

BEFORE THE NEW MEXICO PUBLIC REGULATION COMMISSION

**IN THE MATTER OF SOUTHWESTERN)
PUBLIC SERVICE COMPANY'S)
APPLICATION FOR: (1) REVISION OF)
ITS RETAIL RATES UNDER ADVICE)
NOTICE NO. 312; (2) AUTHORITY TO)
ABANDON THE PLANT X UNIT 1,)
PLANT X UNIT 2, AND CUNNINGHAM)
UNIT 1 GENERATING STATIONS AND)
AMEND THE ABANDONMENT DATE)
OF THE TOLK GENERATING)
STATION; AND (3) OTHER)
ASSOCIATED RELIEF,)
)
SOUTHWESTERN PUBLIC SERVICE)
COMPANY,)
)
APPLICANT.)**

CASE NO. 22-00286-UT

DIRECT TESTIMONY

of

REENE MIRANDA

on behalf of

SOUTHWESTERN PUBLIC SERVICE COMPANY

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GLOSSARY OF ACRONYMS AND DEFINED TERMS

<u>Acronym/Defined Term</u>	<u>Meaning</u>
Base Period	July 1, 2021 through June 30, 2022
CCN	Certificate of Public Convenience and Necessity
Commission	New Mexico Public Regulation Commission
EC	Economic Project
ELR	End of Life Replacement Project
FERC	Federal Energy Regulatory Commission
Future Test Year Period	July 1, 2023, through June 30, 2024
GI	Generation Interconnection Project
HPILS	High Priority Incremental Load Study
kV	Kilovolt
LI	Load Interconnection Project
Linkage Period	July 1, 2022 through June 30, 2023
NERC	North American Electric Reliability Corporation
NTC	Notification to Construct
OG&E	Oklahoma Gas & Electric
O&M	Operation and Maintenance
OATT	Open Access Transmission Tariff

<u>Acronym/Defined Term</u>	<u>Meaning</u>
Operating Companies	SPS, Northern States Power Company, a Minnesota corporation; Northern States Power Company, a Wisconsin corporation; Public Service Company of Colorado, a Colorado corporation.
OPGW	Optical Ground Wire
OT	Other Project
RE	Reliability Project
RTU	Remote Terminal Unit
SCADA	Supervisory Control and Data Acquisition
SPS	Southwestern Public Service Company, a New Mexico corporation
SR	System Refurbishment Project
Transmission business area	Transmission and Operating Services business area
TI	Transmission Interconnection Project
WBS	Work Breakdown Structure
Xcel Energy	Xcel Energy Inc.
XES	Xcel Energy Services Inc.

LIST OF ATTACHMENTS

<u>Attachment</u>	<u>Description</u>
RM-1	Total Company Amounts and Jurisdictional Percentages (<i>Filename: RM-1.xlsx</i>)
RM-2	Transmission Capital Additions by Work Order for the Base Period of July 1, 2021, through June 30, 2022 (<i>Filename: RM-2.xlsx</i>)
RM-3	Transmission Capital Additions by Project Group for the Base Period of July 1, 2021, through June 30, 2022 (<i>Filename: RM-3.xlsx</i>)
RM-4	Transmission Capital Additions by Work Order for the Linkage Period of July 1, 2022, through June 30, 2023 (<i>Filename: RM-4.xlsx</i>)
RM-5	Transmission Capital Additions by Project Group for the Linkage Period of July 1, 2022, through June 30, 2023 (<i>Filename: RM-5.xlsx</i>)
RM-6	Transmission Capital Additions by Work Order for the Future Test Year Period of July 1, 2023, through June 30, 2024 (<i>Filename: RM-6.xlsx</i>)
RM- 7	Transmission Capital Additions by Project Group for the Future Test Year Period of July 1, 2023, through June 30, 2024 (<i>Filename: RM-7.xlsx</i>)
RM-8	Ten-Point Risk Assessment Metric (<i>Filename: RM-8.pdf</i>)
RM-9	Cost Estimates - Funding of Proposed Transmission Capital Additions (<i>Filename: RM-9.pdf</i>)

<u>Attachment</u>	<u>Description</u>
RM-10	Capital Additions by FERC Account (<i>Filename: RM-10.xlsx</i>)
RM-11	Transmission O&M Expenses by FERC Account (<i>Filename: RM-11.xlsx</i>)

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1 **I. WITNESS IDENTIFICATION AND QUALIFICATIONS**

2 **Q. Please state your name and business address.**

3 A. My name is Reene Miranda. My business address is 790 South Buchanan Street,
4 Amarillo, Texas 79101.

5 **Q. On whose behalf are you testifying in this proceeding?**

6 A. I am filing testimony on behalf of Southwestern Public Service Company, a New
7 Mexico corporation (“SPS”). SPS is a wholly-owned electric utility subsidiary of
8 Xcel Energy Inc. (“Xcel Energy”).

9 **Q. By whom are you employed and in what position?**

10 A. I am employed by Xcel Energy Services Inc. (“XES”) as Manager, Transmission
11 Planning South.

12 **Q. Please briefly outline your responsibilities as Manager, Transmission Planning**
13 **South.**

14 A. I provide overall management direction for the transmission planning staff for all
15 of SPS. Their duties include planning new transmission facilities required for
16 generation and customer additions. I also actively participate on behalf of SPS in
17 the Southwest Power Pool’s transmission planning activities. In addition, I
18 participate in the preparation of the SPS transmission capital budget. Finally, I

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1 interact with retail and wholesale customers seeking new transmission service, as
2 well as wind and solar developers working on interconnections with the SPS
3 transmission system.

4 **Q. Please describe your educational background.**

5 A. I received my Bachelor of Science degree in Electrical Engineering in 1992 from
6 New Mexico State University. In 1995, I received a Master of Science degree in
7 Electrical Engineering from New Mexico State University.

8 **Q. Please describe your professional experience.**

9 A. From 1995 to 1999, I was employed as an electrical distribution engineer with SPS
10 in Lubbock, Texas. In 1999, I was promoted to Team Lead Design Engineer in
11 Plainview, Texas, responsible for the distribution engineering of the SPS Plainview
12 District. From 2000 to 2021, I was a Transmission Planning engineer performing
13 transmission planning duties for SPS and later for XES. Since October 2021, I have
14 been in my present position as Manager, Transmission Planning South for XES.

15 **Q. Do you hold a professional license?**

16 A. Yes. I am a registered Professional Engineer in the State of New Mexico.

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1 **Q. Have you filed testimony before any regulatory authorities?**

2 A. Yes. I submitted written testimony to the Public Utility Commission of Texas on
3 SPS's behalf in Docket No. 37771. In addition, I submitted written testimony to
4 the Federal Energy Regulatory Commission ("FERC") in Docket No. EL18-9.

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1

Table RM-1 – Transmission Capital Investment

Period	New Mexico Retail Amount	Total Company Amount
Base Period	\$64,840,793	\$241,215,918
Linkage Period	\$88,328,055	\$295,652,981
Future Test Year Period	\$58,806,278	\$195,196,028

2

I recommend the New Mexico Public Regulation Commission (“Commission”) find that these capital additions to plant in service were prudently incurred to construct, equip, and repair SPS’s transmission system.

3

4

5

I also recommend that the Commission approve the Transmission labor and non-labor O&M costs that SPS seeks to include in the cost of service for the Base Period, Linkage Period, and Future Test Year Period. Those costs are reasonable and necessary to operate and maintain SPS’s transmission system safely and reliably.

6

7

8

9

10 **Q. How were New Mexico retail jurisdictional amounts in your testimony and**
11 **attachments calculated?**

12 A. Throughout this testimony, I quantify the expense and asset amounts on a New
13 Mexico retail basis based upon the jurisdictional allocation percentages that SPS
14 witness Stephanie N. Niemi uses to develop the New Mexico retail revenue
15 requirement reflected in her Attachment SNN-6. Ms. Niemi is responsible for

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1 calculating jurisdictional allocation percentages that apply to the various cost
2 components in the cost of service. My staff and I conferred with Ms. Niemi and
3 her staff to determine the New Mexico retail jurisdictional amounts presented in
4 my testimony and attachments. If the percentages used to allocate amounts to the
5 New Mexico retail jurisdiction change, those new allocation percentages will need
6 to be applied to the total company numbers to derive updated New Mexico retail
7 amounts. Attachment RM-1 contains the total company numbers and the
8 jurisdictional percentages used to derive the New Mexico retail amounts in my
9 testimony. I have reviewed Attachment RM-1 and was engaged in its development,
10 and I believe it to be accurate and complete.

11 **Q. Were Attachments RM-1 through RM-11 prepared by you or under your**
12 **direct supervision?**

13 A. Some were, but not all. As I explained in the response to the previous question,
14 Ms. Niemi and her staff, along with the SPS Regulatory group, prepared
15 Attachment RM-1. My staff and I prepared Attachments RM-2 through RM-7, with
16 help from SPS witness Mark P. Moeller and his staff. My staff prepared
17 Attachment RM-8 and RM-9. Mr. Moeller and his staff prepared Attachment
18 RM-10. Ms. Niemi and her staff prepared Attachment RM-11. I have reviewed all
19 the attachments and believe them to be accurate and complete.

1 **III. THE RANKING, ESTIMATION, AND MANAGEMENT OF**
2 **TRANSMISSION CAPITAL ADDITIONS**

3 **Q. Please describe the Transmission business area and the work that the**
4 **Transmission business area performs to support SPS’s operations.**

5 A. The Transmission business area supports reliable, cost-effective, and timely
6 engineering solutions for constructing, operating, and maintaining high-voltage
7 transmission lines and substations to support system reliability and to strengthen
8 the infrastructure necessary to serve SPS’s customers. SPS uses that infrastructure
9 to transmit electricity from generation facilities to the distribution system, from
10 which SPS delivers power directly to the homes and business of customers.

11 **Q. Please describe the processes for identifying and ranking Transmission capital**
12 **projects.**

13 A. The Transmission Planning functional area develops and plans transmission
14 projects through technical studies that consider, among other things:

- 15 • the need for new distribution load-serving substations;
- 16 • the need for transmission upgrades based on the North American Electric
17 Reliability Corporation (“NERC”) reliability standards;
- 18 • new generation and transmission service requests; and
- 19 • discussions with the Southwest Power Pool planning staff.

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1 **Q. Does SPS rely on any third-party recommendations regarding transmission**
2 **planning and expansion?**

3 A. Yes. The Southwest Power Pool periodically issues to SPS a Notification to
4 Construct (“NTC”) for the following types of transmission projects:¹

- 5 • projects needed for reliability purposes;
- 6 • projects necessary to provide transmission service under the Southwest
7 Power Pool Open Access Transmission Tariff (“OATT”);
- 8 • projects that have been determined by the Southwest Power Pool to provide
9 regional economic benefits; and
- 10 • projects required to provide service to new delivery points under the
11 Southwest Power Pool OATT.

12 **Q. How does SPS prioritize transmission capital projects?**

13 A. All capital projects are ranked using a 10-point risk assessment metric as shown in
14 Attachment RM-8. Key drivers for the risk prioritization strategy include
15 compliance requirements, contractual agreements, reliability and regulatory
16 mandates, economic benefits, external requests, and other risk factors. The risk
17 assessment process ranks projects on a scale of 1 through 10, with 10 being most
18 urgent, and 5 through 10 being non-discretionary.

¹ An NTC is the Southwest Power Pool’s notification to the affected utility that a specific project should be constructed in accordance with the minimum requirements outlined for that project.

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1 **Q. What are non-discretionary projects?**

2 A. Non-discretionary projects include the following:

- 3 • work needed to restore power after outages;
- 4 • work that must be performed in accordance with contractual agreements;
- 5 • projects that are mandated by regulators;
- 6 • projects that have received an NTC;
- 7 • projects necessary to connect loads and generators; and
- 8 • projects that have received a high ranking during the prioritization process.

9 **Q. Please describe how the Transmission business area develops cost estimates**
10 **for the funding of proposed Transmission capital additions.**

11 A. Attachment RM-9 outlines the general estimating steps and shows what project
12 information is available as a project goes from concept to construction. When a
13 project is prepared for the capital budget, a preliminary scope is developed by
14 Transmission Planning or other submitting organization and is provided to the
15 Project Management organization. Project Management then requests cost
16 estimates from the Substation/Transmission Engineering & Design organization.²

² Project Management and Substation/Transmission Engineering & Design are both part of the Portfolio Delivery organization, which is responsible for the managing project design and construction, and for ensuring that projects are constructed within the desired scope requirements and the approved financial costs.

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1 If the project is an internally-developed budget item, the initial estimate is
2 a scoping estimate that is intended to be within $\pm 30\%$ of the total expected project
3 cost. If the initial estimate is for a generator facilities study or a project proposed
4 in response to an NTC, the Southwest Power Pool's tariff includes additional cost
5 estimation and oversight requirements.

6 **Q. Does SPS have any additional cost management safeguards as part of the**
7 **project planning process?**

8 A. Yes. After the initial estimate is developed, each project proceeds through design
9 reviews, called the "Project Lifecycle," which reviews the scope, cost and
10 feasibility estimates, along with schedules of the project at different stages in its
11 development. The Preliminary Scope Intake meeting evaluates the validity of the
12 initial scope and looks for any fatal flaws in the proposed project. A $\pm 30\%$ scoping
13 estimate is developed after approval of the initial scope. The project then proceeds
14 to a Constructability Review – Site Visit, which involves a field visit to the area of
15 the project to identify any issues that cannot be discovered through review of
16 drawings. If changes are necessary due to issues discovered during a field visit, the
17 scope is modified. The project next proceeds through the Final Scope Review
18 meeting, where a $\pm 20\%$ accuracy appropriation estimate is required.

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1 Following completion of the project design, but prior to start of
2 construction, SPS develops a $\pm 10\%$ engineering estimate, which is the most
3 accurate estimate created for the project. It is prepared after due consideration of
4 the construction site and inclusion of known extenuating circumstances. In most
5 cases, the engineering estimate includes actual material costs and may include
6 construction bid pricing. This is the final estimate developed and is the final control
7 point for project cost and schedule. At this project stage, SPS has the necessary
8 information regarding the site and scope. Information regarding external influences
9 such as final material delivery, acceptable times for electrical outages, and
10 contractor availability may be less certain.

11 **Q. Does SPS seek input from other stakeholders during any part of the planning**
12 **process?**

13 A. Yes. During the “Project Lifecycle” process, the planning team seeks input from
14 stakeholders such as engineering, operations, construction, siting and land rights,
15 regulatory, and others as needed. Stakeholder participation in the process is often
16 dependent on the nature of the project.

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1 **Q. What types of tools does SPS use to assist it in the planning and cost estimate**
2 **processes?**

3 A. SPS uses an estimating software program called InEight Estimate to generate cost
4 estimates. InEight Estimate contains a database of historical engineering, material,
5 and construction costs that engineers can draw upon to prepare accurate cost
6 estimates. Engineers use templates from similar projects to ensure their estimates
7 include all the necessary cost elements. Any engineering consultants hired to
8 provide estimates use the same process to ensure that their estimates are consistent
9 with the methods used to prepare estimates generated internally.

10 **Q. Please provide an example of how cost estimates were prepared for a**
11 **representative transmission project.**

12 A. The Hale County Substation-to-Cox Substation 115-kilovolt (“kV”) transmission
13 line rebuild project resulted from Southwest Power Pool’s Aggregate Transmission
14 Service Study 2016-AG1-AFS-3, in which Southwest Power Pool studied and
15 analyzed local and regional reliability issues related to long-term transmission
16 service requests and identified this project as a needed regional reliability upgrade
17 in the SPS area. The thermal reliability needs were the overload issues of the Hale
18 County Substation-to-Cox Substation 115-kV line, which were identified as a result

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1 of the power transfers in the Aggregate Transmission Service Study,
2 2016-AG1-AFS-3. Since Southwest Power Pool planned to issue an NTC for this
3 project and SPS had participated in the study process with Southwest Power Pool,
4 SPS provided an initial study estimate for Southwest Power Pool's use before the
5 issuance of the NTC by Southwest Power Pool. After Southwest Power Pool issued
6 NTC-200457, SPS provided a refined estimate, as required by Southwest Power
7 Pool's procedures. Within SPS, the project moved through the project management
8 and estimating processes described above. Thus, cost estimates for the project were
9 subject to multiple levels of review and oversight as the project was being
10 developed.

11 **Q. Please explain how Transmission capital costs are managed.**

12 A. Within SPS, all projects follow a project flow process that requires reviews and
13 approvals of estimates at the budget, management, senior management, and
14 executive levels. After these approvals, capital projects are approved through the
15 budgeting process, and they are reviewed on a monthly basis to compare the
16 monthly forecast to actual funds spent. A review is also performed to compare
17 year-to-date actual performance with year-to-date and year-end forecasts.
18 Deviations are identified, and recommendations to meet financial targets are

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1 reviewed and approved. Changes are reported to the Financial Performance and
2 Planning group, which monitors capital spending.

3 If the project is a Southwest Power Pool NTC project, SPS must report the
4 estimated completion cost of the NTC project quarterly to the Southwest Power
5 Pool. If the estimated cost of the project exceeds the Southwest Power Pool's
6 requirements, the estimate is sent for management review by the Southwest Power
7 Pool Project Cost Working Group and other stakeholder groups. If the costs are
8 significantly outside of the allowable range, the Southwest Power Pool may address
9 the issue by accepting the cost variance, modifying the scope of the project to
10 reduce the cost, suspending the project for further studies, or cancelling the project.

11 **Q. Does SPS have a process to address contingencies that may arise during a**
12 **budget period?**

13 A. Yes. The approved, overall Transmission capital budget contains contingency
14 funds to fund transmission, generation, and transmission-to-transmission
15 interconnection agreements that may not have been executed when the budget was
16 developed. Such contingency budgets are necessary because projects resulting
17 from Generation Interconnection ("GI") agreements must be constructed in a timely
18 manner under the Southwest Power Pool Generator Interconnection Procedures.

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1 Projects required for Transmission Interconnection (“TIs”) are also required to be
2 constructed in a timely manner under the Southwest Power Pool OATT. Any
3 projects that arise outside of the original budget planning cycle are funded using
4 these contingency funds. If additional funding is needed, approval for the project
5 is sought in the same manner as any new capital budget item with appropriate
6 engineering, management, and financial reviews.

7 The Transmission capital budget also includes funds to cover unexpected
8 events that require capital expenditures, such as emergency outages that occur
9 during the year. These capital amounts included in the budget are developed based
10 on historical expenditures for the repair of failed equipment and storm-damaged
11 equipment.

12 **Q. Are the budgeting and project management for projects not yet completed or**
13 **started in the Linkage Period and Future Test Year Period the same as those**
14 **projects in the Base Period?**

15 A. Yes. The Transmission Business Unit routinely budgets and manages multi-year
16 transmission projects and prepares a 5-year budget every year. Historically,
17 managing numerous multi-year projects has provided SPS with the experience to
18 accurately develop an annual 5-year budget for known and anticipated work. Some

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1 specific future projects, such as a new distribution substation to serve new load, can
2 be accurately planned and budgeted accordingly. Other projects, like storm and
3 emergency repairs, are expected to be needed at some level every year, so historical
4 averages are used to budget for these types of projects in future years. The project
5 and dollar values shown in the Linkage Period and Future Test Year Period are the
6 anticipated projects from this budgeting process, and SPS personnel will use the
7 project management processes described above to manage these future project costs
8 to the budget allotted.

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1 **IV. CAPITAL INVESTMENT OVERVIEW**

2 **Q. What topic do you discuss in this section of your testimony?**

3 A. In this section of my testimony, I describe the types of information that I will
4 present in later sections of my direct testimony to support the reasonableness and
5 necessity of costs that SPS has incurred or will incur to place Transmission assets
6 in service during the Base Period,³ Linkage Period and Future Test Year Period.⁴
7 In Sections V, VI, and VII of my direct testimony, I describe the relevant cost
8 centers and elements of cost for each of the pertinent time periods. I also identify
9 the material variances between Base Period and Future Test Year Period costs, and
10 I describe the cost drivers that are expected to lead to those material variances.

11 **Q. Please explain what you mean when you refer to a “cost center.”**

12 A. The Future Test Period Rule defines the phrase “cost center” to mean the
13 department, division, or organizational grouping of departments or divisions at
14 which operating expense planning and evaluation takes place.⁵

³ The term “Base Period” is defined in the Future Test Year Period Rule as “a historical 12-month period terminating (1) at the end of a quarter and (2) no earlier than 150 days prior to filing.” 17.1.3.7(B) NMAC.

⁴ The term “Future Test Year Period” is defined in the Future Test Year Period Rule as “a 12-month period beginning no later than the date the proposed rate change is expected to take effect.”

⁵ 17.1.3.7(C) NMAC.

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1 **Q. What type of cost center does SPS use for purposes of quantifying the amount**
2 **of capital investment placed in service for the Transmission function?**

3 A. For the Transmission function, SPS quantifies the amount of capital investment
4 placed in service using the Transmission cost center.

5 **Q. You also stated that you will be identifying “elements of cost” in subsequent**
6 **sections of your testimony. What is an “element of cost”?**

7 A. The Future Test Year Period Rule defines “elements of cost” as being types of cost,
8 such as labor, materials, outside services, contract costs, important clearings, and
9 all other types of costs combined as one category.⁶

10 **Q. Are you supporting the elements of cost for the Transmission group?**

11 A. Yes. I am quantifying the elements of cost for the Base Period, Adjusted Base
12 Period, Linkage Period, and Future Test Year Period for the Transmission group.
13 SPS witness Mark P. Moeller has quantified the elements of cost for the various
14 periods and has provided those elements of cost to me.

⁶ 17.1.3.7(F) NMAC.

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1 **Q. You testified earlier that you are identifying “material variances” between**
2 **Base Period and Future Test Year Period balances. What is a “material**
3 **variance”?**

4 A. For investor-owned electric utilities such as SPS, the Future Test Year Period Rule
5 defines “material change” or “material variance” as a change or variance in cost
6 between the Adjusted Base Period and the Future Test Year Period for a cost center
7 that exceeds 6% and \$100,000 on a total company basis, assuming budget estimates
8 are being used.⁷ If budget estimates are not being used, the variance is measured
9 by FERC account.

10 **Q. You also testified earlier that you will discuss the “cost driver” leading to the**
11 **material variances. What is a cost driver?**

12 A. The Future Test Year Period Rule defines “cost driver” to mean a “factor that
13 influences or contributes to the expense of a business activity or operation.”⁸ The
14 rule further provides that a business activity or operation can have more than one
15 cost driver attached to it.

⁷ 17.1.3.7(J) NMAC.

⁸ 17.1.3.7(D) NMAC.

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1 **Q. Are you presenting the information in the Base Period, Adjusted Base Period,**
2 **Linkage Period, and Future Test Year Period by FERC account?**

3 A. Yes. The Future Test Year Period Rule requires that information be presented by
4 FERC account,⁹ and I have complied with that rule. Mr. Moeller and his staff
5 provided me with the information by FERC account as shown in Attachment
6 RM-10.

7 **Q. Are you presenting the capital investment information for the Transmission**
8 **group on both a total company and New Mexico jurisdictional basis, as**
9 **required by 17.1.3.12(E) NMAC?**

10 A. Yes. My testimony and attachments provide both total company¹⁰ and New Mexico
11 jurisdictional amounts.

⁹ 17.1.3.15 NMAC.

¹⁰ The term “total company” means the costs of the utility’s total operation without regard to jurisdiction. 17.1.3.7(L) NMAC.

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1 **V. BASE PERIOD CAPITAL INVESTMENT**

2 **Q. What is the Base Period for purposes of this case?**

3 A. The Base Period for purposes of this case is the twelve-month period ending June
4 30, 2022.

5 **Q. How much capital did the Transmission group place in service during the Base
6 Period?**

7 A. During the Base Period, the Transmission group placed \$64,840,793 of capital
8 investment in service on a New Mexico retail basis (\$241,215,918 total
9 company).¹¹ My Attachments RM-2 and RM-3 list the Transmission capital
10 investments placed in service during the Base Period.

11 **Q. What elements of cost are encompassed within the capital investment that the
12 Transmission group placed in service during the Base Period?**

13 A. As shown in Attachment RM-2, on the tab labeled “Miranda By Proj. Cost
14 Element,” the elements of cost are capitalized labor, contract work, supplies and
15 materials, and other. The capitalized labor costs are composed of both native SPS
16 costs and affiliate costs.

¹¹ Throughout this testimony, the capital addition values that I discuss may not match exactly due to rounding.

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1 **Q. Has the Transmission group adjusted the Base Period capital investment to**
2 **arrive at Adjusted Base Period amounts?¹²**

3 A. No.

4 **Q. Have you prepared a list of SPS's requested Transmission capital additions**
5 **closed to plant in service during the Base Period?**

6 A. Yes. My Attachments RM-2 and RM-3 list SPS's Transmission capital additions
7 for the Base Period. Attachment RM-2 contains the information listed in Table
8 RM-2:

9 **Table RM-2**
10 **Information Contained in Attachment RM-2**

Column A —	Asset Class	Identifies the type of asset.
Column B —	Witness	Identifies the witness supporting the project.
Column C —	Project Category	Provides the project category that is descriptive of the project's type.
Column D —	Work Breakdown Structure ("WBS") Level 2 Number	Provides the WBS Level 2 number for the project.

¹² The "Adjusted Base Period" means a utility's Base Period that includes fully explained annualizations, normalizations, and adjustments for known and measurable changes and regulatory requirements that occur within the Base Period. 17.1.3.7(A) NMAC.

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Column E —	Project Description (WBS Level 2 Description)	Provides a short title for the WBS Level 2 number for the project.
Column F —	In-Service Date	Provides the in-service date of the WBS Level 2 number of the project.
Column G —	Additions to Plant-in-Service Base Period Total Company	Provides the Total Company dollar amount for the plant additions for the period July 1, 2021 through June 30, 2022.
Column H —	Additions to Plant-in-Service Base Period NM Retail	Provides the New Mexico retail dollar amount for the plant additions for the period July 1, 2021 through June 30, 2022.

1 Attachment RM-3 contains the information listed in Table RM-3:

2
3

Table RM-3
Information Contained in Attachment RM-3

Column A	Asset Class	Identifies the type of asset.
Column B	WBS Level 1 Project Group Name	Provides the WBS Level 1 name of the project group
Column C	WBS Level 2 Number	Provides the WBS Level 2 number for the project

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Column D	WBS Level 2 Description	Provides a short title for the project for the WBS Level 2 number
Column E	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Provides the Total Company dollar amount for the plant additions for the period of July 1, 2021 through June 30, 2022
Column F	Additions to Plant-in-Service (July 1, 2021 – June 30, 2022) New Mexico Retail	Provides the New Mexico Retail dollar amount for the plant additions for the period of July 1, 2021 through June 30, 2022
Column G	WBS Level 1 Project Group Description	Provides a short description of the work scope of the project group
Column H	Cost Recovery	Specifies the method of cost recovery for the project group
Column I	Project Category	Provides a classification of the project group’s type

1 **Q. Please describe the types of Transmission-related capital additions closed to**
2 **plant-in-service during the Base Period.**

3 A. As shown in Table RM-4, the capital additions for the Base Period fall within the
4 following categories:

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1
2

Table RM-4
Base Period Transmission Capital Additions

Project Category	Transmission Capital Additions (total company)	Transmission Capital Additions (NM retail)
Economic (“EC”)	\$430	\$113
Generation Interconnection (“GI”)	\$1,117,131	\$290,633
Load Interconnection (“LI”)	\$49,831,520	\$13,141,335
Reliability (“RE”)	\$103,202,100	\$27,363,207
System Refurbishment (“SR”)	\$58,078,091	\$15,384,724
Transmission Interconnection (“TI”)	\$430	\$113
Other (“OT”)	\$28,986,215	\$8,660,667
TOTAL	\$241,215,918	\$64,840,793

- 3 **Q. Please describe the types of projects included in the “EC” category.**
- 4 A. This category of investment contains the capital additions for transmission projects
- 5 that were developed through the Southwest Power Pool’s Integrated Planning
- 6 Process, which provides benefits to the Southwest Power Pool region, including the
- 7 SPS system. SPS’s New Mexico retail customers benefit from these capital
- 8 additions because they also provide improved access to market-based energy
- 9 resources. The total investment in this category during the period is \$113 on a New
- 10 Mexico retail basis (\$430 total company). The project described below accounts
- 11 for 100% of the total capital additions in this category. This project is integral to

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1 SPS's ability to provide reliable electric service to its customers across its entire
2 service territory, including all SPS New Mexico customers.

- 3 • **TUCO Mooreland (Woodward) (\$227 NM retail) (\$860 total company)**
4 **(WBS Level 2 Number A.0000665.005)** – This project constructed a
5 single-circuit 345-kV transmission line between the TUCO Substation, near
6 Lubbock, Texas, and Oklahoma Gas & Electric's ("OG&E") Woodward
7 Substation near Woodward, Oklahoma. SPS constructed the line between
8 the TUCO Substation and OG&E's Border Substation near the Texas and
9 Oklahoma border, and OG&E constructed the line from the Border
10 Substation to the Woodward Substation. This project is also a Transmission
11 Interconnection Project, and therefore only half of the total shown above
12 (\$113 NM retail) (\$430 total company) is credited to Economic Projects.
13 This project was identified in the Southwest Power Pool's Balanced
14 Portfolio Economic Studies. The Southwest Power Pool issued SPS an
15 NTC for this project.

16 **Q. Please describe the types of projects included in the "GI" category.**

17 A. This category of investment contains the capital additions for transmission system
18 upgrades necessary to connect new generation sources to the SPS transmission
19 system, as required by the Southwest Power Pool OATT. SPS is obligated to
20 provide non-discriminatory interconnection service to new generators in
21 accordance with the Southwest Power Pool OATT. These capital additions may
22 have incidental benefits to SPS's New Mexico retail customers by enhancing SPS's
23 transmission system reliability with these additional resources and facilities on the
24 system. The total investment in this category during the period is \$290,633 on a

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1 New Mexico retail basis (\$1,117,131 total company). The project described below
2 accounts for approximately 88% of the total capital additions in this category. The
3 remaining projects are similar in nature in that they connect new generation sources
4 to the transmission system, which is integral to SPS's ability to provide reliable
5 electric service to its customers.

- 6 • **Tip Top Solar (\$260,309 NM retail) (\$986,684 total company) (WBS**
7 **Level 2 Numbers A.0001480.001 and .002)** – This project constructed a
8 new 115-kV terminal at Roadrunner Substation in New Mexico to
9 interconnect a new solar farm to the transmission system.

10 **Q. Please describe the types of projects included in the “LI” category.**

11 A. This category of investment contains the capital additions for transmission system
12 upgrades necessary to connect new load-serving substations for either SPS retail or
13 wholesale customers, including cooperatives, municipal electric utilities, and other
14 investor-owned utilities. The LI request for the wholesale customers is made under
15 the Southwest Power Pool OATT because their request constitutes a request for
16 network transmission service. These capital additions may have incidental benefits
17 to SPS's New Mexico retail customers by enhancing SPS's transmission system
18 reliability with these additional facilities on the system. The total investment in
19 this category is \$13,141,335 on a New Mexico retail basis (\$49,831,520 total
20 company). The project described below accounts for approximately 87% of the

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1 total capital additions in this category. The remaining projects are similar in nature
2 in that they connect new load serving substations, which is integral to SPS's ability
3 to provide reliable electric service to its customers.

- 4 • **OPIE 3 Roadrunner-China Draw 345kV (\$22,889,794 NM retail)**
5 **(\$86,758,346 total company) (WBS Level 2 Numbers A.0001189.001,**
6 **.003, .008, .010, .012, .016, .018, .019, .020, .021, .022, .024 and .025) –**
7 This project installed the new 345/115-kV Phantom Substation as well as
8 two new 345-kV transmission lines, a line approximately 20 miles in length
9 from Phantom Substation to China Draw Substation and a line
10 approximately 21 miles in length from Phantom Substation to Roadrunner
11 Substation. The Phantom Substation was needed to serve the rapidly
12 increasing new transmission loads in the surrounding area and the looped
13 345-kV lines were needed to provide the needed reliability to these new
14 loads and to the existing transmission system in the area. This project is
15 also a Reliability Project, and therefore only half of the total shown above
16 (\$11,444,897 NM retail) (\$43,379,173 total company) is credited to Load
17 Interconnection Projects. The Southwest Power Pool issued SPS an NTC
18 for this project. This project group includes both General and Transmission
19 Plant additions.

20 **Q. Please describe the types of projects included in the “RE” category.**

21 A. This category of investment contains the capital additions for transmission
22 upgrades identified by SPS or the Southwest Power Pool that are needed to maintain
23 reliability on the SPS transmission system. Upgrades required by the Southwest
24 Power Pool Transmission Expansion Planning process and NERC compliance fall
25 into this category as well. SPS New Mexico retail customers benefit from the
26 improvement in transmission system reliability by having a reduced risk with

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1 respect to both frequency and duration of outages, and by having reduced
2 operational constraints. The total investment in this category is \$27,363,207 on a
3 New Mexico retail basis (\$103,202,100 total company). The projects described
4 below account for approximately 85% of the total capital additions in this category.
5 The remaining projects are similar in nature in that they address reliability issues,
6 which is integral to SPS's ability to provide reliable electric service to its customers.

- 7 • **OPIE 3 Roadrunner-China Draw 345kV (\$22,889,794 NM retail)**
8 **(\$86,758,346 total company) (WBS Level 2 Numbers A.0001189.001,**
9 **.003, .006, .008, .010, .012, .016, .018, .019, .020, .021, .022, .024, .025**
10 **and .027)** – This project installed the new 345/115-kV Phantom Substation
11 as well as two new 345-kV transmission lines, a line approximately 20 miles
12 in length from Phantom Substation to China Draw Substation and a line
13 approximately 21 miles in length from Phantom Substation to Roadrunner
14 Substation. The Phantom Substation was needed to serve the rapidly
15 increasing new transmission loads in the surrounding area and the looped
16 345-kV lines were needed to provide the needed reliability to these new
17 loads and to the existing transmission system in the area. This project is
18 also a Load Interconnection Project, and therefore only half of the total
19 shown above (\$11,444,897 NM retail) (\$43,379,173 total company) is
20 credited to Reliability Projects. The Southwest Power Pool issued SPS an
21 NTC for this project. This project group includes both General and
22 Transmission Plant additions.
- 23 • **Tolk DBDB 230kV Expansion (\$6,569,465 retail) (\$24,818,660 total**
24 **company) (WBS Level 2 Numbers A.0001045.001, .002, .003, .004, .005,**
25 **.006, .007, .008, .009, .010, .012, .013, .014, .016, and .017)** – This project
26 reconfigured the existing split-main and transfer 230-kV bus at Tolk Station
27 to a double bus-double breaker arrangement. This project was identified in
28 the 2016 NERC TPL-001-4 assessment and resolves the compliance issues
29 related to NERC TPL-001-4 Category P4 (breaker failure) and P5 (non-

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1 redundancy) events, which cause the loss of both generators, both 230-kV
2 buses and major 230-kV transmission paths through the Tolk substation,
3 resulting in both system instability and voltage collapse. With the new
4 double-bus, double-breaker configuration, a stuck breaker condition
5 (Category P4) will result in the outage of only one transmission element.
6 This project group includes both General and Transmission Plant additions.

7 • **Tierra Blanca 115kV Substation (\$5,053,968 NM retail) (\$19,632,970**
8 **total company) (WBS Level 2 Numbers A.0001044.002, .003, .004, .005,**
9 **.008, .009, .012, .013, .014, .015, .017, .018, .020, .021, .023, .024, .027,**
10 **.029, .031 and .032)** – This project installed the transmission facilities for a
11 new 115-kV substation named Tierra Blanca located approximately one-
12 half mile south of Deaf Smith County Interchange and replaced the relay
13 packages on the remote end line terminals of Deaf Smith Interchange,
14 Hereford Interchange, Northeast Hereford Substation, Castro County
15 Interchange and Canyon West Substation. This substation will address
16 reliability concerns if specifically identified contingencies were to occur
17 and will provide additional capacity for future load growth in the area. This
18 project group includes both General and Transmission Plant additions.

19 **Q. Please describe the types of projects included in the “SR” category.**

20 A. This category of investment contains the capital additions for transmission
21 upgrades to replace storm-damaged, obsolete, and failed equipment. SPS’s New
22 Mexico retail customers benefit from these capital additions through restoration of
23 service, improved transmission reliability, the prevention of possible future
24 outages, and avoidance of higher maintenance costs associated with some aging
25 equipment. These projects include those that are ongoing in nature, such as capital
26 work to replace damaged assets. The total investment in this category is
27 \$15,384,724 on a New Mexico retail basis (\$58,078,091 total company). The

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1 projects described below account for approximately 82% of the total capital
2 additions in this category. The remaining projects are similar in nature in that they
3 replace storm-damaged or failed equipment, which is integral to SPS's ability to
4 provide reliable electric service to its customers.

- 5 • **Line ELR SPS (\$2,936,145 NM retail) (\$11,129,266 total company)**
6 **(WBS Level 2 Numbers A.0000499.011, .022, .032, .041, .043, .051, .053,**
7 **.055, .056, .057, .058, .059, .060, .061, .062, .064, .069, .070, .072, .073,**
8 **.074, .075, .076, .077, .089, .091, .092, .100, .101, .104, .105, .108, .117,**
9 **.118 and .123)** – The term "ELR" stands for End of Life Replacement. This
10 project replaced capital transmission line components that showed signs of
11 deterioration and where failure was likely, such as wood poles and
12 crossarms, that were identified by line inspections. Work in this ELR group
13 included emergent work, planned usually 12 to 18 months in advance of the
14 work being performed. This work was done on several transmission lines
15 as part of a multi-year program to replace capital property units on a like-
16 for-like basis and return the transmission lines to overall good health.
- 17 • **SPS Major Line Rebuilds (\$2,635,836 NM retail) (\$9,990,964 total**
18 **company) (WBS Level 2 Numbers A.0000538.024, .031, .041, .044 and**
19 **.045)** – This project group provides funding for major transmission line
20 rebuild projects, which include replacing substantial amounts of conductor
21 and/or a substantial number of structures on an existing line or replacing
22 sections or all of an existing transmission line. These transmission line
23 rebuild projects address transmission lines that have a history of poor
24 reliability performance because of line age and conditions issues, and lines
25 composed of conductor and/or structures that are near the end of their useful
26 lives.
- 27 • **ELR - Breakers - SPS (\$2,101,976 NM retail) (\$7,967,402 total**
28 **company) (WBS Level 2 Numbers A.0000640.029, .041, .042, .045, .050,**
29 **.051, .052, .053, .060, .062, .063, .066, .067, .098, .099, .105, .106 and .123)**
30 – This project replaced circuit breakers that had reached the end of their

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- 1 useful life. This work was done at multiple substations as part of a multi-
2 year program to replace breakers that are obsolete, for which parts are no
3 longer available and require significant operations and maintenance spend
4 to keep them in service.
- 5 • **ELR - Transformers - SPS (\$1,748,589 NM retail) (\$6,627,912 total**
6 **company) (WBS Level 2 Number A.0000822.006).** This project replaced
7 transmission substation transformers that had reached the end of their useful
8 life. This work was done at multiple substations as part of a multi-year
9 program to replace transmission transformers that are obsolete, for which
10 parts are no longer available and require significant operations and
11 maintenance spend to keep them in service.

 - 12 • **ELR - Relay - SPS (\$1,457,020 NM retail) (\$5,517,587 total company)**
13 **(WBS Level 2 Numbers A.0000401.050, .051, .064, .065, .066, .067, .077,**
14 **.078, .079, .080, .081, .082, .085, .086, .087, .088, .091, .092, .094, .095,**
15 **and .150) –** This project replaced protective relays that had reached the end
16 of their useful life. This work was done at several substations as part of a
17 multi-year program to replace relays that are obsolete, for which parts are
18 no longer available and require significant operations and maintenance
19 spend to keep them in service. This project group includes both General
20 and Transmission Plant additions

 - 21 • **Z18 Tuco Hale Center Hale Co Phase 3 (\$889,600 NM retail)**
22 **(\$3,371,969 total company) (WBS Level 2 Number A.0001205.002) –**
23 This project was phase three of four of a complete wreck out and rebuild of
24 18.1 miles of the 69-kV Z-18 transmission line from TUCO Substation to
25 Hale County Substation. This project was needed because the age and poor
26 physical condition of the existing line was causing reliability issues.

 - 27 • **S&E - SPS Sub (\$794,491 NM retail) (\$3,011,378 total company) (WBS**
28 **Level 2 Numbers A.0000220.006, .018, .026, .036, .037, .039 and .040) –**
29 These projects provided for the storm and emergency work orders that
30 repaired substation facilities damaged by inclement weather and natural
31 disasters. This project group includes both General and Transmission Plant
32 additions.

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1 **Q. Please describe the types of projects included in the “TI” category.**

2 A. This category of investment contains the capital additions for transmission system
3 upgrades necessary to connect transmission systems of neighboring utilities to the
4 SPS transmission system. SPS is obligated to provide this interconnection service
5 pursuant to the Southwest Power Pool OATT. SPS’s New Mexico retail customers
6 benefit from these capital additions because they may also provide improved access
7 to market-based energy resources and also improved overall system reliability from
8 expanded transmission system interconnection. The total investment in this
9 category is \$113 on a New Mexico Retail basis (\$430 total company). The project
10 described below accounts for 100% of the total capital additions in this category.
11 This project is integral to SPS’s ability to provide reliable electric service to its
12 customers.

- 13 • **TUCO Mooreland (Woodward) (\$227 NM retail) (\$860 total company)**
14 **(WBS Level 2 Numbers A.0000665.005)** – This project constructed a
15 single-circuit 345-kV transmission line between the TUCO Substation, near
16 Lubbock, Texas, and Oklahoma Gas & Electric’s (“OG&E”) Woodward
17 Substation near Woodward, Oklahoma. SPS constructed the line between
18 the TUCO Substation and OG&E’s Border Substation near the Texas and
19 Oklahoma border, and OG&E constructed the line from the Border
20 Substation to the Woodward Substation. This project is also an Economic
21 Project, and therefore only half of the total shown above (\$113 NM retail)
22 (\$430 total company) is credited to Transmission Interconnection Projects.
23 This project was identified in the Southwest Power Pool’s Balanced

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1 Portfolio Economic Studies. The Southwest Power Pool issued SPS an
2 NTC for this project.

3 **Q. Please describe the types of projects included in the “OT” category.**

4 A. This category of investment contains the capital additions for transmission projects
5 such as tool and equipment purchases, spare parts, and data acquisition including
6 fault or disturbance recorders. These capital additions support the projects in the
7 first six categories and enhance or improve transmission reliability, for example by
8 enabling SPS to conduct diagnostic testing to prevent outages. The total investment
9 in this category is \$8,660,667 on a New Mexico retail basis (\$28,986,215 total
10 company). The projects described below account for approximately 93% of the
11 total capital additions in this category. The remaining projects are similar in nature
12 in that they involve purchasing of equipment or spare parts, which is integral to
13 SPS’s ability to provide reliable electric service to its customers.

- 14 • **SPS Sub Communication Network Group 2 (\$3,385,948 NM retail)**
15 **(\$11,954,754 total company) (WBS Level 2 Numbers A.0000863.008,**
16 **.009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .019, .023, .024,**
17 **.025, .036, .037, .038, .043, .044, .045, .046, .049, .063, .065, .066, .068,**
18 **.071, .072, .090, .091, .092, .093, .094, .095, .096, .106, .113, .114, and .118)**
19 – These projects provided for the construction of a fiber optics
20 communication infrastructure within the SPS region. This second leg is the
21 continuation of a multi-year effort in the Amarillo area for installing Optical
22 Ground Wire ("OPGW") in the static position on selected transmission lines
23 to create a redundant fiber optic communication ring with access to the
24 Amarillo Transmission Operations Center. This ring provides redundant

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1 protection paths for the line sections on which the OPGW is installed as
2 well as provides redundant paths for the Supervisory Control And Data
3 Acquisition ("SCADA") system. This project group includes both General
4 and Transmission Plant additions.

- 5 • **Transmission UAV Flights (\$1,806,740 NM retail) (\$5,570,019 total**
6 **company) (WBS Level 2 Number A.0000855.008)** – Xcel Energy has
7 obtained approval from the FAA for Beyond the Visual Line Of Sight
8 (BVLOS) to fly Unmanned Aircraft Vehicles (UAV) to collect electronic
9 data on all Transmission lines to create an electronic durable asset. The
10 electronic durable asset is the intangible asset that will be capitalized in this
11 UAV project. The project integrates the collected electronic durable asset
12 data to the foundational existing Geographic Information System (GIS)
13 model for Xcel Energy Transmission. The foundation GIS asset model is
14 missing some of the fields needed for a complete 3D model and the UAV
15 data being collected with this project will fill in the remaining fields. The
16 use of UAVs for the data collection is safer than the traditional helicopter
17 methods and allows for better data quality since it flies lower and slower
18 above transmission lines. Electronic information/data from Transmission's
19 GIS systems are collectively used in the modeling that aids the
20 Transmission Business area in transmission line & substation ratings,
21 operations and decision making.
- 22 • **Physical Security (\$1,417,450 NM retail) (\$5,291,015 total company)**
23 **(WBS Level 2 Numbers A.0000710.012, .014, .015, .046 and .047)** – This
24 project installed Physical Security Upgrades affecting SPS substation
25 protection with specific work varying by substation location, current layout,
26 and threat history. Typical security measures included the installation of
27 equipment such as cameras and motion sensors at substations. This project
28 group includes both General and Transmission Plant additions.
- 29 • **Transportation - SPS (\$1,350,968 NM retail) (\$4,164,915 total**
30 **company) (WBS Level 2 Numbers A.0006056.223, .224 and .333)** –
31 These projects purchased fleet vehicles for operation in the SPS area. The
32 vehicles included automobiles, trucks, heavy vehicles such as bucket trucks,
33 high-reach bucket trucks, hole-diggers, and trailers. Without these vehicles,
34 crews would not have access to a predictable and reliable method of

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1 transport nor have the necessary equipment to perform needed transmission
2 construction work.

3 **Q. Do your Attachments RM-2 and RM-3 include capitalized affiliate costs?**

4 A. Yes. These affiliate charges are primarily for labor costs such as engineering,
5 construction, technical direction, management, safety, and other related work to
6 develop, procure, and install capital additions on SPS transmission facilities. In
7 addition, the capital projects include overhead charges that reflect labor and other
8 costs as discussed by Mr. Moeller. When those projects are complete, the costs,
9 including the labor charges, are recorded as new assets.

10 **Q: How are the affiliate charges assigned or allocated to SPS?**

11 A: As explained in detail in SPS witness Nicole L. Doyle's direct testimony, affiliate
12 costs are directly charged or allocated to SPS "at cost" pursuant to Appendix A to
13 the Service Agreement between XES, SPS and the other Operating Companies.

14 **Q. Are the Transmission-related capital additions listed on Attachments RM-2**
15 **and RM-3 that were closed to plant-in-service during the Base Period,**
16 **including the capitalized affiliate charges, reasonable and necessary?**

17 A. Yes. The capital additions listed in Attachments RM-2 and RM-3 were necessary
18 to maintain the reliability, operational, safety, and environmental requirements of

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1 SPS's transmission facilities. Those Transmission capital additions are also
2 reasonable and necessary to expand and sustain the transmission grid that serves as
3 the path between generation and customers taking service from the transmission
4 and distribution systems. For example, SPS must construct new transmission lines
5 and substations to interconnect new generation and to deliver energy reliably
6 through the transmission grid. SPS also must complete transmission system
7 rehabilitation projects related to transmission line and substation improvements,
8 replacement of obsolete and failed equipment, and replacement of systems
9 damaged by storms. These new and reinforced transmission lines, substations, and
10 protection and control systems are integral to providing safe and reliable service to
11 SPS customers. Equipment replacements (e.g., breakers, relays, transformers,
12 poles, structures, conductor, etc.) reduce the occurrence of unplanned outages and
13 help to maintain a high transmission reliability factor, which increases reliability to
14 customers and reduces congestion that can increase customer costs. Safety projects
15 ensure a safe workplace for employees and enable SPS to meet the safety standards
16 established by regulatory agencies. The process for developing budgets and
17 managing projects, which is discussed in Section III, ensures that the expenditures
18 are reasonable and necessary and that the costs were prudently incurred.

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1 **Q. Does SPS anticipate any major capital additions after the end of the Base**
2 **Period?**

3 A. Yes. I discuss all of these projects in the Linkage Period and Future Test Year
4 Period sections of my direct testimony.

5 **Q. Do any of the future projects you just referred to qualify as “major plant**
6 **additions” as that term is defined in the Future Test Year Period Rule?**

7 A. The Future Test Year Period Rule defines a “major plant addition” as plant for
8 which a utility is required to file an application for a certificate of public
9 convenience and necessity or is required to provide prior notice pursuant to
10 17.5.440 NMAC.¹³ In the following sections of my testimony, I discuss the
11 anticipated Transmission capital additions in the Linkage Period and Future Test
12 Year Period.

13 **Q. Does SPS anticipate any major plant retirements after the end of the Base**
14 **Period?**

15 A. To the extent the Future Test Year Rule uses the term “major plant retirements” to
16 mean plant that SPS was required to file an application for a certificate of public
17 convenience and necessity or was required to provide prior notice pursuant to

¹³ 17.1.3.7(I) NMAC.

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1 17.5.440 NMAC, SPS does not anticipate any major plant retirements after the end
2 of the Base Period. That said, as aging transmission infrastructure needs to be
3 replaced or upgraded, various assets may need to be retired as a result. I discuss
4 replacement of end-of-life equipment in the following sections of my testimony.

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1 **VI. LINKAGE PERIOD TRANSMISSION CAPITAL INVESTMENTS**

2 **Q. What is the Linkage Period for purposes of this rate case?**

3 A. The Linkage Period for purposes of this case is the twelve-month period beginning
4 on July 1, 2022 and ending on June 30, 2023. SPS is providing linkage data for
5 that period.

6 **Q. What is “linkage data”?**

7 A. The term “linkage data” refers to a specific and detailed description of all line items
8 for the period of time between the end of the Base Period and the beginning of the
9 Future Test Year Period required by the rule to create a “verifiable link” between
10 Future Test Year Period data and Base Period data.¹⁴ The rule states that linkage
11 data does not constitute a test period, but instead is provided for the purpose of
12 validating the information contained in the Future Test Year Period.¹⁵

13 **Q. What amount of capital investment does the Transmission group forecast that
14 it will place in service during the Linkage Period?**

15 A. The Transmission group forecasts that it will place \$88,328,055 of investment in
16 service during the Linkage Period on a New Mexico jurisdictional basis

¹⁴ 17.1.3.7(H) NMAC.

¹⁵ *Id.*

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1 (\$295,652,981 total company). My Attachments RM-4 and RM-5 list the types of
2 investments and specific projects that the Transmission group plans to place in
3 service during the Linkage period, along with the elements of cost for those
4 investments.

5 **Q. How did the Transmission group forecast the amount of capital investment**
6 **that will be placed in service during the Linkage Period?**

7 A. The Transmission group forecasted the capital investment to be placed in service
8 during the Linkage Period based on the Transmission budget for that period.

9 **Q. Is the forecast used for the Linkage Period capital investment based on the**
10 **Transmission group's most recent budget information?**

11 A. Yes. The Transmission group used the July 2022 budget to forecast the amount of
12 capital investment in the Linkage Period. That is the most recent budget available.

13 **Q. What methodology did the Transmission group use to develop the budget used**
14 **to determine the cost of the projects to be placed in service during the Linkage**
15 **Period?**

16 A. The Transmission group began its budgeting process by following the processes
17 outlined in Section III in my direct testimony. In addition, the Transmission group
18 took into consideration the factors that are specific to SPS's transmission system,

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1 such as the construction and upgrades that will be necessary during the Linkage
2 Period.

3 **Q. Did the elements of cost change for Transmission-related investment between**
4 **the Base Period and the Linkage Period?**

5 A. No. The elements of costs are the same in the Linkage Period as they were in the
6 Base Period. The elements of cost for the Linkage Period can be found in
7 Attachment RM-4 on tab “Miranda By Proj. Cost Element.”

8 **Q. Did the jurisdictional allocators change between the Base Period and the**
9 **Linkage Period, or between the Linkage Period and the Future Test Year**
10 **Period?**

11 A. The jurisdictional allocators did change between the Base Period and the Linkage
12 Period. The jurisdictional allocators did not change between the Linkage Period
13 and the Future Test Year Period. Ms. Niemi discusses the jurisdictional allocators
14 in her direct testimony.

15 **Q. Please describe the types of Transmission-related capital additions that SPS**
16 **forecasts to be closed to plant-in-service during the Linkage Period.**

17 A. Similar to the Base Period, the capital additions that SPS plans to place in service
18 during the Linkage Period fall within the categories set forth in Table RM-5:

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2

Table RM-5
Linkage Period Transmission Capital Additions

Project Category	Transmission Capital Additions (total company)	Transmission Capital Additions (NM retail)
Economic (“EC”)	-\$5,406	-\$1,581
Generation Interconnection (“GI”)	\$1,638,663	\$479,171
Load Interconnection (“LI”)	\$8,423,600	\$2,492,281
Reliability (“RE”)	\$17,229,249	\$5,228,878
System Refurbishment (“SR”)	\$222,378,054	\$65,125,171
Transmission Interconnection (“TI”)	-\$5,406	-\$1,581
Other (“OT”)	\$45,994,227	\$15,005,715
TOTAL	\$295,652,981	\$88,328,055

- 3 **Q. Please describe the types of projects included in the “EC” category.**
- 4 A. This category of investment contains the capital additions for transmission projects
- 5 that were developed through the Southwest Power Pool’s Integrated Planning
- 6 Process, which provide benefits to the Southwest Power Pool region, including the
- 7 SPS system. SPS’s New Mexico retail customers benefit from these capital
- 8 additions because they also provide improved access to market-based energy
- 9 resources. The total investment in this category is -\$1,581 on a New Mexico retail
- 10 basis (-\$5,406 total company). The project described below accounts for 100% of

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1 the total capital additions in this category. This project is integral to SPS's ability
2 to provide reliable electric service to its customers.

- 3 • **Hitchland to Woodward (-\$3,161 NM retail) (-\$10,811 total company)**
4 **(WBS Level 2 Number A.0000244.011)** – This project constructed a
5 double-circuit 345-kV transmission line between the Hitchland Substation,
6 near Guymon, Oklahoma, and OG&E's Woodward Substation, near
7 Woodward, Oklahoma. SPS constructed approximately 30 miles of the line
8 from the Hitchland Substation to OG&E's Beaver County Substation near
9 Beaver, Oklahoma. OG&E constructed the line from the Beaver County
10 Substation to its Woodward Substation. This project is also a Transmission
11 Interconnection Project, and therefore only half of the total shown above (-
12 1,581 NM retail) (-\$5,406 total company) is credited to Economic Projects.
13 This project was identified in the Southwest Power Pool's Priority Project
14 Studies. The Southwest Power Pool issued SPS an NTC for this project.

15 **Q. Please describe the types of projects included in the "GI" category.**

16 A. This category of investment contains the capital additions for transmission system
17 upgrades necessary to connect new generation sources to the SPS transmission
18 system as required by the Southwest Power Pool OATT. SPS is obligated to
19 provide non-discriminatory interconnection service to new generators, pursuant to
20 the Southwest Power Pool OATT. These capital additions may have incidental
21 benefits to SPS's New Mexico retail customers by enhancing SPS's transmission
22 system reliability with these additional resources and facilities on the system. The
23 total investment in this category during the period is \$479,171 on a New Mexico
24 retail basis (\$1,638,663 total company). The projects described below account for

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1 approximately 85% of the total capital additions in this category. The remaining
2 projects are similar in nature in that they connect new generation sources to the
3 transmission system, which is integral to SPS's ability to provide reliable electric
4 service to its customers.

- 5 • **GEN 2010-14 Novus Wind IV, 358.8 MW (\$313,385 NM retail)**
6 **(\$1,071,709 total company) (WBS Level 2 Number A.0000537.001)** –
7 This project adds a 345-kV terminal to the 345-kV bus at Hitchland
8 Interchange to provide an interconnection point for the Novus Wind IV
9 wind farm transmission line. The wind farm has a net capacity of 358.8
10 MW.
- 11 • **GEN-2011-025 Fiber Wind (\$92,124 NM retail) (\$315,044 total**
12 **company) (WBS Level 2 Number A.0000768.002)** – This project provides
13 a 115-kV interconnection for Fiber Wind LLC's 80 MW wind energy
14 facility located in Crosby County, Texas.

15 **Q. Please describe the types of projects included in the “LI” category.**

16 A. This category of investment contains the capital additions for transmission system
17 upgrades necessary to connect new load-serving substations for either SPS retail or
18 wholesale customers, including cooperatives, municipal electric utilities, and other
19 investor-owned utilities. The LI request for the wholesale customers is made under
20 the Southwest Power Pool OATT because their request constitutes a request for
21 network transmission service. These capital additions may have incidental benefits
22 to SPS's New Mexico retail customers by enhancing SPS's transmission system
23 reliability with these additional facilities on the system. The total investment in

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1 this category is \$2,492,281 on a New Mexico retail basis (\$8,423,600 total
2 company). The projects described below account for approximately 83% of the
3 total capital additions in this category. The remaining projects are similar in nature
4 in that they connect new load serving substations, which is integral to SPS's ability
5 to provide reliable electric service to its customers.

- 6 • **Westover 115k/13.2KV Substation (\$926,009 NM retail) (\$3,166,756**
7 **total company) (WBS Level 2 Numbers A.0001161.001, .003, .004, .005,**
8 **.006 and .008)** – This project installs the transmission line tap from the
9 existing 115-kV transmission line V-44 and the transmission substation
10 components needed to provide service to the new Preston West distribution
11 substation located in south Amarillo, Texas. SPS Distribution requested a
12 transmission delivery point to this new substation.
- 13 • **Phillips 66 WRB South (\$903,430 NM retail) (\$3,019,753 total**
14 **company) (WBS Level 2 Numbers A.0001739.002, .004, .005, .006, .007,**
15 **.008, .009 and .010)** – This project installs a new switching station to
16 provide the customer with two 115-kV sources to their new WRB
17 Substation. The customer requested new 115-kV service at this location to
18 facilitate adding substantial new load. To provide the requested capacity
19 and reliability, the existing 115-kV transmission line T49 (Blackhawk-
20 Pringle) was routed into and out of the new SPS switching station and 115-
21 kV transmission line T48 (also Blackhawk-Pringle) was routed around the
22 new switching station. The customer will pay for most of the costs
23 associated with this new switching station. This project group includes both
24 General and Transmission Plant additions.
- 25 • **Echo DCP Sub (\$475,978 NM retail) (\$1,627,744 total company) (WBS**
26 **Level 2 Numbers A.0001432.006, .008 and .009)** – This project installs a
27 transmission tap from the existing 115-kV transmission line U-11 and the
28 transmission substation components needed to provide service to the new
29 Echo distribution substation located in northeast Amarillo, Texas. SPS

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1 Distribution requested a transmission delivery point to this new substation.
2 This project is also a Reliability Project, and therefore only half of the total
3 shown above (\$237,989 NM retail) (\$813,872 total company) is credited to
4 Load Interconnection Projects.

5 **Q. Please describe the types of projects included in the “RE” category.**

6 A. This category of investment contains the capital additions for transmission
7 upgrades identified by SPS or the Southwest Power Pool that are needed to maintain
8 reliability on the SPS transmission system. Upgrades required by the Southwest
9 Power Pool Transmission Expansion Planning process and NERC compliance fall
10 into this category as well. SPS New Mexico retail customers benefit from the
11 improvement in transmission system reliability by having a reduced risk with
12 respect to both frequency and duration of outages, and by having reduced
13 operational constraints. The total investment in this category is \$5,228,878 on a
14 New Mexico retail basis (\$17,229,249 total company). The projects described
15 below account for approximately 84% of the total capital additions in this category.
16 The remaining projects are similar in nature in that they address reliability issues,
17 which is integral to SPS’s ability to provide reliable electric service to its customers.

18 • **SPS SPE Fault Clearing Relay Rplmnts (\$2,930,137 NM retail)**
19 **(\$9,874,382 total company) (WBS Level 2 Numbers A.0001167.039,**
20 **.082, .091, .095, .099, .100, .103, .105, .108, .114, .115, .117, .120, .121,**
21 **.124, .126 and .127) – This project replaces existing protective relaying**
22 **systems to eliminate long clearing times inherent in these existing relaying**

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1 systems. Replacement of these relaying systems addresses the compliance
2 requirements of NERC TPL-001-4 and will eliminate the long clearing
3 times, increasing the reliability of the system, increasing crew safety during
4 hot line clearances, and preventing possible damage to equipment. This
5 project group includes both General and Transmission Plant additions.

- 6 • **RTCA-SPS (\$846,757 NM retail) (\$2,405,004 total company) (WBS**
7 **Level 2 Numbers A.0001452.002, .004, .006, .010, .013, .014, .015, .016,**
8 **.017, .018, .019, .020, .021, .022, .023, .024, .025, .026, .027, .028, .029 and**
9 **.032)** – This project installs the equipment to provide real time load data
10 from customer-owned substations to the SPS Transmission Operations
11 Center. SPS has had customer-owned substations for many years that did
12 not provide SPS with real time load data. When the number of these
13 substations was small, it was only an inconvenience. However, with the
14 number of customer-owned substations growing significantly in recent
15 years, the issue has become significant. This real time load data from
16 customer-owned substations is needed to perform accurate real-time
17 analysis of Transmission system conditions and Real Time Contingency
18 Analysis (RTCA) on the current state of the Transmission system. These
19 analyses allow the SPS Transmission Control Center to identify, prepare
20 for, and take action on thermal and voltage contingencies that exist on the
21 system in real time.
- 22 • **Littlefield West Tap Rebuild (\$663,268 NM retail) (\$2,268,239 total**
23 **company) (WBS Level 2 Numbers A.0001367.001 and .002)** – This
24 project replaces approximately 1.2 miles of unshielded 69-kV transmission
25 line that was serving as the tap from circuit Y-80 to the Littlefield West
26 Substation. The new shielded transmission line provides improved
27 lightning protection and system reliability.

28 **Q. Please describe the types of projects included in the “SR” category.**

29 A. This category of investment contains the capital additions for transmission
30 upgrades to replace storm-damaged, obsolete, and failed equipment. SPS’s New
31 Mexico retail customers benefit from these capital additions through restoration of

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1 service, improved transmission reliability, the prevention of possible future
2 outages, and avoidance of higher maintenance costs associated with some aging
3 equipment. These projects include those that are ongoing in nature, such as capital
4 work to replace damaged assets. The total investment in this category is
5 \$65,125,171 on a New Mexico retail basis (\$222,378,054 total company). The
6 projects described below account for approximately 81% of the total capital
7 additions in this category. The remaining projects are similar in nature in that they
8 replace storm-damaged or failed equipment, which is integral to SPS's ability to
9 provide reliable electric service to its customers.

- 10 • **SPS Major Line Rebuilds (\$15,425,080 NM retail) (\$52,750,539 total**
11 **company) (WBS Level 2 Numbers A.0000538.004, .022, .023, .024, .025,**
12 **.030, .031, .032, .033, .034, .035, .039, .040, .041, .042, .043, .044, .046,**
13 **.049, .050 and .051) –** This project group provides funding for major
14 transmission line rebuild projects, which include replacing substantial
15 amounts of conductor and/or a substantial number of structures on an
16 existing line or replacing sections or all of an existing transmission line.
17 These transmission line rebuild projects address transmission lines that have
18 a history of poor reliability performance because of line age and conditions
19 issues, and lines composed of conductor and/or structures that are near the
20 end of their useful lives.
- 21 • **ELR - Breakers - SPS (\$7,904,785 NM retail) (\$27,032,706 total**
22 **company) (WBS Level 2 Numbers A.0000640.040, 043, .044, .047, .048,**
23 **.049, .050, .054, .055, .056, .057, .058, .060, .062, .063, .064, .065, .066,**
24 **.068, .069, .070, .071, .072, .073, .074, .075, .077, .085, .086, .090, .091,**
25 **.093, .094, .095, .096, .097, .100, .101, .102, .103, .104, .105, .107, .118,**
26 **.119, .120, .121, .129, .130, .131, .132, and .133) –** This project replaces

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- 1 circuit breakers that had reached the end of their useful life. This work was
2 done at multiple substations as part of a multi-year program to replace
3 breakers that are obsolete, for which parts are no longer available and
4 require significant operations and maintenance spend to keep them in
5 service.
- 6 • **Line ELR SPS (\$5,894,861 NM retail) (\$20,159,187 total company)**
7 **(WBS Level 2 Numbers A.0000499.004, .011, .047, .066, .067, .068, .071,**
8 **.090, .093, .094, .096, .097, .100, .101, .102, .105, .106, .107, .109, .111,**
9 **.112, .121 and .123)** – This project replaced capital transmission line
10 components that showed signs of deterioration and where failure was likely,
11 such as wood poles and crossarms, that were identified by line inspections.
12 Work in this ELR group included emergent work, planned usually 12 to 18
13 months in advance of the work being performed. This work was done on
14 several transmission lines as part of a multi-year program to replace capital
15 property units on a like-for-like basis and return the transmission lines to
16 overall good health.
 - 17 • **S&E - SPS Line (\$4,279,256 NM retail) (\$14,634,158 total company)**
18 **(WBS Level 2 Numbers A.0000303.007, .041, .042, .044, .045, .046, .049,**
19 **.096 and .097)** – These projects provide for the storm and emergency work
20 orders for the replacement or capital repair of transmission line facilities
21 damaged by inclement weather or natural disasters.
 - 22 • **TX PUC-HB4150 (\$4,029,022 NM retail) (\$13,778,411 total company)**
23 **(WBS Level 2 Numbers A.0001439.001, .012, .013, .014, .015, .016, .017,**
24 **.021, .023, .024, .025, .026, .027, .028, .029, .030, .031, .032, .033, .034,**
25 **.036, .037, .039, .040, .041, .042, .043, .044, .045, .046, .047, .048, .049,**
26 **.050, .051, .052, .053, .054 and .055)** – This project funded the inspection
27 and mitigation of SPS's transmission lines to periodically inspect
28 transmission lines for adequate vertical ground clearance in accordance
29 with National Electrical Safety Code standards. Mitigations included in this
30 project are typically the replacement of transmission structures which
31 provided the needed additional ground clearance to meet code.

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- 1 • **ELR - Transformers - SPS (\$3,583,879 NM retail) (\$12,256,116 total**
2 **company) (WBS Level 2 Numbers A.0000822.008, .009, .010 and .011)**
3 – This project replaces transmission substation transformers that had
4 reached the end of their useful lives. This work was done at multiple
5 substations as part of a multi-year program to replace transmission
6 transformers that are obsolete, for which parts are no longer available and
7 require significant operations and maintenance spend to keep them in
8 service.
- 9 • **Y58 Rebuild Ph3 (\$2,715,298 NM retail) (\$9,285,751 total company)**
10 **(WBS Level 2 Numbers A.0001428.001 and .002)** – This project is phase
11 three of three of a complete wreck out and rebuild of approximately 28 miles
12 of the 69-kV transmission line Y-58 from Hutchinson County Substation to
13 Gray County Substation. This line had substantial reliability issues because
14 of the age and condition of the facilities.
- 15 • **V15 Line-Y84.4 SHWT TAP-STE A (\$2,428,006 NM retail) (\$8,303,271**
16 **total company) (WBS Level 2 Numbers A.0001732.001 and .002)** – This
17 project is part of phase three of four of a complete wreck out and rebuild of
18 approximately 19 miles of the double circuit line consisting of the 115-kV
19 line V-15 and the 69-kV line Y-84. These circuits had substantial reliability
20 issues caused by the age and condition of these facilities. This project
21 rebuilt approximately 4.5 miles of the existing V-15 / Y-84 double circuit
22 transmission line between the Shallowater Tap and Stanton Substation.
- 23 • **ELR - Relay - SPS (\$2,441,481 NM retail) (\$8,319,880 total company)**
24 **(WBS Level 2 Numbers A.0000401.002, .039, .067, .069, .072, .073, .074,**
25 **.075, .079, .085, .086, .087, .090, .091, .092, .095, .096, .097, .103, .104,**
26 **.105, .106, .124, .125, .146, .147, .159, .160 and .161)** – This project
27 replaces protective relays that had reached the end of their useful life. This
28 work was done at several substations as part of a multi-year program to
29 replace relays that are obsolete, for which parts are no longer available and
30 require significant operations and maintenance spend to keep them in
31 service. This project group includes both General and Transmission Plant
32 additions.

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1 • **Eagle Creek Expansion (\$2,210,304 NM retail) (\$7,540,036 total**
2 **company) (WBS Level 2 Numbers A.0001658.001, .003, .004, .005, .006,**
3 **.007, .008, .009 and .010)** – This project expands the Eagle Creek
4 Substation and retired Artesia Interchange. Both 115/69-kV transformers
5 at Artesia Interchange were at the end of their useful lives and needed to be
6 replaced. Instead of replacing these transformers at Artesia Interchange, the
7 69-kV bus at nearby Eagle Creek Substation was expanded and the new
8 transformers were installed there. Additionally, the 115-kV and 69-kV lines
9 at Artesia Interchange were reconnected to Eagle Creek Substation. Artesia
10 Interchange was removed from service at the completion of the Eagle Creek
11 Substation project. This project group includes both General and
12 Transmission Plant additions.

13 • **SPS Major Line Refurbishment (\$1,788,202 NM retail) (\$6,115,276**
14 **total company) (WBS Level 2 Numbers A.0000469.017, .020 and .021)**
15 – This project funded major transmission line refurbishments which
16 included projects with a large quantity of end of life replacements of
17 transmission line components, predominantly wood crossarm and wood
18 pole/structure replacements. These components were identified as showing
19 signs of deterioration where failure was likely during a minor or major
20 storm. Major line refurbishment projects also include any major projects
21 that do not involve complete rebuilds of sections of lines, including
22 reconductor projects, re-insulation projects, complete structure
23 replacements (without reconductoring), and so forth. This work was done
24 on multiple transmission lines as part of a multi-year program.

25 **Q. Please describe the types of projects included in the “TI” category.**

26 A. This category of investment contains the capital additions for transmission system
27 upgrades necessary to connect transmission systems of neighboring utilities to the
28 SPS transmission system. SPS is obligated to provide this interconnection service
29 pursuant to the Southwest Power Pool OATT. SPS’s New Mexico retail customers
30 benefit from these capital additions because they may also provide improved access

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1 to market-based energy resources and also improved overall system reliability from
2 expanded transmission system interconnection. The total investment in this
3 category is -\$1,581 on a New Mexico Retail basis (-5,406 total company). The
4 project described below accounts for 100% of the total capital additions in this
5 category. This project is integral to SPS's ability to provide reliable electric service
6 to its customers.

- 7 • **Hitchland to Woodward (-\$3,161 NM retail) (-\$10,811 total company)**
8 **(WBS Level 2 Number A.0000244.011)** – This project constructs a double-
9 circuit 345-kV transmission line between the Hitchland Substation, near
10 Guymon, Oklahoma, and OG&E's Woodward Substation, near Woodward,
11 Oklahoma. SPS constructed approximately 30 miles of the line from the
12 Hitchland Substation to OG&E's Beaver County Substation near Beaver,
13 Oklahoma. OG&E constructed the line from the Beaver County Substation
14 to its Woodward Substation. This project is also an Economic Project, and
15 therefore only half of the total shown above (-\$1,581 NM retail) (-\$5,406
16 total company) is credited to Transmission Interconnection Projects. This
17 project was identified in the Southwest Power Pool's Priority Project
18 Studies. The Southwest Power Pool issued SPS an NTC for this project.

19 **Q. Please describe the types of projects included in the "OT" category.**

20 A. This category of investment contains the capital additions for transmission projects
21 such as tool and equipment purchases, spare parts, and data acquisition including
22 fault or disturbance recorders. These capital additions support the projects in the
23 first six categories and enhance or improve transmission reliability, for example by
24 enabling SPS to conduct diagnostic testing to prevent outages. The total investment

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1 in this category is \$15,005,715 on a New Mexico retail basis (\$45,994,227 total
2 company). The projects described below account for approximately 81% of the
3 total capital additions in this category. The remaining projects are similar in nature
4 in that they involve purchasing of equipment or spare parts, which is integral to
5 SPS's ability to provide reliable electric service to its customers.

- 6 • **SPS Sub Communication Network Group 2 (\$6,261,060 NM retail)**
7 **(\$20,177,821 total company) (WBS Level 2 Numbers A.0000863.001,**
8 **.003, .004, .005, .006, .007, .015, .018, .019, .020, .021, .022, .028, .034,**
9 **.039, .040, .041, .042, .043, .044, .045, .048, .051, .058, .061, .062, .063,**
10 **.071, .072, .073, .076, .079, .080, .083, .084, .086, .087, .089, .091, .093,**
11 **.094, .107, .108, .110, .113, .114, .115, .116, .117, .119, .120, .122, .124,**
12 **.126, .129, .130, .131, .132, .133, .135, and .263)** – These projects provides
13 for the construction of a fiber optics communication infrastructure within
14 the SPS region. This second leg is the continuation of a multi-year effort in
15 the Amarillo area for installing Optical Ground Wire ("OPGW") in the static
16 position on selected transmission lines to create a redundant fiber optic
17 communication ring with access to the Amarillo Transmission Operations
18 Center. This ring provides redundant protection paths for the line sections
19 on which the OPGW is installed as well as provides redundant paths for the
20 Supervisory Control And Data Acquisition ("SCADA") system. This
21 project group includes both General and Transmission Plant additions.
- 22 • **Transportation - SPS (\$2,901,509 NM retail) (\$8,241,023 total**
23 **company) (WBS Level 2 Numbers A.0006056.223 and .224)** – These
24 projects purchase fleet vehicles for operation in the SPS area. The vehicles
25 included automobiles, trucks, heavy vehicles such as bucket trucks, high-
26 reach bucket trucks, hole-diggers, and trailers. Without these vehicles,
27 crews would not have access to a predictable and reliable method of
28 transport nor have the necessary equipment to perform needed transmission
29 construction work.

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- 1 • **OT Cyber Security SPS (\$1,575,393 NM retail) (\$4,474,518 total**
2 **company) (WBS Level 2 Numbers A.0001459.030, .031, .036, .038, .039,**
3 **.040, .045, .046, .047, .048, .052, .056, .058, .059, .062, .063, .064, .066,**
4 **.067, .074, .075, .076, .077, .080, .081, .084, .090, .093, .095, .111, .114,**
5 **.117, .118, .120, .126, .134, .135, .137, .139, .140, .141, .146, .149, .159,**
6 **.163, .164, .168, .169, .171, .176, .177, .179, .183, .185, .187, .192, .202,**
7 **.203, .204, .206, and .207) – This project improves the Operational**
8 **Technology (“OT”) cybersecurity at 163 SPS substations. OT**
9 **cybersecurity references the software, hardware, practices, personnel, and**
10 **services deployed to protect operational technology infrastructure, people,**
11 **and data. A SEL RTAC device was installed at each substation to monitor**
12 **and log the OT network and to provide this information to the Cyber**
13 **Defense Center’s centralized management platform for consolidating,**
14 **monitoring, and logging data. This project addressed the identified areas of**
15 **improvement needed to ensure that the OT cybersecurity program at SPS**
16 **meets industry standard compliance requirements.**
- 17 • **Physical Security (\$1,287,032 NM retail) (\$4,392,585 total company)**
18 **(WBS Level 2 Numbers A.0000710.001, 003, .007, .008, .047, .049, .050**
19 **and .093) – This project installs Physical Security Upgrades affecting SPS**
20 **substation protection with specific work varying by substation location,**
21 **current layout, and threat history. Typical security measures included the**
22 **installation of equipment such as cameras and motion sensors at substations.**
23 **This project group includes both General and Transmission Plant additions.**

24 **Q. Do your Attachments RM-4 and RM-5 include capitalized affiliate costs in the**
25 **Linkage Period?**

26 A. Yes. These affiliate charges are primarily for labor costs such as engineering,
27 construction, technical direction, management, safety, and other related work to
28 develop, procure, and install capital additions at SPS generation facilities. In
29 addition, the capital projects include overhead charges that reflect labor and other

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1 costs. As explained above, Ms. Doyle explains how affiliate costs are allocated to
2 SPS in her direct testimony.

3 **Q. Are the Transmission-related capital additions listed on Attachments RM-4**
4 **and RM-5 for the Linkage Period, including the capitalized affiliate charges,**
5 **reasonable and necessary?**

6 A. Yes. The capital additions listed in Attachments RM-4 and RM-5 will be necessary
7 to maintain the reliability, operational, and safety requirements of SPS's
8 transmission system.

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1 **VII. FUTURE TEST YEAR PERIOD CAPITAL INVESTMENTS**

2 **Q. What is the Future Test Year Period for purposes of this rate case?**

3 A. The Future Test Year Period for purposes of this case is the twelve-month period
4 beginning on July 1, 2023 and ending on June 30, 2024.

5 **Q. What amount of capital investment does the Transmission group forecast to**
6 **be placed in service during the Future Test Year Period?**

7 A. During the Future Test Year Period, the Transmission group plans to place in
8 service \$58,806,278 of capital investment on a New Mexico jurisdictional basis
9 (\$195,196,028 total company).¹⁶ My Attachments RM-6 and RM-7 list the types
10 of investment that the Transmission group plans to place in service during the
11 Future Test Year Period.

12 **Q. How did the Transmission group forecast the amount of capital investment to**
13 **be placed in service during the Future Test Year Period?**

14 A. The Transmission group forecasted the amount of capital investment to be placed
15 in service based on the budget for that group.

¹⁶ It is my understanding that rate base for the Future Test Year Period must be calculated based on average rate base calculated on a 13-month average. 17.1.3.16(C)(1) NMAC. Therefore, the total plant-in-service amounts as of the end of the Future Test Year Period will not match the rate base amounts.

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1 **Q. Is the forecast used for the Future Test Year Period capital investment based**
2 **on the Transmission group's most recent budget information?**

3 A. Yes. The Transmission group used the July 2022 budget to forecast the amount of
4 capital investment in the Future Test Year Period. That is the most recent budget
5 available.

6 **Q. What methodology did the Transmission group use to develop the budget used**
7 **to determine the cost of the projects to be placed in service during the Future**
8 **Test Year Period?**

9 A. Similar to the Linkage Period, the Transmission group began its budgeting process
10 for the Future Test Year Period by following the processes outlined in Section III
11 of my direct testimony. The Transmission group then took into consideration the
12 factors that are specific to SPS's transmission system, such as the construction and
13 upgrades that will be necessary during the Future Test Year Period.

14 **Q. How, if at all, do the budgeted amounts for the Future Test Year Period relate**
15 **to the Linkage Period amounts?**

16 A. The budgeted amounts in the Future Test Year Period are not directly related to the
17 Linkage Period amounts, but instead are the amounts expected to be closed to plant
18 in service during the Future Test Year Period for the projects listed.

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1 **Q. How, if at all, do the budgeted amounts for the Future Test Year Period relate**
2 **to the Base Period amounts?**

3 A. The budgeted amounts in the Future Test Year Period are not directly related to the
4 Base Period amounts, but instead are the amounts expected to be closed to plant in
5 service during the Future Test Year Period for the projects listed.

6 **Q. Are the elements of cost forecasted during the Future Test Year Period similar**
7 **to the elements of cost during the Base Period?**

8 A. Yes. They are identical. The elements of cost for the Future Period can be found
9 in Attachment RM-6 on tab “Miranda By Proj. Cost Element.”

10 **Q. What methodology did SPS use to forecast the elements of cost for projects**
11 **placed in service during the Future Test Year Period?**

12 A. SPS used the same budgeting methodology as described in Section III to forecast
13 the elements of cost for the projects placed in service during the Future Test Year
14 Period.

15 **Q. Please describe the types of Transmission-related capital additions that SPS**
16 **forecasts to be closed to plant-in-service during the Future Test Year Period.**

17 A. Similar to the Base Period, the capital additions for the Future Test Year Period fall
18 within the categories set forth in Table RM-6.

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1
2

Table RM-6
Future Test Year Period Transmission Capital Additions

Project Category	Transmission Capital Additions (total company)	Transmission Capital Additions (NM retail)
Generation Interconnection (“GI”)	-\$657,330	-\$192,214
Load Interconnection (“LI”)	\$2,184,644	\$638,824
Reliability (“RE”)	\$37,747,545	\$11,050,932
System Refurbishment (“SR”)	\$102,949,981	\$30,127,023
Other (“OT”)	\$52,971,188	\$17,181,713
TOTAL	\$195,196,028	\$58,806,278

- 3 **Q. Please describe the types of projects included in the “GI” category.**
- 4 A. This category of investment contains the capital additions for transmission system
- 5 upgrades necessary to connect new generation sources to the SPS transmission
- 6 system as required by the Southwest Power Pool OATT. SPS is obligated to
- 7 provide non-discriminatory interconnection service to new generators, pursuant to
- 8 the Southwest Power Pool OATT. These capital additions may have incidental
- 9 benefits to SPS’s New Mexico retail customers by enhancing SPS’s transmission
- 10 system reliability with these additional resources and facilities on the system. The
- 11 total investment in this category during the period is -\$192,214 on a New Mexico
- 12 retail basis (-\$657,330 total company). The project described below accounts for

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1 more than 100% of the total capital additions in this category because the other
2 project had a credit identified from project closing activities, which removed dollars
3 from the total capital additions. The remaining project is similar in nature in that it
4 connected new generation sources to the transmission system, which is integral to
5 SPS's ability to provide reliable electric service to its customers.

- 6 • **IA Tariff Fund (\$146,888 NM retail) (\$502,326 total company) (WBS**
7 **Level 2 Number A.0000076.004)** – This project funds the construction of
8 new generation and load delivery points that arose throughout the period.
9 This project is also a Load Interconnection Project, and therefore only half
10 of the total shown above (\$73,444 NM retail) (\$251,163 total company) is
11 credited to Generation Interconnection Projects.

12 **Q. Please describe the types of projects included in the “LI” category.**

13 A. This category of investment contains the capital additions for transmission system
14 upgrades necessary to connect new load-serving substations for either SPS retail or
15 wholesale customers, including cooperatives, municipal electric utilities, and other
16 investor-owned utilities. The LI request for the wholesale customers is made under
17 the Southwest Power Pool OATT because their request constitutes a request for
18 network transmission service. These capital additions may have incidental benefits
19 to SPS's New Mexico retail customers by enhancing SPS's transmission system
20 reliability with these additional facilities on the system. The total investment in
21 this category is \$638,824 on a New Mexico retail basis (\$2,184,644 total company).

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1 The projects described below account for more than 100% of the total capital
2 additions in this category because one of the other projects is expected to have a
3 credit identified from project closing activities, which will remove dollars from the
4 total capital additions. The remaining projects are similar in nature in that they
5 connect new load serving substations, which is integral to SPS's ability to provide
6 reliable electric service to its customers.

- 7 • **OPIE 3 DCP Roadrunner T2 (\$478,530 NM retail) (\$1,636,471 total**
8 **company) (WBS Level 2 Number A.0001763.003)** – This project installs
9 the 115-kV transmission substation components needed at the existing
10 Roadrunner Substation to provide service to a second 50 MVA 115/23-kV
11 distribution transformer. SPS Distribution requested a transmission
12 delivery point to this new transformer.
- 13 • **OPIE Phantom 2nd Xfmr Add, TAM (\$256,562 NM retail) (\$877,390**
14 **total company) (WBS Level 2 Number A.0000424.301)** – This project
15 installs the 115-kV transmission substation components needed at the
16 existing Phantom Substation to provide service to a 50 MVA 115/23-kV
17 distribution transformer. SPS Distribution requested a new transmission
18 delivery point to this new transformer.

19 **Q. Please describe the types of projects included in the “RE” category.**

20 A. This category of investment contains the capital additions for transmission
21 upgrades identified by SPS or the Southwest Power Pool that are needed to maintain
22 reliability on the SPS transmission system. Upgrades required by the Southwest
23 Power Pool Transmission Expansion Planning process and NERC compliance fall
24 into this category as well. SPS New Mexico retail customers benefit from the

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1 improvement in transmission system reliability by having a reduced risk with
2 respect to both frequency and duration of outages, and by having reduced
3 operational constraints. The total investment in this category is \$11,050,932 on a
4 New Mexico retail basis (\$37,747,545 total company). The projects described
5 below account for approximately 87% of the total capital additions in this category.
6 The remaining projects are similar in nature in that they address reliability issues,
7 which is integral to SPS's ability to provide reliable electric service to its customers.

- 8 • **Twist Substation (\$5,923,134 NM retail) (\$20,255,877 total company)**
9 **(WBS Level 2 Number A.0001817.001)** – This project installs the Twist
10 Substation that provided an in-and-out switching station connection
11 between existing 115-kV transmission lines T-47 (Dalhart Substation to
12 Moore County Substation) and V-64 (Etter Rural Substation to Dallam
13 County Substation). The project included constructing the Twist four-
14 position ring bus substation and two transmission lines approximately 3.8
15 miles in total length of transmission line to connect the transmission lines
16 to the new Twist Substation. This project was needed to meet reliability
17 criteria to allow the addition of additional Rita Blanca Electric Cooperative
18 substations. The Southwest Power Pool issued SPS an NTC for this project.

- 19 • **SPS SPE Fault Clearing Relay Rplmnts (\$3,733,443 NM retail)**
20 **(\$12,751,489 total company) (WBS Level 2 Numbers A.0001167.026,**
21 **.029, .066, .081, .083, .088, .089, .098, .118, .119, .122, .123, and .125)** –
22 This project replaces existing protective relaying systems to eliminate long
23 clearing times inherent in these existing relaying systems. Replacement of
24 these relaying systems addresses the compliance requirements of NERC
25 TPL-001-4 and will eliminate the long clearing times, increasing the
26 reliability of the system, increasing crew safety during hot line clearances,
27 and preventing possible damage to equipment. This project group includes
28 both General and Transmission Plant additions.

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1 **Q. Please describe the types of projects included in the “SR” category.**

2 A. This category of investment contains the capital additions for transmission
3 upgrades to replace storm-damaged, obsolete, and failed equipment. SPS’s New
4 Mexico retail customers benefit from these capital additions through restoration of
5 service, improved transmission reliability, the prevention of possible future
6 outages, and avoidance of higher maintenance costs associated with some aging
7 equipment. These projects include those that are ongoing in nature, such as capital
8 work to replace damaged assets. The total investment in this category is
9 \$30,127,023 on a New Mexico retail basis (\$102,949,981 total company). The
10 projects described below account for approximately 82% of the total capital
11 additions in this category. The remaining projects are similar in nature in that they
12 replace storm-damaged or failed equipment, which is integral to SPS’s ability to
13 provide reliable electric service to its customers.

- 14 • **ELR - Relay - SPS (\$6,601,243 NM retail) (\$22,496,748 total company)**
15 **(WBS Level 2 Numbers A.0000401.002, .083, .084, .093, .099, .100, .107,**
16 **.108, .109, .110, .111, .112, .113, .114, .115, .116, .117, .118, .119, .121,**
17 **.122, .129, .135, .136, .138, .139, .141, .143, .148, .149, .151, .152, .153**
18 **.154, .156, .157, and .158)** – This project replaces protective relays that had
19 reached the end of their useful life. This work will be done at several
20 substations as part of a multi-year program to replace relays that are
21 obsolete, for which parts are no longer available and require significant
22 operations and maintenance spend to keep them in service. This project
23 group includes both General and Transmission Plant additions.

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- 1 • **SPS Major Line Rebuilds (\$6,465,946 NM retail) (\$22,112,178 total**
2 **company) (WBS Level 2 Numbers A.0000538.021, .026, .027, .036, and**
3 **.037)** – This project group provides funding for major transmission line
4 rebuild projects, which include replacing substantial amounts of conductor
5 and/or a substantial number of structures on an existing line or replacing
6 sections or all of an existing transmission line. These transmission line
7 rebuild projects address transmission lines that have a history of poor
8 reliability performance because of line age and conditions issues, and lines
9 composed of conductor and/or structures that are near the end of their useful
10 lives.
- 11 • **ELR - Breakers - SPS (\$3,517,952 NM retail) (\$12,030,657 total**
12 **company) (WBS Level 2 Numbers A.0000640.002, .046, .076, .078, .079,**
13 **.080, .081, .082, .083, .084, .092, .108, .109, .110, .111, .112, .113, .114,**
14 **.115, .116, .117, .122, .124, and .125)** – This project replaces circuit
15 breakers that had reached the end of their useful life. This work will be
16 done at multiple substations as part of a multi-year program to replace
17 breakers that are obsolete, for which parts are no longer available and
18 require significant operations and maintenance spend to keep them in
19 service.
- 20 • **Line ELR SPS (\$3,204,613 NM retail) (\$10,959,104 total company)**
21 **(WBS Level 2 Numbers A.0000499.004, .095, .098, .099, .103, .114, .120,**
22 **and .126)** – This project replaced capital transmission line components that
23 showed signs of deterioration and where failure was likely, such as wood
24 poles and crossarms, that were identified by line inspections. Work in this
25 ELR group included emergent work, planned usually 12 to 18 months in
26 advance of the work being performed. This work was done on several
27 transmission lines as part of a multi-year program to replace capital property
28 units on a like-for-like basis and return the transmission lines to overall
29 good health.
- 30 • **TX PUC-HB4150 (\$2,732,115 NM retail) (\$9,343,259 total company)**
31 **(WBS Level 2 Number A.0001439.001)** – This project funds the inspection
32 and mitigation of SPS's transmission lines to ensure compliance with
33 transmission line vertical ground clearance in accordance with National
34 Electrical Safety Code standards. Mitigations included in this project are

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1 typically the replacement of transmission structures to provide the needed
2 additional ground clearance to meet code.

- 3 • **S&E - SPS Line (\$2,124,393 NM retail) (\$7,264,977 total company)**
4 **(WBS Level 2 Number A.0000303.007)** – These projects provide for the
5 storm and emergency work orders for the replacement or capital repair of
6 transmission line facilities damaged by inclement weather or natural
7 disasters.

8 **Q. Please describe the types of projects included in the “OT” category.**

9 A. This category of investment contains the capital additions for transmission projects
10 such as tool and equipment purchases, spare parts, and data acquisition including
11 fault or disturbance recorders. These capital additions support the projects in the
12 first six categories and enhance or improve transmission reliability, for example by
13 enabling SPS to conduct diagnostic testing to prevent outages. The total investment
14 in this category is \$17,181,713 on a New Mexico retail basis (\$52,971,188 total
15 company). The projects described below account for approximately 85% of the
16 total capital additions in this category. The remaining projects are similar in nature
17 in that they involve purchasing of equipment or spare parts, which is integral to
18 SPS’s ability to provide reliable electric service to its customers.

- 19 • **SPS Sub Communication Network Group 2 (\$8,715,070 NM retail)**
20 **(\$27,907,938 total company) (WBS Level 2 Numbers A.0000863.001,**
21 **.003, .030, .031, .033, .053, .054, .064, .074, .075, .077, .081, .082, .085,**
22 **.088, .099, .102, .103, .105, .109, .111, .112, .128, .136, .138, .139, .140,**
23 **and .142)** – These projects provide for the construction of a fiber optics

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1 communication infrastructure within the SPS region. This second leg is the
2 continuation of a multi-year effort in the Amarillo area for installing Optical
3 Ground Wire ("OPGW") in the static position on selected transmission lines
4 to create a redundant fiber optic communication ring with access to the
5 Amarillo Transmission Operations Center. This ring provides redundant
6 protection paths for the line sections on which the OPGW is installed as
7 well as provides redundant paths for the Supervisory Control And Data
8 Acquisition ("SCADA") system. This project group includes both General
9 and Transmission Plant additions.

10 • **Transportation - SPS (\$4,181,544 NM retail) (\$11,876,650 total**
11 **company) (WBS Level 2 Numbers A.0006056.223 and .224)** – These
12 projects purchase fleet vehicles for operation in the SPS area. The vehicles
13 included automobiles, trucks, heavy vehicles such as bucket trucks, high-
14 reach bucket trucks, hole-diggers, and trailers. Without these vehicles,
15 crews would not have access to a predictable and reliable method of
16 transport nor have the necessary equipment to perform needed transmission
17 construction work.

18 • **Physical Security (\$1,597,551 NM retail) (\$5,463,165 total company)**
19 **(WBS Level 2 Numbers A.0000710.001, .003 and .008)** – This project
20 installs Physical Security Upgrades affecting SPS substation protection with
21 specific work varying by substation location, current layout, and threat
22 history. Typical security measures included the installation of equipment
23 such as cameras and motion sensors at substations. This project group
24 includes both General and Transmission Plant additions.

25 **Q. Do your Attachments RM-6 and RM-7 include capitalized affiliate costs in the**
26 **Future Test Year Period?**

27 A. Yes. These affiliate charges are primarily for labor costs such as engineering,
28 construction, technical direction, management, safety, and other related work to
29 develop, procure, and install capital additions at SPS transmission facilities. In

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1 addition, the capital projects include overhead charges that reflect labor and other
2 costs. As explained above, Ms. Doyle explains how affiliate costs are allocated to
3 SPS in her direct testimony.

4 **Q. Are the Transmission-related capital additions listed on Attachment RM-6**
5 **and RM-7 that will be closed to plant-in-service during the Future Test Year**
6 **Period, including the capitalized affiliate charges, reasonable and necessary?**

7 A. Yes. The capital additions listed in Attachments RM-6 and RM-7 will be necessary
8 to maintain the reliability, operational, and safety requirements of SPS's
9 transmission system.

10 **Q. Have you prepared an attachment showing the differences by cost center**
11 **between the Base Period and the Future Test Year Period?**

12 A. Yes. My Attachment RM-10 shows the differences by cost center between the Base
13 Period and the Future Test Year Period. As required by 17.1.3.18(B) NMAC,
14 Attachment RM-10 contains:

- 15 1. a column showing actual expenditures during the Base Period;¹⁷
- 16 2. a column showing the estimated expenditures during the Future Test Year
17 Period;

¹⁷ Although this portion of the Future Test Year Period Rule refers to "expenditures," SPS assumes that the Commission is seeking information about the cost of capital assets actually placed in service during the Base Period and the Future Test Year Period in order to have an apples-to-apples comparison. Expenditures are measured at the time money is spent, which may be months or even years before an asset is placed in service.

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- 1 3. a column showing the variance between the two; and
2 4. a column providing an explanation for the differences between the Base
3 Period data and the Future Test Year Period estimates, including estimates
4 that took place in the Linkage Period data.

5 **Q. Are there any material changes between the Transmission group’s Base Period**
6 **capital investment and Future Test Year Period capital investment?**

7 A. Yes. I have identified the material changes for the Transmission group in my
8 Attachment RM-10. As shown in that attachment, the capital investment that is
9 projected to be placed in service during the Future Test Year Period is
10 approximately 19% lower than it was in the Base Period.

11 **Q. Have you identified the cost drivers for the material changes between the**
12 **amounts for the Base Period and the Future Test Year Period?**

13 A. Yes. In earlier parts of my direct testimony, I described the major capital additions
14 in the Base Period and the Future Test Year Period. The 19% reduction from the
15 Base Period to the Future Test Year Period is due to the fact that the projects placed
16 in service in each period are largely independent of the projects placed in service
17 during prior periods. SPS places projects in service based on current and forecasted
18 needs, not based on the costs of projects placed in service during prior periods.

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1 **Q. Does the forecast of the Transmission group's forecasted capital additions**
2 **during the Future Test Year Period assume that volumes, costs, or price inputs**
3 **will change between the Base Period and the Future Test Year Period because**
4 **of inflation or other factors?**

5 A. The budgeted amounts in the Future Test Year Period are not directly related to the
6 Base Period amounts, but instead, are the amounts expected to be closed to plant in
7 service during the Future Test Year Period for the projects listed. The current
8 forecast for future years is based on current estimates that are increased by an
9 escalation factor to reflect expected future costs based on the anticipated
10 construction timelines and final in-service date of the specific project.

11 **Q. Does the forecast of the Transmission group's forecasted capital additions**
12 **during the Future Test Year Period include any types of escalation factors that**
13 **were applied to the Base Period amounts to arrive at the Future Test Year**
14 **Period amounts?**

15 A. The budgeted amounts in the Future Test Year Period are not directly related to the
16 Base Period amounts, but instead, are the amounts expected to be closed to plant in
17 service during the Future Test Year Period for the projects listed. The current
18 forecast for future years is based on current estimates that are increased by an

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1 escalation factor to reflect expected future costs based on the anticipated
2 construction timelines and final in-service date of the specific project.

3 **Q. Does the forecast of the Transmission group's forecasted capital additions**
4 **during the Future test Year Period include any contingency provisions that**
5 **were applied to the Base Period amounts to arrive at the Future Test Year**
6 **Period amounts?**

7 A. The budgeted amounts in the Future Test Year Period are not directly related to the
8 Base Period amounts, but instead, are the amounts expected to be closed to plant in
9 service during the Future Test Year Period for the projects listed. SPS's current
10 forecast for future years is based on current estimates that have contingency
11 amounts included that are based on the anticipated risks for each project.

12 **Q. Does the forecast of the Transmission group's forecasted capital additions**
13 **during the Future Test Year Period assume that the type or scope of work**
14 **performed by the Transmission group will change between the Base Period**
15 **and the Future Test Year Period?**

16 A. No. Some of the projects will be the same and some of the projects will be different
17 between the Base Period and the Future Test Year Period, but the type and scope
18 of work being done will be basically the same in both periods.

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VIII. TRANSMISSION O&M EXPENSES

1 **Q. What topics do you cover in this section of your testimony?**

2 A. In this section, I will discuss the O&M expenses associated with the Transmission
3 group and explain that these expenses are reasonable and necessary to provide safe
4 and reliable electric transmission service. Consistent with the NMPRC Future Test
5 Year Period Rule,¹⁸ for each of the (1) Base Period¹⁹ and Adjusted Base Period,²⁰
6 (2) Linkage Period,²¹ and (3) Future Test Year Period,²² I break down the
7 Transmission non-labor O&M costs by FERC account or FERC subaccount, as
8 appropriate, detail the associated elements of cost, and fully explain, support, and
9 justify this Transmission data. I also support the labor-related expenses associated
10 with Transmission that were actually incurred during the Base Period. Finally, I
11 identify the Transmission group’s contribution to the material variances between

¹⁸ 17.1.3.1 NMAC et seq.

¹⁹ SPS’s base period in this proceeding begins July 1, 2021 and ends June 30, 2022 (the “Base Period”).

²⁰ SPS’s adjusted base period in this proceeding is the Base Period adjusted as described by SPS witness Stephanie N. Niemi (the “Adjusted Base Period”).

²¹ SPS’s “Linkage Period” in this proceeding begins July 1, 2022 and ends June 30, 2023. Per the Future Test Year Period Rule, it covers the period of time between the end of the Base Period and the beginning of the Future Test Year Period and includes the required “Linkage Data” as that term is defined in 17.1.3.7(H) NMAC.

²² SPS’s future test year period in this proceeding begins July 1, 2023 and ends June 30, 2024 (the “Future Test Year Period”).

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1 the Adjusted Base Period and Future Test Year Period costs identified by Ms.
2 Niemi, and I describe the cost drivers behind these contributions.

3 **A. Overview of Transmission O&M Services and Associated**
4 **Expenses**

5 **Q. Describe generally the services associated with Transmission O&M expenses.**

6 A. The services associated with Transmission O&M expenses generally include the
7 operation of the transmission system as a whole by the SPS Transmission Control
8 Center staff, the operations and maintenance of substations and substation
9 equipment, the operations and maintenance of overhead and underground
10 transmission lines, the supervision of these activities, and miscellaneous
11 transmission expenses.

12 **Q. Are the O&M services and associated expenses grouped within Transmission**
13 **reasonable and necessary for SPS's operations?**

14 A. Yes. The O&M services and associated expenses are reasonable and necessary to
15 ensure that the transmission system is reliably operated and maintained to continue
16 providing safe and reliable electric service to SPS's New Mexico customers. The
17 Transmission business area provides O&M services similar to those required by all
18 utilities, and SPS would not be able to provide electric service to its New Mexico
19 customers without those O&M services. SPS's standard practices include
20 processes to manage and minimize related O&M expenses.

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1 **Q. Do SPS's New Mexico retail customers benefit from the O&M services that**
2 **are provided by the Transmission group?**

3 A. Yes. Customers directly benefit from the operation and maintenance of overhead
4 lines and substations. The operation of those lines and substations ensures that
5 customers have access to safe and reliable electric service. The maintenance
6 activities identify and remedy problems on the lines and substations before they
7 cause a problem, helping SPS continue to operate the transmission system in a safe,
8 efficient, and reliable manner and to maintain continuity of electric transmission
9 and distribution service to SPS's New Mexico retail customers.

10 **Q. During the fiscal year, does the Transmission group monitor its actual O&M**
11 **expenditures versus its O&M budget?**

12 A. Yes. Actual versus budgeted O&M expenditures are monitored on a monthly basis
13 by management employees of the Transmission business area.²³ Variances from
14 the budget amounts are evaluated each month to ensure that the charges were
15 appropriate. When variances above or below the budgeted amount occur, action

²³ Although this question and answer, along with the following question and answer, address the Transmission O&M budgets, the Transmission non-labor O&M amounts for the Linkage Period and Future Test Year Period are based on the Base Period amount adjusted for known and measurable changes, not on budgets for the Linkage Period and Future Test Year Period.

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1 plans are developed to manage actual costs back to the budget amount. These
2 action plans may either reduce or delay other expenditures so that overall spending
3 complies with the approved budget.

4 **Q. Are employees within the Transmission business area held accountable for**
5 **deviations from the O&M budget?**

6 A. Yes. All management employees in the Transmission business area have specific
7 monthly budget targets to help ensure adherence to the annual budget. When
8 variances from the budget occur, the employee responsible for that budget is
9 required to develop an action plan to address the monthly variances and to stay on
10 or under budget for the year.

11 **Q. Do the Transmission O&M expenses include native SPS costs? If yes, please**
12 **explain.**

13 A. Yes. Native SPS costs are those costs incurred directly by SPS associated with the
14 provision of electric service to customers. These costs include labor, materials, and
15 other non-fuel O&M costs. For example, the O&M portion of an SPS transmission
16 lineman's salary is a native cost.

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1 **Q. Do the Transmission O&M expenses include affiliate charges? If yes, please**
2 **explain.**

3 A. Yes. Affiliate charges are primarily those costs associated with services provided
4 to SPS by XES, which is Xcel Energy's service company. These services are in
5 addition to, and not duplicative of, the services that SPS employees provide.
6 Affiliate charges can also include services provided to SPS by other Xcel Energy
7 Operating Companies or affiliated interests. These charges generally involve
8 emergency services, such as storm restoration activities. As explained above, Ms.
9 Doyle explains how affiliate costs are allocated to SPS in her direct testimony.

10 **Q. Are any of the Transmission affiliate services provided to SPS duplicated**
11 **elsewhere in XES or in any other Xcel Energy subsidiary, such as SPS itself?**

12 A. No. Within XES, none of the services provided by the Transmission group are
13 duplicated elsewhere. No other Xcel Energy subsidiary performs these services for
14 the Operating Companies. In addition, SPS does not perform these services for
15 itself.

16 **B. Presentation of Transmission O&M Expense Data**

17 **Q. At a high level, how does SPS present O&M expenses in this proceeding?**

18 A. To comply with the Commission's Future Test Year Rule, SPS presents its O&M
19 data in several separate views. In Attachment SNN-10, Tab 2, SPS witness

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1 Stephanie N. Niemi presents SPS’s total company O&M expenses by FERC
2 account and subaccount²⁴ for the following periods: (1) the Base Period and
3 Adjusted Base Period, (2) the Linkage Period, and (3) the Future Test Year
4 Period.²⁵ This attachment also identifies the variance between the Adjusted Base
5 Period²⁶ expenses and Future Test Year Period expenses by FERC account or
6 subaccount and highlights where material variances exist.²⁷

²⁴ Consistent with 17.1.3.16(B)(1) NMAC, each FERC account has been subdivided where necessary to a level that is sufficient to identify cost drivers and demonstrate where variations between the Adjusted Base Period and Future Test Year Period occur.

²⁵ See 17.1.3.12 NMAC; 17.1.3.15 NMAC; 17.1.3.16(B) NMAC.

²⁶ SPS notes that 17.1.3.6 NMAC states that the objective of the Rule is to “provide for a complete and comprehensive rate case filing that, by including full explanations and justifications of changes in items between the *adjusted base period*, linkage data and future test year period as required by this rule should minimize the amount of discovery needed by commission staff...and intervenors to analyze a filing.” 17.1.3.6 NMAC (emphasis added). 17.1.3.7 NMAC defines “material change” or “material variance” as “a change or variance in cost between the *adjusted base period* and the future test year period.” 17.1.3.7(J) NMAC (emphasis added). Later, however, 17.1.3.17(A) NMAC states that “[f]or any material changes between *base period* and future test year period, cost drivers shall be separately identified, explained and justified as well as linked to the historical base period and any linkage data.” 17.1.3.17(A) NMAC (emphasis added). And 17.1.3.18(B) NMAC directs an applicant to include a side-by-side comparison with “a column showing actual expenditures during the *base period*; a column showing the estimated expenditures during the future test year period; a column showing the variance between the two; and a column providing an explanation (or a reference to the written testimony requirement under Subsection D of this section) for the differences between the *base period* data and the future test year period estimates, including occurrences which took place in the linkage data.” 17.1.3.18(B) NMAC (emphasis added). Consistent with the Future Test Year Period Rule’s objective and the material variance definition and to ensure an apples-to-apples comparison throughout all relevant data, SPS focuses on Adjusted Base Period amounts, rather than Base Period amounts, when presenting variation data in testimony. Nonetheless, to ensure compliance with the NMPRC Future Test Year Period Rule, SPS has included the variance between the Base Period expenses and Future Test Year expenses in Ms. Niemi’s Attachment SNN-10, tab 2.

²⁷ See 17.1.3.16(B) NMAC; 17.1.3.18(B) NMAC.

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1 Separately, in Attachment SNN-10, Tab 3, Ms. Niemi presents a more
2 granular view of the general O&M data. There, the general O&M expenses
3 included in each FERC account or subaccount are further divided into elements of
4 cost, including labor-related cost elements.²⁸ This view of the O&M data is
5 presented on both a total company and New Mexico Retail basis.²⁹

6 In Attachment SNN-10, Tab 4, Ms. Niemi separates out the labor-related
7 cost elements from the general O&M data for the Base Period. In conjunction with
8 the Business Area witnesses, Michael P. Deselich supports the Base Period labor
9 amounts reflected in this tab. Mr. Deselich also identifies, fully explains, and
10 justifies any labor-related cost drivers that contributed to material variances
11 between the Adjusted Base Period and the Future Test Year Period identified by
12 Ms. Niemi.

13 Finally, in Attachment SNN-10, Tab 5, Ms. Niemi presents the non-labor
14 cost elements of general O&M expenses for the Base Period and Adjusted Base
15 Period, the Linkage Period, and the Future Test Year Period by Business Area.
16 Each Business Area's general O&M (non-labor) expenses are presented by FERC

²⁸ See 17.1.3.16(B) NMAC.

²⁹ See 17.1.3.16(B) NMAC.

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1 account or subaccount, as appropriate.³⁰ Next, the expenses in each FERC account
2 or FERC subaccount are further divided by non-labor cost element.³¹ Generally,
3 SPS's Business Area witnesses fully explain, justify, and support the O&M data
4 presented by Ms. Niemi for their applicable Business Area in Attachment SNN-10,
5 Tab 5, including variances from period to period.³² However, as noted throughout
6 testimony, Ms. Niemi sponsors many of the adjustments made to Base Period
7 amounts to arrive at the Adjusted Base Period amounts. Business Area witnesses
8 also identify, fully explain, and justify any non-labor Business Area cost drivers
9 that contributed to material variances between the Adjusted Base Period and the
10 Future Test Year Period identified by Ms. Niemi.³³

11 **Q. Which Business Area O&M expenses do you sponsor?**

12 A. I sponsor the Transmission O&M expenses. This includes (1) the labor-related
13 expenses associated with Transmission services that were incurred during the Base
14 Period (in conjunction with Mr. Deselich), (2) the non-labor expenses associated
15 with Transmission services that were incurred during the Base Period, and (3) the

³⁰ See 17.1.3.16(B) NMAC; 17.1.3.16(B)(1)-(2) NMAC.

³¹ See 17.1.3.16(B) NMAC; 17.1.3.16(B)(1)-(2) NMAC.

³² See 17.1.3.6 NMAC; 17.1.3.14 NMAC; 17.1.3.17 NMAC; 17.1.3.18 NMAC.

³³ See 17.1.3.17(A) NMAC; 17.1.3.17(D) NMAC.

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1 non-labor known and measurable adjustments made to Adjusted Base Period data
2 associated with Transmission services to reach the Future Test Year Period data.
3 Attachment RM-11 to my direct testimony is an excerpt from Ms. Niemi's
4 Attachment SNN-10, Tabs 4 and 5.

5 **Q. What FERC accounts and FERC subaccounts are captured within the**
6 **Transmission O&M expenses?**

7 A. Table RM-7 identifies the FERC accounts and FERC subaccounts included within
8 the Transmission O&M expenses. A more detailed description of these FERC
9 accounts can be found at 18 C.F.R. § 101 (2022).

10

Table RM-7

FERC Account or Subaccount	Description
506000	Miscellaneous steam power expenses
512000	Maintenance of boiler plant
513000	Maintenance of electric plant
514000	Miscellaneous other power generation expenses
549000	Miscellaneous other power generation expenses
550000	Rents
551000	Maintenance supervision and engineering
553000	System control and load dispatching
556000	Operation supervision and engineering

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FERC Account or Subaccount	Description
560000	Operations supervision and engineering
561100	Load dispatch-Reliability
561200	Load Dispatch-monitor and operate the transmission system
561600	Transmission service studies
561700	Generation interconnection studies
562000	Station expenses
563000	Overhead line expenses
564000	Underground line expenses
566000	Miscellaneous transmission expenses
567000	Rents
569000	Maintenance of structures
570000	Maintenance of station equipment
571000	Maintenance of overhead lines
580000	Operations supervision and engineering
581000	Load dispatching
582000	Station expenses
583000	Overhead line expenses
584000	Underground line expenses
586000	Meter expenses
588000	Miscellaneous distribution expenses
592000	Maintenance of station equipment
593000	Maintenance of overhead lines

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FERC Account or Subaccount	Description
594000	Maintenance of underground lines
902000	Meter reading expenses
920000	Administrative and general salaries
921000	Office supplies and expenses
930100	General advertising expenses
930200	Miscellaneous general expenses

1 **Q. Do you detail the elements of cost included in each FERC accounts and**
2 **subaccounts assigned to Transmission?**

3 A. Yes. In Attachment RM-11, Tab 1, column E, I identify the labor-related elements
4 of cost for each FERC account and FERC subaccount for the Base Period. In
5 Attachment RM-11, Tab 2, column E, I identify the non-labor elements of cost for
6 the Base Period and Adjusted Base Period, Linkage Period, and Future Test Year
7 Period.

8 **Q. Please explain what you mean when you use the term “elements of cost.”**

9 A. The Future Test Period Rule defines the phrase “elements of cost” to mean types of
10 cost such as labor, materials, outside services, contract costs, important clearings,
11 and all other types of cost combined as one category.³⁴ I use the term in this manner
12 throughout my testimony.

³⁴ See 17.1.3.7(F) NMAC.

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1 **Q. How did SPS arrive at the Linkage Period and Future Test Year O&M data**
2 **generally?**

3 A. SPS did not use budgeting to identify expected Linkage Period and Future Test
4 Year Period O&M expenses, including Transmission expenses. Instead, SPS made
5 specific and discrete known and measurable adjustments to the Adjusted Base
6 Period O&M expenses to reflect changes SPS expects to occur during these future
7 periods. So SPS adjusted the per book Base Period expenses first to ensure that the
8 starting point for the discrete known and measurable adjustments in the Linkage
9 Period and Future Test Year Period was appropriate.

10 **C. Full Explanations, Justifications, and Support for**
11 **Transmission Services O&M Data**

12 **Q. Does your testimony explain and justify quantities, assumptions, expectations,**
13 **activity changes and the like associated with the Transmission O&M data**
14 **presented herein?**

15 A. Yes. In this section of my testimony, I fully explain, justify, and support the
16 Transmission O&M data presented for the Base Period and Adjusted Base Period,
17 the Linkage Period, and the Future Test Year Period.

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1 **Q. Does your testimony include full explanations and justifications of changes**
2 **between the Adjusted Base Period, the Linkage Period, and the Future Test**
3 **Year Period associated with the Transmission data presented herein?**

4 A. Yes. In this section of my testimony, I fully explain and justify changes between
5 the Adjusted Base Period, the Linkage Period, and the Future Test Year Period.

6 *1. Base Period and Adjusted Base Period*

7 **Q. What is the Base Period in this proceeding?**

8 A. SPS's Base Period in this proceeding is the historical 12-month period beginning
9 July 1, 2021 and ending June 30, 2022.

10 **Q. Please summarize the expenses reflected in the FERC accounts, FERC**
11 **subaccounts, and elements of cost encompassed within the Base Period data**
12 **sponsored by you.**

13 A. The Transmission O&M expenses reflected in the FERC accounts, FERC
14 subaccounts, and elements of cost identified on Attachment RM-11 consist
15 primarily of the costs associated with labor, incentive compensation, consulting,
16 contract labor, miscellaneous other, and overhead. Attachment RM-11, Tab 1
17 identifies all of the applicable FERC accounts, FERC subaccounts, and associated
18 labor-related elements of cost and expense amounts, while Attachment RM-11,

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1 Tab 2 identifies all of the applicable FERC accounts, FERC subaccounts, and
2 associated non-labor elements of cost and expense amounts.

3 **Q. What were the actual labor-related expenses associated with Transmission**
4 **incurred by SPS during the Base Period?**

5 A. During the Base Period, the Transmission group incurred \$12,686,486 of labor-
6 related expenses on a total company basis, as reflected on Attachment RM-11,
7 Tab 1. Mr. Deselich presents labor-related expenses on a New Mexico Retail basis
8 by FERC account or FERC subaccount.

9 **Q. Did SPS adjust the Base Period labor-related O&M expenses to arrive at**
10 **Adjusted Base Period amounts?**

11 A. Yes. Mr. Deselich and Ms. Niemi discuss these adjustments in detail in their
12 testimony.

13 **Q. Were the Transmission labor-related expenses incurred during the Base**
14 **Period reasonable and necessary?**

15 A. Yes. The services provided by SPS and XES employees for the Transmission group
16 are necessary to provide safe and reliable service to New Mexico retail customers.
17 These employees were compensated during the Base Period at appropriate market
18 levels as discussed in detail by Mr. Deselich.

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1 **Q. What amount of Transmission non-labor O&M expenses did SPS incur during**
2 **the Base Period?**

3 A. During the Base Period, the Transmission group incurred \$5,545,324 in non-labor
4 O&M expenses on a total company basis. Ms. Niemi presents non-labor O&M
5 expenses on a New Mexico Retail basis by FERC account and subaccount.

6 **Q. Please summarize the elements of cost encompassed within the Base Period**
7 **data sponsored by you.**

8 A. The FERC accounts, FERC subaccounts, and elements of cost for the Transmission
9 non-labor O&M costs appear in Attachment RM-11. In particular, the FERC
10 accounts and subaccounts appear in Attachment RM-11, Tab 2, Column C, and the
11 elements of cost appear in Attachment RM-11, Tab 2, Column E.

12 **Q. Did SPS adjust the Base Period O&M expenses to arrive at Adjusted Base**
13 **Period amounts?**

14 A. Yes. SPS reduced the Base Period Transmission non-labor O&M expense by
15 \$1,804,124 on a total company basis. The amounts are presented Attachment
16 RM-11, Tab 2, Column G. Most of the reduction is attributable to an adjustment
17 to remove a transmission line clearance amortization that is specific to Texas. Ms.
18 Niemi discusses that adjustment in her direct testimony. The remaining reduction
19 is attributable to normal business area adjustments that SPS makes in every rate

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1 case, such as removing brand advertising. Ms. Niemi discusses those adjustments
2 as well.

3 **Q. Are there any other expenses that would otherwise fall within the**
4 **Transmission group that SPS is not seeking recovery of, or which the**
5 **Commission's rules/orders exclude from recovery?**

6 A. None other than the ones that I discussed above and that Ms. Niemi discusses.

7 **Q. Have you prepared an attachment showing the adjustments to arrive at the**
8 **Adjusted Base Period amounts for non-labor Transmission O&M expense?**

9 A. Yes. Attachment RM-11 identifies all of the adjustments made to the Transmission
10 Base Period amounts. In particular, please refer to Attachment RM-11, Tab 2,
11 Column G.

12 **Q. Are the Transmission O&M expenses incurred during the Base Period as**
13 **adjusted in the Adjusted Base Period and identified on Attachment RM-11**
14 **reasonable and necessary?**

15 A. Yes. All of the O&M expenses – both labor and non-labor – are reasonable and
16 necessary to ensure that the transmission system is reliably operated and maintained
17 to continue providing safe and reliable electric service to SPS's New Mexico
18 customers. The Transmission business area provides O&M services similar to
19 those required by all utilities, and SPS would not be able to provide electric service

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1 to its New Mexico customers without those O&M services. SPS's standard
2 practices include processes to manage and minimize related O&M expenses.

3 2. *Linkage Period*

4 **Q. What is the Linkage Period in this proceeding?**

5 A. SPS's Linkage Period in this proceeding begins July 1, 2022 and ends June 30,
6 2023.

7 **Q. What is "Linkage Data"?**

8 A. The term "linkage data" refers to a specific and detailed description of all line items
9 for the period of time between the end of the Base Period and the beginning of the
10 Future Test Year Period required by the rule to create a "verifiable link" between
11 Future Test Year Period data and Base Period data.³⁵ The rule states that linkage
12 data does not constitute a test period, but instead is provided for the purpose of
13 validating the information contained in the Future Test Year Period.³⁶

14 **Q. What are the estimated non-labor Transmission O&M expenses SPS expects
15 to incur during the Linkage Period?**

16 A. During the Linkage Period, the Transmission group expects to incur \$3,741,199 of
17 non-labor O&M expenses on a total company basis.

³⁵ 17.1.3.7(H) NMAC.

³⁶ *Id.*

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1 **Q. How were these amounts derived?**

2 A. SPS carried forward the amounts from the Adjusted Base Period without any
3 adjustments.

4 **Q. Please summarize the non-labor O&M expenses reflected in the FERC**
5 **accounts, FERC subaccounts, and elements of cost encompassed within the**
6 **Linkage Period data sponsored by you.**

7 A. The FERC accounts, FERC subaccounts, and elements of cost are the same as those
8 identified in the Base Period. Further, the non-labor expenses reflected in these
9 accounts are largely the same. Attachment RM-11, Tab 2 identifies all of the
10 applicable FERC accounts, FERC subaccounts, elements of cost, and expense
11 amounts.

12 **Q. Please explain the changes to Transmission non-labor O&M expenses between**
13 **the Adjusted Base Period and Linkage Period.**

14 A. There are no changes between the Adjusted Base Period and the Linkage Period.

15 **Q. Have you provided a specific and detailed description of all line items for the**
16 **Linkage Period data sponsored by you?**

17 A. Yes. Please see Attachment RM-11, Tab 2, Column J, which shows the
18 Transmission non-labor O&M costs for the Linkage Period.

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1 **Q. Are the Transmission O&M expenses SPS expects to incur during the Linkage**
2 **Period reasonable and necessary?**

3 A. Yes. All of the Linkage Period O&M expenses – both labor and non-labor – are
4 reasonable and necessary to ensure that the transmission system is reliably operated
5 and maintained to continue providing safe and reliable electric service to SPS’s
6 New Mexico customers. The Transmission business area provides O&M services
7 similar to those required by all utilities, and SPS would not be able to provide
8 electric service to its New Mexico customers without those O&M services. SPS’s
9 standard practices include processes to manage and minimize related O&M
10 expenses.

11 **Q. Is the Linkage Period data presented in a way that provides a reasonable**
12 **approximation of jurisdictional amounts for Future Test Year Period**
13 **comparison purposes?**

14 A. Yes. As explained by Ms. Niemi, the Future Test Year Period jurisdictional
15 allocators were applied to the Linkage Period data presented in Attachment RM-11.

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1 **Q. Does the Linkage Period provide verifiable information that allows**
2 **Commission Staff and Intervenors to assess the validity of the information**
3 **contained in the Future Test Year Period discussed in the next section of your**
4 **testimony?**

5 A. Yes. The linkage data presented provides the necessary support to link the Future
6 Test Year Period amounts to the Adjusted Base Period amounts.

7 *3. Future Test Year Period Data*

8 **Q. What is the Future Test Year Period?**

9 A. SPS's Future Test Year Period in this proceeding is the 12-month period beginning
10 July 1, 2023 and ending June 30, 2024.

11 **Q. What is the expected Transmission non-labor O&M expenses included in the**
12 **Future Test Year Period that SPS is requesting recovery of in this case?**

13 A. During the Future Test Year Period, the Transmission group expects to incur
14 \$3,741,199 in non-labor O&M expenses on a total company basis.

15 **Q. How were these amounts derived?**

16 A. SPS carried forward the amounts from the Adjusted Base Period without any
17 adjustments.

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1 **Q. How, if at all, do the Transmission non-labor O&M amounts used in the**
2 **Future Test Year Period relate to the Linkage Period amounts?**

3 A. The Transmission non-labor O&M costs for the Future Test Year Period are the
4 same as the Transmission non-labor O&M costs for the Linkage Period.

5 **Q. Please explain the changes between the Linkage Period Transmission non-**
6 **labor O&M expenses and the Future Test Year Period Transmission non-**
7 **labor O&M expenses.**

8 A. There are no changes. The Linkage Period and Future Test Year Period amounts
9 are the same for Transmission non-labor O&M expense.

10 **Q. How, if at all, do the Transmission non-labor O&M amounts used in the**
11 **Future Test Year Period relate to the Base Period amounts?**

12 A. As I explained earlier, SPS made certain adjustments to the Base Period
13 Transmission non-labor O&M amounts, which led to the Adjusted Base Period
14 amounts. The Future Test Year Period amounts of non-labor Transmission O&M
15 Expense are the same as the Adjusted Base Period amounts.

16 **Q. Are the FERC accounts, FERC subaccounts, and elements of cost used for the**
17 **Future Test Year Period non-labor O&M expense the same or similar to those**
18 **appearing in the Base Period and Linkage Period?**

19 A. Yes. Further, the expenses reflected in these accounts are largely the same for the
20 non-labor costs.

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1 **Q. Please summarize the expenses reflected in the FERC accounts and elements**
2 **of cost encompassed within the Future Test Year Period data sponsored by**
3 **you.**

4 A. Please refer to Attachment RM-11, Tab 2, Column L, which contains all of the
5 Future Test Year Period data for non-labor O&M expense by FERC account, FERC
6 subaccount, and element of cost.

7 **Q. Were any expenses that would have otherwise fallen within the Transmission**
8 **non-labor O&M expenses in the Future Test Year Period excluded from SPS's**
9 **request for recovery?**

10 A. None other than those I described earlier in connection with the adjustments from
11 the Base Period to the Adjusted Base Period.

12 **Q. Has SPS calculated the differences in Transmission non-labor O&M costs by**
13 **FERC account or FERC subaccount between the Adjusted Base Period and**
14 **the Future Test Year Period?**

15 A. Yes. Ms. Niemi's Attachment SNN-10, Tab 2 shows the differences by FERC
16 account or FERC account, as applicable, between the Adjusted Base Period and the
17 Future Test Year Period. This attachment contains:

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- 1 1. a column showing actual expenditures during the Adjusted Base Period;³⁷
- 2 2. a column showing the estimated expenditures during the Future Test Year
- 3 Period;
- 4 3. a column showing the variance between the two; and
- 5 4. a column providing an explanation or reference to the written testimony that
- 6 explains the differences between the Adjusted Base Period data and the
- 7 Future Test Year Period estimates.

8 **Q. What does the Future Test Year Period Rule deem a material variance in cost**
9 **between the Adjusted Base Period and Future Test Year Period?**

10 A. The Future Test Year Period Rule defines “material change” or “material variance”
11 as a change or variance in cost between the Adjusted Base Period and Future Test
12 Year Period for a FERC account that exceeds 6% and \$100,000 Total Company.³⁸

13 **Q. Did non-labor Transmission O&M costs contribute to any material changes**
14 **between the Adjusted Base Period and Future Test Year Period?**

15 A. No. As shown on Attachment RM-11, Tab 2, Column T, there were no differences
16 in Transmission non-labor O&M costs between those two periods.

17 **Q. Does this conclude your pre-filed direct testimony?**

18 A. Yes.

³⁷ As described in footnote 20, SPS has focused on Adjusted Base Period amounts here, rather than Base Period amounts, to ensure an apples-to-apples comparison.

³⁸ See 17.1.3.7(J)(1) NMAC.

BEFORE THE NEW MEXICO PUBLIC REGULATION COMMISSION

**IN THE MATTER OF SOUTHWESTERN)
PUBLIC SERVICE COMPANY’S)
APPLICATION FOR: (1) REVISION OF)
ITS RETAIL RATES UNDER ADVICE)
NOTICE NO. 312; (2) AUTHORITY TO)
ABANDON THE PLANT X UNIT 1,) CASE NO. 22-00286-UT
PLANT X UNIT 2, AND CUNNINGHAM)
UNIT 1 GENERATING STATIONS AND)
AMEND THE ABANDONMENT DATE)
OF THE TOLK GENERATING)
STATION; AND (3) OTHER)
ASSOCIATED RELIEF,)
)
SOUTHWESTERN PUBLIC SERVICE)
COMPANY,)
)
APPLICANT.)**

VERIFICATION

On this day, November 18, 2022, I, Reene Miranda, swear and affirm under penalty of perjury under the law of the State of New Mexico, that my testimony contained in Direct Testimony of Reene Miranda is true and correct.

/s/ Reene Miranda

REENE MIRANDA

Southwestern Public Service Company

Total Company Amounts and Jurisdictional Percentages

Line No.	Witness	Description	Page No.	Line No.	Total Company Amount	Number Scale	Allocator (Name)	TY Allocator (%)	NM Amount
1	Miranda	Transmission Capital Investment - Base Period	5	Table RM-1	\$ 241,215,918	Dollars	Various	Various	\$ 64,840,793
2	Miranda	Transmission Capital Investment - Linkage Period	5	Table RM-1	\$ 295,652,981	Dollars	Various	Various	\$ 88,328,055
3	Miranda	Transmission Capital Investment - Future Test Year Period	5	Table RM-1	\$ 195,196,028	Dollars	Various	Various	\$ 58,806,278
4	Miranda	Transmission Capital Investment - Base Period	21	7 & 8	\$ 241,215,918	Dollars	Various	Various	\$ 64,840,793
5	Miranda	Economic ("EC") Total Company	25	Table RM-4	\$ 430	Dollars	12CP-TRAN	26.38%	\$ 113
6	Miranda	Generation Interconnection ("GI")	25	Table RM-4	\$ 1,117,131	Dollars	Various	Various	\$ 290,633
7	Miranda	Load Interconnection ("LI")	25	Table RM-4	\$ 49,831,520	Dollars	Various	Various	\$ 13,141,335
8	Miranda	Reliability ("RE")	25	Table RM-4	\$ 103,202,100	Dollars	Various	Various	\$ 27,363,207
9	Miranda	System Refurbishment ("SR")	25	Table RM-4	\$ 58,078,091	Dollars	Various	Various	\$ 15,384,724
10	Miranda	Transmission Interconnection ("TI")	25	Table RM-4	\$ 430	Dollars	12CP-TRAN	26.38%	\$ 113
11	Miranda	Other ("OT")	25	Table RM-4	\$ 28,986,215	Dollars	Various	Various	\$ 8,660,667
12	Miranda	Total	25	Table RM-4	\$ 241,215,918	Dollars	Various	Various	\$ 64,840,793
13	Miranda	Economic ("EC") Total Company	25	9 & 10	\$ 430	Dollars	12CP-TRAN	26.38%	\$ 113
14	Miranda	TUCO Mooreland(Woodward)	26	3	\$ 860	Dollars	12CP-TRAN	26.38%	\$ 227
15	Miranda	Transmission Interconnection ("TI") Economic	26	12	\$ 430	Dollars	12CP-TRAN	26.38%	\$ 113
16	Miranda	Generation Interconnection ("GI")	26	24	\$ 1,117,131	Dollars	Various	Various	\$ 290,633
17	Miranda	Tip Top Solar	27	6	\$ 986,684	Dollars	12CP-TRAN	26.38%	\$ 260,309
18	Miranda	Load Interconnection ("LI")	27	19	\$ 49,831,520	Dollars	Various	Various	\$ 13,141,335
19	Miranda	OPIE 3 Roadrunner-China Draw 345kV	28	4&5	\$ 86,758,346	Dollars	Various	Various	\$ 22,889,794
20	Miranda	OPIE 3 Roadrunner-China Draw 345kV	28	16	\$ 43,379,173	Dollars	Various	Various	\$ 11,444,897
21	Miranda	Reliability ("RE")	29	2&3	\$ 103,202,100	Dollars	Various	Various	\$ 27,363,207
22	Miranda	OPIE 3 Roadrunner-China Draw 345kV	29	7&8	\$ 86,758,346	Dollars	Various	Various	\$ 22,889,794
23	Miranda	OPIE 3 Roadrunner-China Draw 345kV	29	19	\$ 43,379,173	Dollars	Various	Various	\$ 11,444,897
24	Miranda	Tolk DBDB 230kV Expansion	29	23	\$ 24,818,660	Dollars	Various	Various	\$ 6,569,465
25	Miranda	Tierra Blanca 115kV Substation	30	7	\$ 19,632,970	Dollars	Various	Various	\$ 5,053,968
26	Miranda	System Refurbishment ("SR")	30	27	\$ 58,078,091	Dollars	Various	Various	\$ 15,384,724
27	Miranda	Line ELR SPS	31	5	\$ 11,129,266	Dollars	12CP-TRAN	26.38%	\$ 2,936,145
28	Miranda	SPS Major Line Rebuilds	31	17	\$ 9,990,964	Dollars	12CP-TRAN	26.38%	\$ 2,635,836
29	Miranda	ELR - Breakers - SPS	31	27	\$ 7,967,402	Dollars	12CP-TRAN	26.38%	\$ 2,101,976
30	Miranda	ELR - Transformers - SPS	32	6	\$ 6,627,912	Dollars	12CP-TRAN	26.38%	\$ 1,748,589
31	Miranda	ELR - Relay - SPS	32	12	\$ 5,517,587	Dollars	Various	Various	\$ 1,457,020
32	Miranda	Z18 Tuco Hale Center Hale Co Phase 3	32	21	\$ 3,371,969	Dollars	12CP-TRAN	26.38%	\$ 889,600
33	Miranda	S&E - SPS Sub	32	27	\$ 3,011,378	Dollars	Various	Various	\$ 794,491
34	Miranda	Transmission Interconnection ("TI")	33	9	\$ 430	Dollars	12CP-TRAN	26.38%	\$ 113
35	Miranda	TUCO Mooreland (Woodward)	33	13	\$ 860	Dollars	12CP-TRAN	26.38%	\$ 227
36	Miranda	TUCO Mooreland (Woodward)	33	21&22	\$ 430	Dollars	12CP-TRAN	26.38%	\$ 113
37	Miranda	Other ("OT")	34	9	\$ 28,986,215	Dollars	Various	Various	\$ 8,660,667
38	Miranda	SPS Sub Communication Network Group 2	34	14	\$ 11,954,754	Dollars	Various	Various	\$ 3,385,948
39	Miranda	Transmission UAV Flights	35	5	\$ 5,570,019	Dollars	LABXAG:	32.44%	\$ 1,806,740
40	Miranda	Physical Security	35	22	\$ 5,291,015	Dollars	Various	Various	\$ 1,417,450
41	Miranda	Transportation - SPS	35	29	\$ 4,164,915	Dollars	LABXAG:	32.44%	\$ 1,350,968
42	Miranda	Transmission Capital Additions - Linkage Period	40	15	\$ 295,652,981	Dollars	Various	Various	\$ 88,328,055
43	Miranda	Economic ("EC")	43	Table RM-5	\$ (5,406)	Dollars	12CP-TRAN	29.24%	\$ (1,581)
44	Miranda	Generation Interconnection ("GI")	43	Table RM-5	\$ 1,638,663	Dollars	12CP-TRAN	29.24%	\$ 479,171
45	Miranda	Load Interconnection ("LI")	43	Table RM-5	\$ 8,423,600	Dollars	Various	Various	\$ 2,492,281
46	Miranda	Reliability ("RE")	43	Table RM-5	\$ 17,229,249	Dollars	Various	Various	\$ 5,228,878
47	Miranda	System Refurbishment ("SR")	43	Table RM-5	\$ 222,378,054	Dollars	Various	Various	\$ 65,125,171
48	Miranda	Transmission Interconnection ("TI")	43	Table RM-5	\$ (5,406)	Dollars	12CP-TRAN	29.24%	\$ (1,581)

Southwestern Public Service Company

Total Company Amounts and Jurisdictional Percentages

Line No.	Witness	Description	Page No.	Line No.	Total Company Amount	Number Scale	Allocator (Name)	TY Allocator (%)	NM Amount
49	Miranda	Other ("OT")	43	Table RM-5	\$ 45,994,227	Dollars	Various	Various	\$ 15,005,715
50	Miranda	Total	43	Table RM-5	\$ 295,652,981	Dollars	Various	Various	\$ 88,328,055
51	Miranda	Economic ("EC")	43	9&10	\$ (5,406)	Dollars	12CP-TRAN	29.24%	\$ (1,581)
52	Miranda	Hitchland to Woodward	44	3	\$ (10,811)	Dollars	12CP-TRAN	29.24%	\$ (3,161)
53	Miranda	Hitchland to Woodward	44	12	\$ (5,406)	Dollars	12CP-TRAN	29.24%	\$ (1,581)
54	Miranda	Generation Interconnection ("GI")	44	23&24	\$ 1,638,663	Dollars	12CP-TRAN	29.24%	\$ 479,171
55	Miranda	GEN 2010-14 Novus Wind IV, 358.8 MW	45	5&6	\$1,071,709	Dollars	12CP-TRAN	29.24%	\$ 313,384
56	Miranda	GEN-2011-025 Fiber Wind	45	11	\$315,044	Dollars	12CP-TRAN	29.24%	\$ 92,124
57	Miranda	Load Interconnection ("LI")	46	1	\$ 8,423,600	Dollars	Various	Various	\$ 2,492,281
58	Miranda	Westover 115k/13.2KV Substation	46	6	\$ 3,166,756	Dollars	12CP-TRAN	29.24%	\$ 926,009
59	Miranda	Phillips 66 WRB South	46	13	\$ 3,019,753	Dollars	Various	Various	\$ 903,430
60	Miranda	Echo DCP Sub	46	25	\$ 1,627,744	Dollars	12CP-TRAN	29.24%	\$ 475,978
61	Miranda	Echo DCP Sub	47	3	\$ 813,872	Dollars	12CP-TRAN	29.24%	\$ 237,989
62	Miranda	Reliability ("RE")	47	13&14	\$ 17,229,249	Dollars	Various	Various	\$ 5,228,878
63	Miranda	SPS SPE Fault Clearing Relay Rplmnts	47	18&19	\$ 9,874,382	Dollars	Various	Various	\$ 2,930,137
64	Miranda	RTCA-SPS	48	6	\$ 2,405,004	Dollars	LABXAG	35.21%	\$ 846,757
65	Miranda	Littlefield West Tap Rebuild	48	22	\$ 2,268,239	Dollars	12CP-TRAN	29.24%	\$ 663,268
66	Miranda	System Refurbishment ("SR")	49	5	\$ 222,378,054	Dollars	Various	Various	\$ 65,125,171
67	Miranda	SPS Major Line Rebuilds	49	10	\$ 52,750,539	Dollars	12CP-TRAN	29.24%	\$ 15,425,080
68	Miranda	ELR - Breakers - SPS	49	21	\$ 27,032,706	Dollars	12CP-TRAN	29.24%	\$ 7,904,785
69	Miranda	Line ELR SPS	50	6	\$ 20,159,187	Dollars	12CP-TRAN	29.24%	\$ 5,894,861
70	Miranda	S&E - SPS Line	50	17	\$ 14,634,158	Dollars	12CP-TRAN	29.24%	\$ 4,279,256
71	Miranda	TX PUC-HB4150	50	22	\$ 13,778,411	Dollars	12CP-TRAN	29.24%	\$ 4,029,022
72	Miranda	ELR - Transformers - SPS	50	1	\$ 12,256,116	Dollars	12CP-TRAN	29.24%	\$ 3,583,879
73	Miranda	Y58 Rebuild Ph3	50	9	\$ 9,285,751	Dollars	12CP-TRAN	29.24%	\$ 2,715,298
74	Miranda	V15 Line-Y84.4 SHWT TAP-STE A	50	15	\$ 8,303,271	Dollars	12CP-TRAN	29.24%	\$ 2,428,006
75	Miranda	ELR - Relay - SPS	50	23	\$ 8,319,880	Dollars	Various	Various	\$ 2,441,481
76	Miranda	Eagle Creek Expansion	52	1	\$ 7,540,036	Dollars	Various	Various	\$ 2,210,304
77	Miranda	SPS Major Line Refurbishment	52	13	\$ 6,115,276	Dollars	12CP-TRAN	29.24%	\$ 1,788,202
78	Miranda	Transmission Interconnection ("TI")	53	3	\$ (5,406)	Dollars	12CP-TRAN	29.24%	\$ (1,581)
79	Miranda	Hitchland to Woodward	53	7	\$ (10,811)	Dollars	12CP-TRAN	29.24%	\$ (3,161)
80	Miranda	Hitchland to Woodward	53	15	\$ (5,406)	Dollars	12CP-TRAN	29.24%	\$ (1,581)
81	Miranda	Other ("OT")	54	1	\$ 45,994,227	Dollars	Various	Various	\$ 15,005,715
82	Miranda	SPS Sub Communication Network Group 2	54	6&7	\$ 20,177,821	Dollars	Various	Various	\$ 6,261,060
83	Miranda	Transportation - SPS	54	22	\$ 8,241,023	Dollars	LABXAG	35.21%	\$ 2,901,509
84	Miranda	OT Cyber Security SPS	55	1	\$ 4,474,518	Dollars	LABXAG	35.21%	\$ 1,575,393
85	Miranda	Physical Security	55	17	\$ 4,392,585	Dollars	Various	Various	\$ 1,287,032
86	Miranda	Transmission Capital Additions - Future Test Year Period	57	8&9	\$ 195,196,028	Dollars	Various	Various	\$ 58,806,278
87	Miranda	Generation Interconnection ("GI")	60	Table RM-6	\$ (657,330)	Dollars	12CP-TRAN	29.24%	\$ (192,214)
88	Miranda	Load Interconnection ("LI")	60	Table RM-6	\$ 2,184,644	Dollars	12CP-TRAN	29.24%	\$ 638,824
89	Miranda	Reliability ("RE")	60	Table RM-6	\$ 37,747,545	Dollars	Various	Various	\$ 11,050,932
90	Miranda	System Refurbishment ("SR")	60	Table RM-6	\$ 102,949,981	Dollars	Various	Various	\$ 30,127,023
91	Miranda	Other ("OT")	60	Table RM-6	\$ 52,971,188	Dollars	Various	Various	\$ 17,181,713
92	Miranda	Total	60	Table RM-6	\$ 195,196,028	Dollars	Various	Various	\$ 58,806,278
93	Miranda	Generation Interconnection ("GI")	60	11&12	\$ (657,330)	Dollars	12CP-TRAN	29.24%	\$ (192,214)
94	Miranda	IA Tariff Fund	61	6	\$ 502,326	Dollars	12CP-TRAN	29.24%	\$ 146,888
95	Miranda	IA Tariff Fund	61	10	\$ 251,163	Dollars	12CP-TRAN	29.24%	\$ 73,444
96	Miranda	Load Interconnection ("LI")	61	21	\$ 2,184,644	Dollars	12CP-TRAN	29.24%	\$ 638,824

Southwestern Public Service Company

Total Company Amounts and Jurisdictional Percentages

Line No.	Witness	Description	Page No.	Line No.	Total Company Amount	Number Scale	Allocator (Name)	TY Allocator (%)	NM Amount
97	Miranda	OPIE 3 DCP Roadrunner T2	62	7	\$ 1,636,471	Dollars	12CP-TRAN	29.24%	\$ 478,530
98	Miranda	OPIE Phantom 2nd Xfmr Add, TAM	62	13	\$ 877,390	Dollars	12CP-TRAN	29.24%	\$ 256,563
99	Miranda	Reliability ("RE")	63	3&4	\$ 37,747,545	Dollars	Various	Various	\$11,050,932
100	Miranda	Twist Substation	63	8	\$ 20,255,877	Dollars	12CP-TRAN	29.24%	\$ 5,923,134
101	Miranda	SPS SPE Fault Clearing Relay Rplmnts	63	19&20	\$ 12,751,489	Dollars	Various	Various	\$ 3,733,443
102	Miranda	System Refurbishment ("SR")	64	9	\$ 102,949,981	Dollars	Various	Various	\$ 30,127,023
103	Miranda	ELR - Relay - SPS	64	14	\$ 22,496,748	Dollars	Various	Various	\$ 6,601,243
104	Miranda	SPS Major Line Rebuilds	65	1	\$ 22,112,178	Dollars	12CP-TRAN	29.24%	\$ 6,465,946
105	Miranda	ELR - Breakers - SPS	65	11	\$ 12,030,657	Dollars	12CP-TRAN	29.24%	\$ 3,517,952
106	Miranda	Line ELR SPS	65	20	\$ 10,959,104	Dollars	12CP-TRAN	29.24%	\$ 3,204,613
107	Miranda	TX PUC-HB4150	65	30	\$ 9,343,259	Dollars	12CP-TRAN	29.24%	\$ 2,732,115
108	Miranda	S&E - SPS Line	66	3	\$ 7,264,977	Dollars	12CP-TRAN	29.24%	\$ 2,124,393
109	Miranda	Other ("OT")	66	14	\$ 52,971,188	Dollars	Various	Various	\$ 17,181,713
110	Miranda	SPS Sub Communication Network Group 2	66	19&20	\$ 27,907,938	Dollars	Various	Various	\$ 8,715,070
111	Miranda	Transportation - SPS	67	10	\$ 11,876,650	Dollars	LABXAG	35.21%	\$ 4,181,544
112	Miranda	Physical Security	67	18	\$ 5,463,165	Dollars	Various	Various	\$ 1,597,551

Base Period Transmission plant allocated based on 12CP-TRAN (26.38%). Ending Transmission Plant Balances Assigned According to Radial Line Study. General and Intangible plant allocated based on LABXAG (32.44%) Linkage and Future Test Year Period Transmission plant allocated based on 12CP-TRAN (29.24%). Ending Transmission Plant Balances Assigned According to Radial Line Study. General and Intangible plant allocated based on LABXAG (35.21%).

Southwestern Public Service Company

Transmission Capital Additions by Work Order for the Base Period of July 1, 2021, through June 30, 2022
Plant Additions by Asset Class and Witness

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Base Period Total Company	Additions to Plant-in-Service Base Period NM Retail
1	Electric Transmission	Miranda	OT	A.0000710.014	Nichols Physical Security INFR Tx	12/27/2021	\$ 2,598,172	\$ 685,455
2	Electric Transmission	Miranda	OT	A.0000710.015	Potter Physical Security INFR TX	11/17/2020	(1,436.67)	(379.03)
3	Electric Transmission	Miranda	GI	A.0000105.005	Tolk Terminal Upgrades	3/14/2018	105,440.21	27,817.45
4	Electric Transmission	Miranda	GI	A.0000105.007	Plant X Terminal Upgrades TX	8/30/2021	(18.19)	(4.80)
5	Electric Transmission	Miranda	RE	A.0000126.005	Artesia Cty Club Line	11/22/2019	(33,348.37)	(8,798.03)
6	Electric Transmission	Miranda	SR	A.0000153.011	Z08 Switch Replacements	2/26/2021	(1,528.88)	(403.35)
7	Electric Transmission	Miranda	SR	A.0000153.012	Z50 Muleshoe West Switch	12/21/2020	21,382.26	5,641.11
8	Electric Transmission	Miranda	SR	A.0000153.013	V49.1 Switch 7998 Replacement	10/29/2021	249,325.89	65,777.66
9	Electric Transmission	Miranda	SR	A.0000153.014	Z46.1 Sw 7797 Rplcmnt	12/12/2021	490,193.20	129,323.75
10	Electric Transmission	Miranda	SR	A.0000153.019	Z18 Rplc Sw 9703	10/29/2021	293,151.26	77,339.75
11	Electric Transmission	Miranda	SR	A.0000153.021	V38, Rplc Sw 1975	10/29/2021	371,637.38	98,046.12
12	Electric Transmission	Miranda	SR	A.0000220.006	SPS S&E, Sub	Routine	1,743,154.31	459,882.46
13	Electric Transmission	Miranda	SR	A.0000220.018	SPS NM S&E, Sub	Routine	733,095.43	193,406.70
14	Electric Transmission	Miranda	SR	A.0000220.026	SPS 2015 OK SE Sub	Routine	16,356.46	4,315.19
15	Electric Transmission	Miranda	SR	A.0000220.036	PCA Capbank Rplmt NM	3/31/2021	(298,783.38)	(78,825.63)
16	Electric Transmission	Miranda	SR	A.0000220.037	Cox Int Differential Upgrades	12/21/2020	(1,389.29)	(366.53)
17	Electric Transmission	Miranda	SR	A.0000220.040	Tuco Brk NR10	11/23/2021	818,563.87	215,955.16
18	Electric Transmission	Miranda	SR	A.0000286.023	Tolk Reactors	5/31/2022	291,817.25	76,987.81
19	Electric Transmission	Miranda	RE	A.0000290.001	Eddy County Dbl Bus Dbl Brkr 230kV	12/19/2019	(9,636.06)	(2,542.20)
20	Electric Transmission	Miranda	SR	A.0000303.007	SPS S&E B 230kV, Line	Routine	451,762.77	119,184.96
21	Electric Transmission	Miranda	SR	A.0000303.040	SPS S&E 69kV Line NM	Routine	56,217.82	14,831.50
22	Electric Transmission	Miranda	SR	A.0000303.041	SPS S&E 115kV Line NM	Routine	398,230.69	105,062.02
23	Electric Transmission	Miranda	SR	A.0000303.042	SPS S&E 230kV Line NM	Routine	246,116.66	64,930.99
24	Electric Transmission	Miranda	SR	A.0000303.043	SPS S&E 345kV Line NM	Routine	29,352.11	7,743.73
25	Electric Transmission	Miranda	SR	A.0000303.044	SPS S&E 69kV Line TX	Routine	837,146.42	220,857.64
26	Electric Transmission	Miranda	SR	A.0000303.045	SPS S&E 115kV Line TX	Routine	746,043.14	196,822.59
27	Electric Transmission	Miranda	SR	A.0000303.046	SPS S&E 345kV Line TX	Routine	(14,618.91)	(3,856.79)
28	Electric Transmission	Miranda	SR	A.0000303.049	SPS S&E 345kV Line OK	Routine	5,047.28	1,331.58
29	Electric Transmission	Miranda	SR	A.0000303.050	SPS S&E 345kV Line KS	Routine	222,504.99	58,701.71
30	Electric Transmission	Miranda	SR	A.0000303.065	W24 Str Rpl PPR	12/21/2020	(477.48)	(125.97)
31	Electric Transmission	Miranda	SR	A.0000303.066	V13 Str Rpl PPR	3/31/2021	87,303.38	23,032.55
32	Electric Transmission	Miranda	SR	A.0000303.070	T42 Str Rpl PPR	10/30/2020	(669,042.74)	(176,508.19)
33	Electric Transmission	Miranda	SR	A.0000303.071	T60 Str Rpl PPR	12/21/2020	59,643.83	15,735.35
34	Electric Transmission	Miranda	SR	A.0000303.072	T62 Str Rpl PPR	2/26/2021	16.65	4.39
35	Electric Transmission	Miranda	SR	A.0000303.073	Z76 Str Rpl PPR	12/21/2020	10,022.41	2,644.13
36	Electric Transmission	Miranda	SR	A.0000303.074	T99 Str Rpl PPR	2/26/2021	(36,353.96)	(9,590.97)

Southwestern Public Service Company

Transmission Capital Additions by Work Order for the Base Period of July 1, 2021, through June 30, 2022
Plant Additions by Asset Class and Witness

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Base Period Total Company	Additions to Plant-in-Service Base Period NM Retail
37	Electric Transmission	Miranda	SR	A.0000303.075	U04 Str Rpl PPR	10/30/2020	(11,767.37)	(3,104.49)
38	Electric Transmission	Miranda	SR	A.0000303.077	Y80 Str Rpl PPR	3/31/2021	59,333.53	15,653.49
39	Electric Transmission	Miranda	SR	A.0000303.078	Y50 Str Rpl PPR	4/30/2021	569.15	150.15
40	Electric Transmission	Miranda	SR	A.0000303.079	W35 Str Rpl PPR	10/30/2020	30,544.81	8,058.39
41	Electric Transmission	Miranda	SR	A.0000303.081	T82 Str Rpl PPR	10/30/2020	(140,284.10)	(37,010.03)
42	Electric Transmission	Miranda	SR	A.0000303.082	T84 Str Rpl PPR	10/30/2020	15,259.93	4,025.91
43	Electric Transmission	Miranda	SR	A.0000303.084	W36 Str Rpl PPR	1/29/2021	3,235.44	853.58
44	Electric Transmission	Miranda	SR	A.0000303.085	T30 Str Rpl PPR	10/30/2020	(157,996.32)	(41,682.91)
45	Electric Transmission	Miranda	SR	A.0000303.088	W74 Str Rpl PPR	12/21/2020	382.14	100.82
46	Electric Transmission	Miranda	GI	A.0000350.008	Lea County Plains 115kV Sub Term Up	5/31/2019	40,038.43	10,563.02
47	Electric Transmission	Miranda	SR	A.0000401.050	East Plant 2K50 Relay Replacement	12/20/2019	226.89	59.86
48	Electric Transmission	Miranda	SR	A.0000401.064	Yoakum Relay Upgrade V99 Term	12/21/2020	5,244.48	1,383.61
49	Electric Transmission	Miranda	SR	A.0000401.065	Plains Relay Upgrade V99 Term	12/21/2020	387.47	102.22
50	Electric Transmission	Miranda	SR	A.0000401.066	Floyd Co Y77/Z36 Relay Rplcmnts	3/31/2021	(720.40)	(190.06)
51	Electric Transmission	Miranda	SR	A.0000401.077	Hale Z63-8740 Relay Upgrd	3/31/2022	223,763.28	59,033.68
52	Electric Transmission	Miranda	SR	A.0000401.078	Hale Z18-8736 Relay Upgrd	3/31/2022	261,136.88	68,893.65
53	Electric Transmission	Miranda	SR	A.0000401.079	Crosby Y84-7805 Relay Upgrd	5/25/2022	239,381.22	63,154.03
54	Electric Transmission	Miranda	SR	A.0000401.080	Lamb Co, V13 Relay Upgrades	2/25/2022	631,191.36	166,522.17
55	Electric Transmission	Miranda	SR	A.0000401.081	East Plant, V43 Relay Upgrades	10/29/2021	522,079.36	137,736.02
56	Electric Transmission	Miranda	SR	A.0000401.082	Osage, V43 Relay Upgrades	10/29/2021	442,715.27	116,798.03
57	Electric Transmission	Miranda	SR	A.0000401.085	PCA T23 Relay Upgrd	5/25/2022	505,213.06	133,286.32
58	Electric Transmission	Miranda	SR	A.0000401.086	Potash T23 Relay Upgrd	5/25/2022	530,491.78	139,955.40
59	Electric Transmission	Miranda	SR	A.0000401.087	Cunningham, SEL 2BFR Rplcmnt	5/25/2022	527,660.65	139,208.49
60	Electric Transmission	Miranda	SR	A.0000401.088	Grassland, SEL 2BFR Rplcmnt	5/25/2022	342,199.12	90,279.66
61	Electric Transmission	Miranda	SR	A.0000401.091	Potter Co, SEL 2BFR Rplcmnt	6/23/2021	0.95	0.25
62	Electric Transmission	Miranda	SR	A.0000401.092	Sundown, SEL 2BFR Rplcmnt	5/25/2022	453,325.64	119,597.28
63	Electric Transmission	Miranda	SR	A.0000401.094	Amarillo South T75 Relay Upgrade	11/23/2021	319,122.52	84,191.54
64	Electric Transmission	Miranda	SR	A.0000401.095	Osage T75 Relay Upgrade	11/23/2021	455,071.35	120,057.83
65	Electric Transmission	Miranda	SR	A.0000401.150	Eddy Co DFR	5/31/2022	36,646.20	9,668.07
66	Electric Transmission	Miranda	RE	A.0000424.093	Road Runner Sub 345kV Conv_UID	4/30/2018	(17,005.07)	(4,486.31)
67	Electric Transmission	Miranda	RE	A.0000424.108	Kiowa-Eddy Co 345kV Line	11/17/2020	7,414.19	1,956.03
68	Electric Transmission	Miranda	RE	A.0000424.111	Eddy Co 345kV 4 Brkr Ring-Kiow	11/17/2020	(6,532.04)	(1,723.30)
69	Electric Transmission	Miranda	RE	A.0000424.113	Kiowa 345kV Eddy Co Term Sub	11/17/2020	15,332.24	4,044.98
70	Electric Transmission	Miranda	LI	A.0000424.243	Medanos Sub Tam	10/30/2020	(2,734.50)	(721.42)
71	Electric Transmission	Miranda	LI	A.0000424.266	OPIE 3 W 39 RblD PHTM RDBF	10/30/2020	(778,569.25)	(205,403.70)
72	Electric Transmission	Miranda	LI	A.0000424.270	Lynch Sub TAM	5/29/2021	8,935.67	2,357.43

Southwestern Public Service Company

Transmission Capital Additions by Work Order for the Base Period of July 1, 2021, through June 30, 2022
Plant Additions by Asset Class and Witness

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Base Period Total Company	Additions to Plant-in-Service Base Period NM Retail
73	Electric Transmission	Miranda	LI	A.0000424.271	U39 Quahada to Lynch	4/30/2021	39,966.47	10,544.03
74	Electric Transmission	Miranda	LI	A.0000424.272	U38 Lynch to Maddox	4/30/2021	33,847.88	8,929.82
75	Electric Transmission	Miranda	RE	A.0000424.274	K23 Term Str Replacement	2/17/2020	12,996.18	3,428.68
76	Electric Transmission	Miranda	RE	A.0000424.275	CRSR SER1 345kV J16 Relay	10/30/2020	1,359.71	358.72
77	Electric Transmission	Miranda	LI	A.0000424.296	Quahada Relay Upgrade, U39 Term	5/29/2021	11,562.60	3,050.47
78	Electric Transmission	Miranda	LI	A.0000424.297	Maddox Relay Upgrade, U38 Term	4/30/2021	7,991.50	2,108.33
79	Electric Transmission	Miranda	LI	A.0000424.298	U-28 Rebuild	9/30/2021	724,519.47	191,144.18
80	Electric Transmission	Miranda	SR	A.0000427.019	J14 Lidar Mitigation	2/25/2022	514,320.05	135,688.94
81	Electric Transmission	Miranda	SR	A.0000469.018	U12 Reconductor	12/21/2020	(41,139.32)	(10,853.46)
82	Electric Transmission	Miranda	SR	A.0000469.019	J01 Rplc Insulators	4/30/2021	83,454.76	22,017.20
83	Electric Transmission	Miranda	RE	A.0000481.001	ink basin substation	5/11/2019	434.69	114.68
84	Electric Transmission	Miranda	RE	A.0000481.012	New 230/115kV Transformer	12/28/2018	(3,924.89)	(1,035.47)
85	Electric Transmission	Miranda	RE	A.0000494.001	Seminole Xfmr 1	12/19/2018	(14,437.54)	(3,808.94)
86	Electric Transmission	Miranda	RE	A.0000494.002	Seminole Xfmr 2	4/30/2019	58.08	15.32
87	Electric Transmission	Miranda	SR	A.0000499.011	SPS ELR 115kV NM 2016	Routine	724,659.75	191,181.19
88	Electric Transmission	Miranda	SR	A.0000499.022	Z61 ELR Maintenance	5/29/2021	21,014.34	5,544.05
89	Electric Transmission	Miranda	SR	A.0000499.032	K59 Str Rpl	12/21/2020	(4,389.13)	(1,157.95)
90	Electric Transmission	Miranda	SR	A.0000499.041	V04 Str Rpl	2/26/2021	16,425.81	4,333.49
91	Electric Transmission	Miranda	SR	A.0000499.043	V43 Str Rpl	2/26/2021	16,897.21	4,457.86
92	Electric Transmission	Miranda	SR	A.0000499.051	T94 Str Rpl NM	2/26/2021	52,396.90	13,823.46
93	Electric Transmission	Miranda	SR	A.0000499.053	Y56 Str Rpl	3/31/2021	4,078.51	1,076.00
94	Electric Transmission	Miranda	SR	A.0000499.055	U21 Str Rplc	10/30/2020	162,605.07	42,898.79
95	Electric Transmission	Miranda	SR	A.0000499.056	Z05 Str Rplc	12/27/2021	169,296.15	44,664.05
96	Electric Transmission	Miranda	SR	A.0000499.057	W29 Str Rpl	10/31/2021	606,885.41	160,109.72
97	Electric Transmission	Miranda	SR	A.0000499.058	T54 Str Rpl	7/30/2021	793,407.41	209,318.33
98	Electric Transmission	Miranda	SR	A.0000499.059	V56 Str Rpl	4/30/2021	31,541.69	8,321.39
99	Electric Transmission	Miranda	SR	A.0000499.060	V37 Str Rpl	5/31/2022	513,978.19	135,598.75
100	Electric Transmission	Miranda	SR	A.0000499.061	V33 Str Rpl	4/30/2021	195,558.48	51,592.63
101	Electric Transmission	Miranda	SR	A.0000499.062	K90 Str Rpl	8/31/2021	4,238,084.50	1,118,099.93
102	Electric Transmission	Miranda	SR	A.0000499.064	T87 Str Rpl	4/30/2021	(6,521.90)	(1,720.62)
103	Electric Transmission	Miranda	SR	A.0000499.069	J14 Line	2/24/2022	219,937.04	58,024.23
104	Electric Transmission	Miranda	SR	A.0000499.070	K37 Line ELR	10/29/2021	194,399.18	51,286.78
105	Electric Transmission	Miranda	SR	A.0000499.072	K53 Line ELR	4/30/2021	(2,163.10)	(570.67)
106	Electric Transmission	Miranda	SR	A.0000499.073	V34 Line ELR	12/27/2021	436,361.49	115,121.76
107	Electric Transmission	Miranda	SR	A.0000499.074	Y92 Line ELR	12/27/2021	348,907.01	92,049.35
108	Electric Transmission	Miranda	SR	A.0000499.075	Y93 Line ELR	11/23/2021	421,777.50	111,274.18

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Base Period Total Company	Additions to Plant-in-Service Base Period NM Retail
109	Electric Transmission	Miranda	SR	A.0000499.076	Z36 Line	2/24/2022	142,780.03	37,668.51
110	Electric Transmission	Miranda	SR	A.0000499.077	Z41 Line ELR	12/30/2021	264,988.59	69,909.82
111	Electric Transmission	Miranda	SR	A.0000499.089	T07 Line ELR	3/31/2022	198,185.34	52,285.65
112	Electric Transmission	Miranda	SR	A.0000499.091	W12 Line ELR	6/29/2022	51,802.75	13,666.71
113	Electric Transmission	Miranda	SR	A.0000499.092	T74 Line ELR	11/29/2021	11,849.56	3,126.17
114	Electric Transmission	Miranda	SR	A.0000499.100	T91 LINE ELR	6/30/2022	83,080.72	21,918.52
115	Electric Transmission	Miranda	SR	A.0000499.101	T89 LINE ELR	5/31/2022	317,407.90	83,739.19
116	Electric Transmission	Miranda	SR	A.0000499.104	R06 LINE ELR	6/29/2022	122,147.53	32,225.21
117	Electric Transmission	Miranda	SR	A.0000499.105	R05 LINE ELR	5/31/2022	266,615.80	70,339.11
118	Electric Transmission	Miranda	SR	A.0000499.108	J05-KS LINE ELR	3/31/2022	388,306.06	102,443.68
119	Electric Transmission	Miranda	SR	A.0000499.117	T68 LINE ELR	2/22/2022	42,233.54	11,142.14
120	Electric Transmission	Miranda	SR	A.0000499.118	W91 LINE ELR	2/22/2022	25,413.39	6,704.61
121	Electric Transmission	Miranda	SR	A.0000499.123	Z05 LINE ELR	4/29/2022	59,317.54	15,649.27
122	Electric Transmission	Miranda	RE	A.0000511.026	K39 LPL Line Reterm at Carlisle	2/28/2018	73,461.32	19,380.71
123	Electric Transmission	Miranda	SR	A.0000514.004	Carlsbad 115kV Switch Replacement	5/29/2020	1,446.02	381.49
124	Electric Transmission	Miranda	SR	A.0000514.005	PCA V61 Sub Relay Upg-Carlsbad	2/26/2021	(26.62)	(7.02)
125	Electric Transmission	Miranda	GI	A.0000537.001	Novus Wind IV - Hitchland Sub	12/15/2017	57,347.02	15,129.41
126	Electric Transmission	Miranda	SR	A.0000538.024	W21 Line, ROW	Routine	1,008,059.28	265,948.22
127	Electric Transmission	Miranda	SR	A.0000538.031	Z51 Line Rebuild PH-1	5/31/2022	3,791,377.81	1,000,248.88
128	Electric Transmission	Miranda	SR	A.0000538.041	V16 Rbld FM 2196-Hwy 82, Line	5/27/2022	5,039,951.49	1,329,650.09
129	Electric Transmission	Miranda	SR	A.0000538.044	T04 Str Raise, Z51 Rbld PH1	5/31/2022	104,217.79	27,494.95
130	Electric Transmission	Miranda	SR	A.0000538.045	V02 Tline Highland Park, ROW	Routine	47,358.09	12,494.11
131	Electric Transmission	Miranda	OT	A.0000588.036	Industrial RTU Rplcmnt, Sub	4/30/2021	26,034.40	6,868.45
132	Electric Transmission	Miranda	OT	A.0000588.037	Gray Co RTU Rplcmnt, Sub	1/29/2021	(625.53)	(165.03)
133	Electric Transmission	Miranda	RE	A.0000635.001	W-26 Cunningham-Monument Tap wreck	12/18/2019	303.02	79.94
134	Electric Transmission	Miranda	RE	A.0000635.003	Oil Center W-26 line terminal upgra	5/27/2022	279,693.55	73,789.31
135	Electric Transmission	Miranda	RE	A.0000635.006	Cunningham Wave Trap W26 Term	4/29/2022	783,020.70	206,578.09
136	Electric Transmission	Miranda	SR	A.0000640.029	Hale Co 3744,3903,3911,3915 Brkr Rp	11/17/2020	(1,974,636.99)	(520,952.68)
137	Electric Transmission	Miranda	SR	A.0000640.041	Coulter Sub Rplc Brkr 2964	11/23/2021	598,684.16	157,946.05
138	Electric Transmission	Miranda	SR	A.0000640.042	Eddy Co Siemens SVC HMI 4K75 Breake	12/21/2020	(363.27)	(95.84)
139	Electric Transmission	Miranda	SR	A.0000640.045	Hereford Int 2820/2821 Bkr	5/31/2022	1,194,200.90	315,056.47
140	Electric Transmission	Miranda	SR	A.0000640.050	Cochran Co, Rplc Brkr 7840	5/31/2022	469,052.97	123,746.49
141	Electric Transmission	Miranda	SR	A.0000640.051	Denver City, Rplc Brkr W700	2/25/2022	719,053.17	189,702.05
142	Electric Transmission	Miranda	SR	A.0000640.052	Denver City, Rplc Brkr W740	3/31/2022	548,822.24	144,791.38
143	Electric Transmission	Miranda	SR	A.0000640.053	Denver City, Rplc Brkr W750	5/31/2022	517,110.65	136,425.17
144	Electric Transmission	Miranda	SR	A.0000640.060	Carlisle, Rplc Brkr 6935	5/31/2022	529,327.03	139,648.12

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Base Period Total Company	Additions to Plant-in-Service Base Period NM Retail
145	Electric Transmission	Miranda	SR	A.0000640.062	Carlisle, Rplc Brkr 6890	6/23/2021	0.07	0.02
146	Electric Transmission	Miranda	SR	A.0000640.063	Carlisle, Rplc Brkr 6920	4/29/2022	593,150.20	156,486.07
147	Electric Transmission	Miranda	SR	A.0000640.066	Cochran Co, Rplc Brkr 7845	4/26/2022	501,831.31	132,394.14
148	Electric Transmission	Miranda	SR	A.0000640.067	Happy, Rplc Brkr 3765	6/30/2021	33,577.72	8,858.54
149	Electric Transmission	Miranda	SR	A.0000640.098	Carlsbad C930 - NTC	4/30/2021	(113,769.23)	(30,014.83)
150	Electric Transmission	Miranda	SR	A.0000640.099	Hale Co Breaker 3903 3911 3915 NTC	9/30/2021	2,702,928.73	713,092.07
151	Electric Transmission	Miranda	SR	A.0000640.105	Tuco, Rplc Brkr NR05	5/31/2022	793,122.11	209,243.06
152	Electric Transmission	Miranda	SR	A.0000640.106	Roosevelt, Rplc Brkr 4K25	12/26/2021	256,338.03	67,627.61
153	Electric Transmission	Miranda	SR	A.0000640.123	Harrington FK40, Brkr Replc	4/29/2022	598,971.87	158,021.96
154	Electric Transmission	Miranda	EC/TI	A.0000665.005	TUCO Mooreland Woodward TX RO	Routine	859.98	226.88
155	Electric Transmission	Miranda	RE	A.0000673.021	TUCO-Yoakum 345kV Line_UID 504	5/29/2020	48,674.55	12,841.42
156	Electric Transmission	Miranda	RE	A.0000673.022	TUCO-Yoakum 345kV ROW_UID 5044	Routine	97,022.05	25,596.55
157	Electric Transmission	Miranda	RE	A.0000673.027	TUCO 345kV Sub Reactor/Y Term_	10/30/2020	(8,128.14)	(2,144.38)
158	Electric Transmission	Miranda	RE	A.0000673.029	Yoakum 345kV Sub Reactor/TUCO	11/21/2020	3,537.90	933.38
159	Electric Transmission	Miranda	RE	A.0000673.030	Yoakum 345kV Sub Reactor/Hobbs	5/31/2019	(2,633.99)	(694.90)
160	Electric Transmission	Miranda	RE	A.0000673.031	Yoakum Sub Xmfr 345kV/230KV_UI	5/31/2019	32.83	8.66
161	Electric Transmission	Miranda	RE	A.0000673.039	Hobbs Sub 345kV Yoakum Reator	5/31/2019	46.69	12.32
162	Electric Transmission	Miranda	OT	A.0000710.046	Harrington Phys Sec INFR Tx	6/29/2022	2,338,126.90	616,849.32
163	Electric Transmission	Miranda	RE	A.0000781.013	Bushland Relay	3/20/2020	(26,466.36)	(6,982.41)
164	Electric Transmission	Miranda	OT	A.0000795.001	SPS Sub Comm Network Group 1 L	Routine	(55,460.34)	(14,631.66)
165	Electric Transmission	Miranda	OT	A.0000795.002	SPS Sub Comm Network Group 1 S	Routine	1,532.87	404.40
166	Electric Transmission	Miranda	OT	A.0000795.005	SPS Sub Comm Network Group 1 L 230k	Routine	25,882.07	6,828.26
167	Electric Transmission	Miranda	OT	A.0000795.013	PTCO Fiber Ring Sub	12/21/2020	0.04	0.01
168	Electric Transmission	Miranda	OT	A.0000795.016	HRST-EAPL K-44 230kV Line	12/21/2020	(469.49)	(123.86)
169	Electric Transmission	Miranda	SR	A.0000822.006	Roswell 115/69kV XFMR Upgrades	2/25/2022	6,627,911.52	1,748,588.88
170	Electric Transmission	Miranda	RE	A.0000842.007	Plant X-Castro Carrier Equipment	5/15/2020	1,113.67	293.81
171	Electric Transmission	Miranda	OT	A.0000863.011	W77 Fiber, Line	4/30/2021	15,369.07	4,054.70
172	Electric Transmission	Miranda	OT	A.0000863.014	K10 Fiber, Line	4/30/2021	(69,114.60)	(18,233.95)
173	Electric Transmission	Miranda	OT	A.0000863.015	T25 Fiber, Line	5/31/2022	694,288.01	183,168.45
174	Electric Transmission	Miranda	OT	A.0000863.023	T71 Fiber, Line	10/29/2021	1,334,357.84	352,032.96
175	Electric Transmission	Miranda	OT	A.0000863.036	T75 Fiber, Line	12/12/2021	1,193,814.31	314,954.48
176	Electric Transmission	Miranda	OT	A.0000863.037	T72 Fiber, Line	10/29/2021	626,468.23	165,276.10
177	Electric Transmission	Miranda	OT	A.0000863.038	T27 Fiber, Line	4/26/2022	2,746,072.21	724,474.27
178	Electric Transmission	Miranda	OT	A.0000863.090	T74 Fiber, Line	5/27/2022	28,104.62	7,414.62
179	Electric Transmission	Miranda	OT	A.0000863.091	K31 Fiber, Line	5/31/2022	513,365.91	135,437.22
180	Electric Transmission	Miranda	OT	A.0000863.092	T79 Fiber, Line	5/31/2022	23,984.65	6,327.68

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Base Period Total Company	Additions to Plant-in-Service Base Period NM Retail
181	Electric Transmission	Miranda	OT	A.0000863.093	V44 Fiber, Line	4/26/2022	744,036.84	196,293.29
182	Electric Transmission	Miranda	OT	A.0000863.094	T86 Fiber, Line	4/29/2022	271,909.03	71,735.58
183	Electric Transmission	Miranda	OT	A.0000879.008	J06 BLM Permit 20 Year	2/26/2021	39,984.40	10,548.76
184	Electric Transmission	Miranda	OT	A.0000879.010	TDC K98 Dallam-Channing Easement-10	12/27/2021	4,120.50	1,087.08
185	Electric Transmission	Miranda	OT	A.0000879.012	Y58 Permit Renewal	Routine	5,955.48	1,571.19
186	Electric Transmission	Miranda	OT	A.0000879.013	Y61 Permit Renewal	Routine	5,955.48	1,571.19
187	Electric Transmission	Miranda	OT	A.0000879.014	Y63 Permit Renewal	Routine	5,925.47	1,563.27
188	Electric Transmission	Miranda	OT	A.0000879.015	Z67 Permit Renewal	Routine	11,192.58	2,952.85
189	Electric Transmission	Miranda	OT	A.0000879.016	J26 Permit Renewal - OK	Routine	208,379.88	54,975.20
190	Electric Transmission	Miranda	GI/LI	A.0000888.002	XTO Tap 3 Way Switch Transmission	11/22/2019	55,021.58	14,515.90
191	Electric Transmission	Miranda	GI/LI	A.0000888.003	Cornell Sub - XTO	3/31/2021	(52,446.24)	(13,836.47)
192	Electric Transmission	Miranda	GI	A.0000902.001	Hale Co Wind 230kV Terminal at	2/18/2019	(5,906.27)	(1,558.20)
193	Electric Transmission	Miranda	RE	A.0000916.004	Deaf Smith 230kV Breaker ADD S	10/30/2019	(2,515.31)	(663.59)
194	Electric Transmission	Miranda	RE	A.0000979.001	115Line Mustang-Shell Trans Po	4/30/2019	231.82	61.16
195	Electric Transmission	Miranda	RE	A.0000979.002	Denver City -Shell ReTerm Tran	4/30/2019	38.74	10.22
196	Electric Transmission	Miranda	RE	A.0000979.007	Mustang Sub Sub Portion Sub	4/29/2019	264.39	69.75
197	Electric Transmission	Miranda	RE	A.0000979.010	Shell Substation Sub Portion	4/22/2019	180.75	47.69
198	Electric Transmission	Miranda	RE	A.0001005.001	Hale to Cox V07	5/29/2021	(1,468,044.23)	(387,302.37)
199	Electric Transmission	Miranda	RE	A.0001005.002	Y74 Section rebuild	3/31/2021	(97,812.51)	(25,805.09)
200	Electric Transmission	Miranda	RE	A.0001005.003	Z18 HACO Tap Rebuild	10/30/2020	(20,298.00)	(5,355.06)
201	Electric Transmission	Miranda	RE	A.0001005.004	K01 Structure Raise	12/21/2020	12,189.07	3,215.74
202	Electric Transmission	Miranda	RE	A.0001005.005	V07 Rebuild ROW	Routine	40,944.05	10,801.94
203	Electric Transmission	Miranda	RE	A.0001005.006	Z18 ROW	Routine	71,798.44	18,942.01
204	Electric Transmission	Miranda	LI	A.0001022.007	V29 Tap	10/30/2020	(14,153.79)	(3,734.08)
205	Electric Transmission	Miranda	LI	A.0001022.008	White Deer Sub Highside	8/30/2021	(2.76)	(0.73)
206	Electric Transmission	Miranda	RE	A.0001030.001	Mustang - Seminole New 115kV Line	12/21/2020	14,448.04	3,811.71
207	Electric Transmission	Miranda	RE	A.0001030.005	Mustang Sub - Terminal Upgrade	12/21/2020	(380,872.31)	(100,482.50)
208	Electric Transmission	Miranda	RE	A.0001030.007	Seminole Sub - Terminal Upgrade	12/21/2020	(154.85)	(40.85)
209	Electric Transmission	Miranda	RE	A.0001030.008	W11 2 55/59 Circuit DC with U25	11/17/2020	(121,103.99)	(31,949.90)
210	Electric Transmission	Miranda	RE	A.0001030.009	W13 1 62/53 Circuit DC with U25	11/17/2020	7,484.34	1,974.53
211	Electric Transmission	Miranda	RE	A.0001033.004	Northwest to Rolling Hills 115kV, W	5/29/2021	373,524.61	98,544.01
212	Electric Transmission	Miranda	RE	A.0001033.005	Rolling Hills-NW K59 Line	5/29/2021	71,500.11	18,863.30
213	Electric Transmission	Miranda	RE	A.0001033.006	Rolling Hills-NW K85 Line	5/29/2021	(5,997.21)	(1,582.20)
214	Electric Transmission	Miranda	RE	A.0001033.007	Rolling Hills W46 Terminal Sub	5/29/2021	18,629.16	4,914.78
215	Electric Transmission	Miranda	RE	A.0001033.008	Northwest W46 Terminal Sub	5/29/2021	16,492.63	4,351.12
216	Electric Transmission	Miranda	RE	A.0001041.002	Sundown V55 Term Upgrade	11/21/2020	23,876.45	6,299.13

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217	Electric Transmission	Miranda	RE	A.0001041.004	Denver City, V16 Terminal Upgrade	5/29/2021	19,788.76	5,220.71
218	Electric Transmission	Miranda	RE	A.0001041.005	Terry Co, V16 Terminal Upgrade	5/29/2021	8,562.68	2,259.02
219	Electric Transmission	Miranda	RE	A.0001041.009	K53 Term Upgrade Grapevine Nichols	11/21/2020	(375.07)	(98.95)
220	Electric Transmission	Miranda	RE	A.0001044.002	Castro Co 115kV Sub Term Upgrade	10/29/2021	269,651.94	71,140.11
221	Electric Transmission	Miranda	RE	A.0001044.003	Deaf Smith 115kV Sub Term Upgrade U	10/31/2021	426,392.68	112,491.77
222	Electric Transmission	Miranda	RE	A.0001044.004	Hereford 115kV Sub Term Upgrade U44	10/29/2021	453,373.47	119,609.90
223	Electric Transmission	Miranda	RE	A.0001044.005	Hereford NE 115kV Sub Term Upgrade	11/23/2021	196,416.17	51,818.91
224	Electric Transmission	Miranda	RE	A.0001044.008	Tierra Blanca 115kV Sub	11/23/2021	10,683,023.18	2,818,416.56
225	Electric Transmission	Miranda	RE	A.0001044.012	U42 DSTG-TIBL 115kV T-Line	10/29/2021	1,234,224.67	325,615.62
226	Electric Transmission	Miranda	RE	A.0001044.013	U47 TIBL-CAWE 115kV T-line	10/29/2021	203,327.44	53,642.25
227	Electric Transmission	Miranda	RE	A.0001044.014	U48 TIBL-CSCO 115kV T-Line	10/29/2021	80,578.35	21,258.34
228	Electric Transmission	Miranda	RE	A.0001044.015	U46 TIBL-HFNE 115kV T-Line	11/23/2021	173,302.88	45,721.11
229	Electric Transmission	Miranda	RE	A.0001044.017	U44 TIBL-HFRD 115kV T-line	10/29/2021	646,956.39	170,681.33
230	Electric Transmission	Miranda	RE	A.0001044.018	U43 DSTG-TIBL 115kV T-Line	10/29/2021	584,570.18	154,222.47
231	Electric Transmission	Miranda	RE	A.0001044.020	U45 TIBL-HFRD 115kV T-line	11/23/2021	531,924.96	140,333.51
232	Electric Transmission	Miranda	RE	A.0001044.021	Canyon West 115kV Sub Term Upgrade	11/23/2021	275,246.21	72,616.01
233	Electric Transmission	Miranda	RE	A.0001044.023	Deaf Smith 115kV Sub Term Upgrade-U	11/23/2021	629,380.47	166,044.42
234	Electric Transmission	Miranda	RE	A.0001044.024	Hereford 115kV Sub Term Upgrade-U45	11/23/2021	259,161.78	68,372.58
235	Electric Transmission	Miranda	RE	A.0001044.027	Deaf Smith 115kV Bus Split	1/22/2022	1,066,862.24	281,461.73
236	Electric Transmission	Miranda	RE	A.0001044.031	K11 Str Change W40	10/29/2021	918,391.28	242,291.83
237	Electric Transmission	Miranda	RE	A.0001044.032	K21 Str Change W40	10/29/2021	523,949.71	138,229.46
238	Electric Transmission	Miranda	RE	A.0001045.001	K18 230kV Re-term	2/28/2022	571,821.73	150,859.15
239	Electric Transmission	Miranda	RE	A.0001045.002	K25 230kV Re-term	10/29/2021	446,971.68	117,920.96
240	Electric Transmission	Miranda	RE	A.0001045.003	K27 230kV Re-term	3/31/2022	1,080,020.06	284,933.05
241	Electric Transmission	Miranda	RE	A.0001045.004	K30 230kV Re-term	10/29/2021	460,457.12	121,478.72
242	Electric Transmission	Miranda	RE	A.0001045.005	K37 230kV Re-term	4/30/2021	11,490.45	3,031.43
243	Electric Transmission	Miranda	RE	A.0001045.006	K42 230kV Re-term	4/30/2021	8,225.93	2,170.18
244	Electric Transmission	Miranda	RE	A.0001045.007	K45 230kV Re-term	4/30/2021	13,971.20	3,685.91
245	Electric Transmission	Miranda	RE	A.0001045.008	Lamb Co K37 Term Upgr	1/27/2022	541,981.17	142,986.56
246	Electric Transmission	Miranda	RE	A.0001045.009	Plant X K27 Term Upgr	3/31/2022	238,954.97	63,041.58
247	Electric Transmission	Miranda	RE	A.0001045.010	Plant X K45 Term Upgr	11/23/2021	196,802.18	51,920.74
248	Electric Transmission	Miranda	RE	A.0001045.012	Tolk 230kV Sub	6/30/2022	20,205,871.64	5,330,753.49
249	Electric Transmission	Miranda	RE	A.0001045.014	Tuco K42 Term Upgr	5/25/2022	247,346.91	65,255.56
250	Electric Transmission	Miranda	RE	A.0001045.016	Roosevelt Co K18 Term Upgrds	2/28/2022	220,685.70	58,221.74
251	Electric Transmission	Miranda	RE	A.0001045.017	Roosevelt K-30 LRU	10/29/2021	214,732.57	56,651.18
252	Electric Transmission	Miranda	RE	A.0001046.002	WIPP U-09 terminal upgrade	4/30/2021	47,391.26	12,502.86

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Base Period Total Company	Additions to Plant-in-Service Base Period NM Retail
253	Electric Transmission	Miranda	RE	A.0001050.002	Etter Rural - Moore Co 115kV, V63 R	10/29/2021	741,470.46	195,616.22
254	Electric Transmission	Miranda	RE	A.0001050.004	Upgr Moore Co 115kV (V63) Term to E	10/29/2021	541,637.75	142,895.96
255	Electric Transmission	Miranda	RE	A.0001059.002	Bushland Auto Bus Diff Relay Upgrad	4/30/2021	38,367.07	10,122.08
256	Electric Transmission	Miranda	RE	A.0001059.003	Potter Auto Bus Diff Relay Upgrade	11/17/2020	4,570.61	1,205.83
257	Electric Transmission	Miranda	RE	A.0001059.006	Potter Tertiary Reactors Relay Upga	4/30/2021	66,687.66	17,593.67
258	Electric Transmission	Miranda	RE	A.0001059.007	Crosby Co 115kV Bus Diff	4/30/2021	37,627.85	9,927.05
259	Electric Transmission	Miranda	RE	A.0001059.010	Harrington 230kV Bus Diffs	5/25/2022	4,078,964.46	1,076,120.57
260	Electric Transmission	Miranda	LI	A.0001061.009	XIT 115kV Sub TOIF	5/31/2019	324,902.75	85,716.49
261	Electric Transmission	Miranda	LI	A.0001079.001	Inst 115kV Quincy Sw Station TOIF P	4/30/2019	(533,855.52)	(140,842.83)
262	Electric Transmission	Miranda	LI	A.0001079.002	Inst 115kV Quincy Sw Station Xcel P	4/30/2019	351.04	92.61
263	Electric Transmission	Miranda	LI	A.0001079.006	Murphy Substation Relay Replacement	4/30/2019	69.96	18.46
264	Electric Transmission	Miranda	OT	A.0001106.001	WIPP W38 Structure Relocate	6/25/2018	(489.86)	(129.24)
265	Electric Transmission	Miranda	SR	A.0001114.001	Z18 Tuco-Plainview Line Ph 4	10/30/2020	113.77	30.02
266	Electric Transmission	Miranda	RE	A.0001151.001	Sundown Transformer Upgrade	12/21/2020	(369,671.03)	(97,527.35)
267	Electric Transmission	Miranda	LI	A.0001156.001	Int 1 Way 115kV Switch Tap	9/24/2018	30,561.51	8,062.80
268	Electric Transmission	Miranda	LI	A.0001161.005	Coulter Relay Sub	5/25/2022	466,816.29	123,156.41
269	Electric Transmission	Miranda	LI	A.0001163.001	Hunsley Highside	12/21/2020	1,446.61	381.65
270	Electric Transmission	Miranda	LI	A.0001163.002	Hunsley U40	12/21/2020	(11,902.78)	(3,140.22)
271	Electric Transmission	Miranda	LI	A.0001163.011	Hunsley U41	12/21/2020	(27,791.20)	(7,331.93)
272	Electric Transmission	Miranda	RE	A.0001167.025	Lamb Co Intg 115kV SPE Relay UPGS T	5/31/2022	2,302,500.46	607,450.28
273	Electric Transmission	Miranda	RE	A.0001167.034	Cochran V56 Line SPE Relay Upgrades	5/21/2020	37,921.82	10,004.61
274	Electric Transmission	Miranda	RE	A.0001167.037	Terry Co SPE Relay Upgrades TX	4/30/2021	104,761.59	27,638.41
275	Electric Transmission	Miranda	RE	A.0001167.040	Plant X K46 Line SPE Relay Upgrades	2/26/2021	43,074.73	11,364.06
276	Electric Transmission	Miranda	RE	A.0001167.041	Wolforth Intg SPE Relay Upgrades TX	4/30/2021	7,614.56	2,008.89
277	Electric Transmission	Miranda	RE	A.0001167.046	Hockley T31 Line SPE Relay Upgrades	12/21/2020	31,352.02	8,271.35
278	Electric Transmission	Miranda	RE	A.0001167.050	Denver Cty V16 SPE Relay UPGS TX	5/29/2021	42,434.54	11,195.17
279	Electric Transmission	Miranda	RE	A.0001167.068	Seminole W11 SPE Relay UPGS TX	4/30/2021	25,327.52	6,681.96
280	Electric Transmission	Miranda	RE	A.0001167.071	Higgs T89 SPE Relay UPGS TX	3/31/2021	51,951.47	13,705.94
281	Electric Transmission	Miranda	RE	A.0001167.087	Hale Co SPE Relay UPGS TX	12/21/2020	(8,031.85)	(2,118.98)
282	Electric Transmission	Miranda	RE	A.0001167.100	Amarillo South SPE Relay UPGS TX	5/25/2022	337,425.32	89,020.22
283	Electric Transmission	Miranda	RE	A.0001167.110	Maddox, SPE Relay Upgrades	6/30/2021	106,384.08	28,066.46
284	Electric Transmission	Miranda	RE	A.0001167.111	Taylor SS, SPE Relay Upgrades	4/30/2021	40,440.96	10,669.22
285	Electric Transmission	Miranda	RE	A.0001167.113	Cochran SPE Relay, REV 1	2/28/2021	1,483.35	391.34
286	Electric Transmission	Miranda	SR	A.0001176.001	Tuco SVC Sub	12/21/2020	(263,207.66)	(69,439.97)
287	Electric Transmission	Miranda	SR	A.0001176.002	TUCO NK80 and NK75 TERM UPGRD	12/21/2020	(30,597.53)	(8,072.30)
288	Electric Transmission	Miranda	GI	A.0001183.002	Less Terminal Upgrade Sub	5/31/2019	66.30	17.49

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Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Base Period Total Company	Additions to Plant-in-Service Base Period NM Retail
289	Electric Transmission	Miranda	RE/LI	A.0001189.001	OPIE Phantom Sub 345	11/23/2021	6,555,571.66	1,729,504.03
290	Electric Transmission	Miranda	RE/LI	A.0001189.003	OPIE PhantomU28reterm Phan to Red B	10/30/2020	(1,728.35)	(455.98)
291	Electric Transmission	Miranda	RE/LI	A.0001189.008	OPIE Phantom Roadrunner 345 Line J-	11/23/2021	27,712,377.78	7,311,134.97
292	Electric Transmission	Miranda	RE/LI	A.0001189.010	OPIE China Draw Phantom 345 Line J-	11/23/2021	23,673,194.77	6,245,509.62
293	Electric Transmission	Miranda	RE/LI	A.0001189.012	OPIE Roadrunner Sub Phantom Termina	11/23/2021	8,326,469.27	2,196,705.79
294	Electric Transmission	Miranda	RE/LI	A.0001189.016	OPIE China Draw Sub Phantom Termin	11/23/2021	7,664,835.49	2,022,152.24
295	Electric Transmission	Miranda	RE/LI	A.0001189.018	OPIE Phantom Sub Cust Term 1 TOIF	11/17/2020	478,404.91	126,213.74
296	Electric Transmission	Miranda	RE/LI	A.0001189.019	OPIE Phantom Sub Cust Term 2 TOIF	11/17/2020	411,728.70	108,623.09
297	Electric Transmission	Miranda	RE/LI	A.0001189.020	Phantom 115kV Bus	10/30/2020	(84,471.71)	(22,285.50)
298	Electric Transmission	Miranda	RE/LI	A.0001189.021	OPIE 3 Roadrunner - China Draw 345k	11/23/2021	5,828,097.86	1,537,580.44
299	Electric Transmission	Miranda	RE/LI	A.0001189.022	Phantom 345 115kV XFMR T02	11/23/2021	6,200,903.24	1,635,934.70
300	Electric Transmission	Miranda	RE/LI	A.0001189.024	Red Bluff U28 Phantom Terminal	10/30/2020	774.42	204.31
301	Electric Transmission	Miranda	RE/LI	A.0001189.025	Wood Draw U29 Phantom Terminal	10/30/2020	(24,878.50)	(6,563.50)
302	Electric Transmission	Miranda	SR	A.0001204.002	Z18 Tuco Hale Center Phase 2	4/30/2021	20,007.32	5,278.37
303	Electric Transmission	Miranda	SR	A.0001205.002	Z18 Tuco Hale Center Phase 3	4/29/2022	3,371,969.15	889,599.65
304	Electric Transmission	Miranda	LI	A.0001214.001	Malaga Bend 115 1247kV Substation T	10/30/2020	(731.02)	(192.86)
305	Electric Transmission	Miranda	LI	A.0001214.002	Loving South Malaga Bend Terminal	10/30/2020	(1,253.92)	(330.81)
306	Electric Transmission	Miranda	LI	A.0001214.003	Phantom Malaga Bend Terminal	10/30/2020	(26,258.53)	(6,927.58)
307	Electric Transmission	Miranda	LI	A.0001214.004	U26 LS Malaga 115kV Line	10/30/2020	14,460.18	3,814.91
308	Electric Transmission	Miranda	LI	A.0001215.001	Inst W39 Switch Poker Cowboy Temp	6/28/2019	7,622.73	2,011.04
309	Electric Transmission	Miranda	SR	A.0001219.003	T55 DNV CY ELR RFL9300 SPS TX	12/21/2020	3,127.95	825.22
310	Electric Transmission	Miranda	SR	A.0001219.004	K55 MUSTANG ELR RFL9300 SPS TX	11/21/2020	1,464.84	386.46
311	Electric Transmission	Miranda	SR	A.0001219.006	T 55 MUSTANG ELR RFL9300 SPS TX	12/21/2020	1,316.35	347.28
312	Electric Transmission	Miranda	SR	A.0001219.009	T56 DNV CY ELR RFL9300 SPS TX	2/26/2021	1,400.19	369.40
313	Electric Transmission	Miranda	SR	A.0001219.011	T78 MOORE CO ELR RFL9300 SPS TX	3/31/2022	292,085.99	77,058.71
314	Electric Transmission	Miranda	SR	A.0001219.017	T79 MOORE CO ELR RFL9300 SPS TX	2/28/2022	317,684.01	83,812.03
315	Electric Transmission	Miranda	SR	A.0001219.037	T56 Mustang 115 ELR RFL 9300 Relays	2/26/2021	12,674.46	3,343.80
316	Electric Transmission	Miranda	LI	A.0001227.002	NW LCEC 115kV TERM JODW TOIF	9/30/2019	(392,928.57)	(103,663.20)
317	Electric Transmission	Miranda	RE	A.0001228.004	Nichols Sub LRU	3/31/2022	232,741.57	61,402.35
318	Electric Transmission	Miranda	RE	A.0001228.007	Dumas 19th St Sub LRU	2/22/2022	104,273.04	27,509.52
319	Electric Transmission	Miranda	RE	A.0001237.001	Wollforth transformer upgrade 230/1	4/30/2021	42,867.31	11,309.34
320	Electric Transmission	Miranda	RE	A.0001237.002	Wollforth SSVT addition	4/30/2021	(4,293.66)	(1,132.76)
321	Electric Transmission	Miranda	SR	A.0001243.001	Carlisle Cap Bank Rplmt	12/21/2020	21,145.95	5,578.77
322	Electric Transmission	Miranda	RE	A.0001252.002	Tuco Bkr Rplc N905 & N912	3/31/2021	9,061.78	2,390.70
323	Electric Transmission	Miranda	RE	A.0001284.003	Lynn Co 69kV Bkr 7740	5/15/2019	49.56	13.08
324	Electric Transmission	Miranda	RE	A.0001291.002	Denver City Bkr Rplc W950	1/29/2021	79,072.45	20,861.05

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Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Base Period Total Company	Additions to Plant-in-Service Base Period NM Retail
325	Electric Transmission	Miranda	RE	A.0001291.003	Denver City Bkr Rplc W975	3/31/2021	57,347.78	15,129.61
326	Electric Transmission	Miranda	LI	A.0001292.009	U35 China Draw Aztec Line	7/23/2021	3,535.79	932.82
327	Electric Transmission	Miranda	SR	A.0001295.002	Sundown 115kV Capacitor Bank	11/17/2020	(4,164.71)	(1,098.74)
328	Electric Transmission	Miranda	RE	A.0001300.024	Z09 Removal from S Main St to RIAC	7/26/2019	(16.93)	(4.47)
329	Electric Transmission	Miranda	SR	A.0001314.009	V15, ROW	Routine	943,018.36	248,788.99
330	Electric Transmission	Miranda	RE	A.0001325.013	Randall Co Sub W77 Term Upgr	8/30/2021	95.04	25.07
331	Electric Transmission	Miranda	GI	A.0001359.001	Castro Co Terminal Orion Wind	10/27/2016	(247.11)	(65.19)
332	Electric Transmission	Miranda	LI	A.0001362.008	Callahan Y77 Tap Line	4/29/2022	56,109.49	14,802.92
333	Electric Transmission	Miranda	LI	A.0001362.009	T81 Callahan, Line	4/29/2022	464,164.65	122,456.85
334	Electric Transmission	Miranda	SR	A.0001375.002	Amherst Tap, ROW	Routine	36,257.75	9,565.59
335	Electric Transmission	Miranda	OT	A.0001383.001	TxDot T 37 Relocate	11/17/2020	(3,833,680.79)	(1,011,409.34)
336	Electric Transmission	Miranda	OT	A.0001383.004	TxDot Z-33 Relocate	11/17/2020	204.69	54.00
337	Electric Transmission	Miranda	OT	A.0001383.007	V50 Str TxDot Relocate	12/12/2021	977,499.61	257,885.90
338	Electric Transmission	Miranda	OT	A.0001383.008	TxDot V50, ROW	4/7/2022	44,735.77	11,802.28
339	Electric Transmission	Miranda	OT	A.0001383.009	TxDot Z-34 Relocate	12/12/2021	184,080.71	48,564.54
340	Electric Transmission	Miranda	OT	A.0001383.010	TxDot T-47 Relocate	5/25/2022	95,331.84	25,150.64
341	Electric Transmission	Miranda	LI	A.0001384.005	XTO BEU Sub, RTCA	4/30/2021	342.62	90.39
342	Electric Transmission	Miranda	LI	A.0001400.001	Amerada Hess Sub Oxy Cable Work	12/26/2021	128,544.36	33,912.83
343	Electric Transmission	Miranda	OT	A.0001401.001	T71 Structure Relocations	1/29/2021	(2,290.99)	(604.41)
344	Electric Transmission	Miranda	LI	A.0001408.001	W25 Sisko Line	4/30/2021	7,074.05	1,866.29
345	Electric Transmission	Miranda	LI	A.0001408.005	Sisko Sub TAM	4/30/2021	7,798.86	2,057.51
346	Electric Transmission	Miranda	LI	A.0001414.009	Caveman T62, Line	5/31/2022	1,063,365.14	280,539.12
347	Electric Transmission	Miranda	RE	A.0001418.002	Four Way T27 Line	1/22/2022	981,528.75	258,948.88
348	Electric Transmission	Miranda	LI	A.0001419.001	Millen ? Sub 2nd XFMR TAM	4/30/2021	10,389.19	2,740.90
349	Electric Transmission	Miranda	LI	A.0001419.007	T97 Line Re-Termination	3/31/2021	39,796.99	10,499.32
350	Electric Transmission	Miranda	RE	A.0001420.001	Finney SSVT 345kV	4/30/2021	98,807.15	26,067.50
351	Electric Transmission	Miranda	SR	A.0001421.001	Spearman Breaker Replacement 1715	12/21/2020	9,428.30	2,487.39
352	Electric Transmission	Miranda	SR	A.0001421.003	Spearman Breaker Replacement 1711	10/30/2020	(5,059.81)	(1,334.89)
353	Electric Transmission	Miranda	SR	A.0001427.001	Y58 PH2- BURN to ROXA	5/28/2021	377,446.33	99,578.65
354	Electric Transmission	Miranda	LI	A.0001430.001	Hopi Sub 2nd XFMR TAM	6/30/2022	942,632.37	248,687.16
355	Electric Transmission	Miranda	LI	A.0001434.005	V03 Center Port, Line	3/31/2022	1,237,814.87	326,562.80
356	Electric Transmission	Miranda	LI	A.0001434.007	East Plant, V03 Relay Upgrade	4/29/2022	305,665.64	80,641.32
357	Electric Transmission	Miranda	LI	A.0001434.008	Nichols, V03 Relay Upgrade	4/29/2022	329,649.97	86,968.91
358	Electric Transmission	Miranda	SR	A.0001439.002	Y50 H Bill, Line	5/29/2021	7,809.85	2,060.41
359	Electric Transmission	Miranda	SR	A.0001439.003	V40 H Bill, Line	5/29/2021	(937.73)	(247.39)
360	Electric Transmission	Miranda	SR	A.0001439.004	K02 H Bill, Line	12/26/2021	412,534.94	108,835.79

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361	Electric Transmission	Miranda	SR	A.0001439.005	T31 H Bill, Line	12/27/2021	3,533.16	932.13
362	Electric Transmission	Miranda	SR	A.0001439.006	T07 H Bill, Line	12/12/2021	524,204.42	138,296.66
363	Electric Transmission	Miranda	SR	A.0001439.007	T53 H Bill, Line	11/29/2021	106,882.44	28,197.94
364	Electric Transmission	Miranda	SR	A.0001439.008	V31 H Bill, Line	1/22/2022	272,258.84	71,827.87
365	Electric Transmission	Miranda	SR	A.0001439.010	J15 H Bill, Line	5/29/2021	18.58	4.90
366	Electric Transmission	Miranda	SR	A.0001439.011	V37 H Bill, Line	5/26/2022	201,607.77	53,188.57
367	Electric Transmission	Miranda	SR	A.0001439.012	V79 H Bill, Line	6/29/2022	451,826.83	119,201.86
368	Electric Transmission	Miranda	SR	A.0001439.013	T04 H Bill, Line	5/31/2022	158,085.04	41,706.31
369	Electric Transmission	Miranda	SR	A.0001439.015	Z51 H Bill, Line	4/29/2022	259,978.10	68,587.94
370	Electric Transmission	Miranda	SR	A.0001439.018	Y67 H Bill, Line	12/12/2021	117,459.41	30,988.38
371	Electric Transmission	Miranda	SR	A.0001439.019	K31 H Bill, Line	3/31/2022	175,983.07	46,428.21
372	Electric Transmission	Miranda	SR	A.0001439.020	K85 H Bill, Line	5/31/2022	90,712.83	23,932.04
373	Electric Transmission	Miranda	SR	A.0001439.021	V29 H Bill, Line	6/30/2022	70,591.63	18,623.63
374	Electric Transmission	Miranda	SR	A.0001439.022	V63 Guy Str H Bill, Line	12/12/2021	8,560.75	2,258.51
375	Electric Transmission	Miranda	RE	A.0001440.001	Spearman Sub, T87 Term	4/30/2021	19,738.64	5,207.49
376	Electric Transmission	Miranda	RE	A.0001440.002	T87, Line, Str Rplcmnts	4/30/2021	9,693.76	2,557.43
377	Electric Transmission	Miranda	SR	A.0001442.001	Grapevine Sub Erosion Mitigation	3/31/2022	355,594.14	93,813.56
378	Electric Transmission	Miranda	RE	A.0001448.001	Kiowa, Breaker Add 4R85	12/27/2021	1,549,607.12	408,820.45
379	Electric Transmission	Miranda	RE	A.0001449.002	WIPP XFMR Diff Relays Split Path	5/29/2021	50,652.14	13,363.15
380	Electric Transmission	Miranda	RE	A.0001451.001	Crossroads 345kV Brkr Add	3/31/2022	2,306,963.27	608,627.67
381	Electric Transmission	Miranda	LI	A.0001477.001	Deaf Smith #26, W51 Tap, Line	3/31/2021	(678.18)	(178.92)
382	Electric Transmission	Miranda	LI	A.0001477.002	DS #26, W51 SW, TOIF	3/31/2021	92,446.18	24,389.34
383	Electric Transmission	Miranda	LI	A.0001477.007	Castro Co Relay Upgr, W51 Term	2/26/2021	501.05	132.19
384	Electric Transmission	Miranda	LI	A.0001477.008	Newhart Relay Upgrd, W51 Term	2/26/2021	0.19	0.05
385	Electric Transmission	Miranda	LI	A.0001478.001	Oxy Y79 Tap, Line	4/30/2021	313,377.75	82,675.95
386	Electric Transmission	Miranda	LI	A.0001478.007	Oxy Y79 SW, TOIF	4/30/2021	(172,843.08)	(45,599.81)
387	Electric Transmission	Miranda	OT	A.0001479.006	Finney BFM OR90/OR70	12/21/2020	1,125.95	297.05
388	Electric Transmission	Miranda	OT	A.0001479.022	Portales Intg BFM 3H540	10/29/2021	738.99	194.96
389	Electric Transmission	Miranda	OT	A.0001479.023	Portales Intg BFM 3H535	10/29/2021	566.40	149.43
390	Electric Transmission	Miranda	OT	A.0001479.024	Portales Intg BFM 3H530	10/29/2021	527.81	139.25
391	Electric Transmission	Miranda	OT	A.0001479.025	Portales Intg BFM 3H525	10/29/2021	3,546.43	935.63
392	Electric Transmission	Miranda	OT	A.0001479.026	Portales Intg BFM 3H520	8/31/2021	1,704.20	449.61
393	Electric Transmission	Miranda	OT	A.0001479.027	Portales Intg BFM 3H515	10/29/2021	491.20	129.59
394	Electric Transmission	Miranda	OT	A.0001479.028	Portales Intg BFM 3H505	10/29/2021	563.93	148.78
395	Electric Transmission	Miranda	OT	A.0001479.029	Portales Intg BFM 3H500	10/29/2021	2,824.56	745.18
396	Electric Transmission	Miranda	OT	A.0001479.033	China Draw BFM 4J480	11/23/2021	1,662.50	438.60

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Base Period Total Company	Additions to Plant-in-Service Base Period NM Retail
397	Electric Transmission	Miranda	OT	A.0001479.034	China Draw BFM 4J485	11/23/2021	2,006.59	529.38
398	Electric Transmission	Miranda	OT	A.0001479.035	China Draw BFM 4J495	11/23/2021	1,924.16	507.64
399	Electric Transmission	Miranda	OT	A.0001479.036	China Draw BFM 4J500	11/23/2021	3,239.00	854.52
400	Electric Transmission	Miranda	OT	A.0001479.037	China Draw BFM 4T815	3/31/2022	823.57	217.28
401	Electric Transmission	Miranda	OT	A.0001479.038	China Draw BFM 4T805	3/31/2022	1,906.64	503.01
402	Electric Transmission	Miranda	OT	A.0001479.039	China Draw BFM 4J600	11/23/2021	1,085.88	286.48
403	Electric Transmission	Miranda	OT	A.0001479.040	China Draw BFM 4H670	10/29/2021	1,749.42	461.54
404	Electric Transmission	Miranda	OT	A.0001479.041	China Draw BFM 4H675	11/23/2021	1,079.90	284.90
405	Electric Transmission	Miranda	OT	A.0001479.042	China Draw BFM 4H680	11/23/2021	4,944.45	1,304.45
406	Electric Transmission	Miranda	OT	A.0001479.043	China Draw BFM 4J455	11/23/2021	3,278.20	864.86
407	Electric Transmission	Miranda	OT	A.0001479.044	China Draw BFM 4J460	11/23/2021	1,063.18	280.49
408	Electric Transmission	Miranda	OT	A.0001479.045	China Draw BFM 4J465	11/23/2021	731.83	193.07
409	Electric Transmission	Miranda	OT	A.0001479.046	China Draw BFM 4J470	11/23/2021	1,967.62	519.10
410	Electric Transmission	Miranda	OT	A.0001479.047	China Draw BFM 4J475	11/23/2021	1,107.01	292.05
411	Electric Transmission	Miranda	OT	A.0001479.048	China Draw BFM 4J515	11/23/2021	1,946.57	513.55
412	Electric Transmission	Miranda	OT	A.0001479.049	China Draw BFM 4J510	11/23/2021	3,416.32	901.30
413	Electric Transmission	Miranda	OT	A.0001479.050	China Draw BFM 4J505	11/23/2021	2,052.41	541.47
414	Electric Transmission	Miranda	OT	A.0001479.051	Portales Intg BFM 3H510	10/29/2021	753.17	198.70
415	Electric Transmission	Miranda	OT	A.0001479.052	Roadrunner BFM 4H955	11/23/2021	765.66	202.00
416	Electric Transmission	Miranda	OT	A.0001479.053	Roadrunner BFM 4H950	12/12/2021	1,673.52	441.51
417	Electric Transmission	Miranda	OT	A.0001479.054	Roadrunner BFM 4H945	11/23/2021	609.71	160.85
418	Electric Transmission	Miranda	OT	A.0001479.055	Roadrunner BFM 4H930	11/23/2021	938.72	247.65
419	Electric Transmission	Miranda	OT	A.0001479.056	Roadrunner BFM 4H925	12/12/2021	2,152.97	568.00
420	Electric Transmission	Miranda	OT	A.0001479.057	Roadrunner BFM 4H920	12/12/2021	1,655.80	436.84
421	Electric Transmission	Miranda	OT	A.0001479.058	Roadrunner BFM 4H915	12/12/2021	1,685.17	444.58
422	Electric Transmission	Miranda	OT	A.0001479.059	Roadrunner BFM 4H910	11/23/2021	3,553.28	937.43
423	Electric Transmission	Miranda	OT	A.0001479.060	Roadrunner BFM 4H905	12/12/2021	1,666.48	439.65
424	Electric Transmission	Miranda	OT	A.0001479.061	Roadrunner BFM 4H995	11/23/2021	12,324.46	3,251.46
425	Electric Transmission	Miranda	OT	A.0001479.062	Roadrunner BFM 4H900	12/12/2021	571.20	150.70
426	Electric Transmission	Miranda	OT	A.0001479.063	China Draw BFM 4J595	11/23/2021	657.26	173.40
427	Electric Transmission	Miranda	OT	A.0001479.064	China Draw BFM 4J520	11/23/2021	1,574.99	415.52
428	Electric Transmission	Miranda	OT	A.0001479.065	Roadrunner BFM 4H990	12/12/2021	2,731.07	720.52
429	Electric Transmission	Miranda	OT	A.0001479.066	Roadrunner BFM 4H985	12/12/2021	2,343.35	618.23
430	Electric Transmission	Miranda	OT	A.0001479.067	Roadrunner BFM 4H980	12/12/2021	1,948.60	514.08
431	Electric Transmission	Miranda	OT	A.0001479.068	Roadrunner BFM 4H975	12/12/2021	1,342.15	354.09
432	Electric Transmission	Miranda	OT	A.0001479.069	Roadrunner BFM 4H970	11/23/2021	1,248.00	329.25

Southwestern Public Service Company

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Base Period Total Company	Additions to Plant-in-Service Base Period NM Retail
433	Electric Transmission	Miranda	OT	A.0001479.070	Roadrunner BFM 4H965	12/12/2021	5,686.76	1,500.29
434	Electric Transmission	Miranda	OT	A.0001479.071	Roadrunner BFM 4H960	11/23/2021	2,333.07	615.52
435	Electric Transmission	Miranda	OT	A.0001479.073	Roadrunner BFM 4H940	12/12/2021	613.91	161.96
436	Electric Transmission	Miranda	OT	A.0001479.074	Roadrunner BFM 4W415	12/12/2021	1,070.56	282.44
437	Electric Transmission	Miranda	OT	A.0001479.075	Roadrunner BFM 4W420	12/12/2021	1,488.71	392.75
438	Electric Transmission	Miranda	GI	A.0001480.001	Tip Top Solar, RR Term TOIF	6/15/2022	476,022.52	125,585.21
439	Electric Transmission	Miranda	GI	A.0001480.002	Tip Top Solar, RR Term, Sub	5/31/2022	510,661.13	134,723.64
440	Electric Transmission	Miranda	OT	A.0001485.002	Pole Treatment Program 69kV TX	Routine	191,153.41	50,430.48
441	Electric Transmission	Miranda	OT	A.0001485.003	Pole Treatment Program 115kV TX	Routine	552,463.93	145,752.14
442	Electric Transmission	Miranda	OT	A.0001485.004	Pole Treatment Program 230kV TX	Routine	243,322.84	64,193.92
443	Electric Transmission	Miranda	OT	A.0001485.006	Pole Treatment Program 345kV NM	Routine	12,092.90	3,190.37
444	Electric Transmission	Miranda	OT	A.0001485.047	Pole Treatment Program 345kV OK	Routine	25,827.60	6,813.89
445	Electric Transmission	Miranda	OT	A.0001485.048	Pole Treatment Program 345kV TX	Routine	83,346.03	21,988.52
446	Electric Transmission	Miranda	OT	A.0001485.049	Pole Treatment Program 230kV NM	Routine	126,305.67	33,322.21
447	Electric Transmission	Miranda	OT	A.0001485.050	Pole Treatment Program 345kV KS	Routine	109,515.06	28,892.48
448	Electric Transmission	Miranda	RE	A.0001668.001	K11 Upgr, Line	3/31/2022	353,725.20	93,320.49
449	Electric Transmission	Miranda	RE	A.0001669.001	K10 Upgr, Line	1/31/2022	228,575.56	60,303.26
450	Electric Transmission	Miranda	RE	A.0001669.002	Lubbock South, K10 Term Upgrades NT	5/31/2022	734,844.14	193,868.05
451	Electric Transmission	Miranda	LI	A.0001676.001	FARIA, T47 LINE	3/31/2022	755,827.85	199,404.02
452	Electric Transmission	Miranda	LI	A.0001676.002	FARIA, T47 Line TOIF	3/31/2022	0.00	0.00
453	Electric Transmission	Miranda	OT	A.0001682.001	V34 Str Raise LP&L	5/29/2021	5,056.43	1,334.00
454	Electric Transmission	Miranda	LI	A.0001699.001	OXY BRU 2nd XFMR	7/30/2021	97,485.89	25,718.92
455	Electric Transmission	Miranda	OT	A.0001766.001	V49 Line OXY Mobile Connect TOIF	11/23/2021	(1,357.47)	(358.13)
456	Electric Transmission	Miranda	OT	A.0001776.001	V40 Str 6 Relocate, Line	3/31/2022	(38,382.34)	(10,126.11)
457	Electric Transmission	Miranda	OT	A.0001776.002	T71 Str 6 Relocate, Line	9/30/2021	34,024.34	8,976.37
458	Electric Transmission	Miranda	OT	A.0001776.003	Y50 Str 6 Relocate, Line	9/30/2021	3,481.40	918.47
459	Electric Transmission	Miranda	RE	A.0002055.001	W77 Canyon East Tap to Arrowhe	3/27/2020	(5,137.24)	(1,355.32)
460	Electric Transmission Total						\$ 221,351,462	\$ 58,397,386
461	Electric General	Miranda	OT	A.0000710.012	Nichols Physical Security Tx Comm	12/27/2021	\$ 174,119	\$ 56,479
462	Electric General	Miranda	OT	A.0000710.047	Harrington Phys Sec Tx Comm	6/29/2022	182,033.64	59,046.01
463	Electric General	Miranda	OT	A.0001459.004	Amarillo South OT Cyber	6/30/2021	5,335.22	1,730.58
464	Electric General	Miranda	OT	A.0001459.006	Amoco Sw Sta OT Cyber	7/30/2021	54,598.07	17,709.90
465	Electric General	Miranda	OT	A.0001459.007	Amoco Wasson OT Cyber	6/30/2021	25,714.08	8,340.84
466	Electric General	Miranda	OT	A.0001459.008	Andrews OT Cyber	6/30/2021	19,565.99	6,346.59
467	Electric General	Miranda	OT	A.0001459.009	Atoka OT Cyber	6/30/2021	20,978.87	6,804.89

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Base Period Total Company	Additions to Plant-in-Service Base Period NM Retail
468	Electric General	Miranda	OT	A.0001459.010	Bailey OT Cyber	6/30/2021	11,863.06	3,848.01
469	Electric General	Miranda	OT	A.0001459.011	Blackhawk OT Cyber	6/30/2021	11,896.62	3,858.89
470	Electric General	Miranda	OT	A.0001459.012	Blanco OT Cyber	7/30/2021	42,669.03	13,840.50
471	Electric General	Miranda	OT	A.0001459.014	Bowers OT Cyber	9/30/2021	76,489.74	24,810.88
472	Electric General	Miranda	OT	A.0001459.015	Bru (Oxy) OT Cyber	7/30/2021	45,375.43	14,718.37
473	Electric General	Miranda	OT	A.0001459.068	Bushland OT Cyber	8/31/2021	46,854.75	15,198.21
474	Electric General	Miranda	OT	A.0001459.069	Canyon West OT Cyber	8/31/2021	51,194.75	16,605.97
475	Electric General	Miranda	OT	A.0001459.070	Capitan OT Cyber	7/30/2021	50,235.08	16,294.69
476	Electric General	Miranda	OT	A.0001459.071	Cardinal OT Cyber	3/31/2022	50,589.26	16,409.57
477	Electric General	Miranda	OT	A.0001459.072	Cargill OT Cyber	3/31/2022	52,605.34	17,063.53
478	Electric General	Miranda	OT	A.0001459.073	Carlisle OT Cyber	2/28/2022	70,472.40	22,859.04
479	Electric General	Miranda	SR	A.0000153.010	Z08 MOD 4744 and 4788 Comm	8/31/2021	92,341.36	29,952.65
480	Electric General	Miranda	SR	A.0000153.020	W24, Sw 1H101, COMM	7/30/2021	80,496.54	26,110.56
481	Electric General	Miranda	SR	A.0000220.039	Cox Int COMM	12/21/2020	380.11	123.30
482	Electric General	Miranda	SR	A.0000401.051	East Plt 2K50 Relay Rplmnt Comm	12/26/2019	13,362.34	4,334.32
483	Electric General	Miranda	SR	A.0000401.067	Floyd Co Y77 Z36 Relay Rplmnts Com	3/31/2021	9,087.26	2,947.62
484	Electric General	Miranda	RE	A.0000424.112	Eddy Co 345kV Comms	11/17/2020	2,019.59	655.09
485	Electric General	Miranda	RE	A.0000545.007	Communication Eq	1/31/2022	310,032.32	100,564.78
486	Electric General	Miranda	OT	A.0000556.017	Jones #1 DFR	6/30/2020	(4,938.70)	(1,601.96)
487	Electric General	Miranda	OT	A.0000556.018	Plant X 230kV DFR	10/30/2020	(27,484.39)	(8,915.08)
488	Electric General	Miranda	OT	A.0000588.024	Gray County RTU Rplmnt	1/29/2021	22,182.26	7,195.23
489	Electric General	Miranda	OT	A.0000588.025	Industrial RTU Rplmnt	4/30/2021	24,650.68	7,995.91
490	Electric General	Miranda	OT	A.0000795.003	SPS Sub Comm Network Group 1 C	Routine	309.58	100.42
491	Electric General	Miranda	OT	A.0000795.017	Nichols, EAPL terminal COMM	12/21/2020	(108.00)	(35.03)
492	Electric General	Miranda	OT	A.0000863.008	Northwest Sub, W46 Term, Fiber Comm	9/30/2021	181,625.72	58,913.70
493	Electric General	Miranda	OT	A.0000863.009	Rolling Hills Sub, W46 Term, Fiber	9/30/2021	90,464.25	29,343.77
494	Electric General	Miranda	OT	A.0000863.010	Canyon East Sub, W77 Fiber COMM	11/23/2021	188,399.60	61,110.93
495	Electric General	Miranda	OT	A.0000863.012	Canyon West Sub, W77 Fiber COMM	11/23/2021	112,091.02	36,358.82
496	Electric General	Miranda	OT	A.0000863.013	Dawn Sub, W40 Fiber COMM	11/23/2021	86,021.51	27,902.68
497	Electric General	Miranda	OT	A.0000863.016	Frankford Sub, K10 Fiber COMM	11/23/2021	172,565.28	55,974.77
498	Electric General	Miranda	OT	A.0000863.017	Wolfforth Sub, K10 Fiber COMM	11/23/2021	121,527.38	39,419.68
499	Electric General	Miranda	OT	A.0000863.018	Moore Co Sub, T25 Fiber COMM	5/25/2022	217,713.32	70,619.38
500	Electric General	Miranda	OT	A.0000863.019	Dumas 19th St Sub, T25 Fiber COMM	5/25/2022	147,740.49	47,922.39
501	Electric General	Miranda	OT	A.0000863.024	Carlisle Sub, T71 Fiber COMM	11/23/2021	239,453.87	77,671.34
502	Electric General	Miranda	OT	A.0000863.025	Yuma Sub, T71 Fiber COMM	11/23/2021	145,699.53	47,260.37
503	Electric General	Miranda	OT	A.0000863.043	Exell Sub, T27 Fiber, COMM	4/18/2022	240,209.54	77,916.45

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Base Period Total Company	Additions to Plant-in-Service Base Period NM Retail
504	Electric General	Miranda	OT	A.0000863.044	Nichols Sub, T27 Fiber, COMM	4/18/2022	110,613.01	35,879.40
505	Electric General	Miranda	OT	A.0000863.045	Fain Sub, T27 Fiber, COMM	4/18/2022	181,744.93	58,952.36
506	Electric General	Miranda	OT	A.0000863.046	Arrowhead Sub, T75 Fiber, COMM	12/12/2021	277,933.40	90,152.89
507	Electric General	Miranda	OT	A.0000863.049	Amarillo South Sub, T75 Fiber, COMM	12/12/2021	140,011.67	45,415.40
508	Electric General	Miranda	OT	A.0000863.063	Dumas 19th St Sub, T27 Fiber COMM	4/18/2022	195,680.65	63,472.68
509	Electric General	Miranda	OT	A.0000863.065	Wolfforth Sub, T72 Fiber COMM	11/23/2021	128,940.56	41,824.28
510	Electric General	Miranda	OT	A.0000863.066	Yuma Sub, T72 Fiber COMM	11/23/2021	148,162.00	48,059.11
511	Electric General	Miranda	OT	A.0000863.068	Osage Sub, T75 Fiber COMM	12/12/2021	123,783.40	40,151.46
512	Electric General	Miranda	OT	A.0000863.071	Coulter Sub, V44 Fiber COMM	5/31/2022	88,673.02	28,762.75
513	Electric General	Miranda	OT	A.0000863.072	Owens Corning, V44 Fiber COMM	5/25/2022	75,427.98	24,466.48
514	Electric General	Miranda	OT	A.0000863.095	Randall Co, U41 Fiber COMM	11/23/2021	47,669.67	15,462.55
515	Electric General	Miranda	OT	A.0000863.096	Hunsley Sub, U41 Fiber COMM	11/23/2021	52,994.91	17,189.89
516	Electric General	Miranda	OT	A.0000863.106	Tierra Blanca, U47 Fiber COMM	11/23/2021	41,643.87	13,507.97
517	Electric General	Miranda	OT	A.0000863.113	Deaf Smith U-42/43	5/24/2022	65,249.30	21,164.83
518	Electric General	Miranda	OT	A.0000863.114	Estacado, V44 Fiber COMM	5/25/2022	135,405.71	43,921.37
519	Electric General	Miranda	OT	A.0000863.118	Hitchland, K75 Fiber COMM	5/25/2022	74,652.73	24,215.01
520	Electric General	Miranda	GI/LI	A.0000888.006	Cornell Sub COMM - XTO	3/31/2021	52,446.24	17,011.92
521	Electric General	Miranda	RE	A.0001030.003	Mustang Sub - Comm	12/21/2020	(108.00)	(35.03)
522	Electric General	Miranda	RE	A.0001044.009	Tierra Blanca 115kV Sub Comm	11/23/2021	338,290.71	109,730.91
523	Electric General	Miranda	RE	A.0001044.029	Hereford Comm	11/23/2021	137,945.56	44,745.22
524	Electric General	Miranda	RE	A.0001045.013	Tolk 230kV Sub COMM	6/29/2022	359,326.79	116,554.36
525	Electric General	Miranda	RE	A.0001059.011	Crosby Co COMM	4/30/2021	3,216.28	1,043.26
526	Electric General	Miranda	LI	A.0001061.003	Purnell 115kV Sub	6/28/2019	1,018.45	330.35
527	Electric General	Miranda	OT	A.0001063.003	TX Synchronphasors	7/26/2019	22,350.19	7,249.70
528	Electric General	Miranda	OT	A.0001118.006	Lock and Key System TX	Routine	708,215.95	229,723.08
529	Electric General	Miranda	OT	A.0001118.007	Lock and Key System NM	Routine	28,197.83	9,146.49
530	Electric General	Miranda	OT	A.0001118.009	Lock and Key System OK	Routine	961.71	311.95
531	Electric General	Miranda	RE	A.0001167.107	Lamb Co SPE Comm	5/31/2022	432,386.81	140,252.74
532	Electric General	Miranda	RE	A.0001167.108	Hockley Co SPE Comm	12/21/2020	5,152.99	1,671.47
533	Electric General	Miranda	RE	A.0001167.109	Wolfforth SPE Comm	4/30/2021	243.22	78.89
534	Electric General	Miranda	RE	A.0001167.112	Higg, T89 Term, COMM	3/31/2021	12,519.39	4,060.90
535	Electric General	Miranda	SR	A.0001176.003	Tuco NK80-NK75 Comm	12/21/2020	(6,709.67)	(2,176.41)
536	Electric General	Miranda	RE/LI	A.0001189.006	OPIE Phantom Sub COMM	10/30/2020	1,524.38	494.46
537	Electric General	Miranda	RE/LI	A.0001189.027	Phantom Sub 345kV COMM	11/23/2021	15,541.66	5,041.23
538	Electric General	Miranda	OT	A.0001218.020	San Juan Mesa Com Checkpoint FW	10/29/2021	44,680.01	14,492.80
539	Electric General	Miranda	SR	A.0001219.042	Amoco-Wasson, K55 COMM	8/30/2021	66.03	21.42

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Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Base Period Total Company	Additions to Plant-in-Service Base Period NM Retail
540	Electric General	Miranda	GI	A.0001359.002	Castro Term for Orion Comm	4/29/2017	(93,783.50)	(30,420.43)
541	Electric General	Miranda	LI	A.0001384.006	XTO BEU Sub, Comm	4/30/2021	680.59	220.76
542	Electric General	Miranda	RE	A.0001452.006	Matador COMM, RTCA	5/31/2022	331,114.89	107,403.30
543	Electric General	Miranda	LI	A.0001452.008	Sendero COMM, RTCA	6/30/2021	52,030.67	16,877.12

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Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Base Period Total Company	Additions to Plant-in-Service Base Period NM Retail
544	Electric General	Miranda	RE	A.0001452.010	Intrepid West COMM, RTCA	6/29/2022	125,746.80	40,788.32
545	Electric General	Miranda	RE	A.0001452.018	OXY ODC COMM, RTCA	4/29/2022	131,418.40	42,628.01
546	Electric General	Miranda	OT	A.0001459.030	Cole OT Cyber	5/25/2022	42,578.16	13,811.02
547	Electric General	Miranda	OT	A.0001459.052	Finney OT Cyber	5/24/2022	51,984.72	16,862.22
548	Electric General	Miranda	OT	A.0001459.067	Hitchland OT Cyber	6/29/2022	50,030.46	16,228.31
549	Electric General	Miranda	OT	A.0001459.074	Carlsbad OT Cyber	4/29/2022	52,338.00	16,976.81
550	Electric General	Miranda	OT	A.0001459.075	Carpenter OT Cyber	5/24/2022	59,214.30	19,207.26
551	Electric General	Miranda	OT	A.0001459.090	Jones OT Cyber	4/29/2022	37,037.21	12,013.71
552	Electric General	Miranda	OT	A.0001459.134	Perryton OT Cyber	6/29/2022	26,122.12	8,473.20
553	Electric General	Miranda	LI	A.0001478.004	Oxy Anton Sub, RTCA COMM	4/30/2021	(124,265.38)	(40,307.80)
554	Electric General	Miranda	RE	A.0001664.001	Coulter, Teleprotection Upgrade	6/30/2021	40,358.20	13,090.94
555	Electric General	Miranda	RE	A.0001664.002	Amarillo South, Teleprotection Upgr	6/30/2021	49,996.06	16,217.16
556	Electric General	Miranda	RE	A.0001664.005	East Plant, Teleprotection Upgrade	6/30/2021	38,621.83	12,527.71
557	Electric General	Miranda	RE	A.0001664.006	Owens Corning, Teleprotection Upgra	6/30/2021	29,037.53	9,418.87
558	Electric General	Miranda	RE	A.0001664.007	Osage, Teleprotection Upgrade	6/30/2021	27,463.57	8,908.32
559	Electric General	Miranda	SR	A.0001664.008	TOLK, Teleprotection Upgrade	6/29/2022	165,734.46	53,759.07
560	Electric General	Miranda	SR	A.0001664.009	CROSSROADS, Teleprotection Upgrade	6/29/2022	298,227.03	96,735.51
561	Electric General	Miranda	SR	A.0001664.010	Eddy County, Teleprotection Upgrade	6/29/2022	192,909.32	62,573.74
562	Electric General	Miranda	OT	A.0005014.109	Gen Plt Ofc Furn TX	Routine	9,198.76	2,983.79
563	Electric General	Miranda	OT	A.0006056.223	Fleet New Units El Trans NM	Routine	187,543.81	60,833.34
564	Electric General	Miranda	OT	A.0006056.224	Fleet New Unit El Trans TX	Routine	3,910,543.25	1,268,457.79
565	Electric General	Miranda	OT	A.0006056.333	Fleet-PHEV-SPS-TX Transmission	Routine	66,828.22	21,676.98
566	Electric General	Miranda	OT	A.0006059.063	SPS Sub Comm Tool Blanket	Routine	419,122.70	135,950.28
567	Electric General	Miranda	OT	A.0006059.088	SPS Sys Protect Comm Eng Testing Eq	Routine	56,749.30	18,407.70
568	Electric General	Miranda	OT	A.0006059.432	Tool Blanket TX Line	Routine	43,533.17	14,120.80
569	Electric General	Miranda	OT	A.0006059.434	SPS Training Center Tools	Routine	52,324.49	16,972.43
570	Electric General	Miranda	OT	A.0006059.436	SPS Ops Engineering Tools	Routine	46,737.37	15,160.14
571	Electric General	Miranda	OT	A.0006059.505	SPS Trans Tool Blanket	Routine	170,565.95	55,326.25
572	Electric General	Miranda	OT	A.0006059.506	SPS Training Center Equipmen	Routine	7,451.77	2,417.12
573	Electric General Total						\$ 14,059,481	\$ 4,560,455
574	Electric Intangible	Miranda	SR	A.0000855.008	SPS Transmission UAV SW	12/27/2021	\$ 5,570,019	\$ 1,806,740
575	Electric Intangible	Miranda	OT	D.0001852.006	SPS Veg Mgmt Data Analytics	2/28/2022	234,956.95	76,212.68
576	Electric Intangible Total						\$ 5,804,976	\$ 1,882,952
577	Grand Total						\$ 241,215,918	\$ 64,840,793

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Line No.	Asset Class	Witness	WBS Level 2	Project Description (WBS Level 2 Description)	Base Period Total	Base Period Labor	Base Period Contract Work	Base Period Supplies and Materials	Base Period Other
1	Electric Transmission	Miranda	A.0001189.008	OPIE Phantom Roadrunner 345 Line J-	\$ 27,712,378	\$ 2,502,819	\$ 2,449,535	\$ 59,472	\$ 22,700,551
2	Electric Transmission	Miranda	A.0001189.010	OPIE China Draw Phantom 345 Line J-	23,673,195	111,573	4,109,368	75,638	19,376,616
3	Electric Transmission	Miranda	A.0001045.012	Tolk 230kV Sub	20,205,872	3,433,459	4,135,516	457,387	12,179,510
4	Electric Transmission	Miranda	A.0001044.008	Tierra Blanca 115kV Sub	10,683,023	325,768	911,339	3,064	9,442,851
5	Electric Transmission	Miranda	A.0001189.012	OPIE Roadrunner Sub Phantom Termina	8,326,469	68,739	2,474,770	260,986	5,521,974
6	Electric Transmission	Miranda	A.0001189.016	OPIE China Draw Sub Phantom Termin	7,664,835	170,445	1,986,853	186,769	5,320,768
7	Electric Transmission	Miranda	A.0000822.006	Roswell 115/69kV XFMR Upgrades	6,627,912	1,319,825	1,454,487	2,354,537	1,499,063
8	Electric Transmission	Miranda	A.0001189.001	OPIE Phantom Sub 345	6,555,572	269,124	1,417,880	(18,262)	4,886,830
9	Electric Transmission	Miranda	A.0001189.022	Phantom 345 115kV XFMR T02	6,200,903	133,483	269,596	11,078	5,786,747
10	Electric Transmission	Miranda	A.0001189.021	OPIE 3 Roadrunner - China Draw 345k	5,828,098	50,203	242,586	(65,865)	5,601,174
11	Electric Transmission	Miranda	A.0000538.041	V16 Rbld FM 2196-Hwy 82, Line	5,039,951	208,689	3,022,645	1,831,203	(22,585)
12	Electric Transmission	Miranda	A.0000499.062	K90 Str Rpl	4,238,085	63,071	1,463,184	310,722	2,401,108
13	Electric Transmission	Miranda	A.0001059.010	Harrington 230kV Bus Diffs	4,078,964	735,015	1,389,453	794,161	1,160,336
14	Electric Transmission	Miranda	A.0000538.031	Z51 Line Rebuild PH-1	3,791,378	114,991	2,132,398	1,729,384	(185,394)
15	Electric Transmission	Miranda	A.0001205.002	Z18 Tuco Hale Center Phase 3	3,371,969	111,917	2,048,887	950,796	260,369
16	Electric Transmission	Miranda	A.0000863.038	T27 Fiber, Line	2,746,072	739,391	742,145	435,752	828,784
17	Electric Transmission	Miranda	A.0000640.099	Hale Co Breaker 3903 3911 3915 NTC	2,702,929	97,832	1,364,501	322,722	917,873
18	Electric Transmission	Miranda	A.0000710.014	Nichols Physical Security INFR Tx	2,598,172	28,511	1,838,857	80,986	649,817
19	Electric Transmission	Miranda	A.0000710.046	Harrington Phys Sec INFR Tx	2,338,127	31,621	1,474,098	435,017	397,391
20	Electric Transmission	Miranda	A.0001451.001	Crossroads 345kV Brkr Add	2,306,963	490,942	775,424	573,680	466,918
21	Electric Transmission	Miranda	A.0001167.025	Lamb Co Intg 115kV SPE Relay UPGS T	2,302,500	152,764	1,307,849	195,590	646,297
22	Electric Transmission	Miranda	A.0000220.006	SPS S&E, Sub	1,743,154	474,691	401,567	319,674	547,222
23	Electric Transmission	Miranda	A.0001448.001	Kiowa, Breaker Add 4R85	1,549,607	97,804	770,510	332,078	349,216
24	Electric Transmission	Miranda	A.0000863.023	T71 Fiber, Line	1,334,358	92,062	762,557	308,700	171,039
25	Electric Transmission	Miranda	A.0001434.005	V03 Center Port, Line	1,237,815	33,793	775,044	376,801	52,176
26	Electric Transmission	Miranda	A.0001044.012	U42 DSTG-TIBL 115kV T-Line	1,234,225	30,688	401,286	323,193	479,058
27	Electric Transmission	Miranda	A.0000640.045	Hereford Int 2820/2821 Bkr	1,194,201	48,150	865,299	157,879	122,873
28	Electric Transmission	Miranda	A.0000863.036	T75 Fiber, Line	1,193,814	336,495	80,757	103,618	672,945
29	Electric Transmission	Miranda	A.0001045.003	K27 230kV Re-term	1,080,020	42,128	190,475	10,410	837,007
30	Electric Transmission	Miranda	A.0001044.027	Deaf Smith 115kV Bus Split	1,066,862	347,411	253,491	53,087	412,874
31	Electric Transmission	Miranda	A.0001414.009	Caveman T62, Line	1,063,365	29,545	553,496	335,427	144,896
32	Electric Transmission	Miranda	A.0000538.024	W21 Line, ROW	1,008,059	8,190	267,505	7,840	724,524
33	Electric Transmission	Miranda	A.0001418.002	Four Way T27 Line	981,529	187,189	140,561	255,397	398,381
34	Electric Transmission	Miranda	A.0001383.007	V50 Str TxDot Relocate	977,500	153,580	210,774	279,259	333,887
35	Electric Transmission	Miranda	A.0001314.009	V15, ROW	943,018	79,612	412,319	5,393	445,695
36	Electric Transmission	Miranda	A.0001430.001	Hopi Sub 2nd XFMR TAM	942,632	88,906	416,988	202,639	234,099
37	Electric Transmission	Miranda	A.0001044.031	K11 Str Change W40	918,391	49,515	224,925	342,489	301,463

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Line No.	Asset Class	Witness	WBS Level 2	Project Description (WBS Level 2 Description)	Base Period Total	Base Period Labor	Base Period Contract Work	Base Period Supplies and Materials	Base Period Other
38	Electric Transmission	Miranda	A.0000303.044	SPS S&E 69kV Line TX	837,146	225,212	158,942	174,577	278,416
39	Electric Transmission	Miranda	A.0000220.040	Tuco Brk NR10	818,564	100,072	139,844	127,514	451,133
40	Electric Transmission	Miranda	A.0000499.058	T54 Str Rpl	793,407	128,389	37,235	(1,183)	628,966
41	Electric Transmission	Miranda	A.0000640.105	Tuco, Rplc Brkr NR05	793,122	96,331	279,270	351,593	65,928
42	Electric Transmission	Miranda	A.0000635.006	Cunningham Wave Trap W26 Term	783,021	26,543	538,032	103,565	114,880
43	Electric Transmission	Miranda	A.0001676.001	FARIA, T47 LINE	755,828	140,502	207,191	240,083	168,052
44	Electric Transmission	Miranda	A.0000303.045	SPS S&E 115kV Line TX	746,043	151,589	190,058	154,104	250,292
45	Electric Transmission	Miranda	A.0000863.093	V44 Fiber, Line	744,037	40,586	591,066	146,308	(33,923)
46	Electric Transmission	Miranda	A.0001050.002	Etter Rural - Moore Co 115kV, V63 R	741,470	33,144	418,720	68,401	221,205
47	Electric Transmission	Miranda	A.0001669.002	Lubbock South, K10 Term Upgrades NT	734,844	29,693	447,321	159,876	97,954
48	Electric Transmission	Miranda	A.0000220.018	SPS NM S&E, Sub	733,095	110,292	119,844	271,707	231,253
49	Electric Transmission	Miranda	A.0000499.011	SPS ELR 115kV NM 2016	724,660	30,601	660,384	49,240	(15,566)
50	Electric Transmission	Miranda	A.0000424.298	U-28 Rebuild	724,519	47,713	311,560	98,575	266,672
51	Electric Transmission	Miranda	A.0000640.051	Denver City, Rplc Brkr W700	719,053	233,508	295,215	63,596	126,734
52	Electric Transmission	Miranda	A.0000863.015	T25 Fiber, Line	694,288	50,245	384,280	140,183	119,580
53	Electric Transmission	Miranda	A.0001044.017	U44 TIBL-HFRD 115kV T-line	646,956	42,403	231,619	152,390	220,545
54	Electric Transmission	Miranda	A.0000401.080	Lamb Co, V13 Relay Upgrades	631,191	51,865	327,562	33,835	217,929
55	Electric Transmission	Miranda	A.0001044.023	Deaf Smith 115kV Sub Term Upgrade-U	629,380	233,006	150,095	21,270	225,010
56	Electric Transmission	Miranda	A.0000863.037	T72 Fiber, Line	626,468	35,199	452,119	76,004	63,147
57	Electric Transmission	Miranda	A.0000499.057	W29 Str Rpl	606,885	232,949	110,539	96,333	167,064
58	Electric Transmission	Miranda	A.0000640.123	Harrington FK40, Brkr Replc	598,972	346,616	100,625	38,636	113,095
59	Electric Transmission	Miranda	A.0000640.041	Coulter Sub Rplc Brkr 2964	598,684	28,812	293,216	35,237	241,419
60	Electric Transmission	Miranda	A.0000640.063	Carlisle, Rplc Brkr 6920	593,150	51,099	317,655	99,813	124,583
61	Electric Transmission	Miranda	A.0001044.018	U43 DSTG-TIBL 115kV T-Line	584,570	26,114	227,899	139,363	191,194
62	Electric Transmission	Miranda	A.0001045.001	K18 230kV Re-term	571,822	6,569	173,252	1,694	390,307
63	Electric Transmission	Miranda	A.0001485.003	Pole Treatment Program 115kV TX	552,464	-	333,427	2,897	216,140
64	Electric Transmission	Miranda	A.0000640.052	Denver City, Rplc Brkr W740	548,822	167,266	222,280	73,610	85,667
65	Electric Transmission	Miranda	A.0001045.008	Lamb Co K37 Term Upgr	541,981	43,768	282,423	49,898	165,893
66	Electric Transmission	Miranda	A.0001050.004	Upgr Moore Co 115kV (V63) Term to E	541,638	31,194	227,118	73,622	209,703
67	Electric Transmission	Miranda	A.0001044.020	U45 TIBL-HFRD 115kV T-line	531,925	31,648	197,419	143,040	159,818
68	Electric Transmission	Miranda	A.0000401.086	Potash T23 Relay Upgrd	530,492	66,331	248,206	129,890	86,065
69	Electric Transmission	Miranda	A.0000640.060	Carlisle, Rplc Brkr 6935	529,327	38,639	341,027	81,966	67,695
70	Electric Transmission	Miranda	A.0000401.087	Cunningham, SEL 2BFR Rplcmnt	527,661	33,254	385,060	61,048	48,299
71	Electric Transmission	Miranda	A.0001439.006	T07 H Bill, Line	524,204	228,823	67,033	100,333	128,015
72	Electric Transmission	Miranda	A.0001044.032	K21 Str Change W40	523,950	26,735	76,061	161,759	259,395
73	Electric Transmission	Miranda	A.0000401.081	East Plant, V43 Relay Upgrades	522,079	81,600	227,854	62,340	150,285
74	Electric Transmission	Miranda	A.0000640.053	Denver City, Rplc Brkr W750	517,111	113,074	261,982	70,774	71,281

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Line No.	Asset Class	Witness	WBS Level 2	Project Description (WBS Level 2 Description)	Base Period Total	Base Period Labor	Base Period Contract Work	Base Period Supplies and Materials	Base Period Other
75	Electric Transmission	Miranda	A.0000427.019	J14 Lidar Mitigation	514,320	33,960	481,425	82,391	(83,456)
76	Electric Transmission	Miranda	A.0000499.060	V37 Str Rpl	513,978	232,212	76,636	132,453	72,678
77	Electric Transmission	Miranda	A.0000863.091	K31 Fiber, Line	513,366	18,499	447,631	76,605	(29,370)
78	Electric Transmission	Miranda	A.0001480.002	Tip Top Solar, RR Term, Sub	510,661	68,420	759,881	111,444	(429,084)
79	Electric Transmission	Miranda	A.0000401.085	PCA T23 Relay Upgrd	505,213	53,092	216,937	135,463	99,721
80	Electric Transmission	Miranda	A.0000640.066	Cochran Co, Rplc Brkr 7845	501,831	40,068	327,243	81,141	53,380
81	Electric Transmission	Miranda	A.0000153.014	Z46.1 Sw 7797 Rplcmnt	490,193	28,512	235,732	70,859	155,090
82	Electric Transmission	Miranda	A.0001189.018	OPIE Phantom Sub Cust Term 1 TOIF	478,405	755	36,265	(1,517)	442,903
83	Electric Transmission	Miranda	A.0001480.001	Tip Top Solar, RR Term TOIF	476,023	24,337	470,233	263,845	(282,393)
84	Electric Transmission	Miranda	A.0000640.050	Cochran Co, Rplc Brkr 7840	469,053	39,163	304,179	68,337	57,374
85	Electric Transmission	Miranda	A.0001161.005	Coulter Relay Sub	466,816	13,699	249,395	55,276	148,447
86	Electric Transmission	Miranda	A.0001362.009	T81 Callahan, Line	464,165	19,281	247,752	180,938	16,194
87	Electric Transmission	Miranda	A.0001045.004	K30 230kV Re-term	460,457	9,054	61,885	821	388,697
88	Electric Transmission	Miranda	A.0000401.095	Osage T75 Relay Upgrade	455,071	30,157	243,494	11,851	169,569
89	Electric Transmission	Miranda	A.0001044.004	Hereford 115kV Sub Term Upgrade U44	453,373	23,657	154,858	3,126	271,732
90	Electric Transmission	Miranda	A.0000401.092	Sundown, SEL 2BFR Rplcmnt	453,326	127,492	199,603	72,690	53,540
91	Electric Transmission	Miranda	A.0001439.012	V79 H Bill, Line	451,827	155,640	143,593	116,182	36,413
92	Electric Transmission	Miranda	A.0000303.007	SPS S&E B 230kV, Line	451,763	79,994	126,439	69,795	175,534
93	Electric Transmission	Miranda	A.0001045.002	K25 230kV Re-term	446,972	7,110	98,358	1,321	340,183
94	Electric Transmission	Miranda	A.0000401.082	Osage, V43 Relay Upgrades	442,715	51,827	197,351	17,654	175,883
95	Electric Transmission	Miranda	A.0000499.073	V34 Line ELR	436,361	31,592	327,758	117,269	(40,257)
96	Electric Transmission	Miranda	A.0001044.003	Deaf Smith 115kV Sub Term Upgrade U	426,393	137,882	140,254	10,251	138,007
97	Electric Transmission	Miranda	A.0000499.075	Y93 Line ELR	421,778	7,839	369,012	94,609	(49,682)
98	Electric Transmission	Miranda	A.0001439.004	K02 H Bill, Line	412,535	148,287	25,117	125,475	113,656
99	Electric Transmission	Miranda	A.0001189.019	OPIE Phantom Sub Cust Term 2 TOIF	411,729	3,411	64,355	10,150	333,813
100	Electric Transmission	Miranda	A.0000303.041	SPS S&E 115kV Line NM	398,231	65,130	279,979	73,392	(20,269)
101	Electric Transmission	Miranda	A.0000499.108	J05-KS LINE ELR	388,306	10,900	372,661	64,097	(59,352)
102	Electric Transmission	Miranda	A.0001427.001	Y58 PH2- BURN to ROXA	377,446	16,716	266,346	69,532	24,853
103	Electric Transmission	Miranda	A.0001033.004	Northwest to Rolling Hills 115kV, W	373,525	392	30,981	(46,281)	388,433
104	Electric Transmission	Miranda	A.0000153.021	V38, Rplc Sw 1975	371,637	47,018	97,795	85,606	141,218
105	Electric Transmission	Miranda	A.0001442.001	Grapevine Sub Erosion Mitigation	355,594	22,459	232,884	12,906	87,346
106	Electric Transmission	Miranda	A.0001668.001	K11 Upgr, Line	353,725	8,110	252,503	64,832	28,280
107	Electric Transmission	Miranda	A.0000499.074	Y92 Line ELR	348,907	14,169	357,189	40,528	(62,978)
108	Electric Transmission	Miranda	A.0000401.088	Grassland, SEL 2BFR Rplcmnt	342,199	114,896	145,627	53,098	28,578
109	Electric Transmission	Miranda	A.0001167.100	Amarillo South SPE Relay UPGS TX	337,425	57,187	233,247	20,524	26,468
110	Electric Transmission	Miranda	A.0001434.008	Nichols, V03 Relay Upgrade	329,650	11,307	250,749	17,427	50,167
111	Electric Transmission	Miranda	A.0001061.009	XIT 115kV Sub TOIF	324,903	-	-	-	324,903

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112	Electric Transmission	Miranda	A.0000401.094	Amarillo South T75 Relay Upgrade	319,123	17,222	189,585	9,504	102,811
113	Electric Transmission	Miranda	A.0001219.017	T79 MOORE CO ELR RFL9300 SPS TX	317,684	23,544	181,111	23,295	89,734
114	Electric Transmission	Miranda	A.0000499.101	T89 LINE ELR	317,408	11,066	308,987	31,379	(34,024)
115	Electric Transmission	Miranda	A.0001478.001	Oxy Y79 Tap, Line	313,378	21	9,087	(2,156)	306,426
116	Electric Transmission	Miranda	A.0001434.007	East Plant, V03 Relay Upgrade	305,666	19,641	229,347	17,714	38,963
117	Electric Transmission	Miranda	A.0000153.019	Z18 Rplc Sw 9703	293,151	54,092	57,411	9,418	172,230
118	Electric Transmission	Miranda	A.0001219.011	T78 MOORE CO ELR RFL9300 SPS TX	292,086	13,448	147,265	38,957	92,416
119	Electric Transmission	Miranda	A.0000286.023	Tolk Reactors	291,817	16,913	-	237,657	37,247
120	Electric Transmission	Miranda	A.0000635.003	Oil Center W-26 line terminal upgra	279,694	13,444	178,584	51,595	36,071
121	Electric Transmission	Miranda	A.0001044.021	Canyon West 115kV Sub Term Upgrade	275,246	15,584	128,892	11,882	118,888
122	Electric Transmission	Miranda	A.0001439.008	V31 H Bill, Line	272,259	70,668	101,703	45,541	54,347
123	Electric Transmission	Miranda	A.0000863.094	T86 Fiber, Line	271,909	4,240	199,233	58,318	10,118
124	Electric Transmission	Miranda	A.0001044.002	Castro Co 115kV Sub Term Upgrade	269,652	7,389	114,138	44,985	103,139
125	Electric Transmission	Miranda	A.0000499.105	R05 LINE ELR	266,616	107,666	64,376	79,847	14,727
126	Electric Transmission	Miranda	A.0000499.077	Z41 Line ELR	264,989	96,140	58,278	50,166	60,405
127	Electric Transmission	Miranda	A.0000401.078	Hale Z18-8736 Relay Upgrd	261,137	61,794	143,388	32,411	23,544
128	Electric Transmission	Miranda	A.0001439.015	Z51 H Bill, Line	259,978	16,782	240,651	44,267	(41,721)
129	Electric Transmission	Miranda	A.0001044.024	Hereford 115kV Sub Term Upgrade-U45	259,162	19,483	109,377	1,761	128,541
130	Electric Transmission	Miranda	A.0000640.106	Roosevelt, Rplc Brkr 4K25	256,338	90,576	19,980	112,576	33,206
131	Electric Transmission	Miranda	A.0000153.013	V49.1 Switch 7998 Replacement	249,326	41,622	60,567	89,988	57,149
132	Electric Transmission	Miranda	A.0001045.014	Tuco K42 Term Upgr	247,347	12,210	148,582	46,590	39,964
133	Electric Transmission	Miranda	A.0000303.042	SPS S&E 230kV Line NM	246,117	5,652	59,144	19,810	161,512
134	Electric Transmission	Miranda	A.0001485.004	Pole Treatment Program 230kV TX	243,323	(0)	103,838	977	138,507
135	Electric Transmission	Miranda	A.0000401.079	Crosby Y84-7805 Relay Upgrd	239,381	41,163	133,463	36,998	27,757
136	Electric Transmission	Miranda	A.0001045.009	Plant X K27 Term Upgr	238,955	39,213	134,370	16,633	48,738
137	Electric Transmission	Miranda	A.0001228.004	Nichols Sub LRU	232,742	37,658	82,013	12,982	100,088
138	Electric Transmission	Miranda	A.0001669.001	K10 Upgr, Line	228,576	15,411	140,635	60,081	12,449
139	Electric Transmission	Miranda	A.0000401.077	Hale Z63-8740 Relay Upgrd	223,763	63,200	109,182	31,740	19,642
140	Electric Transmission	Miranda	A.0000303.050	SPS S&E 345kV Line KS	222,505	17,138	146,577	44,154	14,636
141	Electric Transmission	Miranda	A.0001045.016	Roosevelt Co K18 Term Upgrds	220,686	43,621	84,781	53,477	38,807
142	Electric Transmission	Miranda	A.0000499.069	J14 Line	219,937	21,567	215,729	16,649	(34,008)
143	Electric Transmission	Miranda	A.0001045.017	Roosevelt K-30 LRU	214,733	27,468	102,801	43,872	40,591
144	Electric Transmission	Miranda	A.0000879.016	J26 Permit Renewal - OK	208,380	2	154	2,927	205,298
145	Electric Transmission	Miranda	A.0001044.013	U47 TIBL-CAWE 115kV T-line	203,327	36,724	97,678	43,890	25,036
146	Electric Transmission	Miranda	A.0001439.011	V37 H Bill, Line	201,608	49,941	80,867	56,499	14,301
147	Electric Transmission	Miranda	A.0000499.089	T07 Line ELR	198,185	73,657	74,171	33,309	17,048
148	Electric Transmission	Miranda	A.0001045.010	Plant X K45 Term Upgr	196,802	8,467	135,462	12,306	40,568

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149	Electric Transmission	Miranda	A.0001044.005	Hereford NE 115kV Sub Term Upgrade	196,416	8,908	68,581	8,274	110,654
150	Electric Transmission	Miranda	A.0000499.061	V33 Str Rpl	195,558	157	663	(1,882)	196,621
151	Electric Transmission	Miranda	A.0000499.070	K37 Line ELR	194,399	60,498	84,556	32,669	16,677
152	Electric Transmission	Miranda	A.0001485.002	Pole Treatment Program 69kV TX	191,153	-	5,116	49	185,989
153	Electric Transmission	Miranda	A.0001383.009	TxDot Z-34 Relocate	184,081	40,795	37,971	20,968	84,347
154	Electric Transmission	Miranda	A.0001439.019	K31 H Bill, Line	175,983	20,667	149,970	34,025	(28,679)
155	Electric Transmission	Miranda	A.0001044.015	U46 TIBL-HFNE 115kV T-Line	173,303	4,078	97,678	29,915	41,632
156	Electric Transmission	Miranda	A.0000499.056	Z05 Str Rplc	169,296	40,442	105,542	11,236	12,075
157	Electric Transmission	Miranda	A.0000499.055	U21 Str Rplc	162,605	46,816	74,131	3,894	37,765
158	Electric Transmission	Miranda	A.0001439.013	T04 H Bill, Line	158,085	47,200	64,446	32,949	13,490
159	Electric Transmission	Miranda	A.0000499.076	Z36 Line	142,780	54,658	65,112	16,731	6,279
160	Electric Transmission	Miranda	A.0001400.001	Amerada Hess Sub Oxy Cable Work	128,544	1,727	9,124	424	117,270
161	Electric Transmission	Miranda	A.0001485.049	Pole Treatment Program 230kV NM	126,306	-	99,679	862	25,764
162	Electric Transmission	Miranda	A.0000499.104	R06 LINE ELR	122,148	33,600	42,234	10,667	35,646
163	Electric Transmission	Miranda	A.0001439.018	Y67 H Bill, Line	117,459	22,483	82,449	13,582	(1,054)
164	Electric Transmission	Miranda	A.0001485.050	Pole Treatment Program 345kV KS	109,515	-	7,855	111	101,549
165	Electric Transmission	Miranda	A.0001439.007	T53 H Bill, Line	106,882	6,472	82,989	8,808	8,613
166	Electric Transmission	Miranda	A.0001167.110	Maddox, SPE Relay Upgrades	106,384	148	33,710	670	71,856
167	Electric Transmission	Miranda	A.0000105.005	Tolk Terminal Upgrades	105,440	(0)	-	0	105,440
168	Electric Transmission	Miranda	A.0001167.037	Terry Co SPE Relay Upgrades TX	104,762	261	(45,615)	3,117	146,999
169	Electric Transmission	Miranda	A.0001228.007	Dumas 19th St Sub LRU	104,273	81,044	44,307	11,945	(33,023)
170	Electric Transmission	Miranda	A.0000538.044	T04 Str Raise, Z51 Rbld PHI	104,218	27,143	33,730	33,655	9,690
171	Electric Transmission	Miranda	A.0001420.001	Finney SSVT 345kV	98,807	(554)	8,027	114	91,220
172	Electric Transmission	Miranda	A.0001699.001	OXY BRU 2nd XFMR	97,486	23,611	16,543	1,705	55,627
173	Electric Transmission	Miranda	A.0000673.022	TUCO-Yoakum 345kV ROW_UID 5044	97,022	-	-	867	96,155
174	Electric Transmission	Miranda	A.0001383.010	TxDot T-47 Relocate	95,332	12,432	63,893	8,157	10,849
175	Electric Transmission	Miranda	A.0001477.002	DS #26, W51 SW, TOIF	92,446	-	-	-	92,446
176	Electric Transmission	Miranda	A.0001439.020	K85 H Bill, Line	90,713	3,599	94,758	6,566	(14,210)
177	Electric Transmission	Miranda	A.0000303.066	V13 Str Rpl PPR	87,303	51	(0)	494	86,759
178	Electric Transmission	Miranda	A.0000469.019	J01 Rplc Insulators	83,455	(358)	6,010	85	77,718
179	Electric Transmission	Miranda	A.0001485.048	Pole Treatment Program 345kV TX	83,346	-	6,602	60	76,684
180	Electric Transmission	Miranda	A.0000499.100	T91 LINE ELR	83,081	30,680	25,320	13,599	13,481
181	Electric Transmission	Miranda	A.0001044.014	U48 TIBL-CSCO 115kV T-Line	80,578	31,265	14,792	12,025	22,495
182	Electric Transmission	Miranda	A.0001291.002	Denver City Bkr Rplc W950	79,072	3,603	59	(0)	75,410
183	Electric Transmission	Miranda	A.0000511.026	K39 LPL Line Reterm at Carlisle	73,461	(19)	-	(0)	73,480
184	Electric Transmission	Miranda	A.0001005.006	Z18 ROW	71,798	-	53,530	671	17,597
185	Electric Transmission	Miranda	A.0001033.005	Rolling Hills-NW K59 Line	71,500	188	21,677	1,006	48,629

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186	Electric Transmission	Miranda	A.0001439.021	V29 H Bill, Line	70,592	7,696	55,835	9,485	(2,424)
187	Electric Transmission	Miranda	A.0001059.006	Potter Tertiary Reactors Relay Upga	66,688	14,829	36,924	6,425	8,510
188	Electric Transmission	Miranda	A.0000303.071	T60 Str Rpl PPR	59,644	10	23,769	275	35,589
189	Electric Transmission	Miranda	A.0000303.077	Y80 Str Rpl PPR	59,334	2,541	1,213	(155)	55,735
190	Electric Transmission	Miranda	A.0000499.123	Z05 LINE ELR	59,318	25,965	16,971	11,306	5,076
191	Electric Transmission	Miranda	A.0001291.003	Denver City Bkr Rplc W975	57,348	223	3,331	43	53,751
192	Electric Transmission	Miranda	A.0000537.001	Novus Wind IV - Hitchland Sub	57,347	3,400	47,276	150	6,520
193	Electric Transmission	Miranda	A.0000303.040	SPS S&E 69kV Line NM	56,218	23,551	1,094	2,502	29,071
194	Electric Transmission	Miranda	A.0001362.008	Callahan Y77 Tap Line	56,109	17,374	16,185	8,280	14,271
195	Electric Transmission	Miranda	A.0000888.002	XTO Tap 3 Way Switch Transmission	55,022	(3)	-	-	55,024
196	Electric Transmission	Miranda	A.0000499.051	T94 Str Rpl NM	52,397	3	47,453	658	4,283
197	Electric Transmission	Miranda	A.0001167.071	Higgs T89 SPE Relay UPGS TX	51,951	(321)	7,307	103	44,863
198	Electric Transmission	Miranda	A.0000499.091	W12 Line ELR	51,803	7,043	16,153	17,485	11,122
199	Electric Transmission	Miranda	A.0001449.002	WIPP XFMR Diff Relays Split Path	50,652	7	33,556	5,646	11,444
200	Electric Transmission	Miranda	A.0000673.021	TUCO-Yoakum 345kV Line_UID 504	48,675	-	42,090	492	6,092
201	Electric Transmission	Miranda	A.0001046.002	WIPP U-09 terminal upgrade	47,391	386	47,986	(4,373)	3,391
202	Electric Transmission	Miranda	A.0000538.045	V02 Tline Highland Park, ROW	47,358	26,724	20,562	232	(159)
203	Electric Transmission	Miranda	A.0001383.008	TxDot V50, ROW	44,736	1	51	745	43,939
204	Electric Transmission	Miranda	A.0001167.040	Plant X K46 Line SPE Relay Upgrades	43,075	24	67	1	42,982
205	Electric Transmission	Miranda	A.0001237.001	Wollforth transformer upgrade 230/1	42,867	1,003	45,342	720	(4,198)
206	Electric Transmission	Miranda	A.0001167.050	Denver Cty V16 SPE Relay UPGS TX	42,435	127	38,192	918	3,197
207	Electric Transmission	Miranda	A.0000499.117	T68 LINE ELR	42,234	10,417	21,929	8,031	1,857
208	Electric Transmission	Miranda	A.0001005.005	V07 Rebuild ROW	40,944	70	22,056	370	18,448
209	Electric Transmission	Miranda	A.0001167.111	Taylor SS, SPE Relay Upgrades	40,441	721	15,973	519	23,229
210	Electric Transmission	Miranda	A.0000350.008	Lea County Plains 115kV Sub Term Up	40,038	(83)	-	0	40,121
211	Electric Transmission	Miranda	A.0000879.008	J06 BLM Permit 20 Year	39,984	-	-	-	39,984
212	Electric Transmission	Miranda	A.0000424.271	U39 Quahada to Lynch	39,966	229	29,188	504	10,046
213	Electric Transmission	Miranda	A.0001419.007	T97 Line Re-Termination	39,797	43	15,460	6,583	17,711
214	Electric Transmission	Miranda	A.0001059.002	Bushland Auto Bus Diff Relay Upgrad	38,367	78	40,920	(271)	(2,360)
215	Electric Transmission	Miranda	A.0001167.034	Cochran V56 Line SPE Relay Upgrades	37,922	0	92	2	37,828
216	Electric Transmission	Miranda	A.0001059.007	Crosby Co 115kV Bus Diff	37,628	9	37,634	598	(612)
217	Electric Transmission	Miranda	A.0000401.150	Eddy Co DFR	36,646	30,360	715	6,699	(1,128)
218	Electric Transmission	Miranda	A.0001375.002	Amherst Tap, ROW	36,258	214	27,144	212	8,688
219	Electric Transmission	Miranda	A.0001776.002	T71 Str 6 Relocate, Line	34,024	10,258	3,603	9,293	10,870
220	Electric Transmission	Miranda	A.0000424.272	U38 Lynch to Maddox	33,848	229	23,874	412	9,334
221	Electric Transmission	Miranda	A.0000640.067	Happy, Rplc Brkr 3765	33,578	8,068	13,490	(1,021)	13,040
222	Electric Transmission	Miranda	A.0000499.059	V56 Str Rpl	31,542	(2)	41,926	286	(10,669)

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223	Electric Transmission	Miranda	A.0001167.046	Hockley T31 Line SPE Relay Upgrades	31,352	(4)	(0)	0	31,356
224	Electric Transmission	Miranda	A.0001156.001	Int 1 Way 115kV Switch Tap	30,562	0	0	(0)	30,562
225	Electric Transmission	Miranda	A.0000303.079	W35 Str Rpl PPR	30,545	21	-	0	30,524
226	Electric Transmission	Miranda	A.0000303.043	SPS S&E 345kV Line NM	29,352	20,621	7,434	5,744	(4,447)
227	Electric Transmission	Miranda	A.0000863.090	T74 Fiber, Line	28,105	4,778	1,590	22,324	(587)
228	Electric Transmission	Miranda	A.0000588.036	Industrial RTU Rplcmnt, Sub	26,034	108	24,637	495	794
229	Electric Transmission	Miranda	A.0000795.005	SPS Sub Comm Network Group 1 L 230k	25,882	(97)	-	22,237	3,742
230	Electric Transmission	Miranda	A.0001485.047	Pole Treatment Program 345kV OK	25,828	-	-	-	25,828
231	Electric Transmission	Miranda	A.0000499.118	W91 LINE ELR	25,413	5,378	20,106	1,376	(1,447)
232	Electric Transmission	Miranda	A.0001167.068	Seminole W11 SPE Relay UPGS TX	25,328	19	22,438	294	2,577
233	Electric Transmission	Miranda	A.0000863.092	T79 Fiber, Line	23,985	1,532	21,477	304	672
234	Electric Transmission	Miranda	A.0001041.002	Sundown V55 Term Upgrade	23,876	30	3,441	36	20,370
235	Electric Transmission	Miranda	A.0000153.012	Z50 Muleshoe West Switch	21,382	691	444	5	20,242
236	Electric Transmission	Miranda	A.0001243.001	Carlisle Cap Bank Rplmt	21,146	28	1,946	(3,927)	23,100
237	Electric Transmission	Miranda	A.0000499.022	Z61 ELR Maintenance	21,014	(36)	0	(0)	21,050
238	Electric Transmission	Miranda	A.0001204.002	Z18 Tuco Hale Center Phase 2	20,007	26,120	38,378	(9,786)	(34,705)
239	Electric Transmission	Miranda	A.0001041.004	Denver City, V16 Terminal Upgrade	19,789	2,736	14,356	1,078	1,620
240	Electric Transmission	Miranda	A.0001440.001	Spearman Sub, T87 Term	19,739	28	1,744	23	17,943
241	Electric Transmission	Miranda	A.0001033.007	Rolling Hills W46 Terminal Sub	18,629	402	14,467	200	3,560
242	Electric Transmission	Miranda	A.0000499.043	V43 Str Rpl	16,897	12	0	-	16,885
243	Electric Transmission	Miranda	A.0001033.008	Northwest W46 Terminal Sub	16,493	34	12,329	174	3,956
244	Electric Transmission	Miranda	A.0000499.041	V04 Str Rpl	16,426	(4)	1,684	24	14,723
245	Electric Transmission	Miranda	A.0000220.026	SPS 2015 OK SE Sub	16,356	9	-	(0)	16,348
246	Electric Transmission	Miranda	A.0000863.011	W77 Fiber, Line	15,369	44	17,050	220	(1,945)
247	Electric Transmission	Miranda	A.0000424.113	Kiowa 345kV Eddy Co Term Sub	15,332	1	7,261	98	7,972
248	Electric Transmission	Miranda	A.0000303.082	T84 Str Rpl PPR	15,260	1	-	-	15,259
249	Electric Transmission	Miranda	A.0001214.004	U26 LS Malaga 115kV Line	14,460	0	13,317	7	1,136
250	Electric Transmission	Miranda	A.0001030.001	Mustang - Seminole New 115kV Line	14,448	(133)	8,113	(3,798)	10,266
251	Electric Transmission	Miranda	A.0001045.007	K45 230kV Re-term	13,971	2,045	6,784	100	5,042
252	Electric Transmission	Miranda	A.0000424.274	K23 Term Str Replacement	12,996	4,617	439	(0)	7,940
253	Electric Transmission	Miranda	A.0001219.037	T56 Mustang 115 ELR RFL 9300 Relays	12,674	40	6,832	96	5,707
254	Electric Transmission	Miranda	A.0001479.061	Roadrunner BFM 4H995	12,324	5,143	-	5,399	1,783
255	Electric Transmission	Miranda	A.0001005.004	K01 Structure Raise	12,189	(13)	(61)	(229)	12,493
256	Electric Transmission	Miranda	A.0001485.006	Pole Treatment Program 345kV NM	12,093	-	-	-	12,093
257	Electric Transmission	Miranda	A.0000499.092	T74 Line ELR	11,850	10,283	-	3,405	(1,838)
258	Electric Transmission	Miranda	A.0000424.296	Quahada Relay Upgrade, U39 Term	11,563	97	10,415	153	898
259	Electric Transmission	Miranda	A.0001045.005	K37 230kV Re-term	11,490	7,492	4,248	56	(305)

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260	Electric Transmission	Miranda	A.0000879.015	Z67 Permit Renewal	11,193	1,070	9,947	122	53
261	Electric Transmission	Miranda	A.0001419.001	Millen ? Sub 2nd XFMR TAM	10,389	4,646	20,772	(1,891)	(13,138)
262	Electric Transmission	Miranda	A.0000303.073	Z76 Str Rpl PPR	10,022	102	3,262	38	6,621
263	Electric Transmission	Miranda	A.0001440.002	T87, Line, Str Rplcmnts	9,694	202	11,341	260	(2,109)
264	Electric Transmission	Miranda	A.0001421.001	Spearman Breaker Replacement 1715	9,428	101	9,470	(707)	564
265	Electric Transmission	Miranda	A.0001252.002	Tuco Bkr Rplc N905 & N912	9,062	2,187	6,238	93	544
266	Electric Transmission	Miranda	A.0000424.270	Lynch Sub TAM	8,936	1,113	5,983	600	1,241
267	Electric Transmission	Miranda	A.0001041.005	Terry Co, V16 Terminal Upgrade	8,563	7	9,202	99	(745)
268	Electric Transmission	Miranda	A.0001439.022	V63 Guy Str H Bill, Lline	8,561	119	9,525	316	(1,399)
269	Electric Transmission	Miranda	A.0001045.006	K42 230kV Re-term	8,226	90	5,106	3,418	(388)
270	Electric Transmission	Miranda	A.0000424.297	Maddox Relay Upgrade, U38 Term	7,992	(0)	7,159	111	722
271	Electric Transmission	Miranda	A.0001439.002	Y50 H Bill, Line	7,810	239	7,616	83	(128)
272	Electric Transmission	Miranda	A.0001408.005	Sisko Sub TAM	7,799	0	6,874	89	836
273	Electric Transmission	Miranda	A.0001215.001	Inst W39 Switch Poker Cowboy Temp	7,623	21	2,090	4,830	681
274	Electric Transmission	Miranda	A.0001167.041	Wolforth Intg SPE Relay Upgrades TX	7,615	26	9,496	266	(2,174)
275	Electric Transmission	Miranda	A.0001030.009	W13 1 62/53 Circuit DC with U25	7,484	(6)	-	(189)	7,679
276	Electric Transmission	Miranda	A.0000424.108	Kiowa-Eddy Co 345kV Line	7,414	205	16,104	(10,611)	1,716
277	Electric Transmission	Miranda	A.0001408.001	W25 Sisko Line	7,074	6	5,548	74	1,446
278	Electric Transmission	Miranda	A.0000879.012	Y58 Permit Renewal	5,955	-	8,282	101	(2,427)
279	Electric Transmission	Miranda	A.0000879.013	Y61 Permit Renewal	5,955	-	7,142	90	(1,276)
280	Electric Transmission	Miranda	A.0000879.014	Y63 Permit Renewal	5,925	-	7,142	90	(1,306)
281	Electric Transmission	Miranda	A.0001479.070	Roadrunner BFM 4H965	5,687	4,407	-	288	992
282	Electric Transmission	Miranda	A.0000401.064	Yoakum Relay Upgrade V99 Term	5,244	55	4,673	-	517
283	Electric Transmission	Miranda	A.0001682.001	V34 Str Raise LP&L	5,056	7,006	(5,956)	174	3,832
284	Electric Transmission	Miranda	A.0000303.049	SPS S&E 345kV Line OK	5,047	4,780	-	202	65
285	Electric Transmission	Miranda	A.0001479.042	China Draw BFM 4H680	4,944	719	-	3,438	788
286	Electric Transmission	Miranda	A.0001059.003	Potter Auto Bus Diff Relay Upgrade	4,571	6	5,720	53	(1,208)
287	Electric Transmission	Miranda	A.0000879.010	TDC K98 Dallam-Channing Easement-10	4,121	-	-	-	4,121
288	Electric Transmission	Miranda	A.0000499.053	Y56 Str Rpl	4,079	1	1,390	20	2,668
289	Electric Transmission	Miranda	A.0001479.059	Roadrunner BFM 4H910	3,553	2,470	-	288	796
290	Electric Transmission	Miranda	A.0001479.025	Portales Intg BFM 3H525	3,546	2,609	-	195	743
291	Electric Transmission	Miranda	A.0000673.029	Yoakum 345kV Sub Reactor/TUCO	3,538	(5)	0	(3,969)	7,512
292	Electric Transmission	Miranda	A.0001292.009	U35 China Draw Aztec Line	3,536	-	-	-	3,536
293	Electric Transmission	Miranda	A.0001439.005	T31 H Bill, Line	3,533	1,715	-	4,063	(2,245)
294	Electric Transmission	Miranda	A.0001776.003	Y50 Str 6 Relocate, Line	3,481	2,463	-	1,270	(252)
295	Electric Transmission	Miranda	A.0001479.049	China Draw BFM 4J510	3,416	2,357	-	288	771
296	Electric Transmission	Miranda	A.0001479.043	China Draw BFM 4J455	3,278	2,030	-	288	960

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297	Electric Transmission	Miranda	A.0001479.036	China Draw BFM 4J500	3,239	2,298	-	288	653
298	Electric Transmission	Miranda	A.0000303.084	W36 Str Rpl PPR	3,235	24	3,685	40	(513)
299	Electric Transmission	Miranda	A.0001219.003	T55 DNV CY ELR RFL9300 SPS TX	3,128	36	1,485	21	1,587
300	Electric Transmission	Miranda	A.0001479.029	Portales Intg BFM 3H500	2,825	2,321	-	195	309
301	Electric Transmission	Miranda	A.0001479.065	Roadrunner BFM 4H990	2,731	1,714	-	480	537
302	Electric Transmission	Miranda	A.0001479.066	Roadrunner BFM 4H985	2,343	1,424	-	480	440
303	Electric Transmission	Miranda	A.0001479.071	Roadrunner BFM 4H960	2,333	1,703	-	288	343
304	Electric Transmission	Miranda	A.0001479.056	Roadrunner BFM 4H925	2,153	1,304	-	288	561
305	Electric Transmission	Miranda	A.0001479.050	China Draw BFM 4J505	2,052	1,241	-	288	523
306	Electric Transmission	Miranda	A.0001479.034	China Draw BFM 4J485	2,007	1,218	-	288	501
307	Electric Transmission	Miranda	A.0001479.046	China Draw BFM 4J470	1,968	1,197	-	288	482
308	Electric Transmission	Miranda	A.0001479.067	Roadrunner BFM 4H980	1,949	1,106	-	480	363
309	Electric Transmission	Miranda	A.0001479.048	China Draw BFM 4J515	1,947	1,267	-	288	392
310	Electric Transmission	Miranda	A.0001479.035	China Draw BFM 4J495	1,924	1,188	-	288	448
311	Electric Transmission	Miranda	A.0001479.038	China Draw BFM 4T805	1,907	985	-	288	634
312	Electric Transmission	Miranda	A.0001479.040	China Draw BFM 4H670	1,749	1,075	-	283	391
313	Electric Transmission	Miranda	A.0001479.026	Portales Intg BFM 3H520	1,704	1,293	-	197	214
314	Electric Transmission	Miranda	A.0001479.058	Roadrunner BFM 4H915	1,685	1,105	-	288	292
315	Electric Transmission	Miranda	A.0001479.053	Roadrunner BFM 4H950	1,674	988	-	288	398
316	Electric Transmission	Miranda	A.0001479.060	Roadrunner BFM 4H905	1,666	1,078	-	288	301
317	Electric Transmission	Miranda	A.0001479.033	China Draw BFM 4J480	1,663	961	-	288	414
318	Electric Transmission	Miranda	A.0001479.057	Roadrunner BFM 4H920	1,656	916	-	288	452
319	Electric Transmission	Miranda	A.0001479.064	China Draw BFM 4J520	1,575	931	-	288	356
320	Electric Transmission	Miranda	A.0000795.002	SPS Sub Comm Network Group 1 S	1,533	0	735	12	787
321	Electric Transmission	Miranda	A.0001479.075	Roadrunner BFM 4W420	1,489	914	-	278	297
322	Electric Transmission	Miranda	A.0001167.113	Cochran SPE Relay, REV 1	1,483	4	-	-	1,480
323	Electric Transmission	Miranda	A.0001219.004	K55 MUSTANG ELR RFL9300 SPS TX	1,465	-	1,290	18	157
324	Electric Transmission	Miranda	A.0001163.001	Hunsley Highside	1,447	(0)	-	1,357	90
325	Electric Transmission	Miranda	A.0000514.004	Carlsbad 115kV Switch Replacement	1,446	(0)	1,309	-	137
326	Electric Transmission	Miranda	A.0001219.009	T56 DNV CY ELR RFL9300 SPS TX	1,400	2	68	(0)	1,331
327	Electric Transmission	Miranda	A.0000424.275	CRSR SER1 345kV J16 Relay	1,360	(0)	1,503	21	(165)
328	Electric Transmission	Miranda	A.0001479.068	Roadrunner BFM 4H975	1,342	741	-	288	313
329	Electric Transmission	Miranda	A.0001219.006	T 55 MUSTANG ELR RFL9300 SPS TX	1,316	0	1,171	16	129
330	Electric Transmission	Miranda	A.0001479.069	Roadrunner BFM 4H970	1,248	759	-	288	201
331	Electric Transmission	Miranda	A.0001479.006	Finney BFM OR90/OR70	1,126	-	-	1,005	121
332	Electric Transmission	Miranda	A.0000842.007	Plant X-Castro Carrier Equipment	1,114	0	-	-	1,114
333	Electric Transmission	Miranda	A.0001479.047	China Draw BFM 4J475	1,107	495	-	288	325

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334	Electric Transmission	Miranda	A.0001479.039	China Draw BFM 4J600	1,086	540	-	288	258
335	Electric Transmission	Miranda	A.0001479.041	China Draw BFM 4H675	1,080	525	-	288	267
336	Electric Transmission	Miranda	A.0001479.074	Roadrunner BFM 4W415	1,071	599	-	278	194
337	Electric Transmission	Miranda	A.0001479.044	China Draw BFM 4J460	1,063	563	-	288	212
338	Electric Transmission	Miranda	A.0001479.055	Roadrunner BFM 4H930	939	504	-	288	147
339	Electric Transmission	Miranda	A.0000665.005	TUCO Mooreland Woodward TX RO	860	866	-	-	(6)
340	Electric Transmission	Miranda	A.0001479.037	China Draw BFM 4T815	824	316	-	288	220
341	Electric Transmission	Miranda	A.0001189.024	Red Bluff U28 Phantom Terminal	774	-	687	10	77
342	Electric Transmission	Miranda	A.0001479.052	Roadrunner BFM 4H955	766	326	-	288	152
343	Electric Transmission	Miranda	A.0001479.051	Portales Intg BFM 3H510	753	476	-	195	82
344	Electric Transmission	Miranda	A.0001479.022	Portales Intg BFM 3H540	739	439	-	195	106
345	Electric Transmission	Miranda	A.0001479.045	China Draw BFM 4J465	732	277	-	288	167
346	Electric Transmission	Miranda	A.0001479.063	China Draw BFM 4J595	657	261	-	288	109
347	Electric Transmission	Miranda	A.0001479.073	Roadrunner BFM 4H940	614	206	-	296	112
348	Electric Transmission	Miranda	A.0001479.054	Roadrunner BFM 4H945	610	210	-	288	112
349	Electric Transmission	Miranda	A.0001479.062	Roadrunner BFM 4H900	571	156	-	288	127
350	Electric Transmission	Miranda	A.0000303.078	Y50 Str Rpl PPR	569	4	768	7	(209)
351	Electric Transmission	Miranda	A.0001479.023	Portales Intg BFM 3H535	566	296	-	195	75
352	Electric Transmission	Miranda	A.0001479.028	Portales Intg BFM 3H505	564	300	-	195	69
353	Electric Transmission	Miranda	A.0001479.024	Portales Intg BFM 3H530	528	288	-	195	45
354	Electric Transmission	Miranda	A.0001477.007	Castro Co Relay Upgr, W51 Term	501	-	441	6	54
355	Electric Transmission	Miranda	A.0001479.027	Portales Intg BFM 3H515	491	322	-	99	71
356	Electric Transmission	Miranda	A.0000481.001	ink basin substation	435	-	323	-	112
357	Electric Transmission	Miranda	A.0000401.065	Plains Relay Upgrade V99 Term	387	(5)	68	(24)	349
358	Electric Transmission	Miranda	A.0000303.088	W74 Str Rpl PPR	382	461	-	-	(79)
359	Electric Transmission	Miranda	A.0001079.002	Inst 115kV Quincy Sw Station Xcel P	351	-	261	-	90
360	Electric Transmission	Miranda	A.0001384.005	XTO BEU Sub, RTCA	343	-	297	5	40
361	Electric Transmission	Miranda	A.0000635.001	W-26 Cunningham-Monument Tap wreck	303	-	222	-	81
362	Electric Transmission	Miranda	A.0000979.007	Mustang Sub Sub Portion Sub	264	-	196	-	68
363	Electric Transmission	Miranda	A.0000979.001	115Line Mustang-Shell Trans Po	232	-	170	-	62
364	Electric Transmission	Miranda	A.0000401.050	East Plant 2K50 Relay Replacement	227	(1)	61	0	167
365	Electric Transmission	Miranda	A.0001383.004	TxDot Z-33 Relocate	205	5	246	-	(47)
366	Electric Transmission	Miranda	A.0000979.010	Shell Substation Sub Portion	181	0	149	-	32
367	Electric Transmission	Miranda	A.0001114.001	Z18 Tuco-Plainview Line Ph 4	114	0	111	-	2
368	Electric Transmission	Miranda	A.0001325.013	Randall Co Sub W77 Term Upgr	95	-	-	-	95
369	Electric Transmission	Miranda	A.0001079.006	Murphy Substation Relay Replacement	70	0	61	-	9
370	Electric Transmission	Miranda	A.0001183.002	Less Terminal Upgrade Sub	66	0	57	-	9

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371	Electric Transmission	Miranda	A.0000494.002	Seminole Xfmr 2	58	0	46	-	12
372	Electric Transmission	Miranda	A.0001284.003	Lynn Co 69kV Bkr 7740	50	0	46	-	4
373	Electric Transmission	Miranda	A.0000673.039	Hobbs Sub 345kV Yoakum Reator	47	-	35	-	12
374	Electric Transmission	Miranda	A.0000979.002	Denver City -Shell Reterm Tran	39	0	35	-	4
375	Electric Transmission	Miranda	A.0000673.031	Yoakum Sub Xmfr 345kV/230KV_UI	33	0	-	-	33
376	Electric Transmission	Miranda	A.0001439.010	J15 H Bill, Line	19	0	-	-	19
377	Electric Transmission	Miranda	A.0000303.072	T62 Str Rpl PPR	17	0	-	-	17
378	Electric Transmission	Miranda	A.0000401.091	Potter Co, SEL 2BFR Rplcmnt	1	-	-	-	1
379	Electric Transmission	Miranda	A.0001477.008	Newhart Relay Upgrd, W51 Term	0	-	-	-	0
380	Electric Transmission	Miranda	A.0000640.062	Carlisle, Rplc Brkr 6890	0	-	-	-	0
381	Electric Transmission	Miranda	A.0000795.013	PTCO Fiber Ring Sub	0	-	-	-	0
382	Electric Transmission	Miranda	A.0001676.002	FARIA, T47 Line TOIF	0	-	-	-	-
383	Electric Transmission	Miranda	A.0001022.008	White Deer Sub Highside	(3)	-	-	-	(3)
384	Electric Transmission	Miranda	A.0001300.024	Z09 Removal from S Main St to RIAC	(17)	1	(156)	-	138
385	Electric Transmission	Miranda	A.0000105.007	Plant X Terminal Upgrades TX	(18)	-	-	-	(18)
386	Electric Transmission	Miranda	A.0000514.005	PCA V61 Sub Relay Upg-Carlsbad	(27)	-	(25)	1	(3)
387	Electric Transmission	Miranda	A.0001030.007	Seminole Sub - Terminal Upgrade	(155)	15	-	-	(170)
388	Electric Transmission	Miranda	A.0001359.001	Castro Co Terminal Orion Wind	(247)	0	-	-	(247)
389	Electric Transmission	Miranda	A.0000640.042	Eddy Co Siemens SVC HMI 4K75 Breake	(363)	0	(367)	(5)	9
390	Electric Transmission	Miranda	A.0001041.009	K53 Term Upgrade Grapevine Nichols	(375)	0	231	(650)	44
391	Electric Transmission	Miranda	A.0000795.016	HRST-EAPL K-44 230kV Line	(469)	6	-	0	(476)
392	Electric Transmission	Miranda	A.0000303.065	W24 Str Rpl PPR	(477)	27	-	-	(505)
393	Electric Transmission	Miranda	A.0001106.001	WIPP W38 Structure Relocate	(490)	0	(1,225)	-	735
394	Electric Transmission	Miranda	A.0000588.037	Gray Co RTU Rplcmnt, Sub	(626)	(1)	-	0	(624)
395	Electric Transmission	Miranda	A.0001477.001	Deaf Smith #26, W51 Tap, Line	(678)	(2)	-	54	(731)
396	Electric Transmission	Miranda	A.0000401.066	Floyd Co Y77/Z36 Relay Rplcmnts	(720)	360	135	(1,108)	(108)
397	Electric Transmission	Miranda	A.0001214.001	Malaga Bend 115 1247kV Substation T	(731)	-	-	(636)	(95)
398	Electric Transmission	Miranda	A.0001439.003	V40 H Bill, Line	(938)	(3)	399	(294)	(1,040)
399	Electric Transmission	Miranda	A.0001214.002	Loving South Malaga Bend Terminal	(1,254)	-	(1,116)	(16)	(122)
400	Electric Transmission	Miranda	A.0001766.001	V49 Line OXY Mobile Connect TOIF	(1,357)	20,965	-	41	(22,363)
401	Electric Transmission	Miranda	A.0000220.037	Cox Int Differential Upgrades	(1,389)	19	68	-	(1,476)
402	Electric Transmission	Miranda	A.0000710.015	Potter Physical Security INFR TX	(1,437)	122	-	(1,914)	355
403	Electric Transmission	Miranda	A.0000153.011	Z08 Switch Replacements	(1,529)	(3)	-	(210)	(1,316)
404	Electric Transmission	Miranda	A.0001189.003	OPIE PhantomU28reterm Phan to Red B	(1,728)	1	-	-	(1,730)
405	Electric Transmission	Miranda	A.0000499.072	K53 Line ELR	(2,163)	(9)	-	(0)	(2,154)
406	Electric Transmission	Miranda	A.0001401.001	T71 Structure Relocations	(2,291)	(8)	-	-	(2,283)
407	Electric Transmission	Miranda	A.0000916.004	Deaf Smith 230kV Breaker ADD S	(2,515)	0	(2,310)	-	(205)

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408	Electric Transmission	Miranda	A.0000673.030	Yoakum 345kV Sub Reactor/Hobbs	(2,634)	1,038	231	(3,552)	(350)
409	Electric Transmission	Miranda	A.0000424.243	Medanos Sub Tam	(2,735)	-	-	(2,777)	43
410	Electric Transmission	Miranda	A.0000481.012	New 230/115kV Transformer	(3,925)	-	(3,470)	-	(454)
411	Electric Transmission	Miranda	A.0001295.002	Sundown 115kV Capacitor Bank	(4,165)	0	-	(3,927)	(238)
412	Electric Transmission	Miranda	A.0001237.002	Wolfforth SSVT addition	(4,294)	(20)	-	(286)	(3,988)
413	Electric Transmission	Miranda	A.0000499.032	K59 Str Rpl	(4,389)	47	-	(21,248)	16,812
414	Electric Transmission	Miranda	A.0001421.003	Spearman Breaker Replacement 1711	(5,060)	(4)	(261)	(202)	(4,593)
415	Electric Transmission	Miranda	A.0002055.001	W77 Canyon East Tap to Arrowhe	(5,137)	(279)	1,299	(0)	(6,158)
416	Electric Transmission	Miranda	A.0000902.001	Hale Co Wind 230kV Terminal at	(5,906)	0	-	(0)	(5,906)
417	Electric Transmission	Miranda	A.0001033.006	Rolling Hills-NW K85 Line	(5,997)	477	19,671	(14,109)	(12,036)
418	Electric Transmission	Miranda	A.0000499.064	T87 Str Rpl	(6,522)	3	7,581	93	(14,199)
419	Electric Transmission	Miranda	A.0000424.111	Eddy Co 345kV 4 Brkr Ring-Kiow	(6,532)	1,868	9,071	(14,839)	(2,631)
420	Electric Transmission	Miranda	A.0001167.087	Hale Co SPE Relay UPGS TX	(8,032)	69	-	(0)	(8,101)
421	Electric Transmission	Miranda	A.0000673.027	TUCO 345kV Sub Reactor/Y Term_	(8,128)	108	(0)	(9,965)	1,730
422	Electric Transmission	Miranda	A.0000290.001	Eddy County Dbl Bus Dbl Brkr 230kV	(9,636)	-	-	(8,604)	(1,032)
423	Electric Transmission	Miranda	A.0000303.075	U04 Str Rpl PPR	(11,767)	1	-	(0)	(11,769)
424	Electric Transmission	Miranda	A.0001163.002	Hunsley U40	(11,903)	(1)	5,474	77	(17,453)
425	Electric Transmission	Miranda	A.0001022.007	V29 Tap	(14,154)	24	(0)	(0)	(14,178)
426	Electric Transmission	Miranda	A.0000494.001	Seminole Xfmr 1	(14,438)	1	-	(14,200)	(238)
427	Electric Transmission	Miranda	A.0000303.046	SPS S&E 345kV Line TX	(14,619)	15,334	1,532	7,849	(39,333)
428	Electric Transmission	Miranda	A.0000424.093	Road Runner Sub 345kV Conv_UID	(17,005)	21	-	-	(17,026)
429	Electric Transmission	Miranda	A.0001005.003	Z18 HACO Tap Rebuild	(20,298)	1,522	37	0	(21,857)
430	Electric Transmission	Miranda	A.0001189.025	Wood Draw U29 Phantom Terminal	(24,879)	14	1,428	20	(26,341)
431	Electric Transmission	Miranda	A.0001214.003	Phantom Malaga Bend Terminal	(26,259)	193	(15,685)	(7,481)	(3,285)
432	Electric Transmission	Miranda	A.0000781.013	Bushland Relay	(26,466)	3	281	(24,760)	(1,991)
433	Electric Transmission	Miranda	A.0001163.011	Hunsley U41	(27,791)	6	401	6	(28,204)
434	Electric Transmission	Miranda	A.0001176.002	TUCO NK80 and NK75 TERM UPGRD	(30,598)	442	8,082	119	(39,241)
435	Electric Transmission	Miranda	A.0000126.005	Artesia Cty Club Line	(33,348)	1	56	(30,904)	(2,501)
436	Electric Transmission	Miranda	A.0000303.074	T99 Str Rpl PPR	(36,354)	(18)	-	-	(36,336)
437	Electric Transmission	Miranda	A.0001776.001	V40 Str 6 Relocate, Line	(38,382)	8,492	4,417	7,085	(58,376)
438	Electric Transmission	Miranda	A.0000469.018	U12 Reconductor	(41,139)	58	-	-	(41,197)
439	Electric Transmission	Miranda	A.0000888.003	Cornell Sub - XTO	(52,446)	-	3,461	48	(55,955)
440	Electric Transmission	Miranda	A.0000795.001	SPS Sub Comm Network Group 1 L	(55,460)	29	-	(0)	(55,490)
441	Electric Transmission	Miranda	A.0000863.014	K10 Fiber, Line	(69,115)	(65)	19,814	272	(89,137)
442	Electric Transmission	Miranda	A.0001189.020	Phantom 115kV Bus	(84,472)	359	(39,198)	(32,324)	(13,309)
443	Electric Transmission	Miranda	A.0001005.002	Y74 Section rebuild	(97,813)	(306)	-	(276)	(97,230)
444	Electric Transmission	Miranda	A.0000640.098	Carlsbad C930 - NTC	(113,769)	694	0	(0)	(114,464)

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445	Electric Transmission	Miranda	A.0001030.008	W11 2 55/59 Circuit DC with U25	(121,104)	33	0	(1,829)	(119,307)
446	Electric Transmission	Miranda	A.0000303.081	T82 Str Rpl PPR	(140,284)	(46,957)	(74,131)	(3,894)	(15,302)
447	Electric Transmission	Miranda	A.0000303.085	T30 Str Rpl PPR	(157,996)	97	-	-	(158,093)
448	Electric Transmission	Miranda	A.0001478.007	Oxy Y79 SW, TOIF	(172,843)	(10)	518	2,380	(175,731)
449	Electric Transmission	Miranda	A.0001176.001	Tuco SVC Sub	(263,208)	2,222	4,875	74	(270,378)
450	Electric Transmission	Miranda	A.0000220.036	PCA Capbank Rplmt NM	(298,783)	4,745	2,934	153	(306,615)
451	Electric Transmission	Miranda	A.0001151.001	Sundown Transformer Upgrade	(369,671)	(5)	(279,526)	(5,334)	(84,806)
452	Electric Transmission	Miranda	A.0001030.005	Mustang Sub - Terminal Upgrade	(380,872)	1,026	(0)	(4,501)	(377,398)
453	Electric Transmission	Miranda	A.0001227.002	NW LCEC 115kV TERM JODW TOIF	(392,929)	-	298	4	(393,231)
454	Electric Transmission	Miranda	A.0001079.001	Inst 115kV Quincy Sw Station TOIF P	(533,856)	-	-	-	(533,856)
455	Electric Transmission	Miranda	A.0000303.070	T42 Str Rpl PPR	(669,043)	(29,844)	(656,394)	(49,204)	66,400
456	Electric Transmission	Miranda	A.0000424.266	OPIE 3 W 39 Rbld PHTM RDBF	(778,569)	(47,488)	(311,560)	(94,520)	(325,002)
457	Electric Transmission	Miranda	A.0001005.001	Hale to Cox V07	(1,468,044)	32,434	24,403	(21,950)	(1,502,931)
458	Electric Transmission	Miranda	A.0000640.029	Hale Co 3744,3903,3911,3915 Brkr Rp	(1,974,637)	(97,508)	(1,358,640)	(322,899)	(195,590)
459	Electric Transmission	Miranda	A.0001383.001	TxDot T 37 Relocate	(3,833,681)	722	9,591	127	(3,844,121)
460	Electric General	Miranda	A.0001459.014	Bowers OT Cyber	76,490	2,984	29,483	14,811	29,212
461	Electric General	Miranda	A.0001459.073	Carlisle OT Cyber	70,472	7,578	36,576	25,668	651
462	Electric General	Miranda	A.0001459.006	Amoco Sw Sta OT Cyber	54,598	3,682	27,273	326	23,318
463	Electric General	Miranda	A.0001459.072	Cargill OT Cyber	52,605	3,060	35,431	13,458	657
464	Electric General	Miranda	A.0001459.069	Canyon West OT Cyber	51,195	3,015	24,925	758	22,496
465	Electric General	Miranda	A.0001459.071	Cardinal OT Cyber	50,589	1,946	35,060	13,208	375
466	Electric General	Miranda	A.0001459.070	Capitan OT Cyber	50,235	2,223	24,515	13,386	10,110
467	Electric General	Miranda	A.0001459.068	Bushland OT Cyber	46,855	2,359	30,490	13,439	567
468	Electric General	Miranda	A.0001459.015	Bru (Oxy) OT Cyber	45,375	1,542	14,071	461	29,301
469	Electric General	Miranda	A.0001459.012	Blanco OT Cyber	42,669	4,294	16,449	206	21,720
470	Electric General	Miranda	A.0001459.007	Amoco Wasson OT Cyber	25,714	2,399	23,067	280	(31)
471	Electric General	Miranda	A.0001459.009	Atoka OT Cyber	20,979	158	20,585	241	(6)
472	Electric General	Miranda	A.0001459.008	Andrews OT Cyber	19,566	39	19,249	280	(2)
473	Electric General	Miranda	A.0001459.011	Blackhawk OT Cyber	11,897	132	11,580	190	(5)
474	Electric General	Miranda	A.0001459.010	Bailey OT Cyber	11,863	580	11,089	179	15
475	Electric General	Miranda	A.0001459.004	Amarillo South OT Cyber	5,335	2,821	2,319	26	169
476	Electric General	Miranda	A.0006056.224	Fleet New Unit El Trans TX	3,910,543	42,798	-	3,861,452	6,293
477	Electric General	Miranda	A.0001118.006	Lock and Key System TX	708,216	-	588,878	27,567	91,772
478	Electric General	Miranda	A.0001167.107	Lamb Co SPE Comm	432,387	43,435	306,859	12,880	69,213
479	Electric General	Miranda	A.0006059.063	SPS Sub Comm Tool Blanket	419,123	-	6,200	957,869	(544,946)
480	Electric General	Miranda	A.0001045.013	Tolk 230kV Sub COMM	359,327	7,144	61,969	671	289,542
481	Electric General	Miranda	A.0001044.009	Tierra Blanca 115kV Sub Comm	338,291	34,502	138,093	1,668	164,028

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482	Electric General	Miranda	A.0001452.006	Matador COMM, RTCA	331,115	19,754	235,946	40,683	34,733
483	Electric General	Miranda	A.0000545.007	Communication Eq	310,032	36,300	35,474	3,821	234,437
484	Electric General	Miranda	A.0001664.009	CROSSROADS, Teleprotection Upgrade	298,227	18,059	190,025	111,005	(20,861)
485	Electric General	Miranda	A.0000863.046	Arrowhead Sub, T75 Fiber, COMM	277,933	8,295	228,528	38,938	2,172
486	Electric General	Miranda	A.0000863.043	Exell Sub, T27 Fiber, COMM	240,210	10,146	167,008	59,193	3,863
487	Electric General	Miranda	A.0000863.024	Carlisle Sub, T71 Fiber COMM	239,454	7,325	178,118	39,680	14,331
488	Electric General	Miranda	A.0000863.018	Moore Co Sub, T25 Fiber COMM	217,713	12,471	126,793	44,775	33,674
489	Electric General	Miranda	A.0000863.063	Dumas 19th St Sub, T27 Fiber COMM	195,681	29,593	115,944	35,353	14,790
490	Electric General	Miranda	A.0001664.010	Eddy County, Teleprotection Upgrade	192,909	15,280	128,376	54,403	(5,149)
491	Electric General	Miranda	A.0000863.010	Canyon East Sub, W77 Fiber COMM	188,400	3,727	16,387	(10,183)	178,468
492	Electric General	Miranda	A.0006056.223	Fleet New Units El Trans NM	187,544	1,716	-	586,271	(400,443)
493	Electric General	Miranda	A.0000710.047	Harrington Phys Sec Tx Comm	182,034	5	175,743	1,891	4,394
494	Electric General	Miranda	A.0000863.045	Fain Sub, T27 Fiber, COMM	181,745	4,022	113,030	62,880	1,813
495	Electric General	Miranda	A.0000863.008	Northwest Sub, W46 Term, Fiber Comm	181,626	5,319	23,783	265	152,259
496	Electric General	Miranda	A.0000710.012	Nichols Physical Security Tx Comm	174,119	5	79,734	835	93,546
497	Electric General	Miranda	A.0000863.016	Frankford Sub, K10 Fiber COMM	172,565	4,170	10,300	(11,328)	169,424
498	Electric General	Miranda	A.0006059.505	SPS Trans Tool Blanket	170,566	7,056	138,013	1,973	23,524
499	Electric General	Miranda	A.0001664.008	TOLK, Teleprotection Upgrade	165,734	13,785	127,507	41,595	(17,152)
500	Electric General	Miranda	A.0000863.066	Yuma Sub, T72 Fiber COMM	148,162	5,536	75,403	50,853	16,370
501	Electric General	Miranda	A.0000863.019	Dumas 19th St Sub, T25 Fiber COMM	147,740	13,484	82,055	12,944	39,258
502	Electric General	Miranda	A.0000863.025	Yuma Sub, T71 Fiber COMM	145,700	4,144	91,908	26,528	23,120
503	Electric General	Miranda	A.0000863.049	Amarillo South Sub, T75 Fiber, COMM	140,012	8,244	114,772	7,306	9,690
504	Electric General	Miranda	A.0001044.029	Hereford Comm	137,946	1,377	45,041	658	90,869
505	Electric General	Miranda	A.0000863.114	Estacado, V44 Fiber COMM	135,406	4,886	97,079	32,567	874
506	Electric General	Miranda	A.0001452.018	OXY ODC COMM, RTCA	131,418	11,493	82,978	32,289	4,659
507	Electric General	Miranda	A.0000863.065	Wolfforth Sub, T72 Fiber COMM	128,941	3,384	100,968	8,685	15,904
508	Electric General	Miranda	A.0001452.010	Intrepid West COMM, RTCA	125,747	18,054	81,708	23,027	2,958
509	Electric General	Miranda	A.0000863.068	Osage Sub, T75 Fiber COMM	123,783	16,735	90,253	8,024	8,771
510	Electric General	Miranda	A.0000863.017	Wolfforth Sub, K10 Fiber COMM	121,527	3,179	4,821	(11,376)	124,903
511	Electric General	Miranda	A.0000863.012	Canyon West Sub, W77 Fiber COMM	112,091	6,454	16,424	(11,250)	100,463
512	Electric General	Miranda	A.0000863.044	Nichols Sub, T27 Fiber, COMM	110,613	6,621	68,784	24,312	10,896
513	Electric General	Miranda	A.0000153.010	Z08 MOD 4744 and 4788 Comm	92,341	2,232	5,179	97	84,833
514	Electric General	Miranda	A.0000863.009	Rolling Hills Sub, W46 Term, Fiber	90,464	3,998	9,507	86	76,873
515	Electric General	Miranda	A.0000863.071	Coulter Sub, V44 Fiber COMM	88,673	10,264	69,941	7,917	550
516	Electric General	Miranda	A.0000863.013	Dawn Sub, W40 Fiber COMM	86,022	3,928	4,986	(11,367)	88,474
517	Electric General	Miranda	A.0000153.020	W24, Sw 1H101, COMM	80,497	15,347	(1,718)	1,778	65,090
518	Electric General	Miranda	A.0000863.072	Owens Corning, V44 Fiber COMM	75,428	3,536	60,515	10,891	486

Southwestern Public Service Company

Transmission Capital Additions by Work Order for the Base Period of July 1, 2021, through June 30, 2022
Plant Additions by Project and Elements of Cost, Rule Reference 17.1.3.16

Line No.	Asset Class	Witness	WBS Level 2	Project Description (WBS Level 2 Description)	Base Period Total	Base Period Labor	Base Period Contract Work	Base Period Supplies and Materials	Base Period Other
519	Electric General	Miranda	A.0000863.118	Hitchland, K75 Fiber COMM	74,653	7,270	43,463	23,421	498
520	Electric General	Miranda	A.0006056.333	Fleet-PHEV-SPS-TX Transmission	66,828	1,764	-	65,065	(1)
521	Electric General	Miranda	A.0000863.113	Deaf Smith U-42/43	65,249	4,798	37,231	22,939	282
522	Electric General	Miranda	A.0001459.075	Carpenter OT Cyber	59,214	2,840	42,322	13,824	228
523	Electric General	Miranda	A.0006059.088	SPS Sys Protect Comm Eng Testing Eq	56,749	-	-	56,440	310
524	Electric General	Miranda	A.0000863.096	Hunsley Sub, U41 Fiber COMM	52,995	5,726	27,348	19,660	260
525	Electric General	Miranda	A.0000888.006	Cornell Sub COMM - XTO	52,446	41	-	-	52,406
526	Electric General	Miranda	A.0001459.074	Carlsbad OT Cyber	52,338	1,382	36,051	14,315	590
527	Electric General	Miranda	A.0006059.434	SPS Training Center Tools	52,324	-	-	174,788	(122,463)
528	Electric General	Miranda	A.0001452.008	Sendero COMM, RTCA	52,031	2,290	48,220	1,122	399
529	Electric General	Miranda	A.0001459.052	Finney OT Cyber	51,985	6,095	31,803	13,745	342
530	Electric General	Miranda	A.0001459.067	Hitchland OT Cyber	50,030	9,640	13,610	26,457	323
531	Electric General	Miranda	A.0001664.002	Amarillo South, Teleprotection Upgr	49,996	1,171	34,430	657	13,738
532	Electric General	Miranda	A.0000863.095	Randall Co, U41 Fiber COMM	47,670	6,964	24,642	15,712	352
533	Electric General	Miranda	A.0006059.436	SPS Ops Engineering Tools	46,737	-	-	46,713	25
534	Electric General	Miranda	A.0001218.020	San Juan Mesa Com Checkpoint FW	44,680	8,280	24,603	11,251	546
535	Electric General	Miranda	A.0006059.432	Tool Blanket TX Line	43,533	-	19,203	43,680	(19,350)
536	Electric General	Miranda	A.0001459.030	Cole OT Cyber	42,578	4,979	24,079	13,303	218
537	Electric General	Miranda	A.0000863.106	Tierra Blanca, U47 Fiber COMM	41,644	3,746	19,140	18,549	208
538	Electric General	Miranda	A.0001664.001	Coulter, Teleprotection Upgrade	40,358	4,462	38,157	981	(3,243)
539	Electric General	Miranda	A.0001664.005	East Plant, Teleprotection Upgrade	38,622	215	32,612	393	5,401
540	Electric General	Miranda	A.0001459.090	Jones OT Cyber	37,037	2,166	21,300	13,532	40
541	Electric General	Miranda	A.0001664.006	Owens Corning, Teleprotection Upgra	29,038	3,653	27,393	1,207	(3,215)
542	Electric General	Miranda	A.0001118.007	Lock and Key System NM	28,198	-	27,611	476	111
543	Electric General	Miranda	A.0001664.007	Osage, Teleprotection Upgrade	27,464	246	24,747	(7,522)	9,994
544	Electric General	Miranda	A.0001459.134	Perryton OT Cyber	26,122	1,252	11,362	13,426	82
545	Electric General	Miranda	A.0000588.025	Industrial RTU Rplmnt	24,651	146	24,250	319	(64)
546	Electric General	Miranda	A.0001063.003	TX Synchronphasors	22,350	-	22,112	239	-
547	Electric General	Miranda	A.0000588.024	Gray County RTU Rplmnt	22,182	1,043	1,846	10	19,284
548	Electric General	Miranda	A.0001189.027	Phantom Sub 345kV COMM	15,542	1,846	-	-	13,696
549	Electric General	Miranda	A.0000401.051	East Plt 2K50 Relay Rplmnt Comm	13,362	(1)	-	0	13,363
550	Electric General	Miranda	A.0001167.112	Higg, T89 Term, COMM	12,519	9	5,733	95	6,683
551	Electric General	Miranda	A.0005014.109	Gen Plt Ofc Furn TX	9,199	-	-	15,551	(6,352)
552	Electric General	Miranda	A.0000401.067	Floyd Co Y77 Z36 Relay Rplmnts Com	9,087	-	10,192	(17)	(1,087)
553	Electric General	Miranda	A.0006059.506	SPS Training Center Equipmen	7,452	-	-	110,869	(103,417)
554	Electric General	Miranda	A.0001167.108	Hockley Co SPE Comm	5,153	(2)	12,954	120	(7,919)
555	Electric General	Miranda	A.0001059.011	Crosby Co COMM	3,216	3	3,172	41	0

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**Transmission Capital Additions by Work Order for the Base Period of July 1, 2021, through June 30, 2022
Plant Additions by Project and Elements of Cost, Rule Reference 17.1.3.16**

Line No.	Asset Class	Witness	WBS Level 2	Project Description (WBS Level 2 Description)	Base Period Total	Base Period Labor	Base Period Contract Work	Base Period Supplies and Materials	Base Period Other
556	Electric General	Miranda	A.0000424.112	Eddy Co 345kV Comms	2,020	-	1,991	28	-
557	Electric General	Miranda	A.0001189.006	OPIE Phantom Sub COMM	1,524	-	1,503	21	-
558	Electric General	Miranda	A.0001061.003	Purnell 115kV Sub	1,018	-	1,008	10	-
559	Electric General	Miranda	A.0001118.009	Lock and Key System OK	962	-	948	13	1
560	Electric General	Miranda	A.0001384.006	XTO BEU Sub, Comm	681	97	575	8	-
561	Electric General	Miranda	A.0000220.039	Cox Int COMM	380	(0)	0	(0)	380
562	Electric General	Miranda	A.0000795.003	SPS Sub Comm Network Group 1 C	310	104	211	1	(6)
563	Electric General	Miranda	A.0001167.109	Wolfforth SPE Comm	243	-	246	3	(6)
564	Electric General	Miranda	A.0001219.042	Amoco-Wasson, K55 COMM	66	-	-	-	66
565	Electric General	Miranda	A.0000795.017	Nichols, EAPL terminal COMM	(108)	-	(108)	-	-
566	Electric General	Miranda	A.0001030.003	Mustang Sub - Comm	(108)	-	(108)	-	-
567	Electric General	Miranda	A.0000556.017	Jones #1 DFR	(4,939)	1	(0)	-	(4,940)
568	Electric General	Miranda	A.0001176.003	Tuco NK80-NK75 Comm	(6,710)	(5)	939	15	(7,658)
569	Electric General	Miranda	A.0000556.018	Plant X 230kV DFR	(27,484)	6	(0)	(0)	(27,490)
570	Electric General	Miranda	A.0001359.002	Castro Term for Orion Comm	(93,784)	-	-	-	(93,784)
571	Electric General	Miranda	A.0001478.004	Oxy Anton Sub, RTCA COMM	(124,265)	2,189	7,647	101	(134,202)
572	Electric Intangible	Miranda	A.0000855.008	SPS Transmission UAV SW	5,570,019	119,489	4,888,328	28,335	533,867
573	Electric Intangible	Miranda	D.0001852.006	SPS Veg Mgmt Data Analytics	234,957	-	231,930	2,351	676
574	Grand Total				\$ 241,215,918	\$ 21,115,342	\$ 77,252,821	\$ 28,971,689	\$ 113,876,066

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Transmission Capital Additions by Project Group for the Base Period of July 1, 2021, through June 30, 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
1	Electric Transmission	Agreement Oxy Hess Amerada Hess	A.0001400.001	Amerada Hess Sub Oxy Cable Work	42,794.19	11,290.05			
2	Electric Transmission	Agreement Oxy Hess Amerada Hess	A.0001400.001	Amerada Hess Sub Oxy Cable Work	85,750.17	22,622.78			
3	Electric Transmission	Agreement Oxy Hess Amerada Hess Total			128,544.36	33,912.83	This project was to upgrade the substation equipment needed to provide additional service to this customer. However, the customer provided all the materials needed for the project and SPS only provided engineering and construction labor. The charges to this capital project will be transferred to the appropriate Operations account and a corresponding credit will be applied to the capital project to zero it out.	SPS Zonal	LI
4	Electric Transmission	Agreement Westmount Ford Development	A.0001401.001	T71 Structure Relocations	-1,001.04	-264.10			
5	Electric Transmission	Agreement Westmount Ford Development	A.0001401.001	T71 Structure Relocations	-1,289.95	-340.32			
6	Electric Transmission	Agreement Westmount Ford Development Total			-2,290.99	-604.41	This project removed overhead guy poles, overhead span guys, and down guys from a structure on transmission line T71 as requested by the customer. The customer will reimburse SPS for 100% of the cost of this project.	Customer Funded	OT
7	Electric Transmission	Amarillo West Upgrade	A.0000781.013	Bushland Relay	-1,141.11	-301.05			
8	Electric Transmission	Amarillo West Upgrade	A.0000781.013	Bushland Relay	-25,325.25	-6,681.36			
9	Electric Transmission	Amarillo West Upgrade Total			-26,466.36	-6,982.41	This project provided for various new infrastructure projects to address reliability and city expansion in the Amarillo area.	SPS Zonal	RE
10	Electric Transmission	Amherst Tap Rebuild	A.0001375.002	Amherst Tap, ROW	36,257.75	9,565.59			
11	Electric Transmission	Amherst Tap Rebuild Total			36,257.75	9,565.59	This project replaced a line switch and approximately 0.2 miles of transmission line on the tap into Amherst Substation from the 69-kV line Y-80. This work replaced a non-functional line switch that was not repairable and replaced a section of line that was a reliability concern because of the age and condition of the facilities and because the lightning protection in this section of line was not adequate.	SPS Zonal	SR
12	Electric Transmission	Artesia Country Club 115kV conversion	A.0000126.005	Artesia Cty Club Line	-22,881.73	-6,036.70			
13	Electric Transmission	Artesia Country Club 115kV conversion	A.0000126.005	Artesia Cty Club Line	-10,466.64	-2,761.33			
14	Electric Transmission	Artesia Country Club 115kV conversion Total			-33,348.37	-8,798.03	This project tapped the W92 line and built approximately three miles of new 115-kV line to the Artesia Country Club Substation. It also converted two SPS distribution substations from 69-kV to 115-kV operation. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
15	Electric Transmission	Breaker Failure Monitoring	A.0001479.006	Finney BFM OR90/OR70	25.55	6.74			
16	Electric Transmission	Breaker Failure Monitoring	A.0001479.006	Finney BFM OR90/OR70	1,100.40	290.31			
17	Electric Transmission	Breaker Failure Monitoring	A.0001479.022	Portales Intg BFM 3H540	123.59	32.61			
18	Electric Transmission	Breaker Failure Monitoring	A.0001479.022	Portales Intg BFM 3H540	615.40	162.36			
19	Electric Transmission	Breaker Failure Monitoring	A.0001479.023	Portales Intg BFM 3H535	94.73	24.99			
20	Electric Transmission	Breaker Failure Monitoring	A.0001479.023	Portales Intg BFM 3H535	471.67	124.44			
21	Electric Transmission	Breaker Failure Monitoring	A.0001479.024	Portales Intg BFM 3H530	88.28	23.29			
22	Electric Transmission	Breaker Failure Monitoring	A.0001479.024	Portales Intg BFM 3H530	439.53	115.96			
23	Electric Transmission	Breaker Failure Monitoring	A.0001479.025	Portales Intg BFM 3H525	593.12	156.48			
24	Electric Transmission	Breaker Failure Monitoring	A.0001479.025	Portales Intg BFM 3H525	2,953.31	779.15			
25	Electric Transmission	Breaker Failure Monitoring	A.0001479.026	Portales Intg BFM 3H520	285.06	75.20			
26	Electric Transmission	Breaker Failure Monitoring	A.0001479.026	Portales Intg BFM 3H520	1,419.14	374.40			

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Transmission Capital Additions by Project Group for the Base Period of July 1, 2021, through June 30, 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
27	Electric Transmission	Breaker Failure Monitoring	A.0001479.027	Portales Intg BFM 3H515	82.15	21.67			
28	Electric Transmission	Breaker Failure Monitoring	A.0001479.027	Portales Intg BFM 3H515	409.05	107.92			
29	Electric Transmission	Breaker Failure Monitoring	A.0001479.028	Portales Intg BFM 3H505	94.32	24.88			
30	Electric Transmission	Breaker Failure Monitoring	A.0001479.028	Portales Intg BFM 3H505	469.61	123.89			
31	Electric Transmission	Breaker Failure Monitoring	A.0001479.029	Portales Intg BFM 3H500	472.38	124.62			
32	Electric Transmission	Breaker Failure Monitoring	A.0001479.029	Portales Intg BFM 3H500	2,352.18	620.56			
33	Electric Transmission	Breaker Failure Monitoring	A.0001479.033	China Draw BFM 4J480	148.07	39.06			
34	Electric Transmission	Breaker Failure Monitoring	A.0001479.033	China Draw BFM 4J480	1,514.43	399.54			
35	Electric Transmission	Breaker Failure Monitoring	A.0001479.034	China Draw BFM 4J485	178.72	47.15			
36	Electric Transmission	Breaker Failure Monitoring	A.0001479.034	China Draw BFM 4J485	1,827.87	482.23			
37	Electric Transmission	Breaker Failure Monitoring	A.0001479.035	China Draw BFM 4J495	171.37	45.21			
38	Electric Transmission	Breaker Failure Monitoring	A.0001479.035	China Draw BFM 4J495	1,752.79	462.42			
39	Electric Transmission	Breaker Failure Monitoring	A.0001479.036	China Draw BFM 4J500	288.48	76.11			
40	Electric Transmission	Breaker Failure Monitoring	A.0001479.036	China Draw BFM 4J500	2,950.52	778.41			
41	Electric Transmission	Breaker Failure Monitoring	A.0001479.037	China Draw BFM 4T815	74.15	19.56			
42	Electric Transmission	Breaker Failure Monitoring	A.0001479.037	China Draw BFM 4T815	749.42	197.71			
43	Electric Transmission	Breaker Failure Monitoring	A.0001479.038	China Draw BFM 4T805	171.66	45.29			
44	Electric Transmission	Breaker Failure Monitoring	A.0001479.038	China Draw BFM 4T805	1,734.98	457.73			
45	Electric Transmission	Breaker Failure Monitoring	A.0001479.039	China Draw BFM 4J600	96.71	25.52			
46	Electric Transmission	Breaker Failure Monitoring	A.0001479.039	China Draw BFM 4J600	989.17	260.96			
47	Electric Transmission	Breaker Failure Monitoring	A.0001479.040	China Draw BFM 4H670	116.39	30.71			
48	Electric Transmission	Breaker Failure Monitoring	A.0001479.040	China Draw BFM 4H670	1,633.03	430.83			
49	Electric Transmission	Breaker Failure Monitoring	A.0001479.041	China Draw BFM 4H675	96.18	25.37			
50	Electric Transmission	Breaker Failure Monitoring	A.0001479.041	China Draw BFM 4H675	983.72	259.53			
51	Electric Transmission	Breaker Failure Monitoring	A.0001479.042	China Draw BFM 4H680	440.38	116.18			
52	Electric Transmission	Breaker Failure Monitoring	A.0001479.042	China Draw BFM 4H680	4,504.07	1,188.27			
53	Electric Transmission	Breaker Failure Monitoring	A.0001479.043	China Draw BFM 4J455	291.97	77.03			
54	Electric Transmission	Breaker Failure Monitoring	A.0001479.043	China Draw BFM 4J455	2,986.23	787.83			
55	Electric Transmission	Breaker Failure Monitoring	A.0001479.044	China Draw BFM 4J460	94.69	24.98			
56	Electric Transmission	Breaker Failure Monitoring	A.0001479.044	China Draw BFM 4J460	968.49	255.51			
57	Electric Transmission	Breaker Failure Monitoring	A.0001479.045	China Draw BFM 4J465	65.18	17.20			
58	Electric Transmission	Breaker Failure Monitoring	A.0001479.045	China Draw BFM 4J465	666.65	175.88			
59	Electric Transmission	Breaker Failure Monitoring	A.0001479.046	China Draw BFM 4J470	175.25	46.23			
60	Electric Transmission	Breaker Failure Monitoring	A.0001479.046	China Draw BFM 4J470	1,792.37	472.87			
61	Electric Transmission	Breaker Failure Monitoring	A.0001479.047	China Draw BFM 4J475	98.60	26.01			
62	Electric Transmission	Breaker Failure Monitoring	A.0001479.047	China Draw BFM 4J475	1,008.41	266.04			
63	Electric Transmission	Breaker Failure Monitoring	A.0001479.048	China Draw BFM 4J515	173.37	45.74			
64	Electric Transmission	Breaker Failure Monitoring	A.0001479.048	China Draw BFM 4J515	1,773.20	467.81			
65	Electric Transmission	Breaker Failure Monitoring	A.0001479.049	China Draw BFM 4J510	304.27	80.27			
66	Electric Transmission	Breaker Failure Monitoring	A.0001479.049	China Draw BFM 4J510	3,112.05	821.03			
67	Electric Transmission	Breaker Failure Monitoring	A.0001479.050	China Draw BFM 4J505	182.80	48.23			
68	Electric Transmission	Breaker Failure Monitoring	A.0001479.050	China Draw BFM 4J505	1,869.61	493.24			
69	Electric Transmission	Breaker Failure Monitoring	A.0001479.051	Portales Intg BFM 3H510	125.97	33.23			
70	Electric Transmission	Breaker Failure Monitoring	A.0001479.051	Portales Intg BFM 3H510	627.20	165.47			
71	Electric Transmission	Breaker Failure Monitoring	A.0001479.052	Roadrunner BFM 4H955	71.12	18.76			
72	Electric Transmission	Breaker Failure Monitoring	A.0001479.052	Roadrunner BFM 4H955	694.54	183.24			
73	Electric Transmission	Breaker Failure Monitoring	A.0001479.053	Roadrunner BFM 4H950	154.72	40.82			
74	Electric Transmission	Breaker Failure Monitoring	A.0001479.053	Roadrunner BFM 4H950	1,518.80	400.69			
75	Electric Transmission	Breaker Failure Monitoring	A.0001479.054	Roadrunner BFM 4H945	56.63	14.94			
76	Electric Transmission	Breaker Failure Monitoring	A.0001479.054	Roadrunner BFM 4H945	553.08	145.91			
77	Electric Transmission	Breaker Failure Monitoring	A.0001479.055	Roadrunner BFM 4H930	87.19	23.00			
78	Electric Transmission	Breaker Failure Monitoring	A.0001479.055	Roadrunner BFM 4H930	851.53	224.65			
79	Electric Transmission	Breaker Failure Monitoring	A.0001479.056	Roadrunner BFM 4H925	199.05	52.51			
80	Electric Transmission	Breaker Failure Monitoring	A.0001479.056	Roadrunner BFM 4H925	1,953.92	515.49			
81	Electric Transmission	Breaker Failure Monitoring	A.0001479.057	Roadrunner BFM 4H920	153.08	40.39			
82	Electric Transmission	Breaker Failure Monitoring	A.0001479.057	Roadrunner BFM 4H920	1,502.72	396.45			
83	Electric Transmission	Breaker Failure Monitoring	A.0001479.058	Roadrunner BFM 4H915	155.78	41.10			

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Transmission Capital Additions by Project Group for the Base Period of July 1, 2021, through June 30, 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
84	Electric Transmission	Breaker Failure Monitoring	A.0001479.058	Roadrunner BFM 4H915	1,529.39	403.49			
85	Electric Transmission	Breaker Failure Monitoring	A.0001479.059	Roadrunner BFM 4H910	328.65	86.71			
86	Electric Transmission	Breaker Failure Monitoring	A.0001479.059	Roadrunner BFM 4H910	3,224.63	850.73			
87	Electric Transmission	Breaker Failure Monitoring	A.0001479.060	Roadrunner BFM 4H905	154.07	40.65			
88	Electric Transmission	Breaker Failure Monitoring	A.0001479.060	Roadrunner BFM 4H905	1,512.41	399.01			
89	Electric Transmission	Breaker Failure Monitoring	A.0001479.061	Roadrunner BFM 4H995	1,144.16	301.86			
90	Electric Transmission	Breaker Failure Monitoring	A.0001479.061	Roadrunner BFM 4H995	11,180.30	2,949.61			
91	Electric Transmission	Breaker Failure Monitoring	A.0001479.062	Roadrunner BFM 4H900	52.81	13.93			
92	Electric Transmission	Breaker Failure Monitoring	A.0001479.062	Roadrunner BFM 4H900	518.39	136.76			
93	Electric Transmission	Breaker Failure Monitoring	A.0001479.063	China Draw BFM 4J595	58.54	15.44			
94	Electric Transmission	Breaker Failure Monitoring	A.0001479.063	China Draw BFM 4J595	598.72	157.96			
95	Electric Transmission	Breaker Failure Monitoring	A.0001479.064	China Draw BFM 4J520	140.28	37.01			
96	Electric Transmission	Breaker Failure Monitoring	A.0001479.064	China Draw BFM 4J520	1,434.71	378.51			
97	Electric Transmission	Breaker Failure Monitoring	A.0001479.065	Roadrunner BFM 4H990	252.49	66.61			
98	Electric Transmission	Breaker Failure Monitoring	A.0001479.065	Roadrunner BFM 4H990	2,478.58	653.90			
99	Electric Transmission	Breaker Failure Monitoring	A.0001479.066	Roadrunner BFM 4H985	216.65	57.16			
100	Electric Transmission	Breaker Failure Monitoring	A.0001479.066	Roadrunner BFM 4H985	2,126.70	561.07			
101	Electric Transmission	Breaker Failure Monitoring	A.0001479.067	Roadrunner BFM 4H980	180.15	47.53			
102	Electric Transmission	Breaker Failure Monitoring	A.0001479.067	Roadrunner BFM 4H980	1,768.45	466.56			
103	Electric Transmission	Breaker Failure Monitoring	A.0001479.068	Roadrunner BFM 4H975	124.09	32.74			
104	Electric Transmission	Breaker Failure Monitoring	A.0001479.068	Roadrunner BFM 4H975	1,218.06	321.35			
105	Electric Transmission	Breaker Failure Monitoring	A.0001479.069	Roadrunner BFM 4H970	115.92	30.58			
106	Electric Transmission	Breaker Failure Monitoring	A.0001479.069	Roadrunner BFM 4H970	1,132.08	298.67			
107	Electric Transmission	Breaker Failure Monitoring	A.0001479.070	Roadrunner BFM 4H965	525.76	138.71			
108	Electric Transmission	Breaker Failure Monitoring	A.0001479.070	Roadrunner BFM 4H965	5,161.00	1,361.59			
109	Electric Transmission	Breaker Failure Monitoring	A.0001479.071	Roadrunner BFM 4H960	216.71	57.17			
110	Electric Transmission	Breaker Failure Monitoring	A.0001479.071	Roadrunner BFM 4H960	2,116.36	558.34			
111	Electric Transmission	Breaker Failure Monitoring	A.0001479.073	Roadrunner BFM 4H940	56.76	14.97			
112	Electric Transmission	Breaker Failure Monitoring	A.0001479.073	Roadrunner BFM 4H940	557.15	146.99			
113	Electric Transmission	Breaker Failure Monitoring	A.0001479.074	Roadrunner BFM 4W415	98.91	26.09			
114	Electric Transmission	Breaker Failure Monitoring	A.0001479.074	Roadrunner BFM 4W415	971.65	256.34			
115	Electric Transmission	Breaker Failure Monitoring	A.0001479.075	Roadrunner BFM 4W420	137.56	36.29			
116	Electric Transmission	Breaker Failure Monitoring	A.0001479.075	Roadrunner BFM 4W420	1,351.15	356.46			
117	Electric Transmission	Breaker Failure Monitoring Total			99,463.29	26,240.60	This project installed equipment to automate the monitoring and testing of circuit breaker condition. This project more fully uses the capabilities of the existing relays to automate existing processes, thereby saving time and money.	SPS Zonal	OT
118	Electric Transmission	Burgamy Park Reloc Strs. 806 Land Dev	A.0001776.001	V40 Str 6 Relocate, Line	-36,391.88	-9,600.98			
119	Electric Transmission	Burgamy Park Reloc Strs. 806 Land Dev	A.0001776.001	V40 Str 6 Relocate, Line	-1,990.46	-525.13			
120	Electric Transmission	Burgamy Park Reloc Strs. 806 Land Dev	A.0001776.002	T71 Str 6 Relocate, Line	13,202.33	3,483.07			
121	Electric Transmission	Burgamy Park Reloc Strs. 806 Land Dev	A.0001776.002	T71 Str 6 Relocate, Line	20,822.01	5,493.30			
122	Electric Transmission	Burgamy Park Reloc Strs. 806 Land Dev	A.0001776.003	Y50 Str 6 Relocate, Line	3,135.44	827.20			
123	Electric Transmission	Burgamy Park Reloc Strs. 806 Land Dev	A.0001776.003	Y50 Str 6 Relocate, Line	345.96	91.27			
124	Electric Transmission	Burgamy Park Reloc Strs. 806 Land Dev Total			-876.60	-231.27	This project constructed new overhead transmission line structures to move three existing transmission lines for a new roadway being constructed into a residential subdivision. The customer will reimburse SPS 100% of the cost of this work.	Customer Funded	OT
125	Electric Transmission	Callahan Substation	A.0001362.008	Callahan Y77 Tap Line	37,179.76	9,808.84			
126	Electric Transmission	Callahan Substation	A.0001362.008	Callahan Y77 Tap Line	18,929.73	4,994.08			
127	Electric Transmission	Callahan Substation	A.0001362.009	T81 Callahan, Line	399,284.00	105,339.90			
128	Electric Transmission	Callahan Substation	A.0001362.009	T81 Callahan, Line	64,880.65	17,116.94			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
129	Electric Transmission	Callahan Substation Total			520,274.14	137,259.76	This project installed the transmission line tap from the existing 115-kV transmission line T-81 and the transmission substation components needed to provide service to the new Callahan distribution substation located east of Plainview, Texas. SPS Distribution requested a transmission delivery point to this new substation.	SPS Zonal/Customer Funded	LI
130	Electric Transmission	Carlisle Cap Bank Rplmt	A.0001243.001	Carlisle Cap Bank Rplmt	1,614.13	425.84			
131	Electric Transmission	Carlisle Cap Bank Rplmt	A.0001243.001	Carlisle Cap Bank Rplmt	19,531.82	5,152.92			
132	Electric Transmission	Carlisle Cap Bank Rplmt Total			21,145.95	5,578.77	This project replaced the 115-kV capacitor bank at Carlisle Interchange that was at the end of its useful life. The protection scheme on this capacitor bank is no longer supported by the manufacturer and parts are no longer available. The capacitor bank itself was also at the end of its useful life.	SPS Zonal	SR
133	Electric Transmission	Carlisle to Wolfforth	A.0000511.026	K39 LPL Line Reterm at Carlisle	64,131.90	16,919.41			
134	Electric Transmission	Carlisle to Wolfforth	A.0000511.026	K39 LPL Line Reterm at Carlisle	9,329.42	2,461.31			
135	Electric Transmission	Carlisle to Wolfforth Total			73,461.32	19,380.71	This project constructed a new 230-kV line between the Carlisle and Wolfforth substations and substation line terminals to accommodate the new transmission line. This project was needed for reliability and load growth in the surrounding area. SPP issued SPS an NTC for the project.	SPP Base Plan	RE
136	Electric Transmission	Caveman DCP Sub	A.0001414.009	Caveman T62, Line	769,078.09	202,899.72			
137	Electric Transmission	Caveman DCP Sub	A.0001414.009	Caveman T62, Line	294,287.05	77,639.40			
138	Electric Transmission	Caveman DCP Sub Total			1,063,365.14	280,539.12	This project installed a 1.5 mile transmission line tap from the existing 115-kV transmission line T-62 and the transmission substation components needed to provide service to the new Caveman distribution substation located in northwest Carlsbad, New Mexico. SPS Distribution requested a transmission delivery point to this new substation.	SPS Zonal/Customer Funded	LI
139	Electric Transmission	Center Port DCP Sub	A.0001434.005	V03 Center Port, Line	63,964.78	16,875.32			
140	Electric Transmission	Center Port DCP Sub	A.0001434.005	V03 Center Port, Line	791,361.67	208,778.62			
141	Electric Transmission	Center Port DCP Sub	A.0001434.005	V03 Center Port, Line	382,488.42	100,908.86			
142	Electric Transmission	Center Port DCP Sub	A.0001434.007	East Plant, V03 Relay Upgrade	4,027.52	1,062.55			
143	Electric Transmission	Center Port DCP Sub	A.0001434.007	East Plant, V03 Relay Upgrade	301,638.12	79,578.77			
144	Electric Transmission	Center Port DCP Sub	A.0001434.008	Nichols, V03 Relay Upgrade	7,356.79	1,940.88			
145	Electric Transmission	Center Port DCP Sub	A.0001434.008	Nichols, V03 Relay Upgrade	322,293.18	85,028.03			
146	Electric Transmission	Center Port DCP Sub Total			1,873,130.48	494,173.03	This project installed the transmission line tap from the existing 115-kV transmission line V-03 and the transmission substation components needed to provide service to the new CenterPort distribution substation located in Amarillo, Texas. SPS Distribution requested a transmission delivery point to this new substation.	SPS Zonal	LI
147	Electric Transmission	Cochran Plains Line Ratings	A.0001183.002	Less Terminal Upgrade Sub	3.06	0.81			
148	Electric Transmission	Cochran Plains Line Ratings	A.0001183.002	Less Terminal Upgrade Sub	63.24	16.68			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
149	Electric Transmission	Cochran Plains Line Ratings Total			66.30	17.49	This project increased the line and substation terminal ratings of the 115-kV lines U-19 and U-20 between Cochran Co. Interchange and Lea County Plains Switching Station. This project was needed to provide the capacity to accommodate the new 350 MW Wildcat Ranch wind farm generation connected at Lost Draw Switching Station.	Customer Funded	GI
150	Electric Transmission	Crossroads 345kV Breaker Addition	A.0001451.001	Crossroads 345kV Brkr Add	2,364.50	623.81			
151	Electric Transmission	Crossroads 345kV Breaker Addition	A.0001451.001	Crossroads 345kV Brkr Add	2,304,598.77	608,003.86			
152	Electric Transmission	Crossroads 345kV Breaker Addition Total			2,306,963.27	608,627.67	This project installed two new 345-kV breakers in series with the line reactors for transmission lines J-14 (Eddy County – Crossroads) and J-15 (Tolk-Crossroads). Installation of the two new breakers allows SPS Transmission Operations the ability to switch these line reactors off and on as needed, providing greater flexibility to control voltage conditions under normal and contingency conditions. This change allows SPS Transmission Operations to use both the capacitors and reactors to control voltages in the region. Before this project was completed, the line(s) had to be de-energized before the reactor(s) at Crossroads Substation could be de-energized.	SPS Zonal	RE
153	Electric Transmission	CVA Mitigation	A.0000286.023	Tolk Reactors	21,883.96	5,773.47			
154	Electric Transmission	CVA Mitigation	A.0000286.023	Tolk Reactors	269,933.29	71,214.34			
155	Electric Transmission	CVA Mitigation Total			291,817.25	76,987.81	This project replaced various pieces of equipment that were identified by the Common Vulnerability Assessment (CVA) program. The CVA program identifies specific pieces of equipment that have a history of failing across all of the Xcel Energy transmission systems and works to proactively replace the remaining pieces of equipment still in service before they fail.	SPS Zonal	SR
156	Electric Transmission	DCP - White Deer Sub	A.0001022.007	V29 Tap	-11,849.97	-3,126.28			
157	Electric Transmission	DCP - White Deer Sub	A.0001022.007	V29 Tap	-2,303.82	-607.80			
158	Electric Transmission	DCP - White Deer Sub	A.0001022.008	White Deer Sub Highside	-0.20	-0.05			
159	Electric Transmission	DCP - White Deer Sub	A.0001022.008	White Deer Sub Highside	-2.56	-0.67			
160	Electric Transmission	DCP - White Deer Sub Total			-14,156.55	-3,734.81	This project installed a tap line on V-29 and installed a new distribution substation called White Deer. The new substation was needed to serve increasing distribution loads in the area.	SPS Zonal	LI
161	Electric Transmission	Deaf Smith #26 W51 Tap	A.0001477.001	Deaf Smith #26, W51 Tap, Line	-606.42	-159.99			
162	Electric Transmission	Deaf Smith #26 W51 Tap	A.0001477.001	Deaf Smith #26, W51 Tap, Line	-71.76	-18.93			
163	Electric Transmission	Deaf Smith #26 W51 Tap	A.0001477.002	DS #26, W51 SW, TOIF	82,666.88	21,809.34			
164	Electric Transmission	Deaf Smith #26 W51 Tap	A.0001477.002	DS #26, W51 SW, TOIF	9,779.30	2,580.00			
165	Electric Transmission	Deaf Smith #26 W51 Tap	A.0001477.007	Castro Co Relay Upgr, W51 Term	68.13	17.98			
166	Electric Transmission	Deaf Smith #26 W51 Tap	A.0001477.007	Castro Co Relay Upgr, W51 Term	432.92	114.21			
167	Electric Transmission	Deaf Smith #26 W51 Tap	A.0001477.008	Newhart Relay Upgrd, W51 Term	0.01	0.00			
168	Electric Transmission	Deaf Smith #26 W51 Tap	A.0001477.008	Newhart Relay Upgrd, W51 Term	0.18	0.05			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
169	Electric Transmission	Deaf Smith #26 W51 Tap Total			92,269.24	24,342.66	This project installed a new 115-kV tap and service point on SPS transmission line W-51 to provide service to Deaf Smith REC's #26 substation. This project was required to provide service to a new substation to serve new customer load. The customer paid for a portion of this project.	SPS Zonal/Customer Funded	LI
170	Electric Transmission	Deaf Smith 230kV Breaker Add	A.0000916.004	Deaf Smith 230kV Breaker ADD S	-205.64	-54.25			
171	Electric Transmission	Deaf Smith 230kV Breaker Add	A.0000916.004	Deaf Smith 230kV Breaker ADD S	-2,309.67	-609.34			
172	Electric Transmission	Deaf Smith 230kV Breaker Add Total			-2,515.31	-663.59	This project created a ring bus on the 230-kV side of the Deaf Smith Substation to address reliability compliance requirements under current NERC standards.	SPS Zonal	RE
173	Electric Transmission	Denver City Bkr Replacements	A.0001291.002	Denver City Bkr Rplc W950	1,456.50	384.26			
174	Electric Transmission	Denver City Bkr Replacements	A.0001291.002	Denver City Bkr Rplc W950	77,615.95	20,476.80			
175	Electric Transmission	Denver City Bkr Replacements	A.0001291.003	Denver City Bkr Rplc W975	1,055.57	278.48			
176	Electric Transmission	Denver City Bkr Replacements	A.0001291.003	Denver City Bkr Rplc W975	56,292.21	14,851.12			
177	Electric Transmission	Denver City Bkr Replacements Total			136,420.23	35,990.66	This project replaced three existing 115-kV breakers at Denver City Interchange to increase their fault current interrupting capability to a value above the available fault current on the 115-kV bus. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
178	Electric Transmission	Eddy County Dbl Bus Dbl Brkr 230kV	A.0000290.001	Eddy County Dbl Bus Dbl Brkr 230kV	-2,720.51	-717.73			
179	Electric Transmission	Eddy County Dbl Bus Dbl Brkr 230kV	A.0000290.001	Eddy County Dbl Bus Dbl Brkr 230kV	-6,915.55	-1,824.47			
180	Electric Transmission	Eddy County Dbl Bus Dbl Brkr 230kV Total			-9,636.06	-2,542.20	This project reconfigured the existing Eddy County Interchange 230-kV bus from a main and transfer bus design to a double bus-double breaker arrangement. This project was required to meet long-term firm transmission service requests in the SPP Aggregate Facility Study SPP-2013-AG3-AFS-6. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
181	Electric Transmission	ELR - Breakers - SPS	A.0000640.029	Hale Co 3744.3903.3911.3915 Brkr Rp	-40,064.55	-10,569.91			
182	Electric Transmission	ELR - Breakers - SPS	A.0000640.029	Hale Co 3744.3903.3911.3915 Brkr Rp	-1,934,572.44	-510,382.77			
183	Electric Transmission	ELR - Breakers - SPS	A.0000640.041	Coulter Sub Rplc Brkr 2964	13,120.05	3,461.36			
184	Electric Transmission	ELR - Breakers - SPS	A.0000640.041	Coulter Sub Rplc Brkr 2964	585,564.11	154,484.70			
185	Electric Transmission	ELR - Breakers - SPS	A.0000640.042	Eddy Co Siemens SVC HMI 4K75 Breake	-102.56	-27.06			
186	Electric Transmission	ELR - Breakers - SPS	A.0000640.042	Eddy Co Siemens SVC HMI 4K75 Breake	-260.71	-68.78			
187	Electric Transmission	ELR - Breakers - SPS	A.0000640.045	Hereford Int 2820/2821 Bkr	20,374.99	5,375.37			
188	Electric Transmission	ELR - Breakers - SPS	A.0000640.045	Hereford Int 2820/2821 Bkr	1,173,825.91	309,681.10			
189	Electric Transmission	ELR - Breakers - SPS	A.0000640.050	Cochran Co, Rplc Brkr 7840	3,606.72	951.53			
190	Electric Transmission	ELR - Breakers - SPS	A.0000640.050	Cochran Co, Rplc Brkr 7840	465,446.25	122,794.96			
191	Electric Transmission	ELR - Breakers - SPS	A.0000640.051	Denver City, Rplc Brkr W700	12,962.17	3,419.70			
192	Electric Transmission	ELR - Breakers - SPS	A.0000640.051	Denver City, Rplc Brkr W700	706,091.00	186,282.34			
193	Electric Transmission	ELR - Breakers - SPS	A.0000640.052	Denver City, Rplc Brkr W740	9,540.09	2,516.89			
194	Electric Transmission	ELR - Breakers - SPS	A.0000640.052	Denver City, Rplc Brkr W740	539,282.15	142,274.50			
195	Electric Transmission	ELR - Breakers - SPS	A.0000640.053	Denver City, Rplc Brkr W750	8,667.55	2,286.69			
196	Electric Transmission	ELR - Breakers - SPS	A.0000640.053	Denver City, Rplc Brkr W750	508,443.10	134,138.48			
197	Electric Transmission	ELR - Breakers - SPS	A.0000640.060	Carlisle, Rplc Brkr 6935	37,686.03	9,942.40			
198	Electric Transmission	ELR - Breakers - SPS	A.0000640.060	Carlisle, Rplc Brkr 6935	491,641.00	129,705.71			
199	Electric Transmission	ELR - Breakers - SPS	A.0000640.062	Carlisle, Rplc Brkr 6890	0.01	0.00			
200	Electric Transmission	ELR - Breakers - SPS	A.0000640.062	Carlisle, Rplc Brkr 6890	0.06	0.02			
201	Electric Transmission	ELR - Breakers - SPS	A.0000640.063	Carlisle, Rplc Brkr 6920	43,365.77	11,440.84			
202	Electric Transmission	ELR - Breakers - SPS	A.0000640.063	Carlisle, Rplc Brkr 6920	549,784.43	145,045.23			

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Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
203	Electric Transmission	ELR - Breakers - SPS	A.0000640.066	Cochran Co, Rplc Brkr 7845	4,067.71	1,073.15			
204	Electric Transmission	ELR - Breakers - SPS	A.0000640.066	Cochran Co, Rplc Brkr 7845	497,763.60	131,320.99			
205	Electric Transmission	ELR - Breakers - SPS	A.0000640.067	Happy, Rplc Brkr 3765	1,068.61	281.92			
206	Electric Transmission	ELR - Breakers - SPS	A.0000640.067	Happy, Rplc Brkr 3765	32,509.11	8,576.62			
207	Electric Transmission	ELR - Breakers - SPS	A.0000640.098	Carlsbad C930 - NTC	-1,831.61	-483.22			
208	Electric Transmission	ELR - Breakers - SPS	A.0000640.098	Carlsbad C930 - NTC	-111,937.62	-29,531.61			
209	Electric Transmission	ELR - Breakers - SPS	A.0000640.099	Hale Co Breaker 3903 3911 3915 NTC	54,136.83	14,282.49			
210	Electric Transmission	ELR - Breakers - SPS	A.0000640.099	Hale Co Breaker 3903 3911 3915 NTC	2,648,791.90	698,809.58			
211	Electric Transmission	ELR - Breakers - SPS	A.0000640.105	Tuco, Rplc Brkr NR05	27,067.43	7,140.98			
212	Electric Transmission	ELR - Breakers - SPS	A.0000640.105	Tuco, Rplc Brkr NR05	766,054.68	202,102.08			
213	Electric Transmission	ELR - Breakers - SPS	A.0000640.106	Roosevelt, Rplc Brkr 4K25	33,371.93	8,804.25			
214	Electric Transmission	ELR - Breakers - SPS	A.0000640.106	Roosevelt, Rplc Brkr 4K25	222,966.10	58,823.36			
215	Electric Transmission	ELR - Breakers - SPS	A.0000640.123	Harrington FK40, Brkr Replc	61,875.80	16,324.20			
216	Electric Transmission	ELR - Breakers - SPS	A.0000640.123	Harrington FK40, Brkr Replc	537,096.07	141,697.76			
217	Electric Transmission	ELR - Breakers - SPS Total			7,967,401.67	2,101,975.85	The term "ELR" stands for End of Life Replacement. This project replaced circuit breakers that had reached the end of their useful life. This work was done at multiple substations as part of a multi-year program to replace breakers that are obsolete, for which parts are no longer available and require significant operations and maintenance spend to keep them in service.	SPS Zonal	SR
218	Electric Transmission	ELR - Relay - SPS	A.0000401.050	East Plant 2K50 Relay Replacement	3.19	0.84			
219	Electric Transmission	ELR - Relay - SPS	A.0000401.050	East Plant 2K50 Relay Replacement	223.70	59.02			
220	Electric Transmission	ELR - Relay - SPS	A.0000401.064	Yoakum Relay Upgrade V99 Term	810.78	213.90			
221	Electric Transmission	ELR - Relay - SPS	A.0000401.064	Yoakum Relay Upgrade V99 Term	4,433.70	1,169.71			
222	Electric Transmission	ELR - Relay - SPS	A.0000401.065	Plains Relay Upgrade V99 Term	17.89	4.72			
223	Electric Transmission	ELR - Relay - SPS	A.0000401.065	Plains Relay Upgrade V99 Term	369.58	97.50			
224	Electric Transmission	ELR - Relay - SPS	A.0000401.066	Floyd Co Y77/Z36 Relay Rplcmnts	-25.10	-6.62			
225	Electric Transmission	ELR - Relay - SPS	A.0000401.066	Floyd Co Y77/Z36 Relay Rplcmnts	-695.30	-183.44			
226	Electric Transmission	ELR - Relay - SPS	A.0000401.077	Hale Z63-8740 Relay Upgrd	4,025.47	1,062.01			
227	Electric Transmission	ELR - Relay - SPS	A.0000401.077	Hale Z63-8740 Relay Upgrd	219,737.81	57,971.67			
228	Electric Transmission	ELR - Relay - SPS	A.0000401.078	Hale Z18-8736 Relay Upgrd	4,697.52	1,239.31			
229	Electric Transmission	ELR - Relay - SPS	A.0000401.078	Hale Z18-8736 Relay Upgrd	256,439.36	67,654.34			
230	Electric Transmission	ELR - Relay - SPS	A.0000401.079	Crosby Y84-7805 Relay Upgrd	4,057.47	1,070.45			
231	Electric Transmission	ELR - Relay - SPS	A.0000401.079	Crosby Y84-7805 Relay Upgrd	235,323.75	62,083.58			
232	Electric Transmission	ELR - Relay - SPS	A.0000401.080	Lamb Co, V13 Relay Upgrades	12,414.16	3,275.13			
233	Electric Transmission	ELR - Relay - SPS	A.0000401.080	Lamb Co, V13 Relay Upgrades	618,777.20	163,247.04			
234	Electric Transmission	ELR - Relay - SPS	A.0000401.081	East Plant, V43 Relay Upgrades	7,148.44	1,885.92			
235	Electric Transmission	ELR - Relay - SPS	A.0000401.081	East Plant, V43 Relay Upgrades	514,930.92	135,850.10			
236	Electric Transmission	ELR - Relay - SPS	A.0000401.082	Osage, V43 Relay Upgrades	38,611.95	10,186.68			
237	Electric Transmission	ELR - Relay - SPS	A.0000401.082	Osage, V43 Relay Upgrades	404,103.32	106,611.35			
238	Electric Transmission	ELR - Relay - SPS	A.0000401.085	PCA T23 Relay Upgrd	12,245.81	3,230.71			
239	Electric Transmission	ELR - Relay - SPS	A.0000401.085	PCA T23 Relay Upgrd	492,967.25	130,055.61			
240	Electric Transmission	ELR - Relay - SPS	A.0000401.086	Potash T23 Relay Upgrd	17,436.43	4,600.11			
241	Electric Transmission	ELR - Relay - SPS	A.0000401.086	Potash T23 Relay Upgrd	513,055.35	135,355.29			
242	Electric Transmission	ELR - Relay - SPS	A.0000401.087	Cunningham, SEL 2BFR Rplcmnt	17,827.93	4,703.40			
243	Electric Transmission	ELR - Relay - SPS	A.0000401.087	Cunningham, SEL 2BFR Rplcmnt	509,832.72	134,505.09			
244	Electric Transmission	ELR - Relay - SPS	A.0000401.088	Grassland, SEL 2BFR Rplcmnt	23,884.01	6,301.13			
245	Electric Transmission	ELR - Relay - SPS	A.0000401.088	Grassland, SEL 2BFR Rplcmnt	318,315.11	83,978.53			
246	Electric Transmission	ELR - Relay - SPS	A.0000401.091	Potter Co, SEL 2BFR Rplcmnt	0.16	0.04			
247	Electric Transmission	ELR - Relay - SPS	A.0000401.091	Potter Co, SEL 2BFR Rplcmnt	0.79	0.21			
248	Electric Transmission	ELR - Relay - SPS	A.0000401.092	Sundown, SEL 2BFR Rplcmnt	37,640.02	9,930.27			
249	Electric Transmission	ELR - Relay - SPS	A.0000401.092	Sundown, SEL 2BFR Rplcmnt	415,685.62	109,667.01			
250	Electric Transmission	ELR - Relay - SPS	A.0000401.094	Amarillo South T75 Relay Upgrade	16,061.76	4,237.44			
251	Electric Transmission	ELR - Relay - SPS	A.0000401.094	Amarillo South T75 Relay Upgrade	303,060.76	79,954.10			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
252	Electric Transmission	ELR - Relay - SPS	A.0000401.095	Osage T75 Relay Upgrade	31,823.26	8,395.68			
253	Electric Transmission	ELR - Relay - SPS	A.0000401.095	Osage T75 Relay Upgrade	423,248.09	111,662.16			
254	Electric Transmission	ELR - Relay - SPS	A.0000401.150	Eddy Co DFR	10,143.92	2,676.19			
255	Electric Transmission	ELR - Relay - SPS	A.0000401.150	Eddy Co DFR	26,502.28	6,991.89			
256	Electric Transmission	ELR - Relay - SPS Total			5,495,137.08	1,449,738.06	The term "ELR" stands for End of Life Replacement. This project replaced protective relays that had reached the end of their useful life. This work was done at several substations as part of a multi-year program to replace relays that are obsolete, for which parts are no longer available and require significant operations and maintenance spend to keep them in service.	SPS Zonal	SR
257	Electric Transmission	ELR - Transformers - SPS	A.0000822.006	Roswell 115/69kV XFMR Upgrades	98,733.79	26,048.15			
258	Electric Transmission	ELR - Transformers - SPS	A.0000822.006	Roswell 115/69kV XFMR Upgrades	6,529,177.73	1,722,540.74			
259	Electric Transmission	ELR - Transformers - SPS Total			6,627,911.52	1,748,588.88	The term "ELR" stands for End of Life Replacement. This project replaced transmission substation transformers that had reached the end of their useful life. This work was done at multiple substations as part of a multi-year program to replace transmission transformers that are obsolete, for which parts are no longer available and require significant operations and maintenance spend to keep them in service.	SPS Zonal	SR
260	Electric Transmission	ELR RFL9300 Relays	A.0001219.003	T55 DNV CY ELR RFL9300 SPS TX	56.20	14.83			
261	Electric Transmission	ELR RFL9300 Relays	A.0001219.003	T55 DNV CY ELR RFL9300 SPS TX	3,071.75	810.40			
262	Electric Transmission	ELR RFL9300 Relays	A.0001219.004	K55 MUSTANG ELR RFL9300 SPS TX	120.02	31.66			
263	Electric Transmission	ELR RFL9300 Relays	A.0001219.004	K55 MUSTANG ELR RFL9300 SPS TX	1,344.82	354.79			
264	Electric Transmission	ELR RFL9300 Relays	A.0001219.006	T 55 MUSTANG ELR RFL9300 SPS TX	107.86	28.46			
265	Electric Transmission	ELR RFL9300 Relays	A.0001219.006	T 55 MUSTANG ELR RFL9300 SPS TX	1,208.49	318.83			
266	Electric Transmission	ELR RFL9300 Relays	A.0001219.009	T56 DNV CY ELR RFL9300 SPS TX	25.26	6.66			
267	Electric Transmission	ELR RFL9300 Relays	A.0001219.009	T56 DNV CY ELR RFL9300 SPS TX	1,374.93	362.74			
268	Electric Transmission	ELR RFL9300 Relays	A.0001219.011	T78 MOORE CO ELR RFL9300 SPS TX	12,028.54	3,173.39			
269	Electric Transmission	ELR RFL9300 Relays	A.0001219.011	T78 MOORE CO ELR RFL9300 SPS TX	280,057.45	73,885.32			
270	Electric Transmission	ELR RFL9300 Relays	A.0001219.017	T79 MOORE CO ELR RFL9300 SPS TX	13,374.13	3,528.39			
271	Electric Transmission	ELR RFL9300 Relays	A.0001219.017	T79 MOORE CO ELR RFL9300 SPS TX	304,309.88	80,283.64			
272	Electric Transmission	ELR RFL9300 Relays	A.0001219.037	T56 Mustang 115 ELR RFL 9300 Relays	1,040.78	274.58			
273	Electric Transmission	ELR RFL9300 Relays	A.0001219.037	T56 Mustang 115 ELR RFL 9300 Relays	11,633.68	3,069.22			
274	Electric Transmission	ELR RFL9300 Relays Total			629,753.79	166,142.91	The term "ELR" stands for End of Life Replacement. This project replaced the RFL-9300 relay systems with new SEL-411L line current differential relay systems. The RFL-9300 hardware is obsolete and its electrical components are failing at an increasing rate. The manufacturer no longer supports this relay system and spare parts are not available. The new relay system provides high-speed tripping and faster backup tripping which eliminates the problems associated with long trip times on backup relaying when the RFL-9300 systems fail. This work was done at several transmission substations as part of a multi-year program.	SPS Zonal	SR
275	Electric Transmission	Erosion Sub Mitigation - SPS	A.0001442.001	Grapevine Sub Erosion Mitigation	75,860.53	20,013.68			
276	Electric Transmission	Erosion Sub Mitigation - SPS	A.0001442.001	Grapevine Sub Erosion Mitigation	279,733.61	73,799.88			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
277	Electric Transmission	Erosion Sub Mitigation - SPS Total			355,594.14	93,813.56	This project provided mitigation of the causes of severe water erosion at various substations. These mitigations included replacing portions of the perimeter fence, the ground grid and retaining walls damaged by water erosion and to install runoff diversion solutions to prevent future erosion damage.	SPS Zonal	SR
278	Electric Transmission	FARIA TAP-Rita Blanca COOP	A.0001676.001	FARIA, T47 LINE	699,258.94	184,479.89			
279	Electric Transmission	FARIA TAP-Rita Blanca COOP	A.0001676.001	FARIA, T47 LINE	56,568.91	14,924.12			
280	Electric Transmission	FARIA TAP-Rita Blanca COOP	A.0001676.002	FARIA, T47 Line TOIF	-2,873.38	-758.06			
281	Electric Transmission	FARIA TAP-Rita Blanca COOP	A.0001676.002	FARIA, T47 Line TOIF	2,873.38	758.06			
282	Electric Transmission	FARIA TAP-Rita Blanca COOP Total			755,827.85	199,404.02	This project installed new line switches and a tap on SPS transmission line T-47 to serve a new Rita Blanca Electric Cooperative (RBEC) substation named Faria. SPS paid for the network transmission facilities and RBEC paid for the facilities used exclusively to serve the new Faria substation.	SPS Zonal/Customer Funded	LI
283	Electric Transmission	Finney SSVT	A.0001420.001	Finney SSVT 345kV	2,216.99	584.89			
284	Electric Transmission	Finney SSVT	A.0001420.001	Finney SSVT 345kV	96,590.16	25,482.61			
285	Electric Transmission	Finney SSVT Total			98,807.15	26,067.50	This project installed two Station Service Voltage Transformers (SSVT) at Finney Switching Station. Finney Switching Station currently has no internal station power for the AC and DC voltage uses in the control house. The AC power supply is provided by the local electric utility and backup station power is provided by a local generator, both of which are costly. This project installed two 345-kV 100 kVA power transformers to provide the station power needed at Finney Switching Station.	SPS Zonal	RE
286	Electric Transmission	Four Way Sub	A.0001418.002	Four Way T27 Line	427,273.66	112,724.19			
287	Electric Transmission	Four Way Sub	A.0001418.002	Four Way T27 Line	554,255.09	146,224.69			
288	Electric Transmission	Four Way Sub Total			981,528.75	258,948.88	This project installed the transmission line tap from the existing 115-kV transmission line T-27 and the transmission substation components needed to provide service to the new Four Way distribution substation located south of Dumas, Texas. SPS Distribution requested a transmission delivery point to this new substation.	SPS Zonal	LI
289	Electric Transmission	GEN 2010-14 Novus Wind IV, 358.8 MW	A.0000537.001	Novus Wind IV - Hitchland Sub	2,573.89	679.05			
290	Electric Transmission	GEN 2010-14 Novus Wind IV, 358.8 MW	A.0000537.001	Novus Wind IV - Hitchland Sub	54,773.13	14,450.36			
291	Electric Transmission	GEN 2010-14 Novus Wind IV, 358.8 MW Total			57,347.02	15,129.41	This project added a 345-kV terminal to the 345-kV bus at Hitchland Interchange to provide an interconnection point for the Novus Wind IV wind farm transmission line. The wind farm has a net capacity of 358.8 MW.	Customer Funded	GI
292	Electric Transmission	GEN 2012-020 Hale Co Wind, 478MW	A.0000902.001	Hale Co Wind 230kV Terminal at	-200.37	-52.86			
293	Electric Transmission	GEN 2012-020 Hale Co Wind, 478MW	A.0000902.001	Hale Co Wind 230kV Terminal at	-5,705.90	-1,505.34			
294	Electric Transmission	GEN 2012-020 Hale Co Wind, 478MW Total			-5,906.27	-1,558.20	This project constructed a new 230-kV terminal at TUCO Interchange for the interconnection of the Hale County wind farm.	Customer Funded	GI
295	Electric Transmission	GEN 2014 040 Orion Wind	A.0001359.001	Castro Co Terminal Orion Wind	-32.71	-8.63			
296	Electric Transmission	GEN 2014 040 Orion Wind	A.0001359.001	Castro Co Terminal Orion Wind	-214.40	-56.56			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
297	Electric Transmission	GEN 2014 040 Orion Wind Total			-247.11	-65.19	This project added a new 115-kV terminal for a wind farm interconnection.	Customer Funded	GI
298	Electric Transmission	Gen Upgrade Tolk X Reconductor	A.0000105.005	Tolk Terminal Upgrades	8,098.35	2,136.52			
299	Electric Transmission	Gen Upgrade Tolk X Reconductor	A.0000105.005	Tolk Terminal Upgrades	97,341.86	25,680.92			
300	Electric Transmission	Gen Upgrade Tolk X Reconductor	A.0000105.007	Plant X Terminal Upgrades TX	-1.40	-0.37			
301	Electric Transmission	Gen Upgrade Tolk X Reconductor	A.0000105.007	Plant X Terminal Upgrades TX	-16.79	-4.43			
302	Electric Transmission	Gen Upgrade Tolk X Reconductor Total			105,422.02	27,812.65	This project upgraded the two 230-kV lines K-27 and K-45 and the associated line terminals at Tolk Substation and Plant X Substation. These upgrades were shared network upgrade projects identified in SPP's DISIS 2014-002 study to accommodate new generation being added.	Customer Funded	GI
303	Electric Transmission	GEN-2015-014 Lost Draw Substation	A.0000350.008	Lea County Plains 115kV Sub Term Up	2,550.70	672.93			
304	Electric Transmission	GEN-2015-014 Lost Draw Substation	A.0000350.008	Lea County Plains 115kV Sub Term Up	37,487.73	9,890.09			
305	Electric Transmission	GEN-2015-014 Lost Draw Substation Total			40,038.43	10,563.02	This project constructed the new Lost Draw Switching Station to provide a 115-kV interconnection point for the Wildcat Ranch wind farm.	Customer Funded	GI
306	Electric Transmission	Hale to Cox V07 Rebuild	A.0001005.001	Hale to Cox V07	-1,139,640.35	-300,662.20			
307	Electric Transmission	Hale to Cox V07 Rebuild	A.0001005.001	Hale to Cox V07	-328,403.88	-86,640.17			
308	Electric Transmission	Hale to Cox V07 Rebuild	A.0001005.002	Y74 Section rebuild	-69,787.40	-18,411.45			
309	Electric Transmission	Hale to Cox V07 Rebuild	A.0001005.002	Y74 Section rebuild	-28,025.11	-7,393.64			
310	Electric Transmission	Hale to Cox V07 Rebuild	A.0001005.003	Z18 HACO Tap Rebuild	-15,996.67	-4,220.27			
311	Electric Transmission	Hale to Cox V07 Rebuild	A.0001005.003	Z18 HACO Tap Rebuild	-4,301.33	-1,134.79			
312	Electric Transmission	Hale to Cox V07 Rebuild	A.0001005.004	K01 Structure Raise	9,467.22	2,497.66			
313	Electric Transmission	Hale to Cox V07 Rebuild	A.0001005.004	K01 Structure Raise	2,721.85	718.08			
314	Electric Transmission	Hale to Cox V07 Rebuild	A.0001005.005	V07 Rebuild ROW	40,944.05	10,801.94			
315	Electric Transmission	Hale to Cox V07 Rebuild	A.0001005.006	Z18 ROW	71,798.44	18,942.01			
316	Electric Transmission	Hale to Cox V07 Rebuild Total			-1,461,223.18	-385,502.82	This project reconducted 20 miles of 115-kV transmission line from Hale County Interchange to Cox Substation to achieve a minimum summer emergency rating of 110 MVA per SPP. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
317	Electric Transmission	Hopi DCP Sub Add 2nd XFMR	A.0001430.001	Hopi Sub 2nd XFMR TAM	6,780.28	1,788.79			
318	Electric Transmission	Hopi DCP Sub Add 2nd XFMR	A.0001430.001	Hopi Sub 2nd XFMR TAM	935,852.09	246,898.37			
319	Electric Transmission	Hopi DCP Sub Add 2nd XFMR Total			942,632.37	248,687.16	This project installed the transmission substation components needed to provide service to a second new 115-kV distribution transformer installed in the existing Hopi Substation located in south Carlsbad, New Mexico. SPS Distribution requested a transmission delivery point to this new distribution transformer.	SPS Zonal	LI
320	Electric Transmission	Hunsley Substation	A.0001163.001	Hunsley Highside	1,446.61	381.65			
321	Electric Transmission	Hunsley Substation	A.0001163.002	Hunsley U40	-10,438.02	-2,753.78			
322	Electric Transmission	Hunsley Substation	A.0001163.002	Hunsley U40	-1,464.76	-386.44			
323	Electric Transmission	Hunsley Substation	A.0001163.011	Hunsley U41	-16,694.72	-4,404.44			
324	Electric Transmission	Hunsley Substation	A.0001163.011	Hunsley U41	-11,096.48	-2,927.49			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
325	Electric Transmission	Hunsley Substation Total			-38,247.37	-10,090.50	This project installed the transmission line tap from the existing 115-kV transmission line W-77 and the transmission substation components needed to provide service to the new Hunsley Hills distribution substation located in Canyon, Texas. SPS Distribution requested a transmission delivery point to this new substation.	SPS Zonal	LI
326	Electric Transmission	Ink Basin Substation	A.0000481.001	ink basin substation	3.16	0.83			
327	Electric Transmission	Ink Basin Substation	A.0000481.001	ink basin substation	431.53	113.85			
328	Electric Transmission	Ink Basin Substation	A.0000481.012	New 230/115kV Transformer	-3,924.89	-1,035.47			
329	Electric Transmission	Ink Basin Substation Total			-3,490.20	-920.79	This project constructed a new 230/115-kV, three breaker ring bus interchange in the south-central part of Yoakum County, Texas. Existing transmission circuits 115-kV V80 and 230-kV K93 were routed in to and out of the new interchange. A new 230/115-kV, 250 MVA, transformer provides a new source of power for the 115-kV. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
330	Electric Transmission	Interconnection Matador	A.0001156.001	Int 1 Way 115kV Switch Tap	21,223.36	5,599.19			
331	Electric Transmission	Interconnection Matador	A.0001156.001	Int 1 Way 115kV Switch Tap	9,338.15	2,463.61			
332	Electric Transmission	Interconnection Matador Total			30,561.51	8,062.80	This project provided a 115-kV service point to the Matador natural gas processing plant located near Loving, New Mexico.	SPS Zonal	LI
333	Electric Transmission	Interconnection Milwaukee	A.0001079.001	Inst 115kV Quincy Sw Station TOIF P	-187,367.52	-49,431.67			
334	Electric Transmission	Interconnection Milwaukee	A.0001079.001	Inst 115kV Quincy Sw Station TOIF P	-346,488.00	-91,411.16			
335	Electric Transmission	Interconnection Milwaukee	A.0001079.002	Inst 115kV Quincy Sw Station Xcel P	123.21	32.50			
336	Electric Transmission	Interconnection Milwaukee	A.0001079.002	Inst 115kV Quincy Sw Station Xcel P	227.83	60.11			
337	Electric Transmission	Interconnection Milwaukee	A.0001079.006	Murphy Substation Relay Replacement	0.21	0.06			
338	Electric Transmission	Interconnection Milwaukee	A.0001079.006	Murphy Substation Relay Replacement	69.75	18.40			
339	Electric Transmission	Interconnection Milwaukee Total			-533,434.52	-140,731.76	This project installed the new SPS Quincy Switching Station to provide 115-kV service to South Plains Electric Cooperative to serve new load from their new Milwaukee Substation.	SPS Zonal	LI
340	Electric Transmission	Interconnection OXY ODC Mobile	A.0001766.001	V49 Line OXY Mobile Connect TOIF	-2,063.30	-544.34			
341	Electric Transmission	Interconnection OXY ODC Mobile	A.0001766.001	V49 Line OXY Mobile Connect TOIF	705.83	186.21			
342	Electric Transmission	Interconnection OXY ODC Mobile Total			-1,357.47	-358.13	This project constructed facilities to connect the customer's mobile substation to the SPS transmission line at ODC Substation so that the customer could do needed maintenance on their substation. The customer will reimburse SPS 100% of the cost of this work.	Customer Funded	OT
343	Electric Transmission	Interconnection Tall Cotton Johnson Draw	A.0001227.002	NW LCEC 115kV TERM JODW TOIF	-31,452.82	-8,297.95			
344	Electric Transmission	Interconnection Tall Cotton Johnson Draw	A.0001227.002	NW LCEC 115kV TERM JODW TOIF	-361,475.75	-95,365.25			
345	Electric Transmission	Interconnection Tall Cotton Johnson Draw Total			-392,928.57	-103,663.20	This project installed a new 115-kV breaker and associated equipment at SPS's Johnson Draw Substation to provide service to Lea County Electric Cooperative's (LCEC) new Tall Cotton Substation. LCEC paid for a portion of this project.	SPS Zonal/Customer Funded	LI
346	Electric Transmission	Interconnection WIPP	A.0001106.001	WIPP W38 Structure Relocate	-345.10	-91.04			
347	Electric Transmission	Interconnection WIPP	A.0001106.001	WIPP W38 Structure Relocate	-144.76	-38.19			

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Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
348	Electric Transmission	Interconnection WIPP Total			-489.86	-129.24	This project reconfigured the 115-kV lines coming into the WIPP Substation serving the Waste Isolation Pilot Project (WIPP) facility located east of Carlsbad, New Mexico. The customer paid to reconfigure these lines to allow for an expansion of the WIPP facility.	Customer Funded	OT
349	Electric Transmission	Interconnection XTO BEU	A.0001384.005	XTO BEU Sub, RTCA	342.62	90.39			
350	Electric Transmission	Interconnection XTO BEU Total			342.62	90.39	This project installed two new 115-kV service points for this customer from SPS transmission line W76. This project was required to provide service to new customer load. The customer paid for a portion of this project.	SPS Zonal/Customer Funded	LI
351	Electric Transmission	Interconnection XTO Cornell	A.0000888.002	XTO Tap 3 Way Switch Transmission	37,282.86	9,836.04			
352	Electric Transmission	Interconnection XTO Cornell	A.0000888.002	XTO Tap 3 Way Switch Transmission	14,977.78	3,951.47			
353	Electric Transmission	Interconnection XTO Cornell	A.0000888.002	XTO Tap 3 Way Switch Transmission	2,760.94	728.40			
354	Electric Transmission	Interconnection XTO Cornell	A.0000888.003	Cornell Sub - XTO	-52,446.24	-13,836.47			
355	Electric Transmission	Interconnection XTO Cornell Total			2,575.34	679.43	This project installed a new 115-kV service point for XTO's Cornell Substation from SPS transmission line U14. This project was required to provide service to new customer load and to a generator being installed by the customer. The customer paid for a portion of this project.	SPS Zonal/Customer Funded	GI/LI
356	Electric Transmission	Interconnection XTO Poker Cowboy Phase 1	A.0001215.001	Inst W39 Switch Poker Cowboy Temp	5,111.89	1,348.63			
357	Electric Transmission	Interconnection XTO Poker Cowboy Phase 1	A.0001215.001	Inst W39 Switch Poker Cowboy Temp	2,510.84	662.41			
358	Electric Transmission	Interconnection XTO Poker Cowboy Phase 1 Total			7,622.73	2,011.04	This project installed two new 115-kV switches on SPS's transmission line W-39 to provide 115-kV service to XTO to serve their new loads in the area.	Customer Funded	LI
359	Electric Transmission	K10-Lubbock South Upgrades NTC	A.0001669.001	K10 Upgr, Line	122,962.01	32,440.08			
360	Electric Transmission	K10-Lubbock South Upgrades NTC	A.0001669.001	K10 Upgr, Line	105,613.55	27,863.18			
361	Electric Transmission	K10-Lubbock South Upgrades NTC	A.0001669.002	Lubbock South, K10 Term Upgrades NT	18,420.48	4,859.73			
362	Electric Transmission	K10-Lubbock South Upgrades NTC	A.0001669.002	Lubbock South, K10 Term Upgrades NT	716,423.66	189,008.32			
363	Electric Transmission	K10-Lubbock South Upgrades NTC Total			963,419.70	254,171.31	This project increased the overhead transmission line ground clearance and upgraded the line terminal equipment at Lubbock South and Wolforth Substations to achieve a summer emergency rating of 550 MVA. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
364	Electric Transmission	K11 Bushland - Deaf Smith NTC	A.0001668.001	K11 Upgr, Line	293,877.82	77,531.43			
365	Electric Transmission	K11 Bushland - Deaf Smith NTC	A.0001668.001	K11 Upgr, Line	59,847.38	15,789.06			
366	Electric Transmission	K11 Bushland - Deaf Smith NTC Total			353,725.20	93,320.49	This project increased the overhead transmission line ground clearance and upgraded the line terminal equipment at Bushland and Deaf Smith 230-kV Substations to achieve a summer emergency rating of 546 MVA. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
367	Electric Transmission	Kiowa Breaker Addition	A.0001448.001	Kiowa, Breaker Add 4R85	265,833.00	70,132.59			
368	Electric Transmission	Kiowa Breaker Addition	A.0001448.001	Kiowa, Breaker Add 4R85	1,283,774.12	338,687.86			

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Transmission Capital Additions by Project Group for the Base Period of July 1, 2021, through June 30, 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery SPS Zonal	Project Category RE
369	Electric Transmission	Kiowa Breaker Addition Total			1,549,607.12	408,820.45	This project installed a 345-kV breaker in series with breaker 4R85 between the termination points for 345-kV Transmission lines J-20 and J-21. TPL studies showed that for a NERC TPL-001-4 P4 (Multiple contingency, Fault followed by stuck breaker) event with a fault on either J-20 (Hobbs Gen-Kiowa) or J-21 (Kiowa-North Loving) and a stuck breaker on Kiowa 345-kV breaker 4R85, results in non-convergence/system collapse (extreme low voltage and overload conditions) due to the load feeding from North Loving attempting to be picked up from other sources. The problem is further exacerbated by the load at Phantom 345-kV. Compliance with these NERC requirements was achieved through the installation of this breaker.		
370	Electric Transmission	Line ELR SPS	A.0000499.011	SPS ELR 115kV NM 2016	528,818.13	139,513.86			
371	Electric Transmission	Line ELR SPS	A.0000499.011	SPS ELR 115kV NM 2016	195,841.62	51,667.33			
372	Electric Transmission	Line ELR SPS	A.0000499.022	Z61 ELR Maintenance	19,624.42	5,177.35			
373	Electric Transmission	Line ELR SPS	A.0000499.022	Z61 ELR Maintenance	1,389.92	366.69			
374	Electric Transmission	Line ELR SPS	A.0000499.032	K59 Str Rpl	-1,986.33	-524.04			
375	Electric Transmission	Line ELR SPS	A.0000499.032	K59 Str Rpl	-2,402.80	-633.91			
376	Electric Transmission	Line ELR SPS	A.0000499.041	V04 Str Rpl	12,456.10	3,286.19			
377	Electric Transmission	Line ELR SPS	A.0000499.041	V04 Str Rpl	3,969.71	1,047.30			
378	Electric Transmission	Line ELR SPS	A.0000499.043	V43 Str Rpl	4,738.37	1,250.09			
379	Electric Transmission	Line ELR SPS	A.0000499.043	V43 Str Rpl	12,158.84	3,207.77			
380	Electric Transmission	Line ELR SPS	A.0000499.051	T94 Str Rpl NM	48,401.67	12,769.42			
381	Electric Transmission	Line ELR SPS	A.0000499.051	T94 Str Rpl NM	3,995.23	1,054.03			
382	Electric Transmission	Line ELR SPS	A.0000499.053	Y56 Str Rpl	3,994.89	1,053.94			
383	Electric Transmission	Line ELR SPS	A.0000499.053	Y56 Str Rpl	83.62	22.06			
384	Electric Transmission	Line ELR SPS	A.0000499.055	U21 Str Rplc	144,614.66	38,152.53			
385	Electric Transmission	Line ELR SPS	A.0000499.055	U21 Str Rplc	17,990.41	4,746.27			
386	Electric Transmission	Line ELR SPS	A.0000499.056	Z05 Str Rplc	136,584.71	36,034.05			
387	Electric Transmission	Line ELR SPS	A.0000499.056	Z05 Str Rplc	32,711.44	8,630.00			
388	Electric Transmission	Line ELR SPS	A.0000499.057	W29 Str Rpl	557,596.42	147,106.20			
389	Electric Transmission	Line ELR SPS	A.0000499.057	W29 Str Rpl	49,288.99	13,003.52			
390	Electric Transmission	Line ELR SPS	A.0000499.058	T54 Str Rpl	744,797.83	196,494.05			
391	Electric Transmission	Line ELR SPS	A.0000499.058	T54 Str Rpl	48,609.58	12,824.28			
392	Electric Transmission	Line ELR SPS	A.0000499.059	V56 Str Rpl	23,571.37	6,218.65			
393	Electric Transmission	Line ELR SPS	A.0000499.059	V56 Str Rpl	7,970.32	2,102.75			
394	Electric Transmission	Line ELR SPS	A.0000499.060	V37 Str Rpl	398,093.28	105,025.76			
395	Electric Transmission	Line ELR SPS	A.0000499.060	V37 Str Rpl	115,884.91	30,572.99			
396	Electric Transmission	Line ELR SPS	A.0000499.061	V33 Str Rpl	173,859.31	45,867.91			
397	Electric Transmission	Line ELR SPS	A.0000499.061	V33 Str Rpl	21,699.17	5,724.72			
398	Electric Transmission	Line ELR SPS	A.0000499.062	K90 Str Rpl	4,157,993.67	1,096,970.21			
399	Electric Transmission	Line ELR SPS	A.0000499.062	K90 Str Rpl	80,090.83	21,129.72			
400	Electric Transmission	Line ELR SPS	A.0000499.064	T87 Str Rpl	-6,364.55	-1,679.11			
401	Electric Transmission	Line ELR SPS	A.0000499.064	T87 Str Rpl	-157.35	-41.51			
402	Electric Transmission	Line ELR SPS	A.0000499.069	J14 Line	120,714.06	31,847.02			
403	Electric Transmission	Line ELR SPS	A.0000499.069	J14 Line	99,222.98	26,177.21			
404	Electric Transmission	Line ELR SPS	A.0000499.070	K37 Line ELR	140,953.37	37,186.60			
405	Electric Transmission	Line ELR SPS	A.0000499.070	K37 Line ELR	53,445.81	14,100.18			
406	Electric Transmission	Line ELR SPS	A.0000499.072	K53 Line ELR	-1,893.26	-499.48			
407	Electric Transmission	Line ELR SPS	A.0000499.072	K53 Line ELR	-269.84	-71.19			
408	Electric Transmission	Line ELR SPS	A.0000499.073	V34 Line ELR	387,768.73	102,301.92			
409	Electric Transmission	Line ELR SPS	A.0000499.073	V34 Line ELR	48,592.76	12,819.84			
410	Electric Transmission	Line ELR SPS	A.0000499.074	Y92 Line ELR	250,383.72	66,056.73			

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411	Electric Transmission	Line ELR SPS	A.0000499.074	Y92 Line ELR	98,523.29	25,992.61			
412	Electric Transmission	Line ELR SPS	A.0000499.075	Y93 Line ELR	385,808.20	101,784.69			
413	Electric Transmission	Line ELR SPS	A.0000499.075	Y93 Line ELR	35,969.30	9,489.49			
414	Electric Transmission	Line ELR SPS	A.0000499.076	Z36 Line	137,019.55	36,148.77			
415	Electric Transmission	Line ELR SPS	A.0000499.076	Z36 Line	5,760.48	1,519.74			
416	Electric Transmission	Line ELR SPS	A.0000499.077	Z41 Line ELR	98,684.67	26,035.19			
417	Electric Transmission	Line ELR SPS	A.0000499.077	Z41 Line ELR	70,852.05	18,692.33			
418	Electric Transmission	Line ELR SPS	A.0000499.077	Z41 Line ELR	95,451.87	25,182.30			
419	Electric Transmission	Line ELR SPS	A.0000499.089	T07 Line ELR	188,031.64	49,606.88			
420	Electric Transmission	Line ELR SPS	A.0000499.089	T07 Line ELR	10,153.70	2,678.77			
421	Electric Transmission	Line ELR SPS	A.0000499.091	W12 Line ELR	46,844.63	12,358.64			
422	Electric Transmission	Line ELR SPS	A.0000499.091	W12 Line ELR	4,958.12	1,308.06			
423	Electric Transmission	Line ELR SPS	A.0000499.092	T74 Line ELR	11,849.56	3,126.17			
424	Electric Transmission	Line ELR SPS	A.0000499.100	T91 LINE ELR	76,573.02	20,201.65			
425	Electric Transmission	Line ELR SPS	A.0000499.100	T91 LINE ELR	6,507.70	1,716.87			
426	Electric Transmission	Line ELR SPS	A.0000499.101	T89 LINE ELR	245,587.99	64,791.51			
427	Electric Transmission	Line ELR SPS	A.0000499.101	T89 LINE ELR	71,819.91	18,947.67			
428	Electric Transmission	Line ELR SPS	A.0000499.104	R06 LINE ELR	116,535.31	30,744.58			
429	Electric Transmission	Line ELR SPS	A.0000499.104	R06 LINE ELR	5,612.22	1,480.63			
430	Electric Transmission	Line ELR SPS	A.0000499.105	R05 LINE ELR	244,352.28	64,465.51			
431	Electric Transmission	Line ELR SPS	A.0000499.105	R05 LINE ELR	22,263.52	5,873.61			
432	Electric Transmission	Line ELR SPS	A.0000499.108	J05-KS LINE ELR	240,592.17	63,473.51			
433	Electric Transmission	Line ELR SPS	A.0000499.108	J05-KS LINE ELR	147,713.89	38,970.17			
434	Electric Transmission	Line ELR SPS	A.0000499.117	T68 LINE ELR	30,059.42	7,930.34			
435	Electric Transmission	Line ELR SPS	A.0000499.117	T68 LINE ELR	12,174.12	3,211.80			
436	Electric Transmission	Line ELR SPS	A.0000499.118	W91 LINE ELR	22,270.83	5,875.53			
437	Electric Transmission	Line ELR SPS	A.0000499.118	W91 LINE ELR	3,142.56	829.08			
438	Electric Transmission	Line ELR SPS	A.0000499.123	Z05 LINE ELR	47,898.80	12,636.76			
439	Electric Transmission	Line ELR SPS	A.0000499.123	Z05 LINE ELR	11,418.74	3,012.51			
440	Electric Transmission	Line ELR SPS Total			11,129,266.26	2,936,145.30	The term "ELR" stands for End of Life Replacement. This project replaced capital transmission line components that showed signs of deterioration and where failure was likely, such as wood poles and crossarms, that were identified by line inspections. Work in this ELR group included emergent work, planned usually 12 to 18 months in advance of the work being performed. This work was done on several transmission lines as part of a multi-year program to replace capital property units on a like-for-like basis and return the transmission lines to overall good health.	SPS Zonal	SR
441	Electric Transmission	Lynn Co. 115/69 Xfmr #1 Upgrade	A.0001284.003	Lynn Co 69kV Bkr 7740	3.20	0.84			
442	Electric Transmission	Lynn Co. 115/69 Xfmr #1 Upgrade	A.0001284.003	Lynn Co 69kV Bkr 7740	46.36	12.23			
443	Electric Transmission	Lynn Co. 115/69 Xfmr #1 Upgrade Total			49.56	13.08	This project replaced the 40 MVA, 115/69-kV transformer at Lynn County substation with a 84 MVA unit. This project was needed to address the overload of the Lynn County Interchange 115/69-kV circuit 1 transformer for the loss of Lynn County Interchange 115/69-kV circuit 2 transformer. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
444	Electric Transmission	McDowell Creek 230/115KV Sub	A.0001228.004	Nichols Sub LRU	5,259.18	1,387.49			
445	Electric Transmission	McDowell Creek 230/115KV Sub	A.0001228.004	Nichols Sub LRU	227,482.39	60,014.86			
446	Electric Transmission	McDowell Creek 230/115KV Sub	A.0001228.007	Dumas 19th St Sub LRU	12,292.36	3,243.00			
447	Electric Transmission	McDowell Creek 230/115KV Sub	A.0001228.007	Dumas 19th St Sub LRU	91,980.68	24,266.53			

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448	Electric Transmission	McDowell Creek 230/115KV Sub Total			337,014.61	88,911.87	This project was to construct a new 230/115-kV interchange named McDowell Creek. This project mitigated the low voltage conditions on the transmission system for specific contingencies identified by SPP. SPP issued SPS an NTC for this project. System conditions changed, and SPP is restudying the need for this project. The capital	SPP Base Plan	RE
449	Electric Transmission	Millen DCP Sub Add 2nd XFMR	A.0001419.001	Millen ? Sub 2nd XFMR TAM	10,389.19	2,740.90			
450	Electric Transmission	Millen DCP Sub Add 2nd XFMR	A.0001419.007	T97 Line Re-Termination	30,272.41	7,986.53			
451	Electric Transmission	Millen DCP Sub Add 2nd XFMR	A.0001419.007	T97 Line Re-Termination	9,524.58	2,512.79			
452	Electric Transmission	Millen DCP Sub Add 2nd XFMR Total			50,186.18	13,240.22	This project installed the transmission substation components needed to provide service to a second new 115-kV distribution transformer installed in the existing Millen Substation located in north Hobbs, New Mexico. SPS Distribution requested a transmission delivery point to this new distribution transformer.	SPS Zonal	LI
453	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line	A.0001030.001	Mustang - Seminole New 115kV Line	12,528.33	3,305.25			
454	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line	A.0001030.001	Mustang - Seminole New 115kV Line	1,919.71	506.46			
455	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line	A.0001030.005	Mustang Sub - Terminal Upgrade	-29,502.22	-7,783.33			
456	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line	A.0001030.005	Mustang Sub - Terminal Upgrade	-351,370.09	-92,699.16			
457	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line	A.0001030.007	Seminole Sub - Terminal Upgrade	-12.33	-3.25			
458	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line	A.0001030.007	Seminole Sub - Terminal Upgrade	-142.52	-37.60			
459	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line	A.0001030.008	W11 2 55/59 Circuit DC with U25	-96,786.66	-25,534.45			
460	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line	A.0001030.008	W11 2 55/59 Circuit DC with U25	-24,317.33	-6,415.45			
461	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line	A.0001030.009	W13 1 62/53 Circuit DC with U25	4,983.97	1,314.88			
462	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line	A.0001030.009	W13 1 62/53 Circuit DC with U25	2,500.37	659.65			
463	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line Total			-480,198.77	-126,687.00	This project installed a 17-mile, 115-kV line and new line terminals at Mustang Station and Seminole Interchange. The SPP NTC required a minimum summer emergency rating of 240 MVA for the line. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
464	Electric Transmission	Mustang-Shell CO2 115kV Line	A.0000979.001	115Line Mustang-Shell Trans Po	179.42	47.33			
465	Electric Transmission	Mustang-Shell CO2 115kV Line	A.0000979.001	115Line Mustang-Shell Trans Po	52.40	13.83			
466	Electric Transmission	Mustang-Shell CO2 115kV Line	A.0000979.002	Denver City -Shell Reterm Tran	27.93	7.37			
467	Electric Transmission	Mustang-Shell CO2 115kV Line	A.0000979.002	Denver City -Shell Reterm Tran	10.81	2.85			
468	Electric Transmission	Mustang-Shell CO2 115kV Line	A.0000979.007	Mustang Sub Sub Portion Sub	20.65	5.45			
469	Electric Transmission	Mustang-Shell CO2 115kV Line	A.0000979.007	Mustang Sub Sub Portion Sub	243.74	64.31			
470	Electric Transmission	Mustang-Shell CO2 115kV Line	A.0000979.010	Shell Substation Sub Portion	47.24	12.46			
471	Electric Transmission	Mustang-Shell CO2 115kV Line	A.0000979.010	Shell Substation Sub Portion	133.51	35.22			
472	Electric Transmission	Mustang-Shell CO2 115kV Line Total			715.70	188.82	This project constructed a new 115-kV transmission line between the Mustang and Shell CO2 substations. The project was needed to address overloads in the area. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
473	Electric Transmission	NERC TPL Relay Improvements	A.0001059.002	Bushland Auto Bus Diff Relay Upgrad	1,647.12	434.55			
474	Electric Transmission	NERC TPL Relay Improvements	A.0001059.002	Bushland Auto Bus Diff Relay Upgrad	36,719.95	9,687.53			
475	Electric Transmission	NERC TPL Relay Improvements	A.0001059.003	Potter Auto Bus Diff Relay Upgrade	761.62	200.93			
476	Electric Transmission	NERC TPL Relay Improvements	A.0001059.003	Potter Auto Bus Diff Relay Upgrade	3,808.99	1,004.89			
477	Electric Transmission	NERC TPL Relay Improvements	A.0001059.006	Potter Tertiary Reactors Relay Upga	11,125.47	2,935.14			
478	Electric Transmission	NERC TPL Relay Improvements	A.0001059.006	Potter Tertiary Reactors Relay Upga	55,562.19	14,658.53			
479	Electric Transmission	NERC TPL Relay Improvements	A.0001059.007	Crosby Co 115kV Bus Diff	607.21	160.20			
480	Electric Transmission	NERC TPL Relay Improvements	A.0001059.007	Crosby Co 115kV Bus Diff	37,020.64	9,766.86			
481	Electric Transmission	NERC TPL Relay Improvements	A.0001059.010	Harrington 230kV Bus Diffs	253,223.61	66,805.96			
482	Electric Transmission	NERC TPL Relay Improvements	A.0001059.010	Harrington 230kV Bus Diffs	3,825,740.85	1,009,314.61			

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483	Electric Transmission	NERC TPL Relay Improvements Total			4,226,217.65	1,114,969.20	This project installed and replaced relays to comply with the North American Electric Reliability Corporation (NERC) Transmission Planning (TPL) standards at a number of identified substations.	SPS Zonal	RE
484	Electric Transmission	Northwest - Rolling Hills 115 kV Rebuild Ckt1	A.0001033.004	Northwest to Rolling Hills 115kV, W	1,502.07	396.28			
485	Electric Transmission	Northwest - Rolling Hills 115 kV Rebuild Ckt1	A.0001033.004	Northwest to Rolling Hills 115kV, W	112,082.89	29,569.93			
486	Electric Transmission	Northwest - Rolling Hills 115 kV Rebuild Ckt1	A.0001033.004	Northwest to Rolling Hills 115kV, W	259,939.65	68,577.80			
487	Electric Transmission	Northwest - Rolling Hills 115 kV Rebuild Ckt1	A.0001033.005	Rolling Hills-NW K59 Line	32,933.81	8,688.66			
488	Electric Transmission	Northwest - Rolling Hills 115 kV Rebuild Ckt1	A.0001033.005	Rolling Hills-NW K59 Line	38,566.30	10,174.64			
489	Electric Transmission	Northwest - Rolling Hills 115 kV Rebuild Ckt1	A.0001033.006	Rolling Hills-NW K85 Line	-4,219.97	-1,113.32			
490	Electric Transmission	Northwest - Rolling Hills 115 kV Rebuild Ckt1	A.0001033.006	Rolling Hills-NW K85 Line	-1,777.24	-468.88			
491	Electric Transmission	Northwest - Rolling Hills 115 kV Rebuild Ckt1	A.0001033.007	Rolling Hills W46 Terminal Sub	2,805.24	740.08			
492	Electric Transmission	Northwest - Rolling Hills 115 kV Rebuild Ckt1	A.0001033.007	Rolling Hills W46 Terminal Sub	15,823.92	4,174.70			
493	Electric Transmission	Northwest - Rolling Hills 115 kV Rebuild Ckt1	A.0001033.008	Northwest W46 Terminal Sub	232.29	61.28			
494	Electric Transmission	Northwest - Rolling Hills 115 kV Rebuild Ckt1	A.0001033.008	Northwest W46 Terminal Sub	16,260.34	4,289.84			
495	Electric Transmission	Northwest - Rolling Hills 115 kV Rebuild Ckt1 Total			474,149.30	125,091.02	This project rebuilt the 8.3-mile 115-kV line and the corresponding line terminal equipment at Northwest Substation and Rolling Hills Substation. This work was needed to comply with an NTC from SPP requiring a minimum summer emergency rating of 188 MVA for the line and its substation terminals. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
496	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.108	Kiowa-Eddy Co 345kV Line	5,447.91	1,437.28			
497	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.108	Kiowa-Eddy Co 345kV Line	1,966.28	518.75			
498	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.111	Eddy Co 345kV 4 Brkr Ring-Kiow	-1,821.96	-480.67			
499	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.111	Eddy Co 345kV 4 Brkr Ring-Kiow	-4,710.08	-1,242.62			
500	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.113	Kiowa 345kV Eddy Co Term Sub	2,767.24	730.06			
501	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.113	Kiowa 345kV Eddy Co Term Sub	12,565.00	3,314.92			
502	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.274	K23 Term Str Replacement	11,502.64	3,034.65			
503	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.274	K23 Term Str Replacement	1,493.54	394.03			
504	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.275	CRSR SER1 345kV J16 Relay	13.99	3.69			
505	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.275	CRSR SER1 345kV J16 Relay	1,345.72	355.03			
506	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV Total			30,570.28	8,065.11	This project constructed a new 34-mile, 345-kV transmission line between Eddy County and Kiowa Interchanges. This project also installed a 345-kV ring bus at Eddy County Interchange and a new 345-kV terminal at Kiowa Interchange. The project was identified by SPP as needed for reliability. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
507	Electric Transmission	OPIE 2 Kiowa-Road Runner 345kV Conv_PID 30639	A.0000424.093	Road Runner Sub 345kV Conv_UID	-1,680.20	-443.27			
508	Electric Transmission	OPIE 2 Kiowa-Road Runner 345kV Conv_PID 30639	A.0000424.093	Road Runner Sub 345kV Conv_UID	-15,324.87	-4,043.04			
509	Electric Transmission	OPIE 2 Kiowa-Road Runner 345kV Conv_PID 30639 Total			-17,005.07	-4,486.31	This project replaced the existing 230/115-kV transformer at Roadrunner Substation with a new 345/115-kV transformer, converted the Kiowa to Roadrunner line from 230-kV to 345-kV operation, and constructed a new 345/115-kV double circuit transmission line between the Kiowa and Potash Junction substations. The project was needed for reliability reasons and SPP issued SPS an NTC for the project.	SPP Base Plan	RE
510	Electric Transmission	OPIE 3 Black River Substation	A.0001292.009	U35 China Draw Aztec Line	13.62	3.59			
511	Electric Transmission	OPIE 3 Black River Substation	A.0001292.009	U35 China Draw Aztec Line	2,379.69	627.81			

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512	Electric Transmission	OPIE 3 Black River Substation	A.0001292.009	U35 China Draw Aztec Line	1,142.24	301.35			
513	Electric Transmission	OPIE 3 Black River Substation	A.0001292.009	U35 China Draw Aztec Line	0.24	0.06			
514	Electric Transmission	OPIE 3 Black River Substation Total			3,535.79	932.82	This project was cancelled and not built. The capital additions on this project are being reviewed and will be transferred to the appropriate capital project or an operations & maintenance account.	SPS Zonal	LI
515	Electric Transmission	OPIE 3 Lynch Substation	A.0000424.270	Lynch Sub TAM	8,935.67	2,357.43			
516	Electric Transmission	OPIE 3 Lynch Substation	A.0000424.271	U39 Quahada to Lynch	37,830.24	9,980.45			
517	Electric Transmission	OPIE 3 Lynch Substation	A.0000424.271	U39 Quahada to Lynch	2,136.23	563.58			
518	Electric Transmission	OPIE 3 Lynch Substation	A.0000424.272	U38 Lynch to Maddox	32,003.35	8,443.19			
519	Electric Transmission	OPIE 3 Lynch Substation	A.0000424.272	U38 Lynch to Maddox	1,844.53	486.63			
520	Electric Transmission	OPIE 3 Lynch Substation	A.0000424.296	Quahada Relay Upgrade, U39 Term	1,036.19	273.37			
521	Electric Transmission	OPIE 3 Lynch Substation	A.0000424.296	Quahada Relay Upgrade, U39 Term	10,526.41	2,777.10			
522	Electric Transmission	OPIE 3 Lynch Substation	A.0000424.297	Maddox Relay Upgrade, U38 Term	22.52	5.94			
523	Electric Transmission	OPIE 3 Lynch Substation	A.0000424.297	Maddox Relay Upgrade, U38 Term	7,968.98	2,102.39			
524	Electric Transmission	OPIE 3 Lynch Substation Total			102,304.12	26,990.08	This project installed the transmission line tap from the existing 115-kV transmission line U-12 and the transmission substation components needed to provide service to the new Lynch distribution substation located southwest of Hobbs, New Mexico. SPS Distribution requested a transmission delivery point to this new substation.	SPS Zonal	LI
525	Electric Transmission	OPIE 3 Malaga Bend	A.0001214.001	Malaga Bend 115 1247kV Substation T	-731.02	-192.86			
526	Electric Transmission	OPIE 3 Malaga Bend	A.0001214.002	Loving South Malaga Bend Terminal	-1,253.92	-330.81			
527	Electric Transmission	OPIE 3 Malaga Bend	A.0001214.003	Phantom Malaga Bend Terminal	-6,197.28	-1,634.98			
528	Electric Transmission	OPIE 3 Malaga Bend	A.0001214.003	Phantom Malaga Bend Terminal	-20,061.25	-5,292.60			
529	Electric Transmission	OPIE 3 Malaga Bend	A.0001214.004	U26 LS Malaga 115kV Line	7,663.90	2,021.90			
530	Electric Transmission	OPIE 3 Malaga Bend	A.0001214.004	U26 LS Malaga 115kV Line	6,796.28	1,793.01			
531	Electric Transmission	OPIE 3 Malaga Bend Total			-13,783.29	-3,636.34	This project installed a new 115-kV distribution substation called Malaga Bend as well as two new 115-kV transmission lines, a line approximately 11 miles in length from Malaga Bend Substation to Loving South Substation and a line approximately 10 miles in length from Malaga Bend Substation to Phantom Substation. This substation was needed to serve the rapidly increasing new distribution loads in the surrounding area.	SPS Zonal	LI
532	Electric Transmission	OPIE 3 Medanos Sub	A.0000424.243	Medanos Sub Tam	-4.49	-1.19			
533	Electric Transmission	OPIE 3 Medanos Sub	A.0000424.243	Medanos Sub Tam	-2,730.01	-720.24			
534	Electric Transmission	OPIE 3 Medanos Sub Total			-2,734.50	-721.42	This project installed the transmission line tap from the existing 115-kV transmission line W-88 and the transmission substation components needed to provide service to the new Medanos distribution substation located east of Carlsbad, New Mexico. SPS Distribution requested a transmission delivery point to this new substation.	SPS Zonal	LI
535	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.001	OPIE Phantom Sub 345	1,260,819.61	332,631.95			
536	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.001	OPIE Phantom Sub 345	5,294,752.05	1,396,872.08			
537	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.003	OPIE PhantomU28reterm Phan to Red B	-1,207.00	-318.43			
538	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.003	OPIE PhantomU28reterm Phan to Red B	-521.35	-137.54			
539	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.008	OPIE Phantom Roadrunner 345 Line J-	23,242,759.77	6,131,951.40			
540	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.008	OPIE Phantom Roadrunner 345 Line J-	4,469,618.01	1,179,183.57			
541	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.010	OPIE China Draw Phantom 345 Line J-	18,454,820.85	4,868,787.77			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
542	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.010	OPIE China Draw Phantom 345 Line J-	5,218,373.92	1,376,721.85			
543	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.012	OPIE Roadrunner Sub Phantom Termina	772,762.94	203,871.86			
544	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.012	OPIE Roadrunner Sub Phantom Termina	7,553,706.33	1,992,833.92			
545	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.016	OPIE China Draw Sub Phantom Termin	683,012.58	180,193.75			
546	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.016	OPIE China Draw Sub Phantom Termin	6,981,822.91	1,841,958.49			
547	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.018	OPIE Phantom Sub Cust Term 1 TOIF	98,717.30	26,043.80			
548	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.018	OPIE Phantom Sub Cust Term 1 TOIF	379,687.61	100,169.94			
549	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.019	OPIE Phantom Sub Cust Term 2 TOIF	97,432.04	25,704.72			
550	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.019	OPIE Phantom Sub Cust Term 2 TOIF	314,296.66	82,918.37			
551	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.020	Phantom 115kV Bus	-35,597.31	-9,391.35			
552	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.020	Phantom 115kV Bus	-48,874.40	-12,894.14			
553	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.021	OPIE 3 Roadrunner - China Draw 345k	1,122,822.60	296,225.31			
554	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.021	OPIE 3 Roadrunner - China Draw 345k	4,705,275.26	1,241,355.14			
555	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.022	Phantom 345 115kV XFMR T02	1,193,696.05	314,923.28			
556	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.022	Phantom 345 115kV XFMR T02	5,007,207.19	1,321,011.42			
557	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.024	Red Bluff U28 Phantom Terminal	63.43	16.73			
558	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.024	Red Bluff U28 Phantom Terminal	710.99	187.57			
559	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.025	Wood Draw U29 Phantom Terminal	-1,979.45	-522.22			
560	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.025	Wood Draw U29 Phantom Terminal	-22,899.05	-6,041.27			
561	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV Total			86,741,279.54	22,884,257.96	This project installed the new 345/115-kV Phantom Substation as well as two new 345-kV transmission lines, a line approximately 20 miles in length from Phantom Substation to China Draw Substation and a line approximately 21 miles in length from Phantom Substation to Roadrunner Substation. The Phantom Substation was needed to serve the rapidly increasing new transmission loads in the surrounding area and the looped 345-kV lines were needed to provide the needed reliability to these new loads and to the existing transmission system in the area. SPP issued SPS an NTC for this project.	SPP Base Plan	RE/LI
562	Electric Transmission	OPIE 3 W 39 Rebuild	A.0000424.266	OPIE 3 W 39 RblD PHTM RDBF	-523,670.25	-138,155.73			
563	Electric Transmission	OPIE 3 W 39 Rebuild	A.0000424.266	OPIE 3 W 39 RblD PHTM RDBF	-254,899.00	-67,247.97			
564	Electric Transmission	OPIE 3 W 39 Rebuild	A.0000424.298	U-28 Rebuild	506,581.34	133,647.30			
565	Electric Transmission	OPIE 3 W 39 Rebuild	A.0000424.298	U-28 Rebuild	217,938.13	57,496.87			
566	Electric Transmission	OPIE 3 W 39 Rebuild Total			-54,049.78	-14,259.52	This project replaced approximately 8 miles the existing 115-kV W39 line with a new, higher capacity line. The additional capacity was needed on this line to serve new customer load in the area.	SPS Zonal	LI
567	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.021	TUCO-Yoakum 345kV Line_UID 504	42,538.31	11,222.54			
568	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.021	TUCO-Yoakum 345kV Line_UID 504	6,136.24	1,618.87			
569	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.022	TUCO-Yoakum 345kV ROW_UID 5044	97,022.05	25,596.55			
570	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.027	TUCO 345kV Sub Reactor/Y Term_	-271.89	-71.73			
571	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.027	TUCO 345kV Sub Reactor/Y Term_	-7,856.25	-2,072.65			
572	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.029	Yoakum 345kV Sub Reactor/TUCO	534.56	141.03			
573	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.029	Yoakum 345kV Sub Reactor/TUCO	3,003.34	792.35			
574	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.030	Yoakum 345kV Sub Reactor/Hobbs	-396.60	-104.63			
575	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.030	Yoakum 345kV Sub Reactor/Hobbs	-2,237.39	-590.27			
576	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.031	Yoakum Sub Xmfr 345kV/230KV_UI	5.02	1.32			
577	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.031	Yoakum Sub Xmfr 345kV/230KV_UI	27.81	7.34			
578	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.039	Hobbs Sub 345kV Yoakum Reator	4.74	1.25			
579	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.039	Hobbs Sub 345kV Yoakum Reator	41.95	11.07			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
580	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376 Total			138,551.89	36,553.04	This project constructed a single-circuit 345-kV transmission line between the TUCO Substation, near Lubbock, Texas, the Yoakum Substation in Texas, and the Hobbs Generating Substation near Hobbs, New Mexico. The project was evaluated and identified in the 2013 SPP High Priority Incremental Load Study ("HPILS") as needed for reliability to alleviate loading violations on the underlying network and voltage violations due to insufficient power supply to network load additions. In addition to its reliability benefits, the project was also identified by SPP as providing significant economic benefits. In 2016, SPP issued its Integrated Transmission Planning Near-Term study which identified the TUCO to Yoakum portion of the project as needed as soon as 2017 to mitigate voltage issues in that area. SPP issued SPS NTCs for this project.	SPP Base Plan	RE
581	Electric Transmission	OXY BRU 2nd XFMR	A.0001699.001	OXY BRU 2nd XFMR	97,485.89	25,718.92			
582	Electric Transmission	OXY BRU 2nd XFMR Total			97,485.89	25,718.92	This project installed the necessary terminal relay upgrades to allow the customer to add a second power transformer to serve their additional load. SPS paid for the network transmission facilities and the	SPS Zonal/Customer Funded	LI
583	Electric Transmission	Oxy Y79 Tap	A.0001478.001	Oxy Y79 Tap, Line	177,247.36	46,761.75			
584	Electric Transmission	Oxy Y79 Tap	A.0001478.001	Oxy Y79 Tap, Line	136,130.39	35,914.19			
585	Electric Transmission	Oxy Y79 Tap	A.0001478.007	Oxy Y79 SW, TOIF	-97,760.04	-25,791.25			
586	Electric Transmission	Oxy Y79 Tap	A.0001478.007	Oxy Y79 SW, TOIF	-75,083.04	-19,808.56			
587	Electric Transmission	Oxy Y79 Tap Total			140,534.67	37,076.14	This project installed a new 69-kV tap and service point on SPS transmission line Y-79 to provide service to a new Occidental Petroleum substation. This project was required to provide service to a new customer-owned substation to serve new customer load. The customer paid for a portion of this project.	SPS Zonal/Customer Funded	LI
588	Electric Transmission	Physical Security	A.0000710.014	Nichols Physical Security INFR Tx	2,598,171.57	685,454.82			
589	Electric Transmission	Physical Security	A.0000710.015	Potter Physical Security INFR TX	-1,436.67	-379.03			
590	Electric Transmission	Physical Security	A.0000710.046	Harrington Phys Sec INFR Tx	2,338,126.90	616,849.32			
591	Electric Transmission	Physical Security Total			4,934,861.80	1,301,925.12	This project installed Physical Security Upgrades affecting SPS substation protection with specific work varying by substation location, current layout, and threat history. Typical security measures included the installation of equipment such as cameras and motion sensors at substations.	SPS Zonal	OT
592	Electric Transmission	Plant X 115kV BFR	A.0000842.007	Plant X-Castro Carrier Equipment	147.66	38.96			
593	Electric Transmission	Plant X 115kV BFR	A.0000842.007	Plant X-Castro Carrier Equipment	966.01	254.86			
594	Electric Transmission	Plant X 115kV BFR Total			1,113.67	293.81	This project added breaker failure relaying to all the 115-kV breakers at Plant X as well as at the remote terminals of line T28 at Lamton, line V09 at Hale County and line V13 at Lamb County. This project was needed to address the findings of a North American Electric Reliability Corporation ("NERC") TPL-001-4 assessment of the 115-kV bus at Plant X for certain 115-kV breaker failure events.	SPS Zonal	RE
595	Electric Transmission	Pole Treatment Program	A.0001485.002	Pole Treatment Program 69kV TX	150,343.40	39,663.90			

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Transmission Capital Additions by Project Group for the Base Period of July 1, 2021, through June 30, 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
596	Electric Transmission	Pole Treatment Program	A.0001485.002 Pole Treatment Program 69kV TX	40,810.01	10,766.58			
597	Electric Transmission	Pole Treatment Program	A.0001485.003 Pole Treatment Program 115kV TX	441,801.72	116,557.01			
598	Electric Transmission	Pole Treatment Program	A.0001485.003 Pole Treatment Program 115kV TX	110,662.21	29,195.12			
599	Electric Transmission	Pole Treatment Program	A.0001485.004 Pole Treatment Program 230kV TX	177,675.98	46,874.83			
600	Electric Transmission	Pole Treatment Program	A.0001485.004 Pole Treatment Program 230kV TX	65,646.86	17,319.09			
601	Electric Transmission	Pole Treatment Program	A.0001485.006 Pole Treatment Program 345kV NM	6,479.97	1,709.56			
602	Electric Transmission	Pole Treatment Program	A.0001485.006 Pole Treatment Program 345kV NM	5,612.93	1,480.81			
603	Electric Transmission	Pole Treatment Program	A.0001485.047 Pole Treatment Program 345kV OK	21,211.95	5,596.18			
604	Electric Transmission	Pole Treatment Program	A.0001485.047 Pole Treatment Program 345kV OK	4,615.65	1,217.71			
605	Electric Transmission	Pole Treatment Program	A.0001485.048 Pole Treatment Program 345kV TX	83,346.03	21,988.52			
606	Electric Transmission	Pole Treatment Program	A.0001485.049 Pole Treatment Program 230kV NM	86,359.97	22,783.66			
607	Electric Transmission	Pole Treatment Program	A.0001485.049 Pole Treatment Program 230kV NM	39,945.70	10,538.55			
608	Electric Transmission	Pole Treatment Program	A.0001485.050 Pole Treatment Program 345kV KS	105,485.33	27,829.35			
609	Electric Transmission	Pole Treatment Program	A.0001485.050 Pole Treatment Program 345kV KS	4,029.73	1,063.13			
610	Electric Transmission	Pole Treatment Program Total		1,344,027.44	354,584.01	This project provided for a portion of the cost of the inspection and treatment of wood transmission poles for groundline decay. The inspections identify poles that have adequate strength to remain in service and those that need to be replaced. The treatments applied to poles that will stay in service significantly extend the useful life of those wood poles.	SPS Zonal	OT
611	Electric Transmission	RB - Purnell Sub	A.0001061.009 XIT 115kV Sub TOIF	9,027.39	2,381.62			
612	Electric Transmission	RB - Purnell Sub	A.0001061.009 XIT 115kV Sub TOIF	315,875.36	83,334.87			
613	Electric Transmission	RB - Purnell Sub Total		324,902.75	85,716.49	This project installed a new 115-kV terminal at SPS's XIT Substation to provide 115-kV service to Rita Blanca Electric Cooperative to serve new load from its new Wolves Substation.	SPS Zonal/Customer Funded	LI
614	Electric Transmission	ROW by Permit	A.0000879.008 J06 BLM Permit 20 Year	39,984.40	10,548.76			
615	Electric Transmission	ROW by Permit	A.0000879.010 TDC K98 Dallam-Channing Easement-10	4,120.50	1,087.08			
616	Electric Transmission	ROW by Permit	A.0000879.012 Y58 Permit Renewal	5,955.48	1,571.19			
617	Electric Transmission	ROW by Permit	A.0000879.013 Y61 Permit Renewal	5,955.48	1,571.19			
618	Electric Transmission	ROW by Permit	A.0000879.014 Y63 Permit Renewal	5,925.47	1,563.27			
619	Electric Transmission	ROW by Permit	A.0000879.015 Z67 Permit Renewal	11,192.58	2,952.85			
620	Electric Transmission	ROW by Permit	A.0000879.016 J26 Permit Renewal - OK	208,379.88	54,975.20			
621	Electric Transmission	ROW by Permit Total		281,513.79	74,269.53	This project funds the renewal of railroad, highway crossing, and other permits required as part of the right of way for transmission lines.	SPS Zonal	OT
622	Electric Transmission	RTU - EMS Upgrade - SPS	A.0000588.036 Industrial RTU Rplemnt, Sub	26,034.40	6,868.45			
623	Electric Transmission	RTU - EMS Upgrade - SPS	A.0000588.037 Gray Co RTU Rplemnt, Sub	-50.61	-13.35			
624	Electric Transmission	RTU - EMS Upgrade - SPS	A.0000588.037 Gray Co RTU Rplemnt, Sub	-574.92	-151.68			
625	Electric Transmission	RTU - EMS Upgrade - SPS Total		25,408.87	6,703.42	This project replaced remote terminal units ("RTUs") that were at the end of their useful service life.	SPS Zonal	OT
626	Electric Transmission	S&E - SPS Line	A.0000303.007 SPS S&E B 230kV, Line	2,136.09	563.55			
627	Electric Transmission	S&E - SPS Line	A.0000303.007 SPS S&E B 230kV, Line	388,401.67	102,468.91			
628	Electric Transmission	S&E - SPS Line	A.0000303.007 SPS S&E B 230kV, Line	61,225.01	16,152.50			
629	Electric Transmission	S&E - SPS Line	A.0000303.040 SPS S&E 69kV Line NM	40,980.29	10,811.50			
630	Electric Transmission	S&E - SPS Line	A.0000303.040 SPS S&E 69kV Line NM	15,237.53	4,020.00			
631	Electric Transmission	S&E - SPS Line	A.0000303.041 SPS S&E 115kV Line NM	2,760.03	728.16			
632	Electric Transmission	S&E - SPS Line	A.0000303.041 SPS S&E 115kV Line NM	336,676.27	88,822.61			
633	Electric Transmission	S&E - SPS Line	A.0000303.041 SPS S&E 115kV Line NM	58,794.39	15,511.25			
634	Electric Transmission	S&E - SPS Line	A.0000303.042 SPS S&E 230kV Line NM	230,145.92	60,717.56			
635	Electric Transmission	S&E - SPS Line	A.0000303.042 SPS S&E 230kV Line NM	15,970.74	4,213.43			
636	Electric Transmission	S&E - SPS Line	A.0000303.043 SPS S&E 345kV Line NM	15,744.86	4,153.84			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to	Additions to	WBS Level 1 Project Group Description	Cost Recovery	Project Category
					Plant In-Service (July 1, 2021 - June 30, 2022)	Plant In-Service (July 1, 2021 - June 30, 2022)			
					Total Company	New Mexico Retail			
637	Electric Transmission	S&E - SPS Line	A.0000303.043	SPS S&E 345kV Line NM	13,607.25	3,589.89			
638	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	822.09	216.88			
639	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	676,602.18	178,502.54			
640	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	159,722.16	42,138.22			
641	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	615,161.27	162,293.08			
642	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	130,881.87	34,529.52			
643	Electric Transmission	S&E - SPS Line	A.0000303.046	SPS S&E 345kV Line TX	-16,981.16	-4,480.00			
644	Electric Transmission	S&E - SPS Line	A.0000303.046	SPS S&E 345kV Line TX	2,362.25	623.21			
645	Electric Transmission	S&E - SPS Line	A.0000303.049	SPS S&E 345kV Line OK	4,568.86	1,205.36			
646	Electric Transmission	S&E - SPS Line	A.0000303.049	SPS S&E 345kV Line OK	478.42	126.22			
647	Electric Transmission	S&E - SPS Line	A.0000303.050	SPS S&E 345kV Line KS	216,869.23	57,214.88			
648	Electric Transmission	S&E - SPS Line	A.0000303.050	SPS S&E 345kV Line KS	5,635.76	1,486.84			
649	Electric Transmission	S&E - SPS Line	A.0000303.065	W24 Str Rpl PPR	-361.30	-95.32			
650	Electric Transmission	S&E - SPS Line	A.0000303.065	W24 Str Rpl PPR	-116.18	-30.65			
651	Electric Transmission	S&E - SPS Line	A.0000303.066	V13 Str Rpl PPR	75,739.51	19,981.75			
652	Electric Transmission	S&E - SPS Line	A.0000303.066	V13 Str Rpl PPR	11,563.87	3,050.80			
653	Electric Transmission	S&E - SPS Line	A.0000303.070	T42 Str Rpl PPR	-488,231.80	-128,806.29			
654	Electric Transmission	S&E - SPS Line	A.0000303.070	T42 Str Rpl PPR	-180,810.94	-47,701.91			
655	Electric Transmission	S&E - SPS Line	A.0000303.071	T60 Str Rpl PPR	42,432.85	11,194.72			
656	Electric Transmission	S&E - SPS Line	A.0000303.071	T60 Str Rpl PPR	17,210.98	4,540.64			
657	Electric Transmission	S&E - SPS Line	A.0000303.072	T62 Str Rpl PPR	12.02	3.17			
658	Electric Transmission	S&E - SPS Line	A.0000303.072	T62 Str Rpl PPR	4.63	1.22			
659	Electric Transmission	S&E - SPS Line	A.0000303.073	Z76 Str Rpl PPR	7,949.60	2,097.28			
660	Electric Transmission	S&E - SPS Line	A.0000303.073	Z76 Str Rpl PPR	2,072.81	546.85			
661	Electric Transmission	S&E - SPS Line	A.0000303.074	T99 Str Rpl PPR	-25,025.33	-6,602.23			
662	Electric Transmission	S&E - SPS Line	A.0000303.074	T99 Str Rpl PPR	-11,328.63	-2,988.74			
663	Electric Transmission	S&E - SPS Line	A.0000303.075	U04 Str Rpl PPR	-10,555.30	-2,784.72			
664	Electric Transmission	S&E - SPS Line	A.0000303.075	U04 Str Rpl PPR	-1,212.07	-319.77			
665	Electric Transmission	S&E - SPS Line	A.0000303.077	Y80 Str Rpl PPR	41,608.59	10,977.26			
666	Electric Transmission	S&E - SPS Line	A.0000303.077	Y80 Str Rpl PPR	17,724.94	4,676.23			
667	Electric Transmission	S&E - SPS Line	A.0000303.078	Y50 Str Rpl PPR	509.36	134.38			
668	Electric Transmission	S&E - SPS Line	A.0000303.078	Y50 Str Rpl PPR	59.79	15.77			
669	Electric Transmission	S&E - SPS Line	A.0000303.079	W35 Str Rpl PPR	21,700.88	5,725.17			
670	Electric Transmission	S&E - SPS Line	A.0000303.079	W35 Str Rpl PPR	8,843.93	2,333.22			
671	Electric Transmission	S&E - SPS Line	A.0000303.081	T82 Str Rpl PPR	-140,284.10	-37,010.03			
672	Electric Transmission	S&E - SPS Line	A.0000303.082	T84 Str Rpl PPR	7,712.48	2,034.72			
673	Electric Transmission	S&E - SPS Line	A.0000303.082	T84 Str Rpl PPR	7,547.45	1,991.18			
674	Electric Transmission	S&E - SPS Line	A.0000303.084	W36 Str Rpl PPR	1,362.93	359.57			
675	Electric Transmission	S&E - SPS Line	A.0000303.084	W36 Str Rpl PPR	1,872.51	494.01			
676	Electric Transmission	S&E - SPS Line	A.0000303.085	T30 Str Rpl PPR	-119,070.52	-31,413.42			
677	Electric Transmission	S&E - SPS Line	A.0000303.085	T30 Str Rpl PPR	-38,925.80	-10,269.48			
678	Electric Transmission	S&E - SPS Line	A.0000303.088	W74 Str Rpl PPR	354.30	93.47			
679	Electric Transmission	S&E - SPS Line	A.0000303.088	W74 Str Rpl PPR	27.84	7.34			
680	Electric Transmission	S&E - SPS Line Total			2,228,192.27	587,846.14	These projects provided for the storm and emergency work orders for the replacement or capital repair of transmission line facilities damaged by inclement weather or natural disasters.	SPS Zonal	SR
681	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	70,822.12	18,684.43			
682	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	1,672,332.19	441,198.03			
683	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	75,968.26	20,042.10			
684	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	657,127.17	173,364.60			
685	Electric Transmission	S&E - SPS Sub	A.0000220.026	SPS 2015 OK SE Sub	16,356.46	4,315.19			
686	Electric Transmission	S&E - SPS Sub	A.0000220.036	PCA Capbank Rplmt NM	-7,846.70	-2,070.13			
687	Electric Transmission	S&E - SPS Sub	A.0000220.036	PCA Capbank Rplmt NM	-290,936.68	-76,755.50			
688	Electric Transmission	S&E - SPS Sub	A.0000220.037	Cox Int Differential Upgrades	-84.78	-22.37			
689	Electric Transmission	S&E - SPS Sub	A.0000220.037	Cox Int Differential Upgrades	-1,304.51	-344.16			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022)	Additions to Plant In-Service (July 1, 2021 - June 30, 2022)	WBS Level 1 Project Group Description	Cost Recovery	Project Category
					Total Company	New Mexico Retail			
690	Electric Transmission	S&E - SPS Sub	A.0000220.040	Tuco Brk NR10	27,444.29	7,240.41			
691	Electric Transmission	S&E - SPS Sub	A.0000220.040	Tuco Brk NR10	791,119.58	208,714.75			
692	Electric Transmission	S&E - SPS Sub Total			3,010,997.40	794,367.36	These projects provided for the storm and emergency work orders that repaired substation facilities damaged by inclement weather and natural disasters.	SPS Zonal	SR
693	Electric Transmission	seminole intg 230/115kV xfmr #1 & #2 upgrades	A.0000494.001	Seminole Xfmr 1	-1,149.19	-303.18			
694	Electric Transmission	seminole intg 230/115kV xfmr #1 & #2 upgrades	A.0000494.001	Seminole Xfmr 1	-13,288.35	-3,505.76			
695	Electric Transmission	seminole intg 230/115kV xfmr #1 & #2 upgrades	A.0000494.002	Seminole Xfmr 2	4.62	1.22			
696	Electric Transmission	seminole intg 230/115kV xfmr #1 & #2 upgrades	A.0000494.002	Seminole Xfmr 2	53.46	14.10			
697	Electric Transmission	seminole intg 230/115kV xfmr #1 & #2 upgrades Total			-14,379.46	-3,793.62	This project replaced the two 230/115-kV transformers at Seminole Interchange with two 246/283 MVA units. This project was needed for regional reliability to address the overload of the Seminole 230/115-kV transformers for the outage of the parallel Seminole 230/115-kV transformer. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
698	Electric Transmission	Sierra Substation (RIAC Conversion)	A.0001300.024	Z09 Removal from S Main St to RIAC	-13.91	-3.67			
699	Electric Transmission	Sierra Substation (RIAC Conversion)	A.0001300.024	Z09 Removal from S Main St to RIAC	-3.02	-0.80			
700	Electric Transmission	Sierra Substation (RIAC Conversion) Total			-16.93	-4.47	This project constructed a new 115-kV distribution substation and converted 2 miles of 69-kV transmission line to 115-kV operation. This project moved load from the 69-kV system to the 115-kV system, eliminating the contingency overloading problem on the 115/69-kV transformers at Roswell Interchange. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
701	Electric Transmission	Sisko Substation	A.0001408.001	W25 Sisko Line	5,896.94	1,555.74			
702	Electric Transmission	Sisko Substation	A.0001408.001	W25 Sisko Line	1,177.11	310.55			
703	Electric Transmission	Sisko Substation	A.0001408.005	Sisko Sub TAM	7,798.86	2,057.51			
704	Electric Transmission	Sisko Substation Total			14,872.91	3,923.80	This project installed the transmission line tap from the existing 115-kV transmission line W-25 and the transmission substation components needed to provide service to the new Sisko distribution substation located in Carlsbad, New Mexico. SPS Distribution requested a transmission delivery point to this new substation.	SPS Zonal	LI
705	Electric Transmission	Spearman Breaker Replacements	A.0001421.001	Spearman Breaker Replacement 1715	10.00	2.64			
706	Electric Transmission	Spearman Breaker Replacements	A.0001421.001	Spearman Breaker Replacement 1715	9,418.30	2,484.76			
707	Electric Transmission	Spearman Breaker Replacements	A.0001421.003	Spearman Breaker Replacement 1711	-5.05	-1.33			
708	Electric Transmission	Spearman Breaker Replacements	A.0001421.003	Spearman Breaker Replacement 1711	-5,054.76	-1,333.56			
709	Electric Transmission	Spearman Breaker Replacements Total			4,368.49	1,152.50	This project replaced two 69-kV circuit breakers, protective relay systems, communications systems, and associated equipment at Spearman Interchange. Some of this equipment had failed and the rest of the equipment was at the end of its useful life. North Plains Electric Cooperative was financially responsible for the replacement of one of the 69-kV breakers and paid for its replacement.	SPS Zonal/Customer Funded	SR
710	Electric Transmission	Split Path - SPS	A.0001449.002	WIPP XFMR Diff Relays Split Path	223.07	58.85			
711	Electric Transmission	Split Path - SPS	A.0001449.002	WIPP XFMR Diff Relays Split Path	50,429.07	13,304.30			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022)	Additions to Plant In-Service (July 1, 2021 - June 30, 2022)	WBS Level 1 Project Group Description	Cost Recovery	Project Category
712	Electric Transmission	Split Path - SPS Total			50,652.14	13,363.15	This project upgraded the transmission line substation terminal at SPS's Indiana Substation and the transmission line tap to South Plains Electric Coop's Erskine Substation to provide a minimum emergency rating of 175 MVA. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
713	Electric Transmission	SPS Facility Rating Mitigation	A.0001041.002	Sundown V55 Term Upgrade	1,999.91	527.62			
714	Electric Transmission	SPS Facility Rating Mitigation	A.0001041.002	Sundown V55 Term Upgrade	21,876.54	5,771.51			
715	Electric Transmission	SPS Facility Rating Mitigation	A.0001041.004	Denver City, V16 Terminal Upgrade	365.47	96.42			
716	Electric Transmission	SPS Facility Rating Mitigation	A.0001041.004	Denver City, V16 Terminal Upgrade	19,423.29	5,124.29			
717	Electric Transmission	SPS Facility Rating Mitigation	A.0001041.005	Terry Co, V16 Terminal Upgrade	99.79	26.33			
718	Electric Transmission	SPS Facility Rating Mitigation	A.0001041.005	Terry Co, V16 Terminal Upgrade	8,462.89	2,232.70			
719	Electric Transmission	SPS Facility Rating Mitigation	A.0001041.009	K53 Term Upgrade Grapevine Nichols	-54.38	-14.35			
720	Electric Transmission	SPS Facility Rating Mitigation	A.0001041.009	K53 Term Upgrade Grapevine Nichols	-320.69	-84.60			
721	Electric Transmission	SPS Facility Rating Mitigation Total			51,852.82	13,679.91	This project upgraded the terminal equipment at various substations so that their ratings match or exceed the ratings of the terminal's associated transmission line. This project was needed to prevent the operational issues caused when the loading on these substation terminals exceeded their rating, requiring the transmission system to be reconfigured to shift load to other transmission lines. This caused sub-optimal operation of the transmission system and increased costs to deliver energy to customers.	SPS Zonal	RE
722	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.011	Z08 Switch Replacements	-1,053.20	-277.86			
723	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.011	Z08 Switch Replacements	-475.68	-125.50			
724	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.012	Z50 Muleshoe West Switch	15,107.79	3,985.77			
725	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.012	Z50 Muleshoe West Switch	6,274.47	1,655.34			
726	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.013	V49.1 Switch 7998 Replacement	207,971.62	54,867.49			
727	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.013	V49.1 Switch 7998 Replacement	41,354.27	10,910.17			
728	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.014	Z46.1 Sw 7797 Rplcmnt	182,596.22	48,172.90			
729	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.014	Z46.1 Sw 7797 Rplcmnt	131,102.46	34,587.71			
730	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.014	Z46.1 Sw 7797 Rplcmnt	176,494.52	46,563.14			
731	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.019	Z18 Rplc Sw 9703	230,547.52	60,823.51			
732	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.019	Z18 Rplc Sw 9703	62,603.74	16,516.24			
733	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.021	V38, Rplc Sw 1975	271,085.66	71,518.36			
734	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.021	V38, Rplc Sw 1975	100,551.72	26,527.76			
735	Electric Transmission	SPS Group 1 Switch Replacements Total			1,424,161.11	375,725.03	These projects replaced old high-maintenance or broken switches with new switches.	SPS Zonal	SR
736	Electric Transmission	SPS Line Capacity	A.0000427.019	J14 Lidar Mitigation	282,309.72	74,479.51			
737	Electric Transmission	SPS Line Capacity	A.0000427.019	J14 Lidar Mitigation	232,010.33	61,209.43			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
738	Electric Transmission	SPS Line Capacity Total			514,320.05	135,688.94	This project surveyed and verified the line ratings of the SPS transmission system for lines above 100-kV. This project is a required response to a North American Electric Reliability Corporation ("NERC") Facility Ratings Alert, issued October 7, 2010 and updated on November 30, 2010, requiring transmission owners to verify that transmission line ratings are based on actual field conditions and, if not, perform necessary activities to base ratings on actual field conditions. The survey was done using Light Detection And Ranging ("LiDAR") technology that uses a laser to make highly accurate distance measurements. This project provided for the survey work and any mitigations that were needed to raise the facility capacity ratings if the field results were less than expected.	SPS Zonal	SR
739	Electric Transmission	SPS Major Line Rebuilds	A.0000538.024	W21 Line, ROW	1,008,059.28	265,948.22			
740	Electric Transmission	SPS Major Line Rebuilds	A.0000538.031	Z51 Line Rebuild PH-1	2,823,244.96	744,834.13			
741	Electric Transmission	SPS Major Line Rebuilds	A.0000538.031	Z51 Line Rebuild PH-1	968,132.85	255,414.75			
742	Electric Transmission	SPS Major Line Rebuilds	A.0000538.041	V16 Rbld FM 2196-Hwy 82, Line	3,731,561.68	984,468.07			
743	Electric Transmission	SPS Major Line Rebuilds	A.0000538.041	V16 Rbld FM 2196-Hwy 82, Line	1,308,389.81	345,182.02			
744	Electric Transmission	SPS Major Line Rebuilds	A.0000538.044	T04 Str Raise, Z51 Rbld PH1	83,367.52	21,994.19			
745	Electric Transmission	SPS Major Line Rebuilds	A.0000538.044	T04 Str Raise, Z51 Rbld PH1	20,850.27	5,500.76			
746	Electric Transmission	SPS Major Line Rebuilds	A.0000538.045	V02 Tline Highland Park, ROW	47,358.09	12,494.11			
747	Electric Transmission	SPS Major Line Rebuilds Total			9,990,964.46	2,635,836.24	This project group provides funding for major transmission line rebuild projects, which include replacing substantial amounts of conductor and/or a substantial number of structures on an existing line or replacing sections or all of an existing transmission line. These transmission line rebuild projects address transmission lines that have a history of poor reliability performance because of line age and conditions issues, and lines composed of conductor and/or structures that are near the end of their useful lives.	SPS Zonal	SR
748	Electric Transmission	SPS Major Line Refurbishment	A.0000469.018	U12 Reconductor	-35,271.28	-9,305.34			
749	Electric Transmission	SPS Major Line Refurbishment	A.0000469.018	U12 Reconductor	-5,868.04	-1,548.12			
750	Electric Transmission	SPS Major Line Refurbishment	A.0000469.019	J01 Rplc Insulators	56,518.73	14,910.88			
751	Electric Transmission	SPS Major Line Refurbishment	A.0000469.019	J01 Rplc Insulators	26,936.03	7,106.32			
752	Electric Transmission	SPS Major Line Refurbishment Total			42,315.44	11,163.74	This project funded major transmission line refurbishments which included projects with a large quantity of end of life replacements of transmission line components, predominantly wood crossarm and wood pole/structure replacements. These components were identified as showing signs of deterioration where failure was likely during a minor or major storm. Major line refurbishment projects also include any major projects that do not involve complete rebuilds of sections of lines, including reconductor projects, re-insulation projects, complete structure replacements (without reconductoring), and so forth. This work was done on multiple transmission lines as part of a multi-year program.	SPS Zonal	SR
753	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.025	Lamb Co Intg 115kV SPE Relay UPGS T	31,086.11	8,201.20			
754	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.025	Lamb Co Intg 115kV SPE Relay UPGS T	2,271,414.35	599,249.08			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
755	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.034	Cochran V56 Line SPE Relay Upgrades	3,290.71	868.16			
756	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.034	Cochran V56 Line SPE Relay Upgrades	34,631.11	9,136.45			
757	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.037	Terry Co SPE Relay Upgrades TX	1,192.21	314.53			
758	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.037	Terry Co SPE Relay Upgrades TX	103,569.38	27,323.88			
759	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.040	Plant X K46 Line SPE Relay Upgrades	3,747.00	988.54			
760	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.040	Plant X K46 Line SPE Relay Upgrades	39,327.73	10,375.52			
761	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.041	Wolforth Intg SPE Relay Upgrades TX	498.59	131.54			
762	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.041	Wolforth Intg SPE Relay Upgrades TX	7,115.97	1,877.35			
763	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.046	Hockley T31 Line SPE Relay Upgrades	2,727.25	719.51			
764	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.046	Hockley T31 Line SPE Relay Upgrades	28,624.77	7,551.84			
765	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.050	Denver Cty V16 SPE Relay UPGS TX	771.83	203.63			
766	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.050	Denver Cty V16 SPE Relay UPGS TX	41,662.71	10,991.54			
767	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.068	Seminole W11 SPE Relay UPGS TX	2,017.74	532.32			
768	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.068	Seminole W11 SPE Relay UPGS TX	23,309.78	6,149.63			
769	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.071	Higgs T89 SPE Relay UPGS TX	3,635.79	959.20			
770	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.071	Higgs T89 SPE Relay UPGS TX	48,315.68	12,746.74			
771	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.087	Hale Co SPE Relay UPGS TX	-160.39	-42.32			
772	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.087	Hale Co SPE Relay UPGS TX	-7,871.46	-2,076.66			
773	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.100	Amarillo South SPE Relay UPGS TX	16,522.96	4,359.12			
774	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.100	Amarillo South SPE Relay UPGS TX	320,902.36	84,661.10			
775	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.110	Maddox, SPE Relay Upgrades	296.66	78.26			
776	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.110	Maddox, SPE Relay Upgrades	106,087.42	27,988.20			
777	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.111	Taylor SS, SPE Relay Upgrades	1,889.33	498.45			
778	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.111	Taylor SS, SPE Relay Upgrades	38,551.63	10,170.77			
779	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.113	Cochran SPE Relay, REV 1	12.76	3.37			
780	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.113	Cochran SPE Relay, REV 1	1,470.59	387.97			
781	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts Total			3,124,640.57	824,348.93	This project replaced existing protective relaying systems to eliminate long clearing times inherent in these existing relaying systems. Replacement of these relaying systems addresses the compliance requirements of NERC TPL-001-4 and will eliminate the long clearing times, increasing the reliability of the system, increasing crew safety during hot line clearances, and preventing possible damage to equipment.	SPS Zonal	RE
782	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.001	SPS Sub Comm Network Group 1 L	-132.48	-34.95			
783	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.001	SPS Sub Comm Network Group 1 L	-15,302.20	-4,037.06			
784	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.001	SPS Sub Comm Network Group 1 L	-40,025.66	-10,559.65			
785	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.002	SPS Sub Comm Network Group 1 S	21.94	5.79			
786	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.002	SPS Sub Comm Network Group 1 S	1,510.93	398.62			
787	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.005	SPS Sub Comm Network Group 1 L 230k	11,713.09	3,090.17			
788	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.005	SPS Sub Comm Network Group 1 L 230k	14,168.98	3,738.09			
789	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.013	PTCO Fiber Ring Sub	0.01	0.00			
790	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.013	PTCO Fiber Ring Sub	0.03	0.01			
791	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.016	HRST-EAPL K-44 230kV Line	-290.61	-76.67			
792	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.016	HRST-EAPL K-44 230kV Line	-178.88	-47.19			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
793	Electric Transmission	SPS Sub Communication Network Group 1 Total			-28,514.85	-7,522.84	These projects provided for the construction of a fiber optics communication infrastructure within the SPS region. This first project group of a multi-year effort will start in the Amarillo area by installing Optical Ground Wire ("OPGW") in the static position on selected transmission lines to create a redundant fiber optic communication ring with access to the Amarillo Transmission Operations Center. This ring provides redundant protection paths for the line sections on which the OPGW is installed as well as provides redundant paths for the Supervisory Control And Data Acquisition ("SCADA") system.	SPS Zonal	OT
794	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.011	W77 Fiber, Line	9,803.66	2,586.42			
795	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.011	W77 Fiber, Line	5,565.41	1,468.28			
796	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.014	K10 Fiber, Line	-39,020.58	-10,294.49			
797	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.014	K10 Fiber, Line	-30,094.02	-7,939.46			
798	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.015	T25 Fiber, Line	316,902.46	83,605.84			
799	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.015	T25 Fiber, Line	377,385.55	99,562.61			
800	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.023	T71 Fiber, Line	583,194.55	153,859.55			
801	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.023	T71 Fiber, Line	751,163.29	198,173.40			
802	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.036	T75 Fiber, Line	739,291.03	195,041.24			
803	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.036	T75 Fiber, Line	454,523.28	119,913.24			
804	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.037	T72 Fiber, Line	76,977.50	20,308.36			
805	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.037	T72 Fiber, Line	549,490.73	144,967.75			
806	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.038	T27 Fiber, Line	1,409,896.63	371,961.75			
807	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.038	T27 Fiber, Line	1,336,175.58	352,512.52			
808	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.090	T74 Fiber, Line	8,382.56	2,211.50			
809	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.090	T74 Fiber, Line	19,722.06	5,203.11			
810	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.091	K31 Fiber, Line	354,136.49	93,429.00			
811	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.091	K31 Fiber, Line	159,229.42	42,008.23			
812	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.092	T79 Fiber, Line	23,866.16	6,296.42			
813	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.092	T79 Fiber, Line	118.49	31.26			
814	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.093	V44 Fiber, Line	248,774.13	65,632.09			
815	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.093	V44 Fiber, Line	495,262.71	130,661.20			
816	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.094	T86 Fiber, Line	217,767.39	57,451.83			
817	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.094	T86 Fiber, Line	54,141.64	14,283.75			
818	Electric Transmission	SPS Sub Communication Network Group 2 Total			8,122,656.12	2,142,935.39	These projects provided for the construction of a fiber optics communication infrastructure within the SPS region. This second leg is the continuation of a multi-year effort in the Amarillo area for installing Optical Ground Wire ("OPGW") in the static position on selected transmission lines to create a redundant fiber optic communication ring with access to the Amarillo Transmission Operations Center. This ring provides redundant protection paths for the line sections on which the OPGW is installed as well as provides redundant paths for the Supervisory Control And Data Acquisition ("SCADA") system.	SPS Zonal	OT
819	Electric Transmission	SPS Switch Replace	A.0000514.004	Carlsbad 115kV Switch Replacement	22.96	6.06			
820	Electric Transmission	SPS Switch Replace	A.0000514.004	Carlsbad 115kV Switch Replacement	1,423.06	375.44			
821	Electric Transmission	SPS Switch Replace	A.0000514.005	PCA V61 Sub Relay Upg-Carlsbad	-0.67	-0.18			
822	Electric Transmission	SPS Switch Replace	A.0000514.005	PCA V61 Sub Relay Upg-Carlsbad	-25.95	-6.85			

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Line No.	(A) Asset Class	(B) WBS Level 1 Project Group Name	(C) WBS Level 2 Number	(D) WBS Level 2 Description	(E) Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	(F) Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	(G) WBS Level 1 Project Group Description	(H) Cost Recovery	(I) Project Category
823	Electric Transmission	SPS Switch Replace Total			1,419.40	374.47	This project replaced switches with cap and pin insulators because these cap and pin insulators have a long history of high failure rates. The new switches installed use a better design of insulator and will provide much improved reliability over the switches they replaced.	SPS Zonal	SR
824	Electric Transmission	Sundown 115kV Capacitor Bank	A.0001295.002	Sundown 115kV Capacitor Bank	-345.64	-91.19			
825	Electric Transmission	Sundown 115kV Capacitor Bank	A.0001295.002	Sundown 115kV Capacitor Bank	-3,819.07	-1,007.55			
826	Electric Transmission	Sundown 115kV Capacitor Bank Total			-4,164.71	-1,098.74	This project replaced the 115-kV capacitor bank at Sundown Interchange that was at the end of its useful life. The protection scheme on this capacitor bank is no longer supported by the manufacturer and parts are no longer available. The capacitor bank itself was also at the end of its useful life.	SPS Zonal	SR
827	Electric Transmission	Sundown 230/115 Auto Upgrade	A.0001151.001	Sundown Transformer Upgrade	-31,342.15	-8,268.75			
828	Electric Transmission	Sundown 230/115 Auto Upgrade	A.0001151.001	Sundown Transformer Upgrade	-338,328.88	-89,258.60			
829	Electric Transmission	Sundown 230/115 Auto Upgrade Total			-369,671.03	-97,527.35	This project replaced the existing 230/115-kV, 150 MVA autotransformer at Sundown Interchange with a transformer and associate equipment having a minimum summer emergency rating of 283 MVA per SPP. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
830	Electric Transmission	T87 Upgrades	A.0001440.001	Spearman Sub, T87 Term	21.33	5.63			
831	Electric Transmission	T87 Upgrades	A.0001440.001	Spearman Sub, T87 Term	19,717.31	5,201.86			
832	Electric Transmission	T87 Upgrades	A.0001440.002	T87, Line, Str Rplemnts	9,457.84	2,495.18			
833	Electric Transmission	T87 Upgrades	A.0001440.002	T87, Line, Str Rplemnts	235.92	62.24			
834	Electric Transmission	T87 Upgrades Total			29,432.40	7,764.91	This project rebuilt approximately 1.2 miles of 115-kV line from Spearman Substation to Hansford Substation, replacing transmission line structures as needed to increase the summer emergency rating to a minimum of 233 MVA. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
835	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.002	Castro Co 115kV Sub Term Upgrade	35,733.97	9,427.41			
836	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.002	Castro Co 115kV Sub Term Upgrade	233,917.97	61,712.71			
837	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.003	Deaf Smith 115kV Sub Term Upgrade U	37,920.96	10,004.38			
838	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.003	Deaf Smith 115kV Sub Term Upgrade U	388,471.72	102,487.39			
839	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.004	Hereford 115kV Sub Term Upgrade U44	8,013.35	2,114.10			
840	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.004	Hereford 115kV Sub Term Upgrade U44	445,360.12	117,495.80			
841	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.005	Hereford NE 115kV Sub Term Upgrade	15,628.05	4,123.02			
842	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.005	Hereford NE 115kV Sub Term Upgrade	180,788.12	47,695.88			
843	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.008	Tierra Blanca 115kV Sub	2,529,431.88	667,319.78			
844	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.008	Tierra Blanca 115kV Sub	8,153,591.30	2,151,096.78			
845	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.012	U42 DSTG-TIBL 115kV T-Line	1,113,660.53	293,808.15			
846	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.012	U42 DSTG-TIBL 115kV T-Line	120,564.14	31,807.47			
847	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.013	U47 TIBL-CAWE 115kV T-line	203,327.44	53,642.25			
848	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.014	U48 TIBL-CSCO 115kV T-Line	80,578.35	21,258.34			
849	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.015	U46 TIBL-HFNE 115kV T-Line	173,302.88	45,721.11			
850	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.017	U44 TIBL-HFRD 115kV T-line	336,089.56	88,667.82			
851	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.017	U44 TIBL-HFRD 115kV T-line	310,866.83	82,013.51			
852	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.018	U43 DSTG-TIBL 115kV T-Line	327,367.08	86,366.64			
853	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.018	U43 DSTG-TIBL 115kV T-Line	257,203.10	67,855.84			
854	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.020	U45 TIBL-HFRD 115kV T-line	415,690.13	109,668.20			
855	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.020	U45 TIBL-HFRD 115kV T-line	116,234.83	30,665.31			
856	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.021	Canyon West 115kV Sub Term Upgrade	275,246.21	72,616.01			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
857	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.023	Deaf Smith 115kV Sub Term Upgrade-U	53,887.59	14,216.73			
858	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.023	Deaf Smith 115kV Sub Term Upgrade-U	575,492.88	151,827.68			
859	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.024	Hereford 115kV Sub Term Upgrade-U45	4,295.56	1,133.26			
860	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.024	Hereford 115kV Sub Term Upgrade-U45	254,866.22	67,239.32			
861	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.027	Deaf Smith 115kV Bus Split	87,212.14	23,008.48			
862	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.027	Deaf Smith 115kV Bus Split	979,650.10	258,453.25			
863	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.031	K11 Str Change W40	751,311.12	198,212.40			
864	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.031	K11 Str Change W40	167,080.16	44,079.42			
865	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.032	K21 Str Change W40	437,355.88	115,384.10			
866	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.032	K21 Str Change W40	86,593.83	22,845.36			
867	Electric Transmission	Tierra Blanca 115kV Substation Total			19,156,734.00	5,053,967.90	This project installed the transmission facilities for a new 115-kV substation named Tierra Blanca located approximately one-half mile south of Deaf Smith County Interchange and replaced the relay packages on the remote end line terminals of Deaf Smith Interchange, Hereford Interchange, Northeast Hereford Substation, Castro County Interchange and Canyon West Substation. This substation will address reliability concerns if specific identified contingencies were to occur and will provide additional capacity for future load growth in the area.	SPS Zonal	RE
868	Electric Transmission	Tip Top Solar	A.0001480.001	Tip Top Solar, RR Term TOIF	52,749.40	13,916.45			
869	Electric Transmission	Tip Top Solar	A.0001480.001	Tip Top Solar, RR Term TOIF	423,273.12	111,668.76			
870	Electric Transmission	Tip Top Solar	A.0001480.002	Tip Top Solar, RR Term, Sub	46,689.42	12,317.70			
871	Electric Transmission	Tip Top Solar	A.0001480.002	Tip Top Solar, RR Term, Sub	463,971.71	122,405.95			
872	Electric Transmission	Tip Top Solar Total			986,683.65	260,308.86	This project constructed a new 115-kV terminal at Roadrunner Substation to interconnect a new solar farm to the transmission system.	Customer Funded	GI
873	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.001	K18 230kV Re-term	142,240.77	37,526.25			
874	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.001	K18 230kV Re-term	429,580.96	113,332.91			
875	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.002	K25 230kV Re-term	341,753.49	90,162.09			
876	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.002	K25 230kV Re-term	105,218.19	27,758.87			
877	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.003	K27 230kV Re-term	-1,811,237.50	-477,844.30			
878	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.003	K27 230kV Re-term	2,891,257.56	762,777.36			
879	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.004	K30 230kV Re-term	348,982.31	92,069.21			
880	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.004	K30 230kV Re-term	111,474.81	29,409.51			
881	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.005	K37 230kV Re-term	8,212.67	2,166.68			
882	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.005	K37 230kV Re-term	3,277.78	864.75			
883	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.006	K42 230kV Re-term	121.92	32.16			
884	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.006	K42 230kV Re-term	6,566.99	1,732.52			
885	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.006	K42 230kV Re-term	1,537.02	405.50			
886	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.007	K45 230kV Re-term	47,401.85	12,505.65			
887	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.007	K45 230kV Re-term	-33,430.65	-8,819.74			
888	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.008	Lamb Co K37 Term Upgr	11,827.90	3,120.46			
889	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.008	Lamb Co K37 Term Upgr	530,153.27	139,866.10			
890	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.009	Plant X K27 Term Upgr	28,069.70	7,405.40			
891	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.009	Plant X K27 Term Upgr	210,885.27	55,636.17			
892	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.010	Plant X K45 Term Upgr	23,362.68	6,163.59			
893	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.010	Plant X K45 Term Upgr	173,439.50	45,757.16			
894	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.012	Tolk 230kV Sub	2,889,338.40	762,271.04			
895	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.012	Tolk 230kV Sub	17,316,533.24	4,568,482.46			
896	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.014	Tuco K42 Term Upgr	8,452.94	2,230.07			
897	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.014	Tuco K42 Term Upgr	238,893.97	63,025.49			
898	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.016	Roosevelt Co K18 Term Upgrds	28,437.85	7,502.53			
899	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.016	Roosevelt Co K18 Term Upgrds	192,247.85	50,719.21			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022)	Additions to Plant In-Service (July 1, 2021 - June 30, 2022)	WBS Level 1 Project Group Description	Cost Recovery	Project Category
900	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.017	Roosevelt K-30 LRU	28,257.70	7,455.00			
901	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.017	Roosevelt K-30 LRU	186,474.87	49,196.17			
902	Electric Transmission	Tolk DBDB 230kV Expansion Total			24,459,333.31	6,452,910.26	This project reconfigured the existing split-main and transfer 230-kV bus at Tolk Station to a double bus-double breaker arrangement. This project was identified in the 2016 NERC TPL-001-4 assessment and resolves the compliance issues related to NERC TPL-001-4 Category P4 (breaker failure) and P5 (non-redundancy) events, which cause the loss of both generators, both 230-kV buses and major 230-kV transmission paths through the Tolk substation, resulting in both system instability and voltage collapse. With the new double-bus, double-breaker configuration, a stuck breaker condition (Category P4) will result in the outage of only one transmission element.	SPS Zonal	RE
903	Electric Transmission	Tuco Bkr Replacements	A.0001252.002	Tuco Bkr Rple N905 & N912	307.25	81.06			
904	Electric Transmission	Tuco Bkr Replacements	A.0001252.002	Tuco Bkr Rple N905 & N912	8,754.53	2,309.64			
905	Electric Transmission	Tuco Bkr Replacements Total			9,061.78	2,390.70	This project replaced two 115-kV breakers at TUCO Substation. The 2018 NERC TPL-001-4 assessment identified that the fault current through these existing breakers were subject to short circuit currents that exceeded the breaker's short circuit interrupting capability. To achieve compliance with NERC requirements, these breakers were replaced with breakers with adequate short circuit current capability.	SPS Zonal	RE
906	Electric Transmission	TUCO Mooreland (Woodward)	A.0000665.005	TUCO Mooreland Woodward TX RO	859.98	226.88			
907	Electric Transmission	TUCO Mooreland (Woodward) Total			859.98	226.88	This project constructed a single-circuit 345-kV transmission line between the TUCO Substation, near Lubbock, Texas, and Oklahoma Gas & Electric's ("OG&E") Woodward Substation near Woodward, Oklahoma. SPS constructed the line between the TUCO Substation and OG&E's Border Substation near the Texas and Oklahoma border and OG&E constructed the line from the Border Substation to the Woodward Substation. This project was identified in the SPP's Balanced Portfolio Economic Studies. SPP issued SPS an NTC for this project.	SPP Balanced Portfolio	EC/TI
908	Electric Transmission	Tuco SVC Control and Protection Repl	A.0001176.001	Tuco SVC Sub	-9,042.55	-2,385.62			
909	Electric Transmission	Tuco SVC Control and Protection Repl	A.0001176.001	Tuco SVC Sub	-254,165.11	-67,054.35			
910	Electric Transmission	Tuco SVC Control and Protection Repl	A.0001176.002	TUCO NK80 and NK75 TERM UPGRD	-1,038.24	-273.91			
911	Electric Transmission	Tuco SVC Control and Protection Repl	A.0001176.002	TUCO NK80 and NK75 TERM UPGRD	-29,559.29	-7,798.39			
912	Electric Transmission	Tuco SVC Control and Protection Repl Total			-293,805.19	-77,512.27	This project replaced the Static VAR Compensator's (SVC) control systems, protection systems, and associated equipment. These systems were installed in 2004 and the hardware components had been failing at an increasing rate and replacement parts are no longer available. The new control and protection systems will keep this important SVC reliable and available to the system and will be serviceable for the foreseeable future.	SPS Zonal	SR
913	Electric Transmission	TX PUC-HB4150	A.0001439.002	Y50 H Bill, Line	7,000.80	1,846.96			
914	Electric Transmission	TX PUC-HB4150	A.0001439.002	Y50 H Bill, Line	809.05	213.45			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
915	Electric Transmission	TX PUC-HB4150	A.0001439.003	V40 H Bill, Line	-859.75	-226.82			
916	Electric Transmission	TX PUC-HB4150	A.0001439.003	V40 H Bill, Line	-77.98	-20.57			
917	Electric Transmission	TX PUC-HB4150	A.0001439.004	K02 H Bill, Line	370,542.98	97,757.39			
918	Electric Transmission	TX PUC-HB4150	A.0001439.004	K02 H Bill, Line	41,991.96	11,078.40			
919	Electric Transmission	TX PUC-HB4150	A.0001439.005	T31 H Bill, Line	3,267.25	861.97			
920	Electric Transmission	TX PUC-HB4150	A.0001439.005	T31 H Bill, Line	265.91	70.15			
921	Electric Transmission	TX PUC-HB4150	A.0001439.006	T07 H Bill, Line	495,849.21	130,815.93			
922	Electric Transmission	TX PUC-HB4150	A.0001439.006	T07 H Bill, Line	28,355.21	7,480.73			
923	Electric Transmission	TX PUC-HB4150	A.0001439.007	T53 H Bill, Line	105,590.25	27,857.03			
924	Electric Transmission	TX PUC-HB4150	A.0001439.007	T53 H Bill, Line	1,292.19	340.91			
925	Electric Transmission	TX PUC-HB4150	A.0001439.008	V31 H Bill, Line	237,135.92	62,561.67			
926	Electric Transmission	TX PUC-HB4150	A.0001439.008	V31 H Bill, Line	35,122.92	9,266.20			
927	Electric Transmission	TX PUC-HB4150	A.0001439.010	J15 H Bill, Line	11.22	2.96			
928	Electric Transmission	TX PUC-HB4150	A.0001439.010	J15 H Bill, Line	7.36	1.94			
929	Electric Transmission	TX PUC-HB4150	A.0001439.011	V37 H Bill, Line	156,163.95	41,199.49			
930	Electric Transmission	TX PUC-HB4150	A.0001439.011	V37 H Bill, Line	45,443.82	11,989.08			
931	Electric Transmission	TX PUC-HB4150	A.0001439.012	V79 H Bill, Line	399,500.45	105,397.01			
932	Electric Transmission	TX PUC-HB4150	A.0001439.012	V79 H Bill, Line	52,326.38	13,804.85			
933	Electric Transmission	TX PUC-HB4150	A.0001439.013	T04 H Bill, Line	126,458.89	33,362.64			
934	Electric Transmission	TX PUC-HB4150	A.0001439.013	T04 H Bill, Line	31,626.15	8,343.68			
935	Electric Transmission	TX PUC-HB4150	A.0001439.015	Z51 H Bill, Line	168,946.31	44,571.75			
936	Electric Transmission	TX PUC-HB4150	A.0001439.015	Z51 H Bill, Line	91,031.79	24,016.19			
937	Electric Transmission	TX PUC-HB4150	A.0001439.018	Y67 H Bill, Line	92,681.64	24,451.45			
938	Electric Transmission	TX PUC-HB4150	A.0001439.018	Y67 H Bill, Line	24,777.77	6,536.92			
939	Electric Transmission	TX PUC-HB4150	A.0001439.019	K31 H Bill, Line	129,922.15	34,276.32			
940	Electric Transmission	TX PUC-HB4150	A.0001439.019	K31 H Bill, Line	46,060.92	12,151.88			
941	Electric Transmission	TX PUC-HB4150	A.0001439.020	K85 H Bill, Line	64,943.71	17,133.58			
942	Electric Transmission	TX PUC-HB4150	A.0001439.020	K85 H Bill, Line	25,769.12	6,798.46			
943	Electric Transmission	TX PUC-HB4150	A.0001439.021	V29 H Bill, Line	59,126.11	15,598.77			
944	Electric Transmission	TX PUC-HB4150	A.0001439.021	V29 H Bill, Line	11,465.52	3,024.86			
945	Electric Transmission	TX PUC-HB4150	A.0001439.022	V63 Guy Str H Bill, LLine	3,277.72	864.73			
946	Electric Transmission	TX PUC-HB4150	A.0001439.022	V63 Guy Str H Bill, LLine	5,283.03	1,393.78			
947	Electric Transmission	TX PUC-HB4150 Total			2,861,109.93	754,823.75	This project funds the inspection and mitigation of SPS's 69-kV transmission lines to provide compliance to the Texas law that originated from House Bill 4150. This law requires utilities to periodically inspect transmission lines for vertical ground clearance in accordance with National Electrical Safety Code standards. Mitigations included in this project are typically the replacement of transmission structures to provide the needed additional ground clearance to meet code.	SPS Zonal	SR
948	Electric Transmission	TxDot Relocate	A.0001383.001	TxDot T 37 Relocate	-4,102,298.10	-1,082,276.49			
949	Electric Transmission	TxDot Relocate	A.0001383.001	TxDot T 37 Relocate	268,617.31	70,867.16			
950	Electric Transmission	TxDot Relocate	A.0001383.004	TxDot Z-33 Relocate	156.19	41.21			
951	Electric Transmission	TxDot Relocate	A.0001383.004	TxDot Z-33 Relocate	48.50	12.80			
952	Electric Transmission	TxDot Relocate	A.0001383.007	V50 Str TxDot Relocate	457,819.34	120,782.81			
953	Electric Transmission	TxDot Relocate	A.0001383.007	V50 Str TxDot Relocate	519,680.27	137,103.09			
954	Electric Transmission	TxDot Relocate	A.0001383.008	TxDot V50, ROW	44,735.77	11,802.28			
955	Electric Transmission	TxDot Relocate	A.0001383.009	TxDot Z-34 Relocate	228.96	60.40			
956	Electric Transmission	TxDot Relocate	A.0001383.009	TxDot Z-34 Relocate	183,851.75	48,504.14			
957	Electric Transmission	TxDot Relocate	A.0001383.010	TxDot T-47 Relocate	85,482.32	22,552.12			
958	Electric Transmission	TxDot Relocate	A.0001383.010	TxDot T-47 Relocate	9,849.52	2,598.52			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
959	Electric Transmission	TxDot Relocate Total			-2,531,828.17	-667,951.97	This project replaced transmission structures on several transmission lines to clear the right of way for a Texas Department of Transportation (TxDOT) project to construct Loop 335 on the west side of Amarillo, Texas. SPS was obligated to clear the new right of way for this state highway project. TxDOT will reimburse SPS for a portion of the project costs.	SPS Zonal/Customer Funded	OT
960	Electric Transmission	U09 Livingston Ridge to WIPP	A.0001046.002	WIPP U-09 terminal upgrade	209.73	55.33			
961	Electric Transmission	U09 Livingston Ridge to WIPP	A.0001046.002	WIPP U-09 terminal upgrade	47,181.53	12,447.53			
962	Electric Transmission	U09 Livingston Ridge to WIPP Total			47,391.26	12,502.86	This project rebuilt the 2.8-mile 115-kV line and the corresponding line terminal equipment at Livingston Ridge Substation and WIPP Substation. This work was needed to comply with an NTC from SPP requiring a minimum summer emergency rating of 172 MVA for the line and its substation terminals. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
963	Electric Transmission	V15 Tuco Indiana Rebuild	A.0001314.009	V15, ROW	943,018.36	248,788.99			
964	Electric Transmission	V15 Tuco Indiana Rebuild Total			943,018.36	248,788.99	This project was phases one and two of four of a complete wreck out and rebuild of approximately 19 miles of the double circuit line consisting of the 115-kV line V-15 and the 69-kV line Y-84. These circuits had substantial reliability issues caused by the age and condition of these facilities. This project rebuilt approximately 10 miles of existing V-15 / Y-84 double circuit transmission line between TUCO Substation and New Deal, Texas.	SPS Zonal	SR
965	Electric Transmission	V34 Str Raise LP&L	A.0001682.001	V34 Str Raise LP&L	4,480.39	1,182.03			
966	Electric Transmission	V34 Str Raise LP&L	A.0001682.001	V34 Str Raise LP&L	576.04	151.97			
967	Electric Transmission	V34 Str Raise LP&L Total			5,056.43	1,334.00	This project replaced an SPS transmission structure to provide the required clearance from a Lubbock Power & Light (LP&L) transmission line that was being upgraded from 69-kV to 115-kV. LP&L will reimburse SPS 100% of the cost of this work.	Customer Funded	OT
968	Electric Transmission	V63 Reconductor Etter Rural - Moore Co 115kV Line	A.0001050.002	Etter Rural - Moore Co 115kV, V63 R	288,551.57	76,126.25			
969	Electric Transmission	V63 Reconductor Etter Rural - Moore Co 115kV Line	A.0001050.002	Etter Rural - Moore Co 115kV, V63 R	452,918.89	119,489.97			
970	Electric Transmission	V63 Reconductor Etter Rural - Moore Co 115kV Line	A.0001050.004	Upgr Moore Co 115kV (V63) Term to E	23,375.73	6,167.03			
971	Electric Transmission	V63 Reconductor Etter Rural - Moore Co 115kV Line	A.0001050.004	Upgr Moore Co 115kV (V63) Term to E	518,262.02	136,728.92			
972	Electric Transmission	V63 Reconductor Etter Rural - Moore Co 115kV Line Total			1,283,108.21	338,512.18	This project replaced the small conductor on a 2 mile segment of transmission line V63 and replaced 5 line structures in that same two mile line segment to achieve a minimum summer emergency rating of 240 MVA for transmission line V63 per SPP. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
973	Electric Transmission	W26 Reconductor Cunningham-Monument Tap	A.0000635.001	W-26 Cunningham-Monument Tap wreck	174.26	45.97			
974	Electric Transmission	W26 Reconductor Cunningham-Monument Tap	A.0000635.001	W-26 Cunningham-Monument Tap wreck	127.92	33.75			
975	Electric Transmission	W26 Reconductor Cunningham-Monument Tap	A.0000635.001	W-26 Cunningham-Monument Tap wreck	0.84	0.22			
976	Electric Transmission	W26 Reconductor Cunningham-Monument Tap	A.0000635.003	Oil Center W-26 line terminal upgra	480.15	126.67			
977	Electric Transmission	W26 Reconductor Cunningham-Monument Tap	A.0000635.003	Oil Center W-26 line terminal upgra	279,213.40	73,662.64			
978	Electric Transmission	W26 Reconductor Cunningham-Monument Tap	A.0000635.006	Cunningham Wave Trap W26 Term	27,681.53	7,303.00			
979	Electric Transmission	W26 Reconductor Cunningham-Monument Tap	A.0000635.006	Cunningham Wave Trap W26 Term	755,339.17	199,275.09			

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
980	Electric Transmission	W26 Reconductor Cunningham-Monument Tap Total			1,063,017.27	280,447.34	This project rebuilt the 6.5-mile, 115-kV line from Cunningham Generation Plant to Monument Substation Tap to achieve a minimum summer emergency rating of 184 MVA to address regional reliability issues. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
981	Electric Transmission	W77 Canyon East Tap to Arrowhead	A.0002055.001	W77 Canyon East Tap to Arrowhead	-3,604.29	-950.89			
982	Electric Transmission	W77 Canyon East Tap to Arrowhead	A.0002055.001	W77 Canyon East Tap to Arrowhead	-1,532.95	-404.43			
983	Electric Transmission	W77 Canyon East Tap to Arrowhead Total			-5,137.24	-1,355.32	This project rebuilt 115-kV line W77 from Canyon East tap to Arrowhead substation to provide a higher line capacity. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
984	Electric Transmission	W77 T75 Reconductor Arrowhead to Randall	A.0001325.013	Randall Co Sub W77 Term Upgr	2.32	0.61			
985	Electric Transmission	W77 T75 Reconductor Arrowhead to Randall	A.0001325.013	Randall Co Sub W77 Term Upgr	92.72	24.46			
986	Electric Transmission	W77 T75 Reconductor Arrowhead to Randall Total			95.04	25.07	This project rebuilt approximately 3.5 miles of double-circuit 115-kV transmission line, W77 (Canyon-West to Randall) and T-75 (Osage to Amarillo South) with phase conductors with a minimum of 240 MVA Summer Emergency rating. This project mitigates the overload of the Randall-Canyon East 115-kV line for various outages like the Bushland Interchange to Deaf Smith County Interchange 230-kV. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
987	Electric Transmission	Westover 115k/13.2KV Substation	A.0001161.005	Coulter Relay Sub	9,863.15	2,602.12			
988	Electric Transmission	Westover 115k/13.2KV Substation	A.0001161.005	Coulter Relay Sub	456,953.14	120,554.29			
989	Electric Transmission	Westover 115k/13.2KV Substation Total			466,816.29	123,156.41	This project installed the transmission line tap from the existing 115-kV transmission line V-44 and the transmission substation components needed to provide service to the new Preston West distribution substation located in south Amarillo, Texas. SPS Distribution requested a transmission delivery point to this new substation.	SPS Zonal	LI
990	Electric Transmission	Wolfforth 230-115 Xfmr Upgrade	A.0001237.001	Wolfforth transformer upgrade 230/1	2,805.56	740.17			
991	Electric Transmission	Wolfforth 230-115 Xfmr Upgrade	A.0001237.001	Wolfforth transformer upgrade 230/1	40,061.75	10,569.17			
992	Electric Transmission	Wolfforth 230-115 Xfmr Upgrade	A.0001237.002	Wolfforth SSVT addition	-281.31	-74.21			
993	Electric Transmission	Wolfforth 230-115 Xfmr Upgrade	A.0001237.002	Wolfforth SSVT addition	-4,012.35	-1,058.55			
994	Electric Transmission	Wolfforth 230-115 Xfmr Upgrade Total			38,573.65	10,176.58	This project replaced the existing 230/115-kV, 150 MVA autotransformer at Wolfforth Interchange. SPP required that the transformer and associated equipment have a summer emergency rating of at least 196 MVA. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
995	Electric Transmission	Y58 Rebuild Ph2	A.0001427.001	Y58 PH2- BURN to ROXA	263,136.05	69,421.08			
996	Electric Transmission	Y58 Rebuild Ph2	A.0001427.001	Y58 PH2- BURN to ROXA	114,310.28	30,157.57			
997	Electric Transmission	Y58 Rebuild Ph2 Total			377,446.33	99,578.65	This project was phase two of three of a complete wreck out and rebuild of approximately 28 miles of the 69-kV transmission line Y-58 from Hutchinson County Substation to Gray County Substation. This line had substantial reliability issues because of the age and condition of the facilities.	SPS Zonal	SR
998	Electric Transmission	Z18 Tuco Hale Center Hale Co Phase 3	A.0001205.002	Z18 Tuco Hale Center Phase 3	2,605,641.88	687,425.65			
999	Electric Transmission	Z18 Tuco Hale Center Hale Co Phase 3	A.0001205.002	Z18 Tuco Hale Center Phase 3	766,327.27	202,174.00			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
1000	Electric Transmission	Z18 Tuco Hale Center Hale Co Phase 3 Total			3,371,969.15	889,599.65	This project was phase three of four of a complete wreck out and rebuild of 18.1 miles of the 69-kV Z-18 transmission line from TUCO Substation to Hale County Substation. This project was needed because the age and poor physical condition of the existing line was causing reliability issues.	SPS Zonal	SR
1001	Electric Transmission	Z18 Tuco Hale Center Phase 2	A.0001204.002	Z18 Tuco Hale Center Phase 2	16,134.12	4,256.54			
1002	Electric Transmission	Z18 Tuco Hale Center Phase 2	A.0001204.002	Z18 Tuco Hale Center Phase 2	3,873.20	1,021.84			
1003	Electric Transmission	Z18 Tuco Hale Center Phase 2 Total			20,007.32	5,278.37	This project was phase two of four of a complete wreck out and rebuild of 18.1 miles of the 69-kV Z-18 transmission line from TUCO Substation to Hale County Substation. This project was needed because the age and poor physical condition of the existing line was causing reliability issues.	SPS Zonal	SR
1004	Electric Transmission	Z18 Tuco Plainview Line	A.0001114.001	Z18 Tuco-Plainview Line Ph 4	89.64	23.65			
1005	Electric Transmission	Z18 Tuco Plainview Line	A.0001114.001	Z18 Tuco-Plainview Line Ph 4	24.13	6.37			
1006	Electric Transmission	Z18 Tuco Plainview Line Total			113.77	30.02	This project was phase four of four of a complete wreck out and rebuild of 18.1 miles of the 69-kV Z-18 transmission line from TUCO Substation to Hale County Substation. This project was needed because the age and poor physical condition of the existing line was causing reliability issues.	SPS Zonal	SR
1007	Electric Transmission Total				\$221,351,462.02	58,397,385.70			
1008	Electric General - Software	Transmission UAV Flights	A.0000855.008	SPS Transmission UAV SW	5,570,019.01	1,806,739.77			
1009	Electric General - Software	Transmission UAV Flights Total			5,570,019.01	1,806,739.77	Xcel Energy has obtained approval from the FAA for Beyond the Visual Line Of Sight (BVLOS) to fly Unmanned Aircraft Vehicles (UAV) to collect electronic data on all Transmission lines to create an electronic durable asset. The electronic durable asset is the intangible asset that will be capitalized in this UAV project. The project integrates the collected electronic durable asset data to the foundational existing Geographic Information System (GIS) model for Xcel Energy Transmission. The foundation GIS asset model is missing some of the fields needed for a complete 3D model and the UAV data being collected with this project will fill in the remaining fields. The use of UAVs for the data collection is safer than the traditional helicopter methods and allows for better data quality since it flies lower and slower above transmission lines. Electronic information/data from Transmission's GIS systems are collectively used in the modeling that aids the Transmission Business area in transmission line & substation ratings, operations and decision making.	SPS Zonal	OT
1010	Electric General - Software	TX Veg Mgmt Data Analytics-BCG	D.0001852.006	SPS Veg Mgmt Data Analytics	234,956.95	76,212.68			
1011	Electric General - Software	TX Veg Mgmt Data Analytics-BCG Total			234,956.95	76,212.68	This project represents SPS Transmission's portion of a new Vegetation Management software package. The new software provides new and increased capabilities, including a vegetation growth model, optimal annual trim projections, a vegetation clearance model, and a refined "should be" cost model. The	SPS Zonal	OT

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
1012	Electric Intangible Total				\$5,804,975.96	\$1,882,952.45			
1013	Electric General	ELR - Relay - SPS	A.0000401.051	East Plt 2K50 Relay Rplmnt Comm	13,362.34	4,334.32			
1014	Electric General	ELR - Relay - SPS	A.0000401.067	Floyd Co Y77 Z36 Relay Rplcmnts Com	9,087.26	2,947.62			
1015	Electric General	ELR - Relay - SPS Total			22,449.60	7,281.95	The term "ELR" stands for End of Life Replacement. This project replaced protective relays that had reached the end of their useful life. This work was done at several substations as part of a multi-year program to replace relays that are obsolete, for which parts are no longer available and require significant operations and maintenance spend to keep them in service.	SPS Zonal	SR
1016	Electric General	ELR RFL9300 Relays	A.0001219.042	Amoco-Wasson, K55 COMM	66.03	21.42			
1017	Electric General	ELR RFL9300 Relays Total			66.03	21.42	The term "ELR" stands for End of Life Replacement. This project replaced the RFL-9300 relay systems with new SEL-411L line current differential relay systems. The RFL-9300 hardware is obsolete and its electrical components are failing at an increasing rate. The manufacturer no longer supports this relay system and spare parts are not available. The new relay system provides high-speed tripping and faster backup tripping which eliminates the problems associated with long trip times on backup relaying when the RFL-9300 systems fail. This work was done at several transmission substations as part of a multi-year program.	SPS Zonal	SR
1018	Electric General	Fault Recorders - SPS	A.0000556.017	Jones #1 DFR	-4,938.70	-1,601.96			
1019	Electric General	Fault Recorders - SPS	A.0000556.018	Plant X 230kV DFR	-27,484.39	-8,915.08			
1020	Electric General	Fault Recorders - SPS Total			-32,423.09	-10,517.04	This project installed fault recorders for disturbance monitoring at substations.	SPS Zonal	OT
1021	Electric General	GEN 2014 040 Orion Wind	A.0001359.002	Castro Term for Orion Comm	-93,783.50	-30,420.43			
1022	Electric General	GEN 2014 040 Orion Wind Total			-93,783.50	-30,420.43	This project added a new 115-kV terminal for a wind farm interconnection.	Customer Funded	GI
1023	Electric General	General Furniture	A.0005014.109	Gen Plt Ofc Furn TX	9,198.76	2,983.79			
1024	Electric General	General Furniture Total			9,198.76	2,983.79	This project purchased furniture, typically a desk and chairs, for control houses located in transmission substations.	SPS Zonal	OT
1025	Electric General	GSEC GB NP Howard-Miami	A.0000545.007	Communication Eq	310,032.32	100,564.78			
1026	Electric General	GSEC GB NP Howard-Miami Total			310,032.32	100,564.78	This project rebuilt the existing 69-kV line with a new line using larger conductor and insulated for 115-kV in preparation for future conversion to 115-kV operation. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
1027	Electric General	Interconnection XTO BEU	A.0001384.006	XTO BEU Sub, Comm	680.59	220.76			
1028	Electric General	Interconnection XTO BEU Total			680.59	220.76	This project installed two new 115-kV service points for this customer from SPS transmission line W76. This project was required to provide service to new customer load. The customer paid for a portion of this project.	SPS Zonal/Customer Funded	LI
1029	Electric General	Interconnection XTO Cornell	A.0000888.006	Cornell Sub COMM - XTO	52,446.24	17,011.92			

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Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
1030	Electric General	Interconnection XTO Cornell Total			52,446.24	17,011.92	This project installed a new 115-kV service point for XTO's Cornell Substation from SPS transmission line U14. This project was required to provide service to new customer load and to a generator being installed by the customer. The customer paid for a portion of this project.	SPS Zonal/Customer Funded	GI/LI
1031	Electric General	Mustang - Seminole 115kV Ckt1 New Line	A.0001030.003	Mustang Sub - Comm	-108.00	-35.03			
1032	Electric General	Mustang - Seminole 115kV Ckt1 New Line Total			-108.00	-35.03	This project installed a 17-mile, 115-kV line and new line terminals at Mustang Station and Seminole Interchange. The SPP NTC required a minimum summer emergency rating of 240 MVA for the line. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
1033	Electric General	NERC TPL Relay Improvements	A.0001059.011	Crosby Co COMM	3,216.28	1,043.26			
1034	Electric General	NERC TPL Relay Improvements Total			3,216.28	1,043.26	This project installed and replaced relays to comply with the North American Electric Reliability Corporation (NERC) Transmission Planning (TPL) standards at a number of identified substations.	SPS Zonal	RE
1035	Electric General	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.112	Eddy Co 345kV Comms	2,019.59	655.09			
1036	Electric General	OPIE 2 Kiowa-Eddy Co 345kV Total			2,019.59	655.09	This project constructed a new 34-mile, 345-kV transmission line between Eddy County and Kiowa Interchanges. This project also installed a 345-kV ring bus at Eddy County Interchange and a new 345-kV terminal at Kiowa Interchange. The project was identified by SPP as needed for reliability. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
1037	Electric General	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.006	OPIE Phantom Sub COMM	1,524.38	494.46			
1038	Electric General	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.027	Phantom Sub 345kV COMM	15,541.66	5,041.23			
1039	Electric General	OPIE 3 Roadrunner-China Draw 345kV Total			17,066.04	5,535.69	This project installed the new 345/115-kV Phantom Substation as well as two new 345-kV transmission lines, a line approximately 20 miles in length from Phantom Substation to China Draw Substation and a line approximately 21 miles in length from Phantom Substation to Roadrunner Substation. The Phantom Substation was needed to serve the rapidly increasing new transmission loads in the surrounding area and the looped 345-kV lines were needed to provide the needed reliability to these new loads and to the existing transmission system in the area. SPP issued SPS an NTC for this project.	SPP Base Plan	RE/LI
1040	Electric General	OT Cyber Security SPS	A.0001459.004	Amarillo South OT Cyber	5,335.22	1,730.58			
1041	Electric General	OT Cyber Security SPS	A.0001459.006	Amoco Sw Sta OT Cyber	54,598.07	17,709.90			
1042	Electric General	OT Cyber Security SPS	A.0001459.007	Amoco Wasson OT Cyber	25,714.08	8,340.84			
1043	Electric General	OT Cyber Security SPS	A.0001459.008	Andrews OT Cyber	19,565.99	6,346.59			
1044	Electric General	OT Cyber Security SPS	A.0001459.009	Atoka OT Cyber	20,978.87	6,804.89			
1045	Electric General	OT Cyber Security SPS	A.0001459.010	Bailey OT Cyber	11,863.06	3,848.01			
1046	Electric General	OT Cyber Security SPS	A.0001459.011	Blackhawk OT Cyber	11,896.62	3,858.89			
1047	Electric General	OT Cyber Security SPS	A.0001459.012	Blanco OT Cyber	42,669.03	13,840.50			
1048	Electric General	OT Cyber Security SPS	A.0001459.014	Bowers OT Cyber	76,489.74	24,810.88			
1049	Electric General	OT Cyber Security SPS	A.0001459.015	Bru (Oxy) OT Cyber	45,375.43	14,718.37			
1050	Electric General	OT Cyber Security SPS	A.0001459.030	Cole OT Cyber	42,578.16	13,811.02			
1051	Electric General	OT Cyber Security SPS	A.0001459.052	Finney OT Cyber	51,984.72	16,862.22			
1052	Electric General	OT Cyber Security SPS	A.0001459.067	Hitchland OT Cyber	50,030.46	16,228.31			

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Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
1053	Electric General	OT Cyber Security SPS	A.0001459.068	Bushland OT Cyber	46,854.75	15,198.21			
1054	Electric General	OT Cyber Security SPS	A.0001459.069	Canyon West OT Cyber	51,194.75	16,605.97			
1055	Electric General	OT Cyber Security SPS	A.0001459.070	Capitan OT Cyber	50,235.08	16,294.69			
1056	Electric General	OT Cyber Security SPS	A.0001459.071	Cardinal OT Cyber	50,589.26	16,409.57			
1057	Electric General	OT Cyber Security SPS	A.0001459.072	Cargill OT Cyber	52,605.34	17,063.53			
1058	Electric General	OT Cyber Security SPS	A.0001459.073	Carlisle OT Cyber	70,472.40	22,859.04			
1059	Electric General	OT Cyber Security SPS	A.0001459.074	Carlsbad OT Cyber	52,338.00	16,976.81			
1060	Electric General	OT Cyber Security SPS	A.0001459.075	Carpenter OT Cyber	59,214.30	19,207.26			
1061	Electric General	OT Cyber Security SPS	A.0001459.090	Jones OT Cyber	37,037.21	12,013.71			
1062	Electric General	OT Cyber Security SPS	A.0001459.134	Perryton OT Cyber	26,122.12	8,473.20			
1063	Electric General	OT Cyber Security SPS Total			955,742.66	310,013.00	This project improved the Operational Technology ("OT") cybersecurity at 163 SPS substations. OT cybersecurity references the software, hardware, practices, personnel, and services deployed to protect operational technology infrastructure, people, and data. A SEL RTAC device was installed at each substation to monitor and log the OT network and to provide this information to the Cyber Defense Center's centralized management platform for consolidating, monitoring, and logging data. This project addressed the identified areas of improvement needed to ensure that the OT cybersecurity program at SPS meets industry standard compliance requirements.	SPS Zonal	OT
1064	Electric General	Oxy Y79 Tap	A.0001478.004	Oxy Anton Sub, RTCA COMM	-124,265.38	-40,307.80			
1065	Electric General	Oxy Y79 Tap Total			-124,265.38	-40,307.80	This project installed a new 69-kV tap and service point on SPS transmission line Y-79 to provide service to a new Occidental Petroleum substation. This project was required to provide service to a new customer-owned substation to serve new customer load. The customer paid for a portion of this project.	SPS Zonal/Customer Funded	LI
1066	Electric General	Physical Security	A.0000710.012	Nichols Physical Security Tx Comm	174,119.14	56,478.80			
1067	Electric General	Physical Security	A.0000710.047	Harrington Phys Sec Tx Comm	182,033.64	59,046.01			
1068	Electric General	Physical Security Total			356,152.78	115,524.81	This project installed Physical Security Upgrades affecting SPS substation protection with specific work varying by substation location, current layout, and threat history. Typical security measures included the installation of equipment such as cameras and motion sensors at substations.	SPS Zonal	OT
1069	Electric General	RB - Purnell Sub	A.0001061.003	Purnell 115kV Sub	1,018.45	330.35			
1070	Electric General	RB - Purnell Sub Total			1,018.45	330.35	This project installed a new 115-kV terminal at SPS's XIT Substation to provide 115-kV service to Rita Blanca Electric Cooperative to serve new load from its new Wolves Substation.	SPS Zonal/Customer Funded	LI
1071	Electric General	RTCA-SPS	A.0001452.006	Matador COMM, RTCA	331,114.89	107,403.30			
1072	Electric General	RTCA-SPS	A.0001452.008	Sendero COMM, RTCA	52,030.67	16,877.12			
1073	Electric General	RTCA-SPS	A.0001452.010	Intrepid West COMM, RTCA	125,746.80	40,788.32			
1074	Electric General	RTCA-SPS	A.0001452.018	OXY ODC COMM, RTCA	131,418.40	42,628.01			

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Transmission Capital Additions by Project Group for the Base Period of July 1, 2021, through June 30, 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
1075	Electric General	RTCA-SPS Total			640,310.76	207,696.76	This project installed the equipment to provide real time load data from customer-owned substations to the SPS Transmission Operations Center. SPS has had customer-owned substations for many years that did not provide SPS with real time load data. When the number of these substations was small, it was only an inconvenience. However, with the number of customer-owned substations growing significantly in recent years, the issue has become significant. This real time load data from customer-owned substations is needed to perform accurate real-time analysis of Transmission system conditions and Real Time Contingency Analysis (RTCA) on the current state of the Transmission system. These analyses allow the SPS Transmission Control Center to identify, prepare for, and take action on thermal and voltage contingencies that exist on the system in real time.	SPS Zonal	RE
1076	Electric General	RTU - EMS Upgrade - SPS	A.0000588.024	Gray County RTU Rplmnt	22,182.26	7,195.23			
1077	Electric General	RTU - EMS Upgrade - SPS	A.0000588.025	Industrial RTU Rplmnt	24,650.68	7,995.91			
1078	Electric General	RTU - EMS Upgrade - SPS Total			46,832.94	15,191.14	This project replaced remote terminal units ("RTUs") that were at the end of their useful service life.	SPS Zonal	OT
1079	Electric General	S&E - SPS Sub	A.0000220.039	Cox Int COMM	380.11	123.30			
1080	Electric General	S&E - SPS Sub Total			380.11	123.30	These projects provided for the storm and emergency work orders that repaired substation facilities damaged by inclement weather and natural disasters.	SPS Zonal	SR
1081	Electric General	Security Access Control System	A.0001118.006	Lock and Key System TX	708,215.95	229,723.08			
1082	Electric General	Security Access Control System	A.0001118.007	Lock and Key System NM	28,197.83	9,146.49			
1083	Electric General	Security Access Control System	A.0001118.009	Lock and Key System OK	961.71	311.95			
1084	Electric General	Security Access Control System Total			737,375.49	239,181.52	This project replaced the existing standard locks on substation entry gates with locks that use an electronic key to restrict substation access to authorized personnel and to meet compliance requirements.	SPS Zonal	OT
1085	Electric General	SPS Checkpoint Firewalls	A.0001218.020	San Juan Mesa Com Checkpoint FW	44,680.01	14,492.80			
1086	Electric General	SPS Checkpoint Firewalls Total			44,680.01	14,492.80	This project installed firewall hardware on the fiber optics communications system, which is located on the transmission lines and substations. These firewall hardware installations were needed to provide data security for the data being transmitted over the fiber optic communication system.	SPS Zonal	OT
1087	Electric General	SPS Group 1 Switch Replacements	A.0000153.010	Z08 MOD 4744 and 4788 Comm	92,341.36	29,952.65			
1088	Electric General	SPS Group 1 Switch Replacements	A.0000153.020	W24, Sw 1H101, COMM	80,496.54	26,110.56			
1089	Electric General	SPS Group 1 Switch Replacements Total			172,837.90	56,063.20	These projects replaced old high-maintenance or broken switches with new switches.	SPS Zonal	SR
1090	Electric General	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.107	Lamb Co SPE Comm	432,386.81	140,252.74			
1091	Electric General	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.108	Hockley Co SPE Comm	5,152.99	1,671.47			
1092	Electric General	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.109	Wolforth SPE Comm	243.22	78.89			
1093	Electric General	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.112	Higg, T89 Term, COMM	12,519.39	4,060.90			

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Transmission Capital Additions by Project Group for the Base Period of July 1, 2021, through June 30, 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
1094	Electric General	SPS SPE Fault Clearing Relay Rplmnts Total			450,302.41	146,064.00	This project replaced existing protective relaying systems to eliminate long clearing times inherent in these existing relaying systems. Replacement of these relaying systems addresses the compliance requirements of NERC TPL-001-4 and will eliminate the long clearing times, increasing the reliability of the system, increasing crew safety during hot line clearances, and preventing possible damage to equipment.	SPS Zonal	RE
1095	Electric General	SPS Sub Communication Network Group 1	A.0000795.003	SPS Sub Comm Network Group 1 C	309.58	100.42			
1096	Electric General	SPS Sub Communication Network Group 1	A.0000795.017	Nichols, EAPL terminal COMM	-108.00	-35.03			
1097	Electric General	SPS Sub Communication Network Group 1 Total			201.58	65.39	These projects provided for the construction of a fiber optics communication infrastructure within the SPS region. This first project group of a multi-year effort will start in the Amarillo area by installing Optical Ground Wire ("OPGW") in the static position on selected transmission lines to create a redundant fiber optic communication ring with access to the Amarillo Transmission Operations Center. This ring provides redundant protection paths for the line sections on which the OPGW is installed as well as provides redundant paths for the Supervisory Control And Data Acquisition ("SCADA") system.	SPS Zonal	OT
1098	Electric General	SPS Sub Communication Network Group 2	A.0000863.008	Northwest Sub, W46 Term, Fiber Comm	181,625.72	58,913.70			
1099	Electric General	SPS Sub Communication Network Group 2	A.0000863.009	Rolling Hills Sub, W46 Term, Fiber	90,464.25	29,343.77			
1100	Electric General	SPS Sub Communication Network Group 2	A.0000863.010	Canyon East Sub, W77 Fiber COMM	188,399.60	61,110.93			
1101	Electric General	SPS Sub Communication Network Group 2	A.0000863.012	Canyon West Sub, W77 Fiber COMM	112,091.02	36,358.82			
1102	Electric General	SPS Sub Communication Network Group 2	A.0000863.013	Dawn Sub, W40 Fiber COMM	86,021.51	27,902.68			
1103	Electric General	SPS Sub Communication Network Group 2	A.0000863.016	Frankford Sub, K10 Fiber COMM	172,565.28	55,974.77			
1104	Electric General	SPS Sub Communication Network Group 2	A.0000863.017	Wolfirth Sub, K10 Fiber COMM	121,527.38	39,419.68			
1105	Electric General	SPS Sub Communication Network Group 2	A.0000863.018	Moore Co Sub, T25 Fiber COMM	217,713.32	70,619.38			
1106	Electric General	SPS Sub Communication Network Group 2	A.0000863.019	Dumas 19th St Sub, T25 Fiber COMM	147,740.49	47,922.39			
1107	Electric General	SPS Sub Communication Network Group 2	A.0000863.024	Carlisle Sub, T71 Fiber COMM	239,453.87	77,671.34			
1108	Electric General	SPS Sub Communication Network Group 2	A.0000863.025	Yuma Sub, T71 Fiber COMM	145,699.53	47,260.37			
1109	Electric General	SPS Sub Communication Network Group 2	A.0000863.043	Exell Sub, T27 Fiber, COMM	240,209.54	77,916.45			
1110	Electric General	SPS Sub Communication Network Group 2	A.0000863.044	Nichols Sub, T27 Fiber, COMM	110,613.01	35,879.40			
1111	Electric General	SPS Sub Communication Network Group 2	A.0000863.045	Fain Sub, T27 Fiber, COMM	181,744.93	58,952.36			
1112	Electric General	SPS Sub Communication Network Group 2	A.0000863.046	Arrowhead Sub, T75 Fiber, COMM	277,933.40	90,152.89			
1113	Electric General	SPS Sub Communication Network Group 2	A.0000863.049	Amarillo South Sub, T75 Fiber, COMM	140,011.67	45,415.40			
1114	Electric General	SPS Sub Communication Network Group 2	A.0000863.063	Dumas 19th St Sub, T27 Fiber COMM	195,680.65	63,472.68			
1115	Electric General	SPS Sub Communication Network Group 2	A.0000863.065	Wolfirth Sub, T72 Fiber COMM	128,940.56	41,824.28			
1116	Electric General	SPS Sub Communication Network Group 2	A.0000863.066	Yuma Sub, T72 Fiber COMM	148,162.00	48,059.11			
1117	Electric General	SPS Sub Communication Network Group 2	A.0000863.068	Osage Sub, T75 Fiber COMM	123,783.40	40,151.46			
1118	Electric General	SPS Sub Communication Network Group 2	A.0000863.071	Coulter Sub, V44 Fiber COMM	88,673.02	28,762.75			
1119	Electric General	SPS Sub Communication Network Group 2	A.0000863.072	Owens Corning, V44 Fiber COMM	75,427.98	24,466.48			
1120	Electric General	SPS Sub Communication Network Group 2	A.0000863.095	Randall Co, U41 Fiber COMM	47,669.67	15,462.55			
1121	Electric General	SPS Sub Communication Network Group 2	A.0000863.096	Hunsley Sub, U41 Fiber COMM	52,994.91	17,189.89			
1122	Electric General	SPS Sub Communication Network Group 2	A.0000863.106	Tierra Blanca, U47 Fiber COMM	41,643.87	13,507.97			
1123	Electric General	SPS Sub Communication Network Group 2	A.0000863.113	Deaf Smith U-42/43	65,249.30	21,164.83			
1124	Electric General	SPS Sub Communication Network Group 2	A.0000863.114	Estacado, V44 Fiber COMM	135,405.71	43,921.37			
1125	Electric General	SPS Sub Communication Network Group 2	A.0000863.118	Hitchland, K75 Fiber COMM	74,652.73	24,215.01			

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Transmission Capital Additions by Project Group for the Base Period of July 1, 2021, through June 30, 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
1126	Electric General	SPS Sub Communication Network Group 2 Total			3,832,098.32	1,243,012.71	These projects provided for the construction of a fiber optics communication infrastructure within the SPS region. This second leg is the continuation of a multi-year effort in the Amarillo area for installing Optical Ground Wire ("OPGW") in the static position on selected transmission lines to create a redundant fiber optic communication ring with access to the Amarillo Transmission Operations Center. This ring provides redundant protection paths for the line sections on which the OPGW is installed as well as provides redundant paths for the Supervisory Control And Data Acquisition ("SCADA") system.	SPS Zonal	OT
1127	Electric General	Synchrophasors	A.0001063.003	TX Synchrophasors	22,350.19	7,249.70			
1128	Electric General	Synchrophasors Total			22,350.19	7,249.70	This project installed synchrophasor equipment on certain existing digital fault recorders to allow for the communication of near real-time, detailed system and fault information to a centralized digital fault recorder. This near real-time data facilitates faster troubleshooting, repair and return to operation of transmission facilities. This data is also used for engineering analyses to improve grid reliability and efficiency and to lower operating costs.	SPS Zonal	OT
1129	Electric General	Teleprotection Upgrades	A.0001664.001	Coulter, Teleprotection Upgrade	40,358.20	13,090.94			
1130	Electric General	Teleprotection Upgrades	A.0001664.002	Amarillo South, Teleprotection Upgr	49,996.06	16,217.16			
1131	Electric General	Teleprotection Upgrades	A.0001664.005	East Plant, Teleprotection Upgrade	38,621.83	12,527.71			
1132	Electric General	Teleprotection Upgrades	A.0001664.006	Owens Corning, Teleprotection Upgra	29,037.53	9,418.87			
1133	Electric General	Teleprotection Upgrades	A.0001664.007	Osage, Teleprotection Upgrade	27,463.57	8,908.32			
1134	Electric General	Teleprotection Upgrades	A.0001664.008	TOLK, Teleprotection Upgrade	165,734.46	53,759.07			
1135	Electric General	Teleprotection Upgrades	A.0001664.009	CROSSROADS, Teleprotection Upgrade	298,227.03	96,735.51			
1136	Electric General	Teleprotection Upgrades	A.0001664.010	Eddy County, Teleprotection Upgrade	192,909.32	62,573.74			
1137	Electric General	Teleprotection Upgrades Total			842,348.00	273,231.32	This project installed upgraded powerline carrier protection relays on multiple transmission line terminals. The upgraded protection packages provides improved protection for the lines by using power line carrier instead of microwave communications for the primary line protection, as microwave communications in some areas are not highly reliable. This work was done at several transmission substations as part of a multi-year program.	SPS Zonal	SR
1138	Electric General	Tierra Blanca 115kV Substation	A.0001044.009	Tierra Blanca 115kV Sub Comm	338,290.71	109,730.91			
1139	Electric General	Tierra Blanca 115kV Substation	A.0001044.029	Hereford Comm	137,945.56	44,745.22			
1140	Electric General	Tierra Blanca 115kV Substation Total			476,236.27	154,476.14	This project installed the transmission facilities for a new 115-kV substation named Tierra Blanca located approximately one-half mile south of Deaf Smith County Interchange and replaced the relay packages on the remote end line terminals of Deaf Smith Interchange, Hereford Interchange, Northeast Hereford Substation, Castro County Interchange and Canyon West Substation. This substation will address reliability concerns if specific identified contingencies were to occur and will provide additional capacity for future load growth in the area.	SPS Zonal	RE
1141	Electric General	Tolk DBDB 230kV Expansion	A.0001045.013	Tolk 230kV Sub COMM	359,326.79	116,554.36			

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Transmission Capital Additions by Project Group for the Base Period of July 1, 2021, through June 30, 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
1142	Electric General	Tolk DBDB 230kV Expansion Total			359,326.79	116,554.36	This project reconfigured the existing split-main and transfer 230-kV bus at Tolk Station to a double bus-double breaker arrangement. This project was identified in the 2016 NERC TPL-001-4 assessment and resolves the compliance issues related to NERC TPL-001-4 Category P4 (breaker failure) and P5 (non-redundancy) events, which cause the loss of both generators, both 230-kV buses and major 230-kV transmission paths through the Tolk substation, resulting in both system instability and voltage collapse. With the new double-bus, double-breaker configuration, a stuck breaker condition (Category P4) will result in the outage of only one transmission element.	SPS Zonal	RE
1143	Electric General	Tools - Engineering	A.0006059.436	SPS Ops Engineering Tools	46,064.58	14,941.91			
1144	Electric General	Tools - Engineering	A.0006059.436	SPS Ops Engineering Tools	567.31	184.02			
1145	Electric General	Tools - Engineering	A.0006059.436	SPS Ops Engineering Tools	105.49	34.22			
1146	Electric General	Tools - Engineering Total			46,737.37	15,160.14	This project purchased capital tools for engineering purposes, such as relays and test equipment for commissioning laboratories.	SPS Zonal	OT
1147	Electric General	Tools COM Substation	A.0006059.063	SPS Sub Comm Tool Blanket	413,227.40	134,038.03			
1148	Electric General	Tools COM Substation	A.0006059.063	SPS Sub Comm Tool Blanket	4,970.99	1,612.43			
1149	Electric General	Tools COM Substation	A.0006059.063	SPS Sub Comm Tool Blanket	924.31	299.82			
1150	Electric General	Tools COM Substation Total			419,122.70	135,950.28	This project purchased capital tools for construction and maintenance activities.	SPS Zonal	OT
1151	Electric General	Tools Line Field Ops	A.0006059.432	Tool Blanket TX Line	42,910.70	13,918.89			
1152	Electric General	Tools Line Field Ops	A.0006059.432	Tool Blanket TX Line	524.87	170.25			
1153	Electric General	Tools Line Field Ops	A.0006059.432	Tool Blanket TX Line	97.59	31.66			
1154	Electric General	Tools Line Field Ops	A.0006059.505	SPS Trans Tool Blanket	168,054.53	54,511.63			
1155	Electric General	Tools Line Field Ops	A.0006059.505	SPS Trans Tool Blanket	2,117.66	686.90			
1156	Electric General	Tools Line Field Ops	A.0006059.505	SPS Trans Tool Blanket	393.76	127.72			
1157	Electric General	Tools Line Field Ops Total			214,099.12	69,447.05	This project purchased capital tools for the construction of capital projects.	SPS Zonal	OT
1158	Electric General	Tools System Protection Comm Eng	A.0006059.088	SPS Sys Protect Comm Eng Testing Eq	5,222.30	1,693.95			
1159	Electric General	Tools System Protection Comm Eng	A.0006059.088	SPS Sys Protect Comm Eng Testing Eq	51,527.00	16,713.75			
1160	Electric General	Tools System Protection Comm Eng Total			56,749.30	18,407.70	This project purchased the equipment panels for the Substation Design, Substation Communications, and System Protection Engineering Lab. These equipment panels have been used to mount the protective relaying, communication relaying, power supplies, and metering equipment used in the lab. These panels and equipment are being used for research and development of advanced communication and protection relaying schemes as well as for event analysis and troubleshooting of field situations that require engineering support.	SPS Zonal	OT
1161	Electric General	Tools, Training Center	A.0006059.434	SPS Training Center Tools	52,324.49	16,972.43			
1162	Electric General	Tools, Training Center	A.0006059.506	SPS Training Center Equipmen	7,451.77	2,417.12			
1163	Electric General	Tools, Training Center Total			59,776.26	19,389.55	This project purchased capital tools to construct capital projects and capital tools to be used in the training center.	SPS Zonal	OT
1164	Electric General	Transportation - SPS	A.0006056.223	Fleet New Units El Trans NM	187,543.81	60,833.34			
1165	Electric General	Transportation - SPS	A.0006056.224	Fleet New Unit El Trans TX	3,910,543.25	1,268,457.79			

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Transmission Capital Additions by Project Group for the Base Period of July 1, 2021, through June 30, 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) Total Company	Additions to Plant In-Service (July 1, 2021 - June 30, 2022) New Mexico Retail	WBS Level 1 Project Group Description	Cost Recovery	Project Category
1166	Electric General	Transportation - SPS	A.0006056.333	Fleet-PHEV-SPS-TX Transmission	66,828.22	21,676.98			
1167	Electric General	Transportation - SPS Total			4,164,915.28	1,350,968.12	These projects purchased fleet vehicles for operation in the SPS area. The vehicles included automobiles, trucks, heavy vehicles such as bucket trucks, high-reach bucket trucks, hole-diggers, and trailers. Without these vehicles, crews would not have access to a predictable and reliable method of transport nor have the necessary equipment to perform needed transmission construction work.	SPS Zonal	OT
1168	Electric General	Tuco SVC Control and Protection Repl	A.0001176.003	Tuco NK80-NK75 Comm	-6,709.67	-2,176.41			
1169	Electric General	Tuco SVC Control and Protection Repl Total			-6,709.67	-2,176.41	This project replaced the Static VAR Compensator's (SVC) control systems, protection systems, and associated equipment. These systems were installed in 2004 and the hardware components had been failing at an increasing rate and replacement parts are no longer available. The new control and protection systems will keep this important SVC reliable and available to the system and will be serviceable for the foreseeable future.	SPS Zonal	SR
1170	Electric General Total				\$14,059,480.50	4,560,455.28			
1171	Grand Total				\$241,215,918.48	\$64,840,793.43			

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Transmission Capital Additions by Work Order for the Linkage Period of July 1, 2022, through June 30, 2023
Plant Additions by Asset Class and Witness

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Linkage Period Total Company	Additions to Plant-in-Service Linkage Period NM Retail
1	Electric Transmission	Miranda	OT	A.0000710.001	NM Physical Security Sub Infrastruc	Routine	803	235
2	Electric Transmission	Miranda	GI/LI	A.0000076.004	IA Tariff Fund SPS	Routine	251,733	73,611
3	Electric Transmission	Miranda	SR	A.0000153.027	V79, SW 1950	10/15/2022	88,587	25,904
4	Electric Transmission	Miranda	SR	A.0000153.028	V64, SW 1978	12/15/2022	149,368	43,678
5	Electric Transmission	Miranda	SR	A.0000153.029	V37, Str 123A-Switch	10/15/2022	74,649	21,828
6	Electric Transmission	Miranda	RE	A.0000218.004	Roswell-Capitan, Line	1/31/2014	(0)	(0)
7	Electric Transmission	Miranda	SR	A.0000220.006	SPS S&E, Sub	Routine	1,619,963	473,703
8	Electric Transmission	Miranda	SR	A.0000220.018	SPS NM S&E, Sub	Routine	891,531	260,698
9	Electric Transmission	Miranda	SR	A.0000220.024	SPS 2015 KS SE Sub	4/15/2015	2,705	791
10	Electric Transmission	Miranda	SR	A.0000220.041	Castro Co, Rplc Cap Bank	6/15/2023	1,210,141	353,864
11	Electric Transmission	Miranda	EC/TI	A.0000244.011	Hitchland to Woodward 345 kV O	Routine	(10,811)	(3,161)
12	Electric Transmission	Miranda	SR	A.0000286.005	Horz Cap and Pin Replacement TX	Routine	1,120	328
13	Electric Transmission	Miranda	SR	A.0000286.010	Sundown 115 kV Cap Bank Protect (CV	12/10/2020	1,099	321
14	Electric Transmission	Miranda	SR	A.0000286.024	Denver City Ground Grid	12/15/2022	1,378,596	403,123
15	Electric Transmission	Miranda	SR	A.0000286.025	Hale County Ground Grid	12/15/2022	890,098	260,279
16	Electric Transmission	Miranda	SR	A.0000286.026	Sundown Ground Grid	12/15/2022	1,276,982	373,409
17	Electric Transmission	Miranda	SR	A.0000286.027	Sundown Rplc CCVT T31B/V56B	10/28/2022	112,055	32,767
18	Electric Transmission	Miranda	SR	A.0000286.028	Taylor SS Rplc CCVT T13B	11/11/2022	65,406	19,126
19	Electric Transmission	Miranda	RE	A.0000290.011	Eddy County Siemens SVC HMI MOD	5/15/2020	679	199
20	Electric Transmission	Miranda	SR	A.0000303.007	SPS S&E B 230kV, Line	Routine	13,801,404	4,035,746
21	Electric Transmission	Miranda	SR	A.0000303.041	SPS S&E 115kV Line NM	Routine	8,413	2,460
22	Electric Transmission	Miranda	SR	A.0000303.042	SPS S&E 230kV Line NM	Routine	153,691	44,942
23	Electric Transmission	Miranda	SR	A.0000303.044	SPS S&E 69kV Line TX	Routine	120,041	35,102
24	Electric Transmission	Miranda	SR	A.0000303.045	SPS S&E 115kV Line TX	Routine	103,936	30,393
25	Electric Transmission	Miranda	SR	A.0000303.046	SPS S&E 345kV Line TX	Routine	94,170	27,537
26	Electric Transmission	Miranda	SR	A.0000303.049	SPS S&E 345kV Line OK	Routine	273,195	79,886
27	Electric Transmission	Miranda	SR	A.0000303.096	After Hours STORM EMERGENCY TX Line	Routine	13,948	4,079
28	Electric Transmission	Miranda	SR	A.0000303.097	T75 Str 51 Public Acc	12/15/2022	65,361	19,113
29	Electric Transmission	Miranda	SR	A.0000401.002	SPS ELR - Relays	Routine	280	82
30	Electric Transmission	Miranda	SR	A.0000401.039	Wipp Cap Bank Volt Diff NM	1/31/2017	(600)	(176)
31	Electric Transmission	Miranda	SR	A.0000401.069	Quaker T83 115kV Relay Removal	5/15/2023	149,675	43,767
32	Electric Transmission	Miranda	SR	A.0000401.072	Lubbock South 6810/6820 Relay Rplc	3/15/2021	20,188	5,903

Southwestern Public Service Company

Transmission Capital Additions by Work Order for the Linkage Period of July 1, 2022, through June 30, 2023
Plant Additions by Asset Class and Witness

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Linkage Period Total Company	Additions to Plant-in-Service Linkage Period NM Retail
33	Electric Transmission	Miranda	SR	A.0000401.073	Gaines Sub 7715/7735 Relay Upgrade	5/15/2023	575,635	168,325
34	Electric Transmission	Miranda	SR	A.0000401.074	Castro Z62/Z51/Y67 Term Relay Upgrd	3/15/2023	728,765	213,102
35	Electric Transmission	Miranda	SR	A.0000401.075	Yuma T72 Terminal Relay Upgrd	12/23/2022	479,560	140,231
36	Electric Transmission	Miranda	SR	A.0000401.079	Crosby Y84-7805 Relay Upgrd	5/11/2022	9,300	2,719
37	Electric Transmission	Miranda	SR	A.0000401.085	PCA T23 Relay Upgrd	5/13/2022	2,790	816
38	Electric Transmission	Miranda	SR	A.0000401.086	Potash T23 Relay Upgrd	5/13/2022	3,720	1,088
39	Electric Transmission	Miranda	SR	A.0000401.087	Cunningham, SEL 2BFR Rplcmnt	5/13/2022	7,440	2,176
40	Electric Transmission	Miranda	SR	A.0000401.090	Mustang, SEL 2BFR Rplcmnt	3/10/2023	1,001,141	292,749
41	Electric Transmission	Miranda	SR	A.0000401.091	Potter Co, SEL 2BFR Rplcmnt	12/16/2022	355,388	103,921
42	Electric Transmission	Miranda	SR	A.0000401.092	Sundown, SEL 2BFR Rplcmnt	5/13/2022	930	272
43	Electric Transmission	Miranda	SR	A.0000401.095	Osage T75 Relay Upgrade	11/19/2021	42,780	12,510
44	Electric Transmission	Miranda	SR	A.0000401.096	Gaines Co 69kV Rplc Bus Backup Rlys	5/15/2023	152,527	44,601
45	Electric Transmission	Miranda	SR	A.0000401.097	Roosevelt 115kV Rplc Bus Backup Rel	12/16/2022	165,330	48,345
46	Electric Transmission	Miranda	SR	A.0000401.103	Yoakum Sub, T35 Relay Upgrade	5/15/2023	348,594	101,934
47	Electric Transmission	Miranda	SR	A.0000401.104	Terry Co Sub, T35 Relay Upgrade	5/15/2023	349,250	102,126
48	Electric Transmission	Miranda	SR	A.0000401.105	Yoakum Sub, V66 Relay Upgrade	5/15/2023	361,271	105,641
49	Electric Transmission	Miranda	SR	A.0000401.106	Seagraves Sub, V66 Relay Upgrade	5/15/2023	335,352	98,062
50	Electric Transmission	Miranda	SR	A.0000401.124	Cargill Relay Upgrade, Term T58	5/15/2023	745,118	217,884
51	Electric Transmission	Miranda	SR	A.0000401.125	Hereford Relay Upgrade, Term T58	5/15/2023	649,666	189,973
52	Electric Transmission	Miranda	SR	A.0000401.146	Mustang Relay Upgrade, Term T57	5/15/2023	563,118	164,664
53	Electric Transmission	Miranda	SR	A.0000401.147	Seagraves Relay Upgrade, Term T57	5/15/2023	650,645	190,259
54	Electric Transmission	Miranda	SR	A.0000401.159	Wolfforth Relay Upgrade, Term T72	12/23/2022	477,575	139,650
55	Electric Transmission	Miranda	RE	A.0000421.008	Newhart Intg Swisher-Newhart23	12/5/2014	5	2
56	Electric Transmission	Miranda	RE	A.0000424.052	Ponderosa 115kV Sub Custer Mt	1/1/2016	564	165
57	Electric Transmission	Miranda	RE	A.0000424.183	Intercont Potash Conn 230kV Li	11/30/2015	76	22
58	Electric Transmission	Miranda	RE/LI	A.0000424.204	V21 Term Cunningham to Quahada	7/16/2015	4,151	1,214
59	Electric Transmission	Miranda	LI	A.0000424.295	V61 Line reterm, Magnum Sub	5/15/2023	529,770	154,913
60	Electric Transmission	Miranda	SR	A.0000427.001	SPS Line Capacity Line	Routine	747	218
61	Electric Transmission	Miranda	SR	A.0000427.018	T60 Reconductor	12/16/2022	1,933,002	565,240
62	Electric Transmission	Miranda	SR	A.0000427.020	W25 Carlsbad - T60.0 Rebuild	11/15/2022	215,606	63,047
63	Electric Transmission	Miranda	SR	A.0000427.021	J25 - Line Capacity	2/15/2023	109,043	31,886
64	Electric Transmission	Miranda	SR	A.0000427.023	K02 - Line Capacity	5/15/2023	80,925	23,664

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**Transmission Capital Additions by Work Order for the Linkage Period of July 1, 2022, through June 30, 2023
Plant Additions by Asset Class and Witness**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Linkage Period Total Company	Additions to Plant-in-Service Linkage Period NM Retail
65	Electric Transmission	Miranda	SR	A.0000469.017	Y66 Wreckout Rebuild	12/23/2022	1,517,511	443,744
66	Electric Transmission	Miranda	SR	A.0000469.020	Z33 Structures, Line	12/23/2022	4,575,152	1,337,846
67	Electric Transmission	Miranda	SR	A.0000469.021	Y66, ROW	Routine	22,613	6,612
68	Electric Transmission	Miranda	SR	A.0000499.004	Line ELR SPS Line	Routine	4,878,873	1,426,659
69	Electric Transmission	Miranda	SR	A.0000499.011	SPS ELR 115kV NM 2016	Routine	5,085	1,487
70	Electric Transmission	Miranda	SR	A.0000499.047	W24 Str Rpl	12/15/2020	45	13
71	Electric Transmission	Miranda	SR	A.0000499.066	Y78 Str Rpl	5/15/2023	252,670	73,885
72	Electric Transmission	Miranda	SR	A.0000499.067	Y79 Str Rpl	11/15/2022	1,941,751	567,798
73	Electric Transmission	Miranda	SR	A.0000499.068	Y89 Str Rpl	10/15/2022	271,278	79,326
74	Electric Transmission	Miranda	SR	A.0000499.071	K43 Line ELR	9/15/2022	1,226,769	358,726
75	Electric Transmission	Miranda	SR	A.0000499.090	K60 Line ELR	12/15/2022	358,513	104,835
76	Electric Transmission	Miranda	SR	A.0000499.093	Y91 LINE ELR	11/15/2022	318,914	93,255
77	Electric Transmission	Miranda	SR	A.0000499.094	Y61 LINE ELR	12/15/2022	399,996	116,965
78	Electric Transmission	Miranda	SR	A.0000499.096	V99 LINE ELR	12/15/2022	979,597	286,450
79	Electric Transmission	Miranda	SR	A.0000499.097	V31 LINE ELR	10/15/2022	301,561	88,181
80	Electric Transmission	Miranda	SR	A.0000499.100	T91 LINE ELR	6/30/2022	790	231
81	Electric Transmission	Miranda	SR	A.0000499.101	T89 LINE ELR	5/9/2022	35,748	10,453
82	Electric Transmission	Miranda	SR	A.0000499.102	T29 LINE ELR	12/15/2022	584,192	170,827
83	Electric Transmission	Miranda	SR	A.0000499.105	R05 LINE ELR	6/15/2022	10,873	3,179
84	Electric Transmission	Miranda	SR	A.0000499.106	J15-NM LINE ELR	3/15/2023	934,688	273,317
85	Electric Transmission	Miranda	SR	A.0000499.107	J15-TX LINE ELR	5/15/2023	982,356	287,256
86	Electric Transmission	Miranda	SR	A.0000499.109	J26-OK LINE ELR	12/15/2022	249,814	73,049
87	Electric Transmission	Miranda	SR	A.0000499.111	J25-KS LINE ELR	5/15/2023	520,428	152,181
88	Electric Transmission	Miranda	SR	A.0000499.112	J06 LINE ELR	12/15/2022	681,613	199,314
89	Electric Transmission	Miranda	SR	A.0000499.121	K31 Static Replace	5/15/2023	5,222,702	1,527,200
90	Electric Transmission	Miranda	SR	A.0000499.123	Z05 LINE ELR	4/15/2022	930	272
91	Electric Transmission	Miranda	SR	A.0000514.009	SPS Sub Switch Replacement	Routine	561	164
92	Electric Transmission	Miranda	GI	A.0000537.001	Novus Wind IV - Hitchland Sub	12/22/2022	1,071,709	313,385
93	Electric Transmission	Miranda	SR	A.0000538.004	T14 Maddox-W Bender-Taylor-N H	12/23/2022	9,098,326	2,660,492
94	Electric Transmission	Miranda	SR	A.0000538.022	W17 Hardware	11/15/2022	8,388	2,453
95	Electric Transmission	Miranda	SR	A.0000538.023	W21 Eagle Crk-Eddy Co NM	12/16/2022	6,051,700	1,769,611
96	Electric Transmission	Miranda	SR	A.0000538.024	W21 Line, ROW	Routine	27,300	7,983

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Plant Additions by Asset Class and Witness

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Linkage Period Total Company	Additions to Plant-in-Service Linkage Period NM Retail
97	Electric Transmission	Miranda	SR	A.0000538.025	Z60 Line Rebuild PH-1	5/15/2023	6,183,324	1,808,100
98	Electric Transmission	Miranda	SR	A.0000538.030	Z51 Line Rebuild PH-2	11/11/2022	6,143,753	1,796,529
99	Electric Transmission	Miranda	SR	A.0000538.031	Z51 Line Rebuild PH-1	5/2/2022	5,208	1,523
100	Electric Transmission	Miranda	SR	A.0000538.032	Z51 Line Rebuild PH-3	5/15/2023	4,950,583	1,447,628
101	Electric Transmission	Miranda	SR	A.0000538.033	V02 Tline Highland Park Tap Rebuild	3/15/2023	359,475	105,116
102	Electric Transmission	Miranda	SR	A.0000538.034	Y80 REC SANDHILL TAP LINE RBLD	3/15/2023	456,603	133,518
103	Electric Transmission	Miranda	SR	A.0000538.035	Z63 Line Rebuild PH-1	5/15/2023	3,375,977	987,188
104	Electric Transmission	Miranda	SR	A.0000538.039	V16 Rblld FM 1780-CR 330	5/15/2023	5,493,692	1,606,441
105	Electric Transmission	Miranda	SR	A.0000538.040	V16 CR 330-Den Cty, Line	5/15/2023	3,872,718	1,132,443
106	Electric Transmission	Miranda	SR	A.0000538.041	V16 Rblld FM 2196-Hwy 82, Line	5/11/2022	241,800	70,706
107	Electric Transmission	Miranda	SR	A.0000538.042	V16 Rblld Hwy 82-FM 1780	12/16/2022	5,393,023	1,577,004
108	Electric Transmission	Miranda	SR	A.0000538.043	R12 Rebuild, Str 14/73	5/15/2023	698,150	204,150
109	Electric Transmission	Miranda	SR	A.0000538.044	T04 Str Raise, Z51 Rblld PH1	5/15/2022	930	272
110	Electric Transmission	Miranda	SR	A.0000538.046	K21 STR Raise	12/15/2022	166,668	48,736
111	Electric Transmission	Miranda	SR	A.0000538.049	Z33 Line Rebuild, ROW	Routine	7,000	2,047
112	Electric Transmission	Miranda	SR	A.0000538.050	K55 Structure Rplc	12/15/2022	93,613	27,374
113	Electric Transmission	Miranda	SR	A.0000538.051	U01 Structure Rplc	12/15/2022	122,306	35,764
114	Electric Transmission	Miranda	RE	A.0000540.001	Atoka-Eagle Creek 115 kV Line	12/31/2018	16,219	4,743
115	Electric Transmission	Miranda	OT	A.0000556.016	Oasis 230 115kV Fault Recorder	11/1/2019	139	41
116	Electric Transmission	Miranda	OT	A.0000556.026	Cunningham DFR, Sub	5/15/2023	464,454	135,813
117	Electric Transmission	Miranda	OT	A.0000556.027	Moore Co DFR, Sub	11/11/2022	638,942	186,837
118	Electric Transmission	Miranda	OT	A.0000556.030	Eddy Co DFR, Sub	12/15/2022	436	127
119	Electric Transmission	Miranda	OT	A.0000588.034	Allen RTU Rplcmnt, Sub	4/30/2022	72,259	21,130
120	Electric Transmission	Miranda	OT	A.0000588.035	Owens Corning RTU Rplcmnt, Sub	12/15/2022	481,241	140,723
121	Electric Transmission	Miranda	OT	A.0000588.042	Roswell City RTU Rplcmnt, SUB	11/18/2022	292,881	85,643
122	Electric Transmission	Miranda	OT	A.0000588.043	Brasher RTU Replacement, Sub	11/15/2022	93	27
123	Electric Transmission	Miranda	OT	A.0000588.045	Lyons RTU Replacement, Sub	5/5/2023	376	110
124	Electric Transmission	Miranda	OT	A.0000588.046	Sherman Co RTU Replacement, Sub	5/5/2023	376	110
125	Electric Transmission	Miranda	OT	A.0000588.047	Seagraves Intg RTU Rplc, SUB	12/16/2022	290,869	85,055
126	Electric Transmission	Miranda	RE	A.0000609.001	W26 Byrd Tap-Cooper Rch Wreckout Re	12/15/2021	55,641	16,270
127	Electric Transmission	Miranda	RE	A.0000610.002	Curry to Bailey 115kV New Line	9/30/2016	31	9
128	Electric Transmission	Miranda	RE	A.0000628.003	W26 Cooper Rch Oil Ctr Wreck Out Rb	12/31/2021	41,007	11,991

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Plant Additions by Asset Class and Witness

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Linkage Period Total Company	Additions to Plant-in-Service Linkage Period NM Retail
129	Electric Transmission	Miranda	RE	A.0000635.003	Oil Center W-26 line terminal upgra	5/12/2022	10,000	2,924
130	Electric Transmission	Miranda	RE	A.0000635.006	Cunningham Wave Trap W26 Term	4/22/2022	7,440	2,176
131	Electric Transmission	Miranda	RE	A.0000636.001	W27 Oil Center-Lea Road reconductor	3/15/2022	(2,755)	(806)
132	Electric Transmission	Miranda	SR	A.0000640.040	Lubbock South Rplc Brk 6810/6820	12/31/2021	1,015	297
133	Electric Transmission	Miranda	SR	A.0000640.043	Moore Co M952/962 Brk Rplcmnt	5/15/2023	807,053	235,995
134	Electric Transmission	Miranda	SR	A.0000640.044	Cox Sub 3830/3834 Rplcmnt	12/15/2022	898,507	262,738
135	Electric Transmission	Miranda	SR	A.0000640.047	Cochran Co, Rplc Brkr 7830	12/16/2022	494,516	144,604
136	Electric Transmission	Miranda	SR	A.0000640.048	Cochran Co, Rplc Brkr 7835	10/14/2022	530,533	155,136
137	Electric Transmission	Miranda	SR	A.0000640.049	Cochran Co, Rplc Brkr 7825	11/11/2022	495,206	144,806
138	Electric Transmission	Miranda	SR	A.0000640.050	Cochran Co, Rplc Brkr 7840	5/13/2022	1,395	408
139	Electric Transmission	Miranda	SR	A.0000640.054	Denver City, Rplc Brkr W960	12/15/2021	1	0
140	Electric Transmission	Miranda	SR	A.0000640.055	Denver City, Rplc Brkr W980	10/14/2022	522,701	152,846
141	Electric Transmission	Miranda	SR	A.0000640.056	Denver City, Rplc Brkr W990	11/11/2022	560,629	163,937
142	Electric Transmission	Miranda	SR	A.0000640.057	Bailey Co, Rplc Brkr 3860	4/15/2023	619,860	181,257
143	Electric Transmission	Miranda	SR	A.0000640.058	Bailey Co, Rplc Brkr 3867	5/15/2023	592,394	173,225
144	Electric Transmission	Miranda	SR	A.0000640.060	Carlisle, Rplc Brkr 6935	5/4/2022	9,300	2,719
145	Electric Transmission	Miranda	SR	A.0000640.062	Carlisle, Rplc Brkr 6890	3/15/2021	(49)	(14)
146	Electric Transmission	Miranda	SR	A.0000640.063	Carlisle, Rplc Brkr 6920	4/15/2022	9,300	2,719
147	Electric Transmission	Miranda	SR	A.0000640.064	Carlisle, Rplc Brkr 6995	10/14/2022	532,403	155,683
148	Electric Transmission	Miranda	SR	A.0000640.065	Carlisle, Rplc Brkr 7905	11/11/2022	646,234	188,969
149	Electric Transmission	Miranda	SR	A.0000640.066	Cochran Co, Rplc Brkr 7845	4/15/2022	3,394	992
150	Electric Transmission	Miranda	SR	A.0000640.068	Happy, Rplc Brkr 3786	12/15/2022	612,184	179,012
151	Electric Transmission	Miranda	SR	A.0000640.069	Happy, Rplc Brkr 3798	12/15/2022	485,933	142,094
152	Electric Transmission	Miranda	SR	A.0000640.070	Sundown, Rplc Brkr 6K30	10/28/2022	904,185	264,398
153	Electric Transmission	Miranda	SR	A.0000640.071	Sundown, Rplc Brkr 6K60	2/10/2023	753,651	220,379
154	Electric Transmission	Miranda	SR	A.0000640.072	Sundown, Rplc Brkr 6K15	11/18/2022	582,293	170,271
155	Electric Transmission	Miranda	SR	A.0000640.073	Sundown, Rplc Brkr 6K20	12/12/2022	914,858	267,519
156	Electric Transmission	Miranda	SR	A.0000640.074	Sundown, Rplc Brkr 6K40	2/24/2023	554,804	162,233
157	Electric Transmission	Miranda	SR	A.0000640.075	Lamb Co Rplc Brkr 9740	3/3/2023	756,009	221,069
158	Electric Transmission	Miranda	SR	A.0000640.077	Lamb Co Rplc Brkr 3968	2/17/2023	776,563	227,079
159	Electric Transmission	Miranda	SR	A.0000640.085	Bushland Rplc Brkr 2K10	2/28/2023	556,357	162,687
160	Electric Transmission	Miranda	SR	A.0000640.086	Bushland Rplc Brkr 2K05	3/30/2023	559,246	163,532

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Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Linkage Period Total Company	Additions to Plant-in-Service Linkage Period NM Retail
161	Electric Transmission	Miranda	SR	A.0000640.090	Gaines Co Rplc Brkr 7700	5/15/2023	865,131	252,978
162	Electric Transmission	Miranda	SR	A.0000640.091	Gaines Co Rplc Brkr 7735	5/15/2023	392,127	114,664
163	Electric Transmission	Miranda	SR	A.0000640.093	Lamb Co Rplc Brkr 3838	10/28/2022	638,362	186,667
164	Electric Transmission	Miranda	SR	A.0000640.094	Lamb Co Rplc Brkr 3842	11/18/2022	549,438	160,664
165	Electric Transmission	Miranda	SR	A.0000640.095	Lamb Co Rplc Brkr 3846	12/16/2022	538,259	157,395
166	Electric Transmission	Miranda	SR	A.0000640.096	Lamb Co Rplc Brkr 3850	1/20/2023	924,961	270,473
167	Electric Transmission	Miranda	SR	A.0000640.097	Lamb Co Rplc Brkr 3964	2/3/2023	800,271	234,012
168	Electric Transmission	Miranda	SR	A.0000640.100	Cunningham Rplc Brkr LK50 NM	4/30/2023	789,077	230,738
169	Electric Transmission	Miranda	SR	A.0000640.101	Cunningham Rplc Brkr LK45 NM	5/15/2023	598,626	175,048
170	Electric Transmission	Miranda	SR	A.0000640.102	Terry Co, Rplc Brkr 8990	5/12/2023	571,010	166,972
171	Electric Transmission	Miranda	SR	A.0000640.103	Terry Co, Rplc Brkr 6990	3/17/2023	583,520	170,630
172	Electric Transmission	Miranda	SR	A.0000640.104	Terry Co, Rplc Brkr 6910	2/17/2023	580,547	169,761
173	Electric Transmission	Miranda	SR	A.0000640.105	Tuco, Rplc Brkr NR05	5/3/2022	8,100	2,369
174	Electric Transmission	Miranda	SR	A.0000640.107	Terry Co, Rplc Brkr 8980	4/14/2023	518,788	151,702
175	Electric Transmission	Miranda	SR	A.0000640.118	Roswell Intg, Rplc Brkr 4600	12/23/2022	537,624	157,210
176	Electric Transmission	Miranda	SR	A.0000640.119	Castro Co, Rplc Brkr 5870, 8821, 97	12/16/2022	1,292,340	377,900
177	Electric Transmission	Miranda	SR	A.0000640.120	Castro Co, Rplc Brkr 9710	12/15/2022	1	0
178	Electric Transmission	Miranda	SR	A.0000640.121	Castro Co, Rplc Brkr 8821	12/15/2022	(561)	(164)
179	Electric Transmission	Miranda	SR	A.0000640.129	Hale County, Rplc Brkr 8736	12/23/2022	573,798	167,788
180	Electric Transmission	Miranda	SR	A.0000640.130	Hale County, Rplc Brkr 8740	1/15/2023	574,982	168,134
181	Electric Transmission	Miranda	SR	A.0000640.131	Hale County, Rplc Brkr 8880	2/15/2023	576,676	168,629
182	Electric Transmission	Miranda	SR	A.0000640.132	Hale County, Rplc Brkr 8884	3/15/2023	361,363	105,668
183	Electric Transmission	Miranda	SR	A.0000640.133	Hale County, Rplc Brkr 8900	4/15/2023	577,788	168,954
184	Electric Transmission	Miranda	RE	A.0000646.014	Ochiltree - Booker, Line	6/30/2014	253	74
185	Electric Transmission	Miranda	RE	A.0000673.037	Hobbs-NM Stateline 345 kV Line	2/1/2018	(30,341)	(8,872)
186	Electric Transmission	Miranda	GI	A.0000706.001	Hitchland-New 345kV Terminal -	10/23/2017	107,401	31,406
187	Electric Transmission	Miranda	OT	A.0000710.003	SPS Physical Security Sub Infrastru	Routine	803	235
188	Electric Transmission	Miranda	OT	A.0000710.049	Hitchland Phys Sec INFR TX	12/15/2022	1,477,151	431,942
189	Electric Transmission	Miranda	OT	A.0000710.050	Hobbs Gen Phys Sec INFR TX	4/14/2023	2,870,735	839,448
190	Electric Transmission	Miranda	GI	A.0000768.002	Crosby-Blanco Retermination-11	3/23/2018	315,044	92,124
191	Electric Transmission	Miranda	SR	A.0000798.012	Cole Rpl Breaker 0845	12/16/2016	(19,636)	(5,742)
192	Electric Transmission	Miranda	SR	A.0000822.008	Bushland Rplc XFMR TR01	2/28/2023	3,545,160	1,036,660

Southwestern Public Service Company

Transmission Capital Additions by Work Order for the Linkage Period of July 1, 2022, through June 30, 2023
Plant Additions by Asset Class and Witness

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Linkage Period Total Company	Additions to Plant-in-Service Linkage Period NM Retail
193	Electric Transmission	Miranda	SR	A.0000822.009	Cunningham Rplc XFMR TR01	4/30/2023	2,992,304	874,996
194	Electric Transmission	Miranda	SR	A.0000822.010	Gaines Co Rplc XFMR TR01	5/15/2023	1,931,102	564,684
195	Electric Transmission	Miranda	SR	A.0000822.011	Lamb Co Rplc XFMR TR01	3/15/2023	3,787,550	1,107,539
196	Electric Transmission	Miranda	OT	A.0000855.004	SPS Transmission UAV	Routine	206,459	60,372
197	Electric Transmission	Miranda	OT	A.0000863.001	SPS Sub Comm Network Group 2 L	Routine	65,985	19,295
198	Electric Transmission	Miranda	OT	A.0000863.004	Eagle Creek Sub-W21 Fiber Sub	12/16/2022	339,446	99,259
199	Electric Transmission	Miranda	OT	A.0000863.007	Eddy County Sub-W21 Fiber Sub	12/16/2022	425,394	124,392
200	Electric Transmission	Miranda	OT	A.0000863.015	T25 Fiber, Line	5/13/2022	9,086	2,657
201	Electric Transmission	Miranda	OT	A.0000863.020	T29 Fiber, Line	12/16/2022	1,458,778	426,569
202	Electric Transmission	Miranda	OT	A.0000863.034	V14 Fiber, Line	5/15/2023	1,414,494	413,620
203	Electric Transmission	Miranda	OT	A.0000863.061	U36 Fiber, Line	12/31/2021	0	0
204	Electric Transmission	Miranda	OT	A.0000863.062	U37 Fiber, Line	12/31/2021	(1)	(0)
205	Electric Transmission	Miranda	OT	A.0000863.073	V37 Fiber, Line	5/15/2023	2,329,775	681,263
206	Electric Transmission	Miranda	OT	A.0000863.076	T36 Fiber, Line	10/14/2022	468,571	137,018
207	Electric Transmission	Miranda	OT	A.0000863.089	T28 Fiber, Line	12/16/2022	481,848	140,900
208	Electric Transmission	Miranda	OT	A.0000863.091	K31 Fiber, Line	5/13/2023	98,305	28,746
209	Electric Transmission	Miranda	OT	A.0000863.093	V44 Fiber, Line	4/7/2022	3,461	1,012
210	Electric Transmission	Miranda	OT	A.0000863.094	T86 Fiber, Line	4/7/2022	5,856	1,712
211	Electric Transmission	Miranda	OT	A.0000863.129	K30 Fiber - V12, Line	5/15/2023	1,663,110	486,319
212	Electric Transmission	Miranda	OT	A.0000863.130	V12 Fiber - K30, Line	5/15/2023	85,068	24,875
213	Electric Transmission	Miranda	OT	A.0000863.131	V76 Fiber, Line	12/16/2022	376,016	109,953
214	Electric Transmission	Miranda	OT	A.0000863.132	Z18 Fiber KISR ? PLWE, Line	12/16/2022	437,599	127,961
215	Electric Transmission	Miranda	OT	A.0000863.133	Z18 Fiber PLWE ? HALCO, Line	5/15/2023	1,612,524	471,527
216	Electric Transmission	Miranda	OT	A.0000863.135	V93 PTXS - PTXN Fiber, Line	10/14/2022	426,790	124,800
217	Electric Transmission	Miranda	OT	A.0000863.263	T58 Fiber, Line 2	5/15/2023	2,429,506	710,425
218	Electric Transmission	Miranda	OT	A.0000879.012	Y58 Permit Renewal	Routine	2,434	712
219	Electric Transmission	Miranda	OT	A.0000879.013	Y61 Permit Renewal	Routine	1,283	375
220	Electric Transmission	Miranda	OT	A.0000879.014	Y63 Permit Renewal	Routine	1,312	384
221	Electric Transmission	Miranda	OT	A.0000879.016	J26 Permit Renewal - OK	Routine	34	10
222	Electric Transmission	Miranda	RE	A.0001036.010	Reterm K21 at Plant X for TF2 Add	12/13/2019	3,117	911
223	Electric Transmission	Miranda	RE	A.0001045.012	Tolk 230kV Sub	6/30/2022	637,050	186,283
224	Electric Transmission	Miranda	RE	A.0001059.010	Harrington 230kV Bus Diff	5/5/2022	59,520	17,405

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Plant Additions by Asset Class and Witness

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Linkage Period Total Company	Additions to Plant-in-Service Linkage Period NM Retail
225	Electric Transmission	Miranda	SR	A.0001086.002	Repl Etter Cap Bank 1910	12/9/2022	1,377,546	402,816
226	Electric Transmission	Miranda	LI	A.0001161.001	Preston West 115/13.2KV Substation	12/15/2022	1,981,888	579,535
227	Electric Transmission	Miranda	LI	A.0001161.003	U32 115kV Coulter-Preston West Sub	10/30/2022	236,009	69,013
228	Electric Transmission	Miranda	LI	A.0001161.004	U33 115kV Owens Corning-Preston Wes	10/30/2022	245,405	71,760
229	Electric Transmission	Miranda	LI	A.0001161.005	Coulter Relay Sub	5/15/2022	6,000	1,754
230	Electric Transmission	Miranda	LI	A.0001161.006	Owens Corning Relay Sub	11/15/2022	638,800	186,795
231	Electric Transmission	Miranda	LI	A.0001161.008	V 44 Wreck Out Line	10/30/2022	58,653	17,151
232	Electric Transmission	Miranda	RE	A.0001167.039	Mustang Intg SPE Relay Upgrades TX	3/10/2023	1,250,607	365,697
233	Electric Transmission	Miranda	RE	A.0001167.082	Yoakum SPE Relay UPGS TX	5/12/2023	528,023	154,402
234	Electric Transmission	Miranda	RE	A.0001167.091	Kingsmill Intg SPE Relay UPGS TX	11/18/2022	652,990	190,944
235	Electric Transmission	Miranda	RE	A.0001167.095	Pantex North V93 SPE Relay UPGS TX	12/16/2022	1,158,909	338,883
236	Electric Transmission	Miranda	RE	A.0001167.099	Pantex South SPE Relay UPGS TX	12/16/2022	812,053	237,457
237	Electric Transmission	Miranda	RE	A.0001167.100	Amarillo South SPE Relay UPGS TX	5/13/2022	15,926	4,657
238	Electric Transmission	Miranda	RE	A.0001167.103	Potter SPE Relay UPGS TX	12/16/2022	771,258	225,528
239	Electric Transmission	Miranda	RE	A.0001167.105	Coulter SPE Relay UPGS TX	12/16/2022	705,531	206,308
240	Electric Transmission	Miranda	RE	A.0001167.114	Dumas 19th St SPE Relay	5/15/2023	623,978	182,461
241	Electric Transmission	Miranda	RE	A.0001167.115	Hockley SPE Relay	11/4/2022	840,549	245,790
242	Electric Transmission	Miranda	RE	A.0001167.120	Martin, W02 Term SPE Relay	12/16/2022	345,061	100,901
243	Electric Transmission	Miranda	RE	A.0001167.121	Cunningham SPE Relay Rplcmnts	5/15/2023	761,833	222,772
244	Electric Transmission	Miranda	RE	A.0001167.124	Eddy Co SPE Upgrade Relay	4/1/2023	691,771	202,285
245	Electric Transmission	Miranda	RE/LI	A.0001189.008	OPIE Phantom Roadrunner 345 Line J-	11/13/2021	3,000	877
246	Electric Transmission	Miranda	RE/LI	A.0001189.010	OPIE China Draw Phantom 345 Line J-	11/13/2021	3,000	877
247	Electric Transmission	Miranda	SR	A.0001205.002	Z18 Tuco Hale Center Phase 3	4/15/2022	465	136
248	Electric Transmission	Miranda	SR	A.0001219.010	T74 AMA SOUTH ELR RFL9300 SPS TX	3/15/2023	225,827	66,035
249	Electric Transmission	Miranda	SR	A.0001219.011	T78 MOORE CO ELR RFL9300 SPS TX	3/25/2022	2,790	816
250	Electric Transmission	Miranda	SR	A.0001219.013	T74 OWEND COR ELR RFL9300 SPS TX	5/15/2023	367,397	107,433
251	Electric Transmission	Miranda	SR	A.0001219.017	T79 MOORE CO ELR RFL9300 SPS TX	2/25/2022	2,790	816
252	Electric Transmission	Miranda	RE	A.0001228.005	Potter County Sub LRU	12/16/2021	8,726	2,552
253	Electric Transmission	Miranda	RE	A.0001232.002	T 97 Rebuild	4/15/2021	575	168
254	Electric Transmission	Miranda	SR	A.0001242.001	Owens Corning Cap Bank Rplmt	5/15/2023	2,367,169	692,197
255	Electric Transmission	Miranda	SR	A.0001296.003	Texas County Cap Bank	12/31/2020	65,938	19,281
256	Electric Transmission	Miranda	SR	A.0001314.006	Y84 Line, TUCO ? NEWDEAL SUB	12/16/2022	924,875	270,448

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Plant Additions by Asset Class and Witness

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Linkage Period Total Company	Additions to Plant-in-Service Linkage Period NM Retail
257	Electric Transmission	Miranda	SR	A.0001314.007	K24 Structure Raise	9/30/2022	230,245	67,327
258	Electric Transmission	Miranda	SR	A.0001314.008	V15 Tuco Indiana Line	12/16/2022	3,550,428	1,038,200
259	Electric Transmission	Miranda	SR	A.0001314.009	V15, ROW	Routine	923,415	270,021
260	Electric Transmission	Miranda	SR	A.0001318.001	V16 Terry Co Denver Cty Reblld	12/31/2021	(0)	(0)
261	Electric Transmission	Miranda	GI	A.0001351.002	Terminal Add & Cap Bank Sub	6/23/2016	43	12
262	Electric Transmission	Miranda	RE	A.0001367.001	Littlefield West Tap Rebuild Line	11/15/2022	1,886,151	551,540
263	Electric Transmission	Miranda	RE	A.0001367.002	V13, Replace Structure	11/15/2022	382,087	111,728
264	Electric Transmission	Miranda	SR	A.0001375.001	Amherst Tap Rebuild Line	10/14/2022	2,495,798	729,810
265	Electric Transmission	Miranda	SR	A.0001375.002	Amherst Tap, ROW	Routine	(439)	(128)
266	Electric Transmission	Miranda	OT	A.0001383.007	V50 Str TxDot Relocate	12/10/2021	(1,022,529)	(299,003)
267	Electric Transmission	Miranda	OT	A.0001383.008	TxDot V50, ROW	10/15/2021	(44,736)	(13,082)
268	Electric Transmission	Miranda	OT	A.0001383.009	TxDot Z-34 Relocate	12/10/2021	(197,498)	(57,751)
269	Electric Transmission	Miranda	OT	A.0001383.010	TxDot T-47 Relocate	5/10/2022	930	272
270	Electric Transmission	Miranda	LI	A.0001388.001	Hereford NE Dist Xfmr Add Tam Sub	3/31/2021	16,600	4,854
271	Electric Transmission	Miranda	LI	A.0001396.003	Legacy - Robertson ROW	Routine	5,800	1,696
272	Electric Transmission	Miranda	RE	A.0001398.001	JODW Inst 28.8 MVA Cap Bank	12/31/2021	(3)	(1)
273	Electric Transmission	Miranda	LI	A.0001414.008	Caveman T62, ROW	Routine	207	61
274	Electric Transmission	Miranda	LI	A.0001414.009	Caveman T62, Line	5/9/2022	930	272
275	Electric Transmission	Miranda	LI	A.0001414.010	Caveman T62 TLine Tap, DCP	5/15/2022	6,758	1,976
276	Electric Transmission	Miranda	SR	A.0001426.001	Y58 PH1-HTCO to BURN	12/15/2022	4,426,281	1,294,314
277	Electric Transmission	Miranda	SR	A.0001426.003	Y61 - STR Raise for Y58 Rebuild	12/15/2022	280,750	82,096
278	Electric Transmission	Miranda	SR	A.0001426.004	V35 - STR Raise for Y58 Rebuild	12/15/2022	411,027	120,191
279	Electric Transmission	Miranda	SR	A.0001428.001	Y58 PH3- ROXA to GRCO	7/15/2022	9,240,195	2,701,977
280	Electric Transmission	Miranda	SR	A.0001428.002	Y58 ROXA - GRCO, PH3 ROW	Routine	45,556	13,321
281	Electric Transmission	Miranda	LI	A.0001430.001	Hopi Sub 2nd XFMR TAM	6/17/2022	11,000	3,217
282	Electric Transmission	Miranda	RE/LI	A.0001432.006	Echo U11, Line	4/15/2023	857,811	250,837
283	Electric Transmission	Miranda	RE/LI	A.0001432.008	East Plant Rly Upgd, U11 Term	4/15/2023	398,081	116,405
284	Electric Transmission	Miranda	RE/LI	A.0001432.009	Rolling Hills Rly Upgd, U11 Term	4/15/2023	371,853	108,735
285	Electric Transmission	Miranda	SR	A.0001433.005	Lawrence Park Sub, TAM	3/10/2023	2,589,269	757,143
286	Electric Transmission	Miranda	SR	A.0001433.006	Soncy Sub Rly Rplcmnts, Z40 Term	11/11/2022	302,635	88,495
287	Electric Transmission	Miranda	SR	A.0001433.007	South Georgia Sub Rly Rplcmnts, Z23	3/10/2023	333,648	97,564
288	Electric Transmission	Miranda	SR	A.0001433.008	Coulter Sub, SEL 2506	11/11/2022	171,892	50,264

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Linkage Period Total Company	Additions to Plant-in-Service Linkage Period NM Retail
289	Electric Transmission	Miranda	LI	A.0001434.008	Nichols, V03 Relay Upgrade	4/15/2022	2,790	816
290	Electric Transmission	Miranda	SR	A.0001439.001	TX PUC-HB4150	Routine	1,233,818	360,788
291	Electric Transmission	Miranda	SR	A.0001439.012	V79 H Bill, Line	6/6/2022	10,880	3,181
292	Electric Transmission	Miranda	SR	A.0001439.013	T04 H Bill, Line	5/9/2022	1,000	292
293	Electric Transmission	Miranda	SR	A.0001439.014	Y62 H Bill, Line	10/15/2022	1,919,085	561,170
294	Electric Transmission	Miranda	SR	A.0001439.015	Z51 H Bill, Line	5/15/2022	3,133	916
295	Electric Transmission	Miranda	SR	A.0001439.016	K42 H Bill, Line	10/15/2022	162,095	47,399
296	Electric Transmission	Miranda	SR	A.0001439.017	Z62 H Bill, Line	12/15/2022	407,417	119,135
297	Electric Transmission	Miranda	SR	A.0001439.021	V29 H Bill, Line	6/30/2022	1,355	396
298	Electric Transmission	Miranda	SR	A.0001439.023	K46 H Bill, Line	10/15/2022	52,230	15,273
299	Electric Transmission	Miranda	SR	A.0001439.024	Y56 H Bill, Line	12/15/2022	921,636	269,501
300	Electric Transmission	Miranda	SR	A.0001439.025	Y93 H Bill, Line	12/15/2022	87,178	25,492
301	Electric Transmission	Miranda	SR	A.0001439.026	Y79 H Bill, Line	11/15/2022	310,075	90,671
302	Electric Transmission	Miranda	SR	A.0001439.027	V35 H Bill, Line	12/15/2022	159,228	46,561
303	Electric Transmission	Miranda	SR	A.0001439.028	Z53 H Bill, Line	12/15/2022	708,340	207,130
304	Electric Transmission	Miranda	SR	A.0001439.029	Z67 H Bill, Line	9/15/2022	118,791	34,736
305	Electric Transmission	Miranda	SR	A.0001439.030	Y59 H Bill, Line	4/15/2023	268,046	78,381
306	Electric Transmission	Miranda	SR	A.0001439.031	Y95 H Bill, Line	3/15/2023	599,403	175,275
307	Electric Transmission	Miranda	SR	A.0001439.032	Z85 H Bill, Line	9/15/2022	253,602	74,157
308	Electric Transmission	Miranda	SR	A.0001439.033	Y89 H Bill, Line	12/15/2022	937,806	274,229
309	Electric Transmission	Miranda	SR	A.0001439.034	Z46 H Bill, Line	9/15/2022	175,385	51,285
310	Electric Transmission	Miranda	SR	A.0001439.036	Z25 H Bill, Line	9/15/2022	193,443	56,566
311	Electric Transmission	Miranda	SR	A.0001439.037	T47 H Bill, Line	12/15/2022	242,569	70,931
312	Electric Transmission	Miranda	SR	A.0001439.039	T27 H Bill, Line	12/15/2022	181,728	53,140
313	Electric Transmission	Miranda	SR	A.0001439.040	K10 H Bill, Line	12/15/2022	230,477	67,395
314	Electric Transmission	Miranda	SR	A.0001439.041	U22 H Bill, Line	12/15/2022	67,535	19,748
315	Electric Transmission	Miranda	SR	A.0001439.042	Z74 H Bill, Line	3/15/2023	2,192,095	641,003
316	Electric Transmission	Miranda	SR	A.0001439.043	V13 H Bill, Line	12/15/2022	243,011	71,060
317	Electric Transmission	Miranda	SR	A.0001439.044	V43 H Bill, Line	12/15/2022	160,762	47,009
318	Electric Transmission	Miranda	SR	A.0001439.045	T08 H Bill, Line	12/15/2022	406,288	118,805
319	Electric Transmission	Miranda	SR	A.0001439.046	Z36 H Bill, Line	3/15/2023	437,736	128,001
320	Electric Transmission	Miranda	SR	A.0001439.047	T58 H Bill, Line	5/15/2023	67,610	19,770

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Linkage Period Total Company	Additions to Plant-in-Service Linkage Period NM Retail
321	Electric Transmission	Miranda	SR	A.0001439.048	W36 H Bill, Line	5/15/2023	62,814	18,368
322	Electric Transmission	Miranda	SR	A.0001439.049	V99 H Bill, Line	12/15/2022	135,203	39,535
323	Electric Transmission	Miranda	SR	A.0001439.050	Y84 H Bill, Line	12/15/2022	47,888	14,003
324	Electric Transmission	Miranda	SR	A.0001439.051	V14 H Bill, Line	12/15/2022	467,377	136,668
325	Electric Transmission	Miranda	SR	A.0001439.052	Y85 H Bill, Line	12/15/2022	47,947	14,020
326	Electric Transmission	Miranda	SR	A.0001439.053	T28 H Bill, Line	3/15/2023	108,531	31,736
327	Electric Transmission	Miranda	SR	A.0001439.054	Z71 H Bill, Line	12/15/2022	56,055	16,391
328	Electric Transmission	Miranda	SR	A.0001439.055	T68 H Bill, Line	12/15/2022	98,841	28,903
329	Electric Transmission	Miranda	SR	A.0001442.002	Potter Co Sub Erosion Mitigation	11/15/2022	3,663,824	1,071,359
330	Electric Transmission	Miranda	SR	A.0001442.005	Potter Co Erosion Mitigation, Land	7/15/2022	7,239	2,117
331	Electric Transmission	Miranda	RE	A.0001449.001	Indiana Brkrs 9925 & 9935 Split Pat	3/28/2021	98,849	28,905
332	Electric Transmission	Miranda	LI	A.0001478.005	Y79 Tap Line, ROW	1/15/2021	(3)	(1)
333	Electric Transmission	Miranda	OT	A.0001479.077	TUCO BFM	7/29/2022	19,662	5,750
334	Electric Transmission	Miranda	OT	A.0001479.078	Tierra Blanca BFM	8/19/2022	26,690	7,804
335	Electric Transmission	Miranda	GI	A.0001480.001	Tip Top Solar, RR Term TOIF	5/13/2022	9,300	2,719
336	Electric Transmission	Miranda	GI	A.0001480.002	Tip Top Solar, RR Term, Sub	5/13/2022	9,300	2,719
337	Electric Transmission	Miranda	OT	A.0001485.005	Pole Treatment Program 115kV NM	Routine	189,078	55,289
338	Electric Transmission	Miranda	SR	A.0001658.001	Eagle Creek, Sub	5/15/2023	6,088,210	1,780,288
339	Electric Transmission	Miranda	SR	A.0001658.004	W20, Line Retirement	3/30/2023	64,150	18,758
340	Electric Transmission	Miranda	SR	A.0001658.005	W92, Line Reterm	3/30/2023	186,568	54,555
341	Electric Transmission	Miranda	SR	A.0001658.006	Z08, Line Retirement	3/30/2023	30,128	8,810
342	Electric Transmission	Miranda	SR	A.0001658.007	Z56, Line Retirement	3/30/2023	31,009	9,067
343	Electric Transmission	Miranda	SR	A.0001658.008	Z75, Line Retirement	5/15/2023	18,618	5,444
344	Electric Transmission	Miranda	SR	A.0001658.009	Z89, Eagle Creek to Atoka, Line	3/30/2023	185,941	54,372
345	Electric Transmission	Miranda	SR	A.0001658.010	Z90, Eagle Creek to Roswell, Line	5/15/2023	843,568	246,672
346	Electric Transmission	Miranda	RE	A.0001668.002	Bushland Sub, K11 Term Upgrade NTC	12/15/2021	0	0
347	Electric Transmission	Miranda	RE	A.0001669.002	Lubbock South, K10 Term Upgrades NT	5/15/2022	11,718	3,427
348	Electric Transmission	Miranda	RE	A.0001670.001	K90 Upgr NTC, Line	11/15/2021	71,446	20,892
349	Electric Transmission	Miranda	RE	A.0001670.002	Potter Co, K90 Term Upgrades, NTC	12/15/2021	14,363	4,200
350	Electric Transmission	Miranda	SR	A.0001684.001	Ama N Sub Retirement	4/15/2023	139,026	40,653
351	Electric Transmission	Miranda	SR	A.0001684.002	Y66 Line Retirement	4/15/2023	66,437	19,427
352	Electric Transmission	Miranda	SR	A.0001684.003	Z34 Line Retirement	4/15/2023	173,713	50,796

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Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Linkage Period Total Company	Additions to Plant-in-Service Linkage Period NM Retail	
353	Electric Transmission	Miranda	SR	A.0001684.004	NW SS-Frying Pan Rnch-Sw 2749, Line	4/15/2023	168,562	49,290	
354	Electric Transmission	Miranda	SR	A.0001684.006	NW-SW 2749-Z91, ROW	Routine	22,000	6,433	
355	Electric Transmission	Miranda	SR	A.0001731.001	V15 Line NEW DEAL SUB-Y84.4 SHWT	12/16/2022	4,080,176	1,193,107	
356	Electric Transmission	Miranda	SR	A.0001731.002	Y84 Line, NEW DEALSUB-Y84.4 SHWT	12/16/2022	976,592	285,571	
357	Electric Transmission	Miranda	SR	A.0001732.001	V15 Line-Y84.4 SHWT TAP-STE A	5/15/2023	7,679,739	2,245,676	
358	Electric Transmission	Miranda	SR	A.0001732.002	Y84 Line, Y84.4 SHWTTAP-STE A	5/15/2023	623,532	182,330	
359	Electric Transmission	Miranda	LI	A.0001739.002	T48 Phillips, Line	5/15/2023	970,067	283,663	
360	Electric Transmission	Miranda	LI	A.0001739.004	Phillips WRB South, Sub TOIF	5/15/2023	(1,479,561)	(432,647)	
361	Electric Transmission	Miranda	LI	A.0001739.006	Pringle Rly Upgrd-Phillips 66	5/15/2023	277,477	81,138	
362	Electric Transmission	Miranda	LI	A.0001739.007	Blackhawk Rly Upgrd-Phillips 66	5/15/2023	313,665	91,721	
363	Electric Transmission	Miranda	LI	A.0001739.008	U49 Blkhwk-WRB South, TOIF Line	5/15/2023	1,847,580	540,261	
364	Electric Transmission	Miranda	LI	A.0001739.009	U50 WRB South-Prngl TOIF, Line	5/15/2023	434,088	126,934	
365	Electric Transmission	Miranda	LI	A.0001739.010	T49 Phillips Retire, Line	5/15/2023	314,403	91,936	
366	Electric Transmission	Miranda	LI	A.0001749.005	T25 TLine, TAM	5/15/2023	781,020	228,383	
367	Electric Transmission	Miranda	RE	A.0001770.001	NEF Sub, U03 Term Upgrade NTC	11/18/2022	327,977	95,906	
368	Electric Transmission	Miranda	OT	A.0001775.001	SPS Draw Swicthing Station Sale	1/31/2022	4,437	1,298	
369	Electric Transmission	Miranda	RE	A.0001798.001	T73 Switch Additions	3/15/2023	302,438	88,437	
370	Electric Transmission	Miranda	RE	A.0001828.002	Lubbock South Grd Grid Mitigation	12/15/2022	359,321	105,071	
371	Electric Transmission	Miranda	RE	A.0001873.001	Hilmar Cheese V64 Tap, Line	5/15/2023	(264,970)	(77,481)	
372	Electric Transmission	Miranda	LI	A.0001877.003	Wolverine T28 Ntwrk Upgrd, Line	5/15/2023	15,222	4,451	
373	Electric Transmission	Miranda	RE	A.0001880.002	Jones K08, Term	5/15/2023	57,184	16,721	
374	Electric Transmission	Miranda	LI	A.0001891.001	Hartmoore T47 Tap TOIF, Line	5/15/2023	(223,320)	(65,302)	
375	Electric Transmission	Miranda	SR	A.0005527.002	Coulter XFMR Oil Containment	12/16/2022	360,628	105,453	
376	Electric Transmission Total							\$264,235,982.72	\$77,266,722.68
377	Electric General	Miranda	OT	A.0000710.007	NM Physical Security Comm	Routine	200.12	70.46	
378	Electric General	Miranda	OT	A.0000710.008	SPS Physical Security Comm	Routine	802.82	282.66	
379	Electric General	Miranda	OT	A.0000710.047	Harrington Phys Sec Tx Comm	6/6/2022	7,939.00	2,795.17	
380	Electric General	Miranda	OT	A.0001459.067	Hitchland OT Cyber	6/1/2022	4,650.00	1,637.18	
381	Electric General	Miranda	OT	A.0001459.169	Tuco OT Cyber	7/15/2022	122,551.19	43,147.96	
382	Electric General	Miranda	SR	A.0000153.003	SPS Trans Switch Comm	12/5/2019	0.43	0.15	
383	Electric General	Miranda	RE	A.0000290.009	Seven Rivers Upgr Eddy Term COMM	7/30/2019	0.66	0.23	

Southwestern Public Service Company

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Plant Additions by Asset Class and Witness

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Linkage Period Total Company	Additions to Plant-in-Service Linkage Period NM Retail
384	Electric General	Miranda	SR	A.0000401.067	Floyd Co Y77 Z36 Relay Rplcmnts Com	3/23/2021	(128.70)	(45.31)
385	Electric General	Miranda	SR	A.0000401.160	TUCO Switch, COMM	3/15/2022	5,699.51	2,006.69
386	Electric General	Miranda	SR	A.0000401.161	Yuma, COMM	12/23/2022	138,869.79	48,893.43
387	Electric General	Miranda	LI	A.0000424.173	W39 Inst Switch for Enterprise	8/15/2022	144,529.57	50,886.13
388	Electric General	Miranda	OT	A.0000436.001	Amoco Switch Station-Fault Rec	12/31/2012	0.45	0.16
389	Electric General	Miranda	OT	A.0000556.023	Cunningham - DFR	3/16/2023	361.55	127.29
390	Electric General	Miranda	OT	A.0000588.017	Roswell City RTU Replacement	11/18/2022	373,130.98	131,372.38
391	Electric General	Miranda	OT	A.0000588.019	Curry County 69kV RTU Rplmnt	5/15/2023	499,291.56	175,791.14
392	Electric General	Miranda	OT	A.0000588.021	Allen RTU Rplmnt	4/15/2022	135,334.94	47,648.88
393	Electric General	Miranda	OT	A.0000588.022	Bailey County 69kV RTU Rplmnt	3/15/2023	503,277.67	177,194.57
394	Electric General	Miranda	OT	A.0000588.029	Owens Corning RTU Rplmnt	12/15/2022	544,914.21	191,854.01
395	Electric General	Miranda	OT	A.0000588.030	Seagraves Intg Sub RTU Rplmnt	12/16/2022	619,022.80	217,946.24
396	Electric General	Miranda	OT	A.0000588.038	Brasher RTU Replacement	11/15/2022	93.06	32.76
397	Electric General	Miranda	OT	A.0000588.039	Lyons RTU Replacement	5/5/2023	375.91	132.35
398	Electric General	Miranda	OT	A.0000588.040	Carson Co RTU Replacement	11/15/2022	93.06	32.76
399	Electric General	Miranda	OT	A.0000588.041	Sherman Co RTU Replacement	5/5/2023	375.91	132.35
400	Electric General	Miranda	OT	A.0000588.051	Gaines Co RTU, COMM	5/15/2023	249,712.65	87,919.11
401	Electric General	Miranda	OT	A.0000710.093	Hobbs Gen Phy Sec, COMM	4/15/2023	34,151.88	12,024.23
402	Electric General	Miranda	OT	A.0000863.003	SPS Sub Comm Network Group 2 C	Routine	6,164.62	2,170.45
403	Electric General	Miranda	OT	A.0000863.005	Eagle Creek Sub-W21 Fiber Comm	12/16/2022	238,596.60	84,005.36
404	Electric General	Miranda	OT	A.0000863.006	Eddy County Sub-W21 Fiber Comm	12/16/2022	235,455.34	82,899.38
405	Electric General	Miranda	OT	A.0000863.018	Moore Co Sub, T25 Fiber COMM	5/13/2022	1,395.00	491.15
406	Electric General	Miranda	OT	A.0000863.019	Dumas 19th St Sub, T25 Fiber COMM	5/13/2022	930.00	327.44
407	Electric General	Miranda	OT	A.0000863.021	Lamton Sub T29, W53 Fiber COMM	12/16/2022	216,785.78	76,326.18
408	Electric General	Miranda	OT	A.0000863.022	Hale Co Sub, T29 Fiber COMM	12/16/2022	214,930.04	75,672.81
409	Electric General	Miranda	OT	A.0000863.028	Deaf Smith Sub, W40 Fiber COMM	3/15/2022	842.94	296.78
410	Electric General	Miranda	OT	A.0000863.039	Hereford Sub, U-45 Terminal, COMM	12/16/2022	186,714.70	65,738.72
411	Electric General	Miranda	OT	A.0000863.040	Hereford South Sub, COMM	12/16/2022	208,463.95	73,396.22
412	Electric General	Miranda	OT	A.0000863.041	Tuco Sub, V-14 Fiber, Comm	5/15/2023	213,971.51	75,335.33
413	Electric General	Miranda	OT	A.0000863.042	Tuco Sub, V15 Fiber, COMM	5/15/2023	234,876.76	82,695.67
414	Electric General	Miranda	OT	A.0000863.043	Exell Sub, T27 Fiber, COMM	3/31/2022	5,580.00	1,964.61
415	Electric General	Miranda	OT	A.0000863.044	Nichols Sub, T27 Fiber, COMM	3/31/2022	2,325.00	818.59

Southwestern Public Service Company

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Plant Additions by Asset Class and Witness

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Linkage Period Total Company	Additions to Plant-in-Service Linkage Period NM Retail
416	Electric General	Miranda	OT	A.0000863.045	Fain Sub, T27 Fiber, COMM	3/31/2022	2,790.00	982.31
417	Electric General	Miranda	OT	A.0000863.048	Allen Sub, T83 Fiber, COMM	12/15/2021	133.50	47.00
418	Electric General	Miranda	OT	A.0000863.051	Lubbock East Sub, V14 Fiber, COMM	5/15/2023	234,705.40	82,635.34
419	Electric General	Miranda	OT	A.0000863.058	Stanton Sub, V15 Fiber, COMM	5/15/2023	307,806.63	108,372.91
420	Electric General	Miranda	OT	A.0000863.063	Dumas 19th St Sub, T27 Fiber COMM	3/31/2022	930.00	327.44
421	Electric General	Miranda	OT	A.0000863.071	Coulter Sub, V44 Fiber COMM	5/13/2022	3,720.00	1,309.74
422	Electric General	Miranda	OT	A.0000863.072	Owens Corning, V44 Fiber COMM	5/13/2022	2,790.00	982.31
423	Electric General	Miranda	OT	A.0000863.079	Plant X, V37 Fiber COMM	5/15/2023	214,122.75	75,388.58
424	Electric General	Miranda	OT	A.0000863.080	Castro Co, V37 Fiber COMM	5/15/2023	233,226.93	82,114.80
425	Electric General	Miranda	OT	A.0000863.083	Northwest, T36 Fiber COMM	10/14/2022	250,567.66	88,220.14
426	Electric General	Miranda	OT	A.0000863.084	Sunset, T36 Fiber COMM	10/14/2022	264,888.00	93,262.07
427	Electric General	Miranda	OT	A.0000863.086	Amoco Sw Sta, K03 Fiber COMM	4/15/2023	220,977.44	77,801.99
428	Electric General	Miranda	OT	A.0000863.087	Sundown Sub, K03 Fiber COMM	4/15/2023	234,155.49	82,441.73
429	Electric General	Miranda	OT	A.0000863.107	Tolk, K30 Fiber COMM	5/15/2023	227,935.98	80,251.96
430	Electric General	Miranda	OT	A.0000863.108	Bailey, V12 Fiber COMM	5/15/2023	239,276.29	84,244.67
431	Electric General	Miranda	OT	A.0000863.110	Cargill, T58 Fiber COMM	5/15/2023	218,431.50	76,905.61
432	Electric General	Miranda	OT	A.0000863.113	Deaf Smith U-42/43	5/4/2022	5,580.00	1,964.61
433	Electric General	Miranda	OT	A.0000863.114	Estacado, V44 Fiber COMM	5/13/2022	2,790.00	982.31
434	Electric General	Miranda	OT	A.0000863.115	Hale Co, Z18 Fiber COMM	5/15/2023	176,688.64	62,208.74
435	Electric General	Miranda	OT	A.0000863.116	Hereford NE, T63 Fiber COMM	12/16/2022	171,893.10	60,520.32
436	Electric General	Miranda	OT	A.0000863.117	Hereford, T58 Fiber COMM	5/15/2023	222,764.73	78,431.26
437	Electric General	Miranda	OT	A.0000863.119	Kiser, Z18 Fiber COMM	12/16/2022	218,245.97	76,840.29
438	Electric General	Miranda	OT	A.0000863.120	Kress, V76 Fiber COMM	12/16/2022	219,448.40	77,263.64
439	Electric General	Miranda	OT	A.0000863.122	Newhart, W52,W53,K88 Fiber COMM	12/16/2022	124,968.45	43,999.03
440	Electric General	Miranda	OT	A.0000863.124	Plainview West, Z18 Fiber COMM	5/15/2023	264,235.42	93,032.30
441	Electric General	Miranda	OT	A.0000863.126	Swisher Co, W53,V76 Fiber COMM	12/16/2022	216,103.61	76,086.00
442	Electric General	Miranda	RE	A.0001045.013	Tolk 230kV Sub COMM	6/30/2022	5,000.00	1,760.41
443	Electric General	Miranda	SR	A.0001086.003	Repl Etter Cap Bank 1910 COMM	12/9/2022	384,448.38	135,357.02
444	Electric General	Miranda	RE	A.0001167.108	Hockley Co SPE Comm	12/18/2020	11,907.92	4,192.55
445	Electric General	Miranda	RE	A.0001167.117	Mustang Intg, COMM	3/10/2023	77,805.22	27,393.75
446	Electric General	Miranda	RE	A.0001167.126	Pantex South SPE, COMM	12/15/2022	321,467.12	113,182.51
447	Electric General	Miranda	RE	A.0001167.127	Pantex North SPE, COMM	12/15/2022	304,713.63	107,283.92

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Plant Additions by Asset Class and Witness

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Linkage Period Total Company	Additions to Plant-in-Service Linkage Period NM Retail
448	Electric General	Miranda	LI	A.0001384.004	Inst W76 115kV Comm	4/30/2021	973.34	342.69
449	Electric General	Miranda	SR	A.0001433.009	Lawrence Park TAM Fiber, COMM	3/10/2023	723,548.78	254,747.87
450	Electric General	Miranda	SR	A.0001433.010	Soncy, COMM	11/11/2022	154,133.82	54,267.61
451	Electric General	Miranda	SR	A.0001433.011	So Georgia, COMM	3/10/2023	128,710.32	45,316.47
452	Electric General	Miranda	RE	A.0001452.002	XTO DI9 COMM, RTCA	9/15/2022	133,442.26	46,982.50
453	Electric General	Miranda	RE	A.0001452.004	IMC #1 COMM, RTCA	9/15/2022	132,361.28	46,601.91
454	Electric General	Miranda	RE	A.0001452.006	Matador COMM, RTCA	5/15/2022	4,000.00	1,408.32
455	Electric General	Miranda	RE	A.0001452.010	Intrepid West COMM, RTCA	6/30/2022	4,650.00	1,637.18
456	Electric General	Miranda	RE	A.0001452.013	OXY Permian COMM, RTCA	11/15/2022	138,734.05	48,845.64
457	Electric General	Miranda	RE	A.0001452.014	FEC CHEESE PLANT COMM, RTCA	8/30/2022	130,736.66	46,029.91
458	Electric General	Miranda	RE	A.0001452.015	FEC HOLLAND COMM, RTCA	8/30/2022	115,896.32	40,804.91
459	Electric General	Miranda	RE	A.0001452.016	FEC CLOVIS COMM, RTCA	8/30/2022	131,135.29	46,170.26
460	Electric General	Miranda	RE	A.0001452.017	FEC TUCUMCARI COMM, RTCA	8/30/2022	101,430.27	35,711.68
461	Electric General	Miranda	RE	A.0001452.018	OXY ODC COMM, RTCA	4/15/2022	2,325.00	818.59
462	Electric General	Miranda	RE	A.0001452.019	TEAGUE COMM, RTCA	12/13/2022	130,709.91	46,020.49
463	Electric General	Miranda	RE	A.0001452.020	Targa COMM, RTCA	11/15/2022	130,463.44	45,933.71
464	Electric General	Miranda	RE	A.0001452.021	West Bender COMM, RTCA	5/15/2023	133,628.98	47,048.24
465	Electric General	Miranda	RE	A.0001452.022	Cortez COMM, RTCA	5/15/2023	138,043.41	48,602.48
466	Electric General	Miranda	RE	A.0001452.023	Cooper Ranch COMM, RTCA	5/15/2023	142,614.74	50,211.96
467	Electric General	Miranda	RE	A.0001452.024	Oxy Membrane COMM, RTCA	10/15/2022	135,113.35	47,570.86
468	Electric General	Miranda	RE	A.0001452.025	Oxy North COMM, RTCA	5/15/2023	142,837.04	50,290.23
469	Electric General	Miranda	RE	A.0001452.026	Oxy West COMM, RTCA	10/15/2022	18.03	6.35
470	Electric General	Miranda	RE	A.0001452.027	Ward COMM, RTCA	12/15/2022	135,251.28	47,619.42
471	Electric General	Miranda	RE	A.0001452.028	Apache COMM, RTCA	5/15/2023	137,356.22	48,360.53
472	Electric General	Miranda	RE	A.0001452.029	Allred COMM, RTCA	5/15/2023	147,440.16	51,910.90
473	Electric General	Miranda	RE	A.0001452.032	Oxy West COMM, RTCA	10/15/2022	136,816.61	48,170.55
474	Electric General	Miranda	OT	A.0001459.030	Cole OT Cyber	5/15/2022	1,860.00	654.87
475	Electric General	Miranda	OT	A.0001459.031	Coulter OT Cyber	6/15/2023	70,366.09	24,774.57
476	Electric General	Miranda	OT	A.0001459.036	Curry OT Cyber	6/15/2023	70,366.09	24,774.57
477	Electric General	Miranda	OT	A.0001459.038	Dalhart OT Cyber	10/15/2022	70,264.63	24,738.85
478	Electric General	Miranda	OT	A.0001459.039	Dallam County OT Cyber	10/15/2022	70,264.63	24,738.85
479	Electric General	Miranda	OT	A.0001459.040	Deaf Smith County OT Cyber	3/15/2023	70,360.71	24,772.68

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Linkage Period Total Company	Additions to Plant-in-Service Linkage Period NM Retail
480	Electric General	Miranda	OT	A.0001459.045	Dumas 19th Street OT Cyber	10/15/2022	70,264.63	24,738.85
481	Electric General	Miranda	OT	A.0001459.046	Eagle Creek OT Cyber	5/15/2023	141,744.47	49,905.55
482	Electric General	Miranda	OT	A.0001459.047	East Plant OT Cyber	8/15/2022	72,164.44	25,407.74
483	Electric General	Miranda	OT	A.0001459.048	Eddy County OT Cyber	8/15/2022	100,380.79	35,342.18
484	Electric General	Miranda	OT	A.0001459.052	Finney OT Cyber	5/15/2022	6,023.00	2,120.58
485	Electric General	Miranda	OT	A.0001459.056	Grapevine OT Cyber	1/15/2023	107,934.16	38,001.58
486	Electric General	Miranda	OT	A.0001459.058	Gray OT Cyber	2/15/2023	127,356.89	44,839.96
487	Electric General	Miranda	OT	A.0001459.059	Greyhound OT Cyber	5/15/2023	70,366.09	24,774.57
488	Electric General	Miranda	OT	A.0001459.062	Happy OT Cyber	2/15/2023	127,356.89	44,839.96
489	Electric General	Miranda	OT	A.0001459.063	Harrington OT Cyber	8/15/2022	70,993.63	24,995.52
490	Electric General	Miranda	OT	A.0001459.064	Hereford OT Cyber	4/15/2023	70,366.09	24,774.57
491	Electric General	Miranda	OT	A.0001459.066	Hillside OT Cyber	10/15/2022	70,264.63	24,738.85
492	Electric General	Miranda	OT	A.0001459.074	Carlsbad OT Cyber	4/15/2022	1,860.00	654.87
493	Electric General	Miranda	OT	A.0001459.075	Carpenter OT Cyber	5/15/2022	3,520.00	1,239.33
494	Electric General	Miranda	OT	A.0001459.076	Castro County OT Cyber	4/15/2023	70,366.09	24,774.57
495	Electric General	Miranda	OT	A.0001459.077	Channing OT Cyber	1/15/2023	108,878.97	38,334.23
496	Electric General	Miranda	OT	A.0001459.080	Coburn Creek OT Cyber	4/15/2023	70,366.09	24,774.57
497	Electric General	Miranda	OT	A.0001459.081	Hobbs Gen OT Cyber	9/15/2022	91,508.96	32,218.58
498	Electric General	Miranda	OT	A.0001459.084	Howard OT Cyber	5/15/2023	70,366.09	24,774.57
499	Electric General	Miranda	OT	A.0001459.090	Jones OT Cyber	5/15/2022	4,650.00	1,637.18
500	Electric General	Miranda	OT	A.0001459.093	Kirby OT Cyber	3/15/2023	75,658.65	26,637.98
501	Electric General	Miranda	OT	A.0001459.095	Kress OT Cyber	3/15/2023	70,360.71	24,772.68
502	Electric General	Miranda	OT	A.0001459.111	Moore County OT Cyber	1/15/2023	107,922.36	37,997.43
503	Electric General	Miranda	OT	A.0001459.114	NE Hereford OT Cyber	4/15/2023	70,366.09	24,774.57
504	Electric General	Miranda	OT	A.0001459.117	Newhart OT Cyber	5/15/2023	70,366.09	24,774.57
505	Electric General	Miranda	OT	A.0001459.118	Nichols OT Cyber	8/15/2022	67,214.06	23,664.80
506	Electric General	Miranda	OT	A.0001459.120	Northwest OT Cyber	9/15/2022	71,323.09	25,111.51
507	Electric General	Miranda	OT	A.0001459.126	Outpost OT Cyber	11/15/2022	70,264.63	24,738.85
508	Electric General	Miranda	OT	A.0001459.134	Perryton OT Cyber	6/1/2022	4,650.00	1,637.18
509	Electric General	Miranda	OT	A.0001459.135	Plant X OT Cyber	10/15/2022	70,264.63	24,738.85
510	Electric General	Miranda	OT	A.0001459.137	Portales OT Cyber	6/15/2023	85,009.75	29,930.33
511	Electric General	Miranda	OT	A.0001459.139	Potter County OT Cyber	9/15/2022	69,481.07	24,462.97

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Linkage Period Total Company	Additions to Plant-in-Service Linkage Period NM Retail
512	Electric General	Miranda	OT	A.0001459.140	Pringle OT Cyber	2/15/2023	127,356.89	44,839.96
513	Electric General	Miranda	OT	A.0001459.141	Puckett West OT Cyber	9/15/2022	68,383.21	24,076.44
514	Electric General	Miranda	OT	A.0001459.146	Riverview OT Cyber	2/15/2023	127,356.89	44,839.96
515	Electric General	Miranda	OT	A.0001459.149	Roosevelt County OT Cyber	10/15/2022	70,264.63	24,738.85
516	Electric General	Miranda	OT	A.0001459.159	South Georgia OT Cyber	6/15/2023	70,366.09	24,774.57
517	Electric General	Miranda	OT	A.0001459.163	Sunset OT Cyber	9/15/2022	70,248.17	24,733.05
518	Electric General	Miranda	OT	A.0001459.164	Swisher County OT Cyber	3/15/2023	70,360.71	24,772.68
519	Electric General	Miranda	OT	A.0001459.168	Tolk OT Cyber	9/15/2022	70,248.17	24,733.05
520	Electric General	Miranda	OT	A.0001459.171	Wheeler County OT Cyber	5/15/2023	70,366.09	24,774.57
521	Electric General	Miranda	OT	A.0001459.176	XIT OT Cyber	10/15/2022	70,264.63	24,738.85
522	Electric General	Miranda	OT	A.0001459.177	Yoakum OT Cyber	7/15/2022	116,992.36	41,190.80
523	Electric General	Miranda	OT	A.0001459.179	Kiowa OT Cyber	9/15/2022	70,248.17	24,733.05
524	Electric General	Miranda	OT	A.0001459.183	Buffalo OT Cyber	5/15/2023	70,366.09	24,774.57
525	Electric General	Miranda	OT	A.0001459.185	Canyon East OT Cyber	3/15/2023	70,360.71	24,772.68
526	Electric General	Miranda	OT	A.0001459.187	Dawn OT Cyber	4/15/2023	70,366.09	24,774.57
527	Electric General	Miranda	OT	A.0001459.192	Lipscomb OT Cyber	7/15/2022	69,191.29	24,360.95
528	Electric General	Miranda	OT	A.0001459.202	Skunk Creek OT Cyber	7/15/2022	65,006.00	22,887.39
529	Electric General	Miranda	OT	A.0001459.203	Tascosa OT Cyber	1/15/2023	107,922.36	37,997.43
530	Electric General	Miranda	OT	A.0001459.204	Vega City OT Cyber	1/15/2023	107,922.36	37,997.43
531	Electric General	Miranda	OT	A.0001459.206	White Deer OT Cyber	6/15/2023	70,366.09	24,774.57
532	Electric General	Miranda	OT	A.0001459.207	Wilderado OT Cyber	11/15/2022	70,264.63	24,738.85
533	Electric General	Miranda	SR	A.0001658.003	Eagle Creek, COMM	5/15/2023	91,845.00	32,336.89
534	Electric General	Miranda	SR	A.0001664.003	South Georgia, Teleprotection Upgra	7/2/2021	0.01	0.00
535	Electric General	Miranda	SR	A.0001664.008	TOLK, Teleprotection Upgrade	6/30/2022	930.00	327.44
536	Electric General	Miranda	SR	A.0001664.009	CROSSROADS, Teleprotection Upgrade	6/30/2022	11,160.00	3,929.23
537	Electric General	Miranda	SR	A.0001664.010	Eddy County, Teleprotection Upgrade	6/30/2022	9,300.00	3,274.35
538	Electric General	Miranda	LI	A.0001739.005	Phillips WRB South, COMM TOIF	5/15/2023	342,033.03	120,423.37
539	Electric General	Miranda	RE	A.0001873.002	Hilmar Cheese RTCA, COMM	5/15/2023	71,545.94	25,189.98
540	Electric General	Miranda	OT	A.0005014.084	New Mexico Substation Furnitur	Routine	400.00	140.83
541	Electric General	Miranda	OT	A.0005014.109	Gen Plt Ofc Furn TX	Routine	6,564.29	2,311.16
542	Electric General	Miranda	OT	A.0006056.223	Fleet New Units El Trans NM	Routine	1,376,711.97	484,714.30
543	Electric General	Miranda	OT	A.0006056.224	Fleet New Unit El Trans TX	Routine	6,864,310.57	2,416,794.20

Southwestern Public Service Company

Transmission Capital Additions by Work Order for the Linkage Period of July 1, 2022, through June 30, 2023
Plant Additions by Asset Class and Witness

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Linkage Period Total Company	Additions to Plant-in-Service Linkage Period NM Retail	
544	Electric General	Miranda	OT	A.0006059.063	SPS Sub Comm Tool Blanket	Routine	2,079,714.34	732,228.17	
545	Electric General	Miranda	OT	A.0006059.088	SPS Sys Protect Comm Eng Testing Eq	Routine	48,480.68	17,069.13	
546	Electric General	Miranda	OT	A.0006059.432	Tool Blanket TX Line	Routine	240,010.40	84,503.13	
547	Electric General	Miranda	OT	A.0006059.433	Tools Training Center SPS	Routine	7.69	2.71	
548	Electric General	Miranda	OT	A.0006059.434	SPS Training Center Tools	Routine	125,004.65	44,011.78	
549	Electric General	Miranda	OT	A.0006059.436	SPS Ops Engineering Tools	Routine	132,603.24	46,687.10	
550	Electric General	Miranda	OT	A.0006059.505	SPS Trans Tool Blanket	Routine	724,070.66	254,931.61	
551	Electric General	Miranda	OT	A.0006059.506	SPS Training Center Equipmen	Routine	159,684.17	56,221.78	
552	Electric General Total							\$30,580,865.44	\$10,766,945.56
553	Electric Intangible	Miranda	OT	A.0000855.012	SPS Transmission UAV - 2022	Routine	836,133.13	294,386.69	
554	Electric Intangible Total							\$836,133.13	\$294,386.69
555	Grand Total							\$295,652,981.29	\$88,328,054.94

Southwestern Public Service Company

Transmission Capital Additions by Work Order for the Linkage Period of July 1, 2022, through June 30, 2023
Plant Additions by Project and Elements of Cost, Rule Reference 17.1.3.16

Line No.	Asset Class	Witness	WBS Level 2	Project Description (WBS Level 2 Description)	Linkage Period Total	Linkage Period Labor	Linkage Period Contract Work	Linkage Period Supplies and Materials	Linkage Period Other
1	Electric Transmission	Miranda	A.0000303.007	SPS S&E B 230kV, Line	\$ 13,801,404	\$ 1,238,941	\$ 3,927,943	\$ 1,440,163	\$ 7,194,357
2	Electric Transmission	Miranda	A.0001428.001	Y58 PH3- ROXA to GRCO	9,240,195	829,485	2,629,802	964,206	4,816,703
3	Electric Transmission	Miranda	A.0000538.004	T14 Maddox-W Bender-Taylor-N H	9,098,326	816,749	2,589,426	949,402	4,742,749
4	Electric Transmission	Miranda	A.0001732.001	V15 Line-Y84.4 SHWT TAP-STE A	7,679,739	689,404	2,185,689	801,373	4,003,273
5	Electric Transmission	Miranda	A.0000538.025	Z60 Line Rebuild PH-1	6,183,324	555,072	1,759,803	645,224	3,223,225
6	Electric Transmission	Miranda	A.0000538.030	Z51 Line Rebuild PH-2	6,143,753	551,520	1,748,540	641,095	3,202,598
7	Electric Transmission	Miranda	A.0001658.001	Eagle Creek, Sub	6,088,210	546,534	1,732,733	635,299	3,173,645
8	Electric Transmission	Miranda	A.0000538.023	W21 Eagle Crk-Eddy Co NM	6,051,700	543,256	1,722,342	631,489	3,154,613
9	Electric Transmission	Miranda	A.0000538.039	V16 Rblld FM 1780-CR 330	5,493,692	493,164	1,563,530	573,262	2,863,736
10	Electric Transmission	Miranda	A.0000538.042	V16 Rblld Hwy 82-FM 1780	5,393,023	484,127	1,534,879	562,757	2,811,260
11	Electric Transmission	Miranda	A.0000499.121	K31 Static Replace	5,222,702	468,838	1,486,405	544,984	2,722,475
12	Electric Transmission	Miranda	A.0000538.032	Z51 Line Rebuild PH-3	4,950,583	444,410	1,408,959	516,589	2,580,626
13	Electric Transmission	Miranda	A.0000499.004	Line ELR SPS Line	4,878,873	437,972	1,388,550	509,106	2,543,245
14	Electric Transmission	Miranda	A.0000469.020	Z33 Structures, Line	4,575,152	410,708	1,302,109	477,413	2,384,922
15	Electric Transmission	Miranda	A.0001426.001	Y58 PH1-HTCO to BURN	4,426,281	397,344	1,259,740	461,878	2,307,319
16	Electric Transmission	Miranda	A.0001731.001	V15 Line NEW DEAL SUB-Y84.4 SHWT	4,080,176	366,274	1,161,237	425,763	2,126,903
17	Electric Transmission	Miranda	A.0000538.040	V16 CR 330-Den Cty, Line	3,872,718	347,651	1,102,194	404,114	2,018,760
18	Electric Transmission	Miranda	A.0000822.011	Lamb Co Rplc XFMR TR01	3,787,550	340,005	1,077,954	395,227	1,974,364
19	Electric Transmission	Miranda	A.0001442.002	Potter Co Sub Erosion Mitigation	3,663,824	328,898	1,042,741	382,317	1,909,868
20	Electric Transmission	Miranda	A.0001314.008	V15 Tuco Indiana Line	3,550,428	318,719	1,010,468	370,484	1,850,757
21	Electric Transmission	Miranda	A.0000822.008	Bushland Rplc XFMR TR01	3,545,160	318,246	1,008,969	369,934	1,848,011
22	Electric Transmission	Miranda	A.0000538.035	Z63 Line Rebuild PH-1	3,375,977	303,059	960,819	352,280	1,759,820
23	Electric Transmission	Miranda	A.0000822.009	Cunningham Rplc XFMR TR01	2,992,304	268,617	851,623	312,244	1,559,820
24	Electric Transmission	Miranda	A.0000710.050	Hobbs Gen Phys Sec INFR TX	2,870,735	257,703	817,024	299,558	1,496,448
25	Electric Transmission	Miranda	A.0001433.005	Lawrence Park Sub, TAM	2,589,269	232,436	736,918	270,188	1,349,727
26	Electric Transmission	Miranda	A.0001375.001	Amherst Tap Rebuild Line	2,495,798	224,046	710,316	260,434	1,301,003
27	Electric Transmission	Miranda	A.0000863.263	T58 Fiber, Line 2	2,429,506	218,095	691,449	253,517	1,266,446
28	Electric Transmission	Miranda	A.0001242.001	Owens Corning Cap Bank Rplmt	2,367,169	212,499	673,707	247,012	1,233,951
29	Electric Transmission	Miranda	A.0000863.073	V37 Fiber, Line	2,329,775	209,142	663,065	243,110	1,214,459
30	Electric Transmission	Miranda	A.0001439.042	Z74 H Bill, Line	2,192,095	196,783	623,880	228,743	1,142,689
31	Electric Transmission	Miranda	A.0001161.001	Preston West 115/13.2KV Substation	1,981,888	177,912	564,054	206,808	1,033,113
32	Electric Transmission	Miranda	A.0000499.067	Y79 Str Rpl	1,941,751	174,309	552,631	202,620	1,012,190
33	Electric Transmission	Miranda	A.0000427.018	T60 Reconductor	1,933,002	173,524	550,141	201,707	1,007,630
34	Electric Transmission	Miranda	A.0000822.010	Gaines Co Rplc XFMR TR01	1,931,102	173,353	549,600	201,509	1,006,639
35	Electric Transmission	Miranda	A.0001439.014	Y62 H Bill, Line	1,919,085	172,275	546,180	200,255	1,000,375
36	Electric Transmission	Miranda	A.0001367.001	Littlefield West Tap Rebuild Line	1,886,151	169,318	536,807	196,818	983,208
37	Electric Transmission	Miranda	A.0001739.008	U49 Blkhwk-WRB South, TOIF Line	1,847,580	165,856	525,830	192,793	963,101
38	Electric Transmission	Miranda	A.0000863.129	K30 Fiber - V12, Line	1,663,110	149,296	473,329	173,544	866,941
39	Electric Transmission	Miranda	A.0000220.006	SPS S&E, Sub	1,619,963	145,423	461,049	169,042	844,450
40	Electric Transmission	Miranda	A.0000863.133	Z18 Fiber PLWE ? HALCO, Line	1,612,524	144,755	458,932	168,265	840,572

Southwestern Public Service Company

Transmission Capital Additions by Work Order for the Linkage Period of July 1, 2022, through June 30, 2023
Plant Additions by Project and Elements of Cost, Rule Reference 17.1.3.16

Line No.	Asset Class	Witness	WBS Level 2	Project Description (WBS Level 2 Description)	Linkage Period Total	Linkage Period Labor	Linkage Period Contract Work	Linkage Period Supplies and Materials	Linkage Period Other
41	Electric Transmission	Miranda	A.0000469.017	Y66 Wreckout Rebuild	1,517,511	136,226	431,891	158,351	791,044
42	Electric Transmission	Miranda	A.0000710.049	Hitchland Phys Sec INFR TX	1,477,151	132,603	420,404	154,139	770,005
43	Electric Transmission	Miranda	A.0000863.020	T29 Fiber, Line	1,458,778	130,953	415,175	152,222	760,428
44	Electric Transmission	Miranda	A.0000863.034	V14 Fiber, Line	1,414,494	126,978	402,572	147,601	737,343
45	Electric Transmission	Miranda	A.0000286.024	Denver City Ground Grid	1,378,596	123,755	392,355	143,855	718,631
46	Electric Transmission	Miranda	A.0001086.002	Repl Etter Cap Bank 1910	1,377,546	123,661	392,056	143,746	718,083
47	Electric Transmission	Miranda	A.0000640.119	Castro Co, Rplc Brkr 5870, 8821, 97	1,292,340	116,012	367,806	134,854	673,667
48	Electric Transmission	Miranda	A.0000286.026	Sundown Ground Grid	1,276,982	114,634	363,435	133,252	665,661
49	Electric Transmission	Miranda	A.0001167.039	Mustang Intg SPE Relay Upgrades TX	1,250,607	112,266	355,928	130,500	651,913
50	Electric Transmission	Miranda	A.0001439.001	TX PUC-HB4150	1,233,818	110,759	351,150	128,748	643,161
51	Electric Transmission	Miranda	A.0000499.071	K43 Line ELR	1,226,769	110,126	349,144	128,012	639,487
52	Electric Transmission	Miranda	A.0000220.041	Castro Co, Rplc Cap Bank	1,210,141	108,633	344,412	126,277	630,819
53	Electric Transmission	Miranda	A.0001167.095	Pantex North V93 SPE Relay UPGS TX	1,158,909	104,034	329,831	120,931	604,113
54	Electric Transmission	Miranda	A.0000537.001	Novus Wind IV - Hitchland Sub	1,071,709	96,206	305,013	111,832	558,658
55	Electric Transmission	Miranda	A.0000401.090	Mustang, SEL 2BFR Rplcmnt	1,001,141	89,872	284,929	104,468	521,872
56	Electric Transmission	Miranda	A.0000499.107	J15-TX LINE ELR	982,356	88,185	279,583	102,508	512,080
57	Electric Transmission	Miranda	A.0000499.096	V99 LINE ELR	979,597	87,938	278,798	102,220	510,642
58	Electric Transmission	Miranda	A.0001731.002	Y84 Line, NEW DEALSUB-Y84.4 SHWT	976,592	87,668	277,943	101,906	509,075
59	Electric Transmission	Miranda	A.0001739.002	T48 Phillips, Line	970,067	87,082	276,086	101,226	505,674
60	Electric Transmission	Miranda	A.0001439.033	Y89 H Bill, Line	937,806	84,186	266,904	97,859	488,857
61	Electric Transmission	Miranda	A.0000499.106	J15-NM LINE ELR	934,688	83,906	266,017	97,534	487,231
62	Electric Transmission	Miranda	A.0000640.096	Lamb Co Rplc Brkr 3850	924,961	83,033	263,248	96,519	482,161
63	Electric Transmission	Miranda	A.0001314.006	Y84 Line, TUCO ? NEWDEAL SUB	924,875	83,025	263,224	96,510	482,116
64	Electric Transmission	Miranda	A.0001314.009	V15, ROW	923,415	82,894	262,808	96,357	481,355
65	Electric Transmission	Miranda	A.0001439.024	Y56 H Bill, Line	921,636	82,734	262,302	96,172	480,428
66	Electric Transmission	Miranda	A.0000640.073	Sundown, Rplc Brkr 6K20	914,858	82,126	260,373	95,465	476,895
67	Electric Transmission	Miranda	A.0000640.070	Sundown, Rplc Brkr 6K30	904,185	81,168	257,335	94,351	471,331
68	Electric Transmission	Miranda	A.0000640.044	Cox Sub 3830/3834 Rplcmnt	898,507	80,658	255,719	93,758	468,371
69	Electric Transmission	Miranda	A.0000220.018	SPS NM S&E, Sub	891,531	80,032	253,734	93,030	464,735
70	Electric Transmission	Miranda	A.0000286.025	Hale County Ground Grid	890,098	79,903	253,326	92,881	463,988
71	Electric Transmission	Miranda	A.0000640.090	Gaines Co Rplc Brkr 7700	865,131	77,662	246,220	90,276	450,973
72	Electric Transmission	Miranda	A.0001432.006	Echo U11, Line	857,811	77,005	244,137	89,512	447,157
73	Electric Transmission	Miranda	A.0001658.010	Z90, Eagle Creek to Roswell, Line	843,568	75,726	240,083	88,025	439,733
74	Electric Transmission	Miranda	A.0001167.115	Hockley SPE Relay	840,549	75,455	239,224	87,710	438,159
75	Electric Transmission	Miranda	A.0001167.099	Pantex South SPE Relay UPGS TX	812,053	72,897	231,114	84,737	423,305
76	Electric Transmission	Miranda	A.0000640.043	Moore Co M952/962 Brk Rplcmnt	807,053	72,448	229,691	84,215	420,698
77	Electric Transmission	Miranda	A.0000640.097	Lamb Co Rplc Brkr 3964	800,271	71,840	227,761	83,507	417,163
78	Electric Transmission	Miranda	A.0000640.100	Cunningham Rplc Brkr LK50 NM	789,077	70,835	224,575	82,339	411,328
79	Electric Transmission	Miranda	A.0001749.005	T25 TLine, TAM	781,020	70,112	222,282	81,499	407,128
80	Electric Transmission	Miranda	A.0000640.077	Lamb Co Rplc Brkr 3968	776,563	69,711	221,013	81,034	404,804

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Plant Additions by Project and Elements of Cost, Rule Reference 17.1.3.16

Line No.	Asset Class	Witness	WBS Level 2	Project Description (WBS Level 2 Description)	Linkage Period Total	Linkage Period Labor	Linkage Period Contract Work	Linkage Period Supplies and Materials	Linkage Period Other
81	Electric Transmission	Miranda	A.0001167.103	Potter SPE Relay UPGS TX	771,258	69,235	219,504	80,480	402,039
82	Electric Transmission	Miranda	A.0001167.121	Cunningham SPE Relay Rplcmnts	761,833	68,389	216,821	79,496	397,126
83	Electric Transmission	Miranda	A.0000640.075	Lamb Co Rplc Brkr 9740	756,009	67,866	215,164	78,889	394,090
84	Electric Transmission	Miranda	A.0000640.071	Sundown, Rplc Brkr 6K60	753,651	67,655	214,493	78,643	392,861
85	Electric Transmission	Miranda	A.0000401.124	Cargill Relay Upgrade, Term T58	745,118	66,889	212,064	77,752	388,413
86	Electric Transmission	Miranda	A.0000401.074	Castro Z62/Z51/Y67 Term Relay Upgrd	728,765	65,421	207,410	76,046	379,889
87	Electric Transmission	Miranda	A.0001439.028	Z53 H Bill, Line	708,340	63,587	201,597	73,915	369,242
88	Electric Transmission	Miranda	A.0001167.105	Coulter SPE Relay UPGS TX	705,531	63,335	200,797	73,621	367,777
89	Electric Transmission	Miranda	A.0000538.043	R12 Rebuild, Str 14/73	698,150	62,672	198,697	72,851	363,930
90	Electric Transmission	Miranda	A.0001167.124	Eddy Co SPE Upgrade Relay	691,771	62,100	196,881	72,186	360,605
91	Electric Transmission	Miranda	A.0000499.112	J06 LINE ELR	681,613	61,188	193,990	71,126	355,310
92	Electric Transmission	Miranda	A.0001167.091	Kingsmill Intg SPE Relay UPGS TX	652,990	58,618	185,844	68,139	340,389
93	Electric Transmission	Miranda	A.0000401.147	Seagraves Relay Upgrade, Term T57	650,645	58,408	185,177	67,894	339,166
94	Electric Transmission	Miranda	A.0000401.125	Hereford Relay Upgrade, Term T58	649,666	58,320	184,898	67,792	338,656
95	Electric Transmission	Miranda	A.0000640.065	Carlisle, Rplc Brkr 7905	646,234	58,012	183,921	67,434	336,867
96	Electric Transmission	Miranda	A.0000556.027	Moore Co DFR, Sub	638,942	57,357	181,846	66,673	333,066
97	Electric Transmission	Miranda	A.0001161.006	Owens Corning Relay Sub	638,800	57,345	181,805	66,658	332,992
98	Electric Transmission	Miranda	A.0000640.093	Lamb Co Rplc Brkr 3838	638,362	57,305	181,681	66,612	332,763
99	Electric Transmission	Miranda	A.0001045.012	Tolk 230kV Sub	637,050	57,187	181,307	66,476	332,080
100	Electric Transmission	Miranda	A.0001167.114	Dumas 19th St SPE Relay	623,978	56,014	177,587	65,112	325,266
101	Electric Transmission	Miranda	A.0001732.002	Y84 Line, Y84.4 SHWTTAP-STE A	623,532	55,974	177,460	65,065	325,033
102	Electric Transmission	Miranda	A.0000640.057	Bailey Co, Rplc Brkr 3860	619,860	55,644	176,415	64,682	323,119
103	Electric Transmission	Miranda	A.0000640.068	Happy, Rplc Brkr 3786	612,184	54,955	174,230	63,881	319,118
104	Electric Transmission	Miranda	A.0001439.031	Y95 H Bill, Line	599,403	53,808	170,593	62,547	312,455
105	Electric Transmission	Miranda	A.0000640.101	Cunningham Rplc Brkr LK45 NM	598,626	53,738	170,372	62,466	312,050
106	Electric Transmission	Miranda	A.0000640.058	Bailey Co, Rplc Brkr 3867	592,394	53,179	168,598	61,816	308,802
107	Electric Transmission	Miranda	A.0000499.102	T29 LINE ELR	584,192	52,442	166,264	60,960	304,526
108	Electric Transmission	Miranda	A.0000640.103	Terry Co, Rplc Brkr 6990	583,520	52,382	166,073	60,890	304,176
109	Electric Transmission	Miranda	A.0000640.072	Sundown, Rplc Brkr 6K15	582,293	52,272	165,723	60,762	303,536
110	Electric Transmission	Miranda	A.0000640.104	Terry Co, Rplc Brkr 6910	580,547	52,115	165,226	60,580	302,626
111	Electric Transmission	Miranda	A.0000640.133	Hale County, Rplc Brkr 8900	577,788	51,868	164,441	60,292	301,188
112	Electric Transmission	Miranda	A.0000640.131	Hale County, Rplc Brkr 8880	576,676	51,768	164,125	60,176	300,608
113	Electric Transmission	Miranda	A.0000401.073	Gaines Sub 7715/7735 Relay Upgrade	575,635	51,674	163,829	60,067	300,066
114	Electric Transmission	Miranda	A.0000640.130	Hale County, Rplc Brkr 8740	574,982	51,616	163,643	59,999	299,725
115	Electric Transmission	Miranda	A.0000640.129	Hale County, Rplc Brkr 8736	573,798	51,509	163,306	59,875	299,108
116	Electric Transmission	Miranda	A.0000640.102	Terry Co, Rplc Brkr 8990	571,010	51,259	162,512	59,584	297,655
117	Electric Transmission	Miranda	A.0000401.146	Mustang Relay Upgrade, Term T57	563,118	50,551	160,266	58,761	293,540
118	Electric Transmission	Miranda	A.0000640.056	Denver City, Rplc Brkr W990	560,629	50,327	159,558	58,501	292,243
119	Electric Transmission	Miranda	A.0000640.086	Bushland Rplc Brkr 2K05	559,246	50,203	159,164	58,357	291,522
120	Electric Transmission	Miranda	A.0000640.085	Bushland Rplc Brkr 2K10	556,357	49,944	158,342	58,055	290,016

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Line No.	Asset Class	Witness	WBS Level 2	Project Description (WBS Level 2 Description)	Linkage Period Total	Linkage Period Labor	Linkage Period Contract Work	Linkage Period Supplies and Materials	Linkage Period Other
121	Electric Transmission	Miranda	A.0000640.074	Sundown, Rplc Brkr 6K40	554,804	49,804	157,900	57,893	289,207
122	Electric Transmission	Miranda	A.0000640.094	Lamb Co Rplc Brkr 3842	549,438	49,323	156,373	57,333	286,410
123	Electric Transmission	Miranda	A.0000640.095	Lamb Co Rplc Brkr 3846	538,259	48,319	153,191	56,167	280,582
124	Electric Transmission	Miranda	A.0000640.118	Roswell Intg, Rplc Brkr 4600	537,624	48,262	153,010	56,101	280,251
125	Electric Transmission	Miranda	A.0000640.064	Carlisle, Rplc Brkr 6995	532,403	47,793	151,524	55,556	277,529
126	Electric Transmission	Miranda	A.0000640.048	Cochran Co, Rplc Brkr 7835	530,533	47,626	150,992	55,361	276,555
127	Electric Transmission	Miranda	A.0000424.295	V61 Line reterm, Magnum Sub	529,770	47,557	150,775	55,281	276,157
128	Electric Transmission	Miranda	A.0001167.082	Yoakum SPE Relay UPGS TX	528,023	47,400	150,278	55,099	275,246
129	Electric Transmission	Miranda	A.0000640.055	Denver City, Rplc Brkr W980	522,701	46,922	148,763	54,543	272,472
130	Electric Transmission	Miranda	A.0000499.111	J25-KS LINE ELR	520,428	46,718	148,116	54,306	271,287
131	Electric Transmission	Miranda	A.0000640.107	Terry Co, Rplc Brkr 8980	518,788	46,571	147,649	54,135	270,432
132	Electric Transmission	Miranda	A.0000640.049	Cochran Co, Rplc Brkr 7825	495,206	44,454	140,938	51,674	258,139
133	Electric Transmission	Miranda	A.0000640.047	Cochran Co, Rplc Brkr 7830	494,516	44,392	140,742	51,602	257,780
134	Electric Transmission	Miranda	A.0000640.069	Happy, Rplc Brkr 3798	485,933	43,622	138,299	50,707	253,306
135	Electric Transmission	Miranda	A.0000863.089	T28 Fiber, Line	481,848	43,255	137,136	50,280	251,176
136	Electric Transmission	Miranda	A.0000588.035	Owens Corning RTU Rplcmnt, Sub	481,241	43,201	136,964	50,217	250,860
137	Electric Transmission	Miranda	A.0000401.075	Yuma T72 Terminal Relay Upgrd	479,560	43,050	136,485	50,042	249,984
138	Electric Transmission	Miranda	A.0000401.159	Wolforth Relay Upgrade, Term T72	477,575	42,872	135,920	49,835	248,949
139	Electric Transmission	Miranda	A.0000863.076	T36 Fiber, Line	468,571	42,063	133,358	48,895	244,256
140	Electric Transmission	Miranda	A.0001439.051	V14 H Bill, Line	467,377	41,956	133,018	48,770	243,633
141	Electric Transmission	Miranda	A.0000556.026	Cunningham DFR, Sub	464,454	41,694	132,186	48,465	242,109
142	Electric Transmission	Miranda	A.0000538.034	Y80 REC SANDHILL TAP LINE RBLD	456,603	40,989	129,951	47,646	238,017
143	Electric Transmission	Miranda	A.0001439.046	Z36 H Bill, Line	437,736	39,295	124,582	45,677	228,182
144	Electric Transmission	Miranda	A.0000863.132	Z18 Fiber KISR ? PLWE, Line	437,599	39,283	124,543	45,663	228,110
145	Electric Transmission	Miranda	A.0001739.009	U50 WRB South-Prngl TOIF, Line	434,088	38,968	123,544	45,297	226,280
146	Electric Transmission	Miranda	A.0000863.135	V93 PTXS - PTXN Fiber, Line	426,790	38,313	121,466	44,535	222,476
147	Electric Transmission	Miranda	A.0000863.007	Eddy County Sub-W21 Fiber Sub	425,394	38,187	121,069	44,389	221,748
148	Electric Transmission	Miranda	A.0001426.004	V35 - STR Raise for Y58 Rebuild	411,027	36,898	116,980	42,890	214,259
149	Electric Transmission	Miranda	A.0001439.017	Z62 H Bill, Line	407,417	36,573	115,953	42,514	212,377
150	Electric Transmission	Miranda	A.0001439.045	T08 H Bill, Line	406,288	36,472	115,631	42,396	211,789
151	Electric Transmission	Miranda	A.0000499.094	Y61 LINE ELR	399,996	35,907	113,841	41,739	208,509
152	Electric Transmission	Miranda	A.0001432.008	East Plant Rly Upgd, U11 Term	398,081	35,735	113,296	41,539	207,510
153	Electric Transmission	Miranda	A.0000640.091	Gaines Co Rplc Brkr 7735	392,127	35,201	111,601	40,918	204,407
154	Electric Transmission	Miranda	A.0001367.002	V13, Replace Structure	382,087	34,300	108,744	39,870	199,173
155	Electric Transmission	Miranda	A.0000863.131	V76 Fiber, Line	376,016	33,755	107,016	39,237	196,008
156	Electric Transmission	Miranda	A.0001432.009	Rolling Hills Rly Upgd, U11 Term	371,853	33,381	105,831	38,802	193,838
157	Electric Transmission	Miranda	A.0001219.013	T74 OWEND COR ELR RFL9300 SPS TX	367,397	32,981	104,563	38,338	191,516
158	Electric Transmission	Miranda	A.0000640.132	Hale County, Rplc Brkr 8884	361,363	32,439	102,846	37,708	188,370
159	Electric Transmission	Miranda	A.0000401.105	Yoakum Sub, V66 Relay Upgrade	361,271	32,431	102,819	37,698	188,322
160	Electric Transmission	Miranda	A.0005527.002	Coulter XFMR Oil Containment	360,628	32,373	102,637	37,631	187,987

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Line No.	Asset Class	Witness	WBS Level 2	Project Description (WBS Level 2 Description)	Linkage Period Total	Linkage Period Labor	Linkage Period Contract Work	Linkage Period Supplies and Materials	Linkage Period Other
161	Electric Transmission	Miranda	A.0000538.033	V02 Tline Highland Park Tap Rebuild	359,475	32,270	102,308	37,511	187,386
162	Electric Transmission	Miranda	A.0001828.002	Lubbock South Grd Grid Mitigation	359,321	32,256	102,264	37,495	187,306
163	Electric Transmission	Miranda	A.0000499.090	K60 Line ELR	358,513	32,183	102,034	37,410	186,885
164	Electric Transmission	Miranda	A.0000401.091	Potter Co, SEL 2BFR Rplcmnt	355,388	31,903	101,145	37,084	185,256
165	Electric Transmission	Miranda	A.0000401.104	Terry Co Sub, T35 Relay Upgrade	349,250	31,352	99,398	36,444	182,056
166	Electric Transmission	Miranda	A.0000401.103	Yoakum Sub, T35 Relay Upgrade	348,594	31,293	99,212	36,375	181,714
167	Electric Transmission	Miranda	A.0001167.120	Martin, W02 Term SPE Relay	345,061	30,976	98,206	36,007	179,872
168	Electric Transmission	Miranda	A.0000863.004	Eagle Creek Sub-W21 Fiber Sub	339,446	30,472	96,608	35,421	176,945
169	Electric Transmission	Miranda	A.0000401.106	Seagraves Sub, V66 Relay Upgrade	335,352	30,104	95,443	34,994	174,811
170	Electric Transmission	Miranda	A.0001433.007	South Georgia Sub Rly Rplcmnts, Z23	333,648	29,951	94,958	34,816	173,923
171	Electric Transmission	Miranda	A.0001770.001	NEF Sub, U03 Term Upgrade NTC	327,977	29,442	93,344	34,224	170,967
172	Electric Transmission	Miranda	A.0000499.093	Y91 LINE ELR	318,914	28,629	90,764	33,278	166,243
173	Electric Transmission	Miranda	A.0000768.002	Crosby-Blanco Retermination-11	315,044	28,281	89,663	32,874	164,225
174	Electric Transmission	Miranda	A.0001739.010	T49 Phillips Retire, Line	314,403	28,224	89,481	32,808	163,891
175	Electric Transmission	Miranda	A.0001739.007	Blackhawk Rly Upgrd-Phillips 66	313,665	28,157	89,271	32,731	163,506
176	Electric Transmission	Miranda	A.0001439.026	Y79 H Bill, Line	310,075	27,835	88,249	32,356	161,635
177	Electric Transmission	Miranda	A.0001433.006	Soney Sub Rly Rplcmnts, Z40 Term	302,635	27,167	86,131	31,580	157,757
178	Electric Transmission	Miranda	A.0001798.001	T73 Switch Additions	302,438	27,150	86,075	31,559	157,654
179	Electric Transmission	Miranda	A.0000499.097	V31 LINE ELR	301,561	27,071	85,826	31,468	157,197
180	Electric Transmission	Miranda	A.0000588.042	Roswell City RTU Rplcmnt, SUB	292,881	26,292	83,355	30,562	152,672
181	Electric Transmission	Miranda	A.0000588.047	Seagraves Intg RTU Rplc, SUB	290,869	26,111	82,783	30,352	151,623
182	Electric Transmission	Miranda	A.0001426.003	Y61 - STR Raise for Y58 Rebuild	280,750	25,203	79,903	29,296	146,349
183	Electric Transmission	Miranda	A.0001739.006	Pringle Rly Upgrd-Phillips 66	277,477	24,909	78,971	28,954	144,642
184	Electric Transmission	Miranda	A.0000303.049	SPS S&E 345kV Line OK	273,195	24,524	77,753	28,508	142,410
185	Electric Transmission	Miranda	A.0000499.068	Y89 Str Rpl	271,278	24,352	77,207	28,308	141,411
186	Electric Transmission	Miranda	A.0001439.030	Y59 H Bill, Line	268,046	24,062	76,287	27,970	139,726
187	Electric Transmission	Miranda	A.0001439.032	Z85 H Bill, Line	253,602	22,766	72,176	26,463	132,197
188	Electric Transmission	Miranda	A.0000499.066	Y78 Str Rpl	252,670	22,682	71,911	26,366	131,711
189	Electric Transmission	Miranda	A.0000076.004	IA Tariff Fund SPS	251,733	22,598	71,644	26,268	131,222
190	Electric Transmission	Miranda	A.0000499.109	J26-OK LINE ELR	249,814	22,426	71,098	26,068	130,222
191	Electric Transmission	Miranda	A.0001161.004	U33 115kV Owens Corning-Preston Wes	245,405	22,030	69,843	25,608	127,924
192	Electric Transmission	Miranda	A.0001439.043	V13 H Bill, Line	243,011	21,815	69,162	25,358	126,676
193	Electric Transmission	Miranda	A.0001439.037	T47 H Bill, Line	242,569	21,775	69,036	25,312	126,446
194	Electric Transmission	Miranda	A.0000538.041	V16 Rblld FM 2196-Hwy 82, Line	241,800	21,706	68,817	25,232	126,045
195	Electric Transmission	Miranda	A.0001161.003	U32 115kV Coulter-Preston West Sub	236,009	21,186	67,169	24,627	123,026
196	Electric Transmission	Miranda	A.0001439.040	K10 H Bill, Line	230,477	20,690	65,595	24,050	120,142
197	Electric Transmission	Miranda	A.0001314.007	K24 Structure Raise	230,245	20,669	65,529	24,026	120,021
198	Electric Transmission	Miranda	A.0001219.010	T74 AMA SOUTH ELR RFL9300 SPS TX	225,827	20,272	64,271	23,565	117,719
199	Electric Transmission	Miranda	A.0000427.020	W25 Carlsbad - T60.0 Rebuild	215,606	19,355	61,362	22,498	112,390
200	Electric Transmission	Miranda	A.0000855.004	SPS Transmission UAV	206,459	18,534	58,759	21,544	107,623

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201	Electric Transmission	Miranda	A.0001439.036	Z25 H Bill, Line	193,443	17,365	55,055	20,186	100,837
202	Electric Transmission	Miranda	A.0001485.005	Pole Treatment Program 115kV NM	189,078	16,973	53,813	19,730	98,562
203	Electric Transmission	Miranda	A.0001658.005	W92, Line Reterm	186,568	16,748	53,098	19,468	97,254
204	Electric Transmission	Miranda	A.0001658.009	Z89, Eagle Creek to Atoka, Line	185,941	16,692	52,920	19,403	96,927
205	Electric Transmission	Miranda	A.0001439.039	T27 H Bill, Line	181,728	16,314	51,720	18,963	94,730
206	Electric Transmission	Miranda	A.0001439.034	Z46 H Bill, Line	175,385	15,744	49,915	18,301	91,424
207	Electric Transmission	Miranda	A.0001684.003	Z34 Line Retirement	173,713	15,594	49,440	18,127	90,553
208	Electric Transmission	Miranda	A.0001433.008	Coulter Sub, SEL 2506	171,892	15,431	48,921	17,937	89,603
209	Electric Transmission	Miranda	A.0001684.004	NW SS-Frying Pan Rnch-Sw 2749, Line	168,562	15,132	47,974	17,589	87,867
210	Electric Transmission	Miranda	A.0000538.046	K21 STR Raise	166,668	14,962	47,435	17,392	86,880
211	Electric Transmission	Miranda	A.0000401.097	Roosevelt 115kV Rplc Bus Backup Rel	165,330	14,842	47,054	17,252	86,183
212	Electric Transmission	Miranda	A.0001439.016	K42 H Bill, Line	162,095	14,551	46,133	16,914	84,496
213	Electric Transmission	Miranda	A.0001439.044	V43 H Bill, Line	160,762	14,432	45,754	16,775	83,802
214	Electric Transmission	Miranda	A.0001439.027	V35 H Bill, Line	159,228	14,294	45,317	16,615	83,002
215	Electric Transmission	Miranda	A.0000303.042	SPS S&E 230kV Line NM	153,691	13,797	43,741	16,037	80,115
216	Electric Transmission	Miranda	A.0000401.096	Gaines Co 69kV Rplc Bus Backup Rlys	152,527	13,692	43,410	15,916	79,509
217	Electric Transmission	Miranda	A.0000401.069	Quaker T83 115kV Relay Removal	149,675	13,436	42,598	15,618	78,022
218	Electric Transmission	Miranda	A.0000153.028	V64, SW 1978	149,368	13,409	42,511	15,586	77,862
219	Electric Transmission	Miranda	A.0001684.001	Ama N Sub Retirement	139,026	12,480	39,567	14,507	72,471
220	Electric Transmission	Miranda	A.0001439.049	V99 H Bill, Line	135,203	12,137	38,479	14,108	70,478
221	Electric Transmission	Miranda	A.0000538.051	U01 Structure Rplc	122,306	10,979	34,809	12,763	63,755
222	Electric Transmission	Miranda	A.0000303.044	SPS S&E 69kV Line TX	120,041	10,776	34,164	12,526	62,575
223	Electric Transmission	Miranda	A.0001439.029	Z67 H Bill, Line	118,791	10,664	33,809	12,396	61,923
224	Electric Transmission	Miranda	A.0000286.027	Sundown Rplc CCVT T31B/V56B	112,055	10,059	31,891	11,693	58,412
225	Electric Transmission	Miranda	A.0000427.021	J25 - Line Capacity	109,043	9,789	31,034	11,379	56,842
226	Electric Transmission	Miranda	A.0001439.053	T28 H Bill, Line	108,531	9,743	30,888	11,325	56,575
227	Electric Transmission	Miranda	A.0000706.001	Hitchland-New 345kV Terminal -	107,401	9,641	30,567	11,207	55,986
228	Electric Transmission	Miranda	A.0000303.045	SPS S&E 115kV Line TX	103,936	9,330	29,581	10,846	54,180
229	Electric Transmission	Miranda	A.0001449.001	Indiana Brkrs 9925 & 9935 Split Pat	98,849	8,874	28,133	10,315	51,528
230	Electric Transmission	Miranda	A.0001439.055	T68 H Bill, Line	98,841	8,873	28,131	10,314	51,524
231	Electric Transmission	Miranda	A.0000863.091	K31 Fiber, Line	98,305	8,825	27,978	10,258	51,244
232	Electric Transmission	Miranda	A.0000303.046	SPS S&E 345kV Line TX	94,170	8,454	26,801	9,827	49,089
233	Electric Transmission	Miranda	A.0000538.050	K55 Structure Rplc	93,613	8,404	26,643	9,768	48,799
234	Electric Transmission	Miranda	A.0000153.027	V79, SW 1950	88,587	7,952	25,212	9,244	46,178
235	Electric Transmission	Miranda	A.0001439.025	Y93 H Bill, Line	87,178	7,826	24,811	9,097	45,444
236	Electric Transmission	Miranda	A.0000863.130	V12 Fiber - K30, Line	85,068	7,636	24,211	8,877	44,344
237	Electric Transmission	Miranda	A.0000427.023	K02 - Line Capacity	80,925	7,265	23,032	8,444	42,184
238	Electric Transmission	Miranda	A.0000153.029	V37, Str 123A-Switch	74,649	6,701	21,245	7,790	38,913
239	Electric Transmission	Miranda	A.0000588.034	Allen RTU Rplcmnt, Sub	72,259	6,487	20,565	7,540	37,667
240	Electric Transmission	Miranda	A.0001670.001	K90 Upgr NTC, Line	71,446	6,414	20,334	7,455	37,243

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241	Electric Transmission	Miranda	A.0001439.047	T58 H Bill, Line	67,610	6,069	19,242	7,055	35,243
242	Electric Transmission	Miranda	A.0001439.041	U22 H Bill, Line	67,535	6,063	19,221	7,047	35,205
243	Electric Transmission	Miranda	A.0001684.002	Y66 Line Retirement	66,437	5,964	18,908	6,933	34,632
244	Electric Transmission	Miranda	A.0000863.001	SPS Sub Comm Network Group 2 L	65,985	5,923	18,780	6,885	34,397
245	Electric Transmission	Miranda	A.0001296.003	Texas County Cap Bank	65,938	5,919	18,766	6,881	34,372
246	Electric Transmission	Miranda	A.0000286.028	Taylor SS Rplc CCVT T13B	65,406	5,871	18,615	6,825	34,095
247	Electric Transmission	Miranda	A.0000303.097	T75 Str 51 Public Acc	65,361	5,867	18,602	6,820	34,071
248	Electric Transmission	Miranda	A.0001658.004	W20, Line Retirement	64,150	5,759	18,257	6,694	33,440
249	Electric Transmission	Miranda	A.0001439.048	W36 H Bill, Line	62,814	5,639	17,877	6,555	32,743
250	Electric Transmission	Miranda	A.0001059.010	Harrington 230kV Bus Diff	59,520	5,343	16,940	6,211	31,026
251	Electric Transmission	Miranda	A.0001161.008	V 44 Wreck Out Line	58,653	5,265	16,693	6,120	30,575
252	Electric Transmission	Miranda	A.0001880.002	Jones K08, Term	57,184	5,133	16,275	5,967	29,809
253	Electric Transmission	Miranda	A.0001439.054	Z71 H Bill, Line	56,055	5,032	15,953	5,849	29,220
254	Electric Transmission	Miranda	A.0000609.001	W26 Byrd Tap-Cooper Rch Wreckout Re	55,641	4,995	15,836	5,806	29,004
255	Electric Transmission	Miranda	A.0001439.023	K46 H Bill, Line	52,230	4,689	14,865	5,450	27,226
256	Electric Transmission	Miranda	A.0001439.052	Y85 H Bill, Line	47,947	4,304	13,646	5,003	24,994
257	Electric Transmission	Miranda	A.0001439.050	Y84 H Bill, Line	47,888	4,299	13,629	4,997	24,963
258	Electric Transmission	Miranda	A.0001428.002	Y58 ROXA - GRCO, PH3 ROW	45,556	4,090	12,965	4,754	23,747
259	Electric Transmission	Miranda	A.0000401.095	Osage T75 Relay Upgrade	42,780	3,840	12,175	4,464	22,300
260	Electric Transmission	Miranda	A.0000628.003	W26 Cooper Rch Oil Ctr Wreck Out Rb	41,007	3,681	11,671	4,279	21,376
261	Electric Transmission	Miranda	A.0000499.101	T89 LINE ELR	35,748	3,209	10,174	3,730	18,635
262	Electric Transmission	Miranda	A.0001658.007	Z56, Line Retirement	31,009	2,784	8,825	3,236	16,164
263	Electric Transmission	Miranda	A.0001658.006	Z08, Line Retirement	30,128	2,705	8,575	3,144	15,705
264	Electric Transmission	Miranda	A.0000538.024	W21 Line, ROW	27,300	2,451	7,770	2,849	14,231
265	Electric Transmission	Miranda	A.0001479.078	Tierra Blanca BFM	26,690	2,396	7,596	2,785	13,913
266	Electric Transmission	Miranda	A.0000469.021	Y66, ROW	22,613	2,030	6,436	2,360	11,788
267	Electric Transmission	Miranda	A.0001684.006	NW-SW 2749-Z91, ROW	22,000	1,975	6,261	2,296	11,468
268	Electric Transmission	Miranda	A.0000401.072	Lubbock South 6810/6820 Relay Rplc	20,188	1,812	5,746	2,107	10,524
269	Electric Transmission	Miranda	A.0001479.077	TUCO BFM	19,662	1,765	5,596	2,052	10,249
270	Electric Transmission	Miranda	A.0001658.008	Z75, Line Retirement	18,618	1,671	5,299	1,943	9,705
271	Electric Transmission	Miranda	A.0001388.001	Hereford NE Dist Xfmr Add Tam Sub	16,600	1,490	4,724	1,732	8,653
272	Electric Transmission	Miranda	A.0000540.001	Atoka-Eagle Creek 115 kV Line	16,219	1,456	4,616	1,692	8,455
273	Electric Transmission	Miranda	A.0001167.100	Amarillo South SPE Relay UPGS TX	15,926	1,430	4,533	1,662	8,302
274	Electric Transmission	Miranda	A.0001877.003	Wolverine T28 Ntwrk Upgrd, Line	15,222	1,366	4,332	1,588	7,935
275	Electric Transmission	Miranda	A.0001670.002	Potter Co, K90 Term Upgrades, NTC	14,363	1,289	4,088	1,499	7,487
276	Electric Transmission	Miranda	A.0000303.096	After Hours STORM EMERGENCY TX Line	13,948	1,252	3,970	1,455	7,271
277	Electric Transmission	Miranda	A.0001669.002	Lubbock South, K10 Term Upgrades NT	11,718	1,052	3,335	1,223	6,108
278	Electric Transmission	Miranda	A.0001430.001	Hopi Sub 2nd XFMR TAM	11,000	987	3,131	1,148	5,734
279	Electric Transmission	Miranda	A.0001439.012	V79 H Bill, Line	10,880	977	3,096	1,135	5,671
280	Electric Transmission	Miranda	A.0000499.105	R05 LINE ELR	10,873	976	3,095	1,135	5,668

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Line No.	Asset Class	Witness	WBS Level 2	Project Description (WBS Level 2 Description)	Linkage Period Total	Linkage Period Labor	Linkage Period Contract Work	Linkage Period Supplies and Materials	Linkage Period Other
281	Electric Transmission	Miranda	A.0000635.003	Oil Center W-26 line terminal upgra	10,000	898	2,846	1,043	5,213
282	Electric Transmission	Miranda	A.0000401.079	Crosby Y84-7805 Relay Upgrd	9,300	835	2,647	970	4,848
283	Electric Transmission	Miranda	A.0000640.060	Carlisle, Rplc Brkr 6935	9,300	835	2,647	970	4,848
284	Electric Transmission	Miranda	A.0000640.063	Carlisle, Rplc Brkr 6920	9,300	835	2,647	970	4,848
285	Electric Transmission	Miranda	A.0001480.001	Tip Top Solar, RR Term TOIF	9,300	835	2,647	970	4,848
286	Electric Transmission	Miranda	A.0001480.002	Tip Top Solar, RR Term, Sub	9,300	835	2,647	970	4,848
287	Electric Transmission	Miranda	A.0000863.015	T25 Fiber, Line	9,086	816	2,586	948	4,736
288	Electric Transmission	Miranda	A.0001228.005	Potter County Sub LRU	8,726	783	2,483	911	4,549
289	Electric Transmission	Miranda	A.0000303.041	SPS S&E 115kV Line NM	8,413	755	2,394	878	4,385
290	Electric Transmission	Miranda	A.0000538.022	W17 Hardware	8,388	753	2,387	875	4,373
291	Electric Transmission	Miranda	A.0000640.105	Tuco, Rplc Brkr NR05	8,100	727	2,305	845	4,222
292	Electric Transmission	Miranda	A.0000401.087	Cunningham, SEL 2BFR Rplcmnt	7,440	668	2,117	776	3,878
293	Electric Transmission	Miranda	A.0000635.006	Cunningham Wave Trap W26 Term	7,440	668	2,117	776	3,878
294	Electric Transmission	Miranda	A.0001442.005	Potter Co Erosion Mitigation, Land	7,239	650	2,060	755	3,774
295	Electric Transmission	Miranda	A.0000538.049	Z33 Line Rebuild, ROW	7,000	628	1,992	730	3,649
296	Electric Transmission	Miranda	A.0001414.010	Caveman T62 TLine Tap, DCP	6,758	607	1,923	705	3,523
297	Electric Transmission	Miranda	A.0001161.005	Coulter Relay Sub	6,000	539	1,708	626	3,128
298	Electric Transmission	Miranda	A.0000863.094	T86 Fiber, Line	5,856	526	1,667	611	3,053
299	Electric Transmission	Miranda	A.0001396.003	Legacy - Robertson ROW	5,800	521	1,651	605	3,024
300	Electric Transmission	Miranda	A.0000538.031	Z51 Line Rebuild PH-1	5,208	468	1,482	543	2,715
301	Electric Transmission	Miranda	A.0000499.011	SPS ELR 115kV NM 2016	5,085	456	1,447	531	2,651
302	Electric Transmission	Miranda	A.0001775.001	SPS Draw Swicthing Station Sale	4,437	398	1,263	463	2,313
303	Electric Transmission	Miranda	A.0000424.204	V21 Term Cunningham to Quahada	4,151	373	1,181	433	2,164
304	Electric Transmission	Miranda	A.0000401.086	Potash T23 Relay Upgrd	3,720	334	1,059	388	1,939
305	Electric Transmission	Miranda	A.0000863.093	V44 Fiber, Line	3,461	311	985	361	1,804
306	Electric Transmission	Miranda	A.0000640.066	Cochran Co, Rplc Brkr 7845	3,394	305	966	354	1,769
307	Electric Transmission	Miranda	A.0001439.015	Z51 H Bill, Line	3,133	281	892	327	1,633
308	Electric Transmission	Miranda	A.0001036.010	Reterm K21 at Plant X for TF2 Add	3,117	280	887	325	1,625
309	Electric Transmission	Miranda	A.0001189.008	OPIE Phantom Roadrunner 345 Line J-	3,000	269	854	313	1,564
310	Electric Transmission	Miranda	A.0001189.010	OPIE China Draw Phantom 345 Line J-	3,000	269	854	313	1,564
311	Electric Transmission	Miranda	A.0000401.085	PCA T23 Relay Upgrd	2,790	250	794	291	1,454
312	Electric Transmission	Miranda	A.0001219.011	T78 MOORE CO ELR RFL9300 SPS TX	2,790	250	794	291	1,454
313	Electric Transmission	Miranda	A.0001219.017	T79 MOORE CO ELR RFL9300 SPS TX	2,790	250	794	291	1,454
314	Electric Transmission	Miranda	A.0001434.008	Nichols, V03 Relay Upgrade	2,790	250	794	291	1,454
315	Electric Transmission	Miranda	A.0000220.024	SPS 2015 KS SE Sub	2,705	243	770	282	1,410
316	Electric Transmission	Miranda	A.0000879.012	Y58 Permit Renewal	2,434	219	693	254	1,269
317	Electric Transmission	Miranda	A.0000640.050	Cochran Co, Rplc Brkr 7840	1,395	125	397	146	727
318	Electric Transmission	Miranda	A.0001439.021	V29 H Bill, Line	1,355	122	386	141	706
319	Electric Transmission	Miranda	A.0000879.014	Y63 Permit Renewal	1,312	118	374	137	684
320	Electric Transmission	Miranda	A.0000879.013	Y61 Permit Renewal	1,283	115	365	134	669

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321	Electric Transmission	Miranda	A.0000286.005	Horz Cap and Pin Replacement TX	1,120	101	319	117	584
322	Electric Transmission	Miranda	A.0000286.010	Sundown 115 kV Cap Bank Protect (CV	1,099	99	313	115	573
323	Electric Transmission	Miranda	A.0000640.040	Lubbock South Rplc Bkr 6810/6820	1,015	91	289	106	529
324	Electric Transmission	Miranda	A.0001439.013	T04 H Bill, Line	1,000	90	285	104	521
325	Electric Transmission	Miranda	A.0000401.092	Sundown, SEL 2BFR Rplcmnt	930	83	265	97	485
326	Electric Transmission	Miranda	A.0001414.009	Caveman T62, Line	930	83	265	97	485
327	Electric Transmission	Miranda	A.0000499.123	Z05 LINE ELR	930	83	265	97	485
328	Electric Transmission	Miranda	A.0000538.044	T04 Str Raise, Z51 Rbld PH1	930	83	265	97	485
329	Electric Transmission	Miranda	A.0001383.010	TxDot T-47 Relocate	930	83	265	97	485
330	Electric Transmission	Miranda	A.0000710.003	SPS Physical Security Sub Infrastru	803	72	228	84	418
331	Electric Transmission	Miranda	A.0000710.001	NM Physical Security Sub Infrastruc	803	72	228	84	418
332	Electric Transmission	Miranda	A.0000499.100	T91 LINE ELR	790	71	225	82	412
333	Electric Transmission	Miranda	A.0000427.001	SPS Line Capacity Line	747	67	212	78	389
334	Electric Transmission	Miranda	A.0000290.011	Eddy County Siemens SVC HMI MOD	679	61	193	71	354
335	Electric Transmission	Miranda	A.0001232.002	T 97 Rebuild	575	52	164	60	300
336	Electric Transmission	Miranda	A.0000424.052	Ponderosa 115kV Sub Custer Mt	564	51	161	59	294
337	Electric Transmission	Miranda	A.0000514.009	SPS Sub Switch Replacement	561	50	160	58	292
338	Electric Transmission	Miranda	A.0001205.002	Z18 Tuco Hale Center Phase 3	465	42	132	49	242
339	Electric Transmission	Miranda	A.0000556.030	Eddy Co DFR, Sub	436	39	124	45	227
340	Electric Transmission	Miranda	A.0000588.045	Lyons RTU Replacement, Sub	376	34	107	39	196
341	Electric Transmission	Miranda	A.0000588.046	Sherman Co RTU Replacement, Sub	376	34	107	39	196
342	Electric Transmission	Miranda	A.0000401.002	SPS ELR - Relays	280	25	80	29	146
343	Electric Transmission	Miranda	A.0000646.014	Ochiltree - Booker, Line	253	23	72	26	132
344	Electric Transmission	Miranda	A.0001414.008	Caveman T62, ROW	207	19	59	22	108
345	Electric Transmission	Miranda	A.0000556.016	Oasis 230 115kV Fault Recorder	139	12	39	14	72
346	Electric Transmission	Miranda	A.0000588.043	Brasher RTU Replacement, Sub	93	8	26	10	49
347	Electric Transmission	Miranda	A.0000424.183	Intercont Potash Conn 230kV Li	76	7	22	8	40
348	Electric Transmission	Miranda	A.0000499.047	W24 Str Rpl	45	4	13	5	23
349	Electric Transmission	Miranda	A.0001351.002	Terminal Add & Cap Bank Sub	43	4	12	4	22
350	Electric Transmission	Miranda	A.0000879.016	J26 Permit Renewal - OK	34	3	10	4	18
351	Electric Transmission	Miranda	A.0000610.002	Curry to Bailey 115kV New Line	31	3	9	3	16
352	Electric Transmission	Miranda	A.0000421.008	Newhart Intg Swisher-Newhart23	5	0	2	1	3
353	Electric Transmission	Miranda	A.0000640.054	Denver City, Rplc Brkr W960	1	0	0	0	1
354	Electric Transmission	Miranda	A.0000640.120	Castro Co, Rplc Brkr 9710	1	0	0	0	1
355	Electric Transmission	Miranda	A.0000863.061	U36 Fiber, Line	0	0	0	0	0
356	Electric Transmission	Miranda	A.0001668.002	Bushland Sub, K11 Term Upgrade NTC	0	0	0	0	0
357	Electric Transmission	Miranda	A.0001318.001	V16 Terry Co Denver Cty Reblld	(0)	(0)	(0)	(0)	(0)
358	Electric Transmission	Miranda	A.0000218.004	Roswell-Capitan, Line	(0)	(0)	(0)	(0)	(0)
359	Electric Transmission	Miranda	A.0000863.062	U37 Fiber, Line	(1)	(0)	(0)	(0)	(0)
360	Electric Transmission	Miranda	A.0001398.001	JODW Inst 28.8 MVA Cap Bank	(3)	(0)	(1)	(0)	(1)

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Line No.	Asset Class	Witness	WBS Level 2	Project Description (WBS Level 2 Description)	Linkage Period	Linkage Period	Linkage Period	Linkage Period	Linkage Period
					Total	Labor	Contract Work	Supplies and Materials	Other
361	Electric Transmission	Miranda	A.0001478.005	Y79 Tap Line, ROW	(3)	(0)	(1)	(0)	(2)
362	Electric Transmission	Miranda	A.0000640.062	Carlisle, Rplc Brkr 6890	(49)	(4)	(14)	(5)	(25)
363	Electric Transmission	Miranda	A.0001375.002	Amherst Tap, ROW	(439)	(39)	(125)	(46)	(229)
364	Electric Transmission	Miranda	A.0000640.121	Castro Co, Rplc Brkr 8821	(561)	(50)	(160)	(59)	(293)
365	Electric Transmission	Miranda	A.0000401.039	Wipp Cap Bank Volt Diff NM	(600)	(54)	(171)	(63)	(313)
366	Electric Transmission	Miranda	A.0000636.001	W27 Oil Center-Lea Road reconductor	(2,755)	(247)	(784)	(287)	(1,436)
367	Electric Transmission	Miranda	A.0000244.011	Hitchland to Woodward 345 kV O	(10,811)	(971)	(3,077)	(1,128)	(5,636)
368	Electric Transmission	Miranda	A.0000798.012	Cole Rpl Breaker 0845	(19,636)	(1,763)	(5,589)	(2,049)	(10,236)
369	Electric Transmission	Miranda	A.0000673.037	Hobbs-NM Stateline 345 kV Line	(30,341)	(2,724)	(8,635)	(3,166)	(15,816)
370	Electric Transmission	Miranda	A.0001383.008	TxDot V50, ROW	(44,736)	(4,016)	(12,732)	(4,668)	(23,320)
371	Electric Transmission	Miranda	A.0001383.009	TxDot Z-34 Relocate	(197,498)	(17,729)	(56,209)	(20,609)	(102,951)
372	Electric Transmission	Miranda	A.0001891.001	Hartmoore T47 Tap TOIF, Line	(223,320)	(20,047)	(63,558)	(23,303)	(116,412)
373	Electric Transmission	Miranda	A.0001873.001	Hilmar Cheese V64 Tap, Line	(264,970)	(23,786)	(75,412)	(27,649)	(138,123)
374	Electric Transmission	Miranda	A.0001383.007	V50 Str TxDot Relocate	(1,022,529)	(91,792)	(291,016)	(106,700)	(533,021)
375	Electric Transmission	Miranda	A.0001739.004	Phillips WRB South, Sub TOIF	(1,479,561)	(132,819)	(421,090)	(154,391)	(771,261)
376	Electric General	Miranda	A.0001459.169	Tuco OT Cyber	122,551	10,664	44,494	41,542	25,852
377	Electric General	Miranda	A.0001459.067	Hitchland OT Cyber	4,650	405	1,688	1,576	981
378	Electric General	Miranda	A.0006056.224	Fleet New Unit El Trans TX	6,864,311	597,296	2,492,163	2,326,827	1,448,025
379	Electric General	Miranda	A.0006059.063	SPS Sub Comm Tool Blanket	2,079,714	180,966	755,063	704,970	438,715
380	Electric General	Miranda	A.0006056.223	Fleet New Units El Trans NM	1,376,712	119,794	499,830	466,670	290,417
381	Electric General	Miranda	A.0006059.505	SPS Trans Tool Blanket	724,071	63,005	262,882	245,442	152,743
382	Electric General	Miranda	A.0001433.009	Lawrence Park TAM Fiber, COMM	723,549	62,959	262,692	245,265	152,633
383	Electric General	Miranda	A.0000588.030	Seagraves Intg Sub RTU Rplmnt	619,023	53,864	224,743	209,833	130,583
384	Electric General	Miranda	A.0000588.029	Owens Corning RTU Rplmnt	544,914	47,416	197,837	184,712	114,950
385	Electric General	Miranda	A.0000588.022	Bailey County 69kV RTU Rplmnt	503,278	43,793	182,720	170,598	106,166
386	Electric General	Miranda	A.0000588.019	Curry County 69kV RTU Rplmnt	499,292	43,446	181,273	169,247	105,325
387	Electric General	Miranda	A.0001086.003	Repl Etter Cap Bank 1910 COMM	384,448	33,453	139,578	130,318	81,099
388	Electric General	Miranda	A.0000588.017	Roswell City RTU Replacement	373,131	32,468	135,469	126,482	78,712
389	Electric General	Miranda	A.0001739.005	Phillips WRB South, COMM TOIF	342,033	29,762	124,179	115,940	72,152
390	Electric General	Miranda	A.0001167.126	Pantex South SPE, COMM	321,467	27,972	116,712	108,969	67,813
391	Electric General	Miranda	A.0000863.058	Stanton Sub, V15 Fiber, COMM	307,807	26,784	111,753	104,339	64,932
392	Electric General	Miranda	A.0001167.127	Pantex North SPE, COMM	304,714	26,515	110,630	103,290	64,279
393	Electric General	Miranda	A.0000863.084	Sunset, T36 Fiber COMM	264,888	23,049	96,170	89,790	55,878
394	Electric General	Miranda	A.0000863.124	Plainview West, Z18 Fiber COMM	264,235	22,992	95,934	89,569	55,740
395	Electric General	Miranda	A.0000863.083	Northwest, T36 Fiber COMM	250,568	21,803	90,971	84,936	52,857
396	Electric General	Miranda	A.0000588.051	Gaines Co RTU, COMM	249,713	21,729	90,661	84,646	52,677
397	Electric General	Miranda	A.0006059.432	Tool Blanket TX Line	240,010	20,884	87,138	81,357	50,630
398	Electric General	Miranda	A.0000863.108	Bailey, V12 Fiber COMM	239,276	20,821	86,872	81,109	50,475
399	Electric General	Miranda	A.0000863.005	Eagle Creek Sub-W21 Fiber Comm	238,597	20,761	86,625	80,878	50,332
400	Electric General	Miranda	A.0000863.006	Eddy County Sub-W21 Fiber Comm	235,455	20,488	85,485	79,813	49,669

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401	Electric General	Miranda	A.0000863.042	Tuco Sub, V15 Fiber, COMM	234,877	20,438	85,275	79,617	49,547
402	Electric General	Miranda	A.0000863.051	Lubbock East Sub, V14 Fiber, COMM	234,705	20,423	85,212	79,559	49,511
403	Electric General	Miranda	A.0000863.087	Sundown Sub, K03 Fiber COMM	234,155	20,375	85,013	79,373	49,395
404	Electric General	Miranda	A.0000863.080	Castro Co, V37 Fiber COMM	233,227	20,294	84,676	79,058	49,199
405	Electric General	Miranda	A.0000863.107	Tolk, K30 Fiber COMM	227,936	19,834	82,755	77,264	48,083
406	Electric General	Miranda	A.0000863.117	Hereford, T58 Fiber COMM	222,765	19,384	80,877	75,512	46,992
407	Electric General	Miranda	A.0000863.086	Amoco Sw Sta, K03 Fiber COMM	220,977	19,228	80,228	74,906	46,615
408	Electric General	Miranda	A.0000863.120	Kress, V76 Fiber COMM	219,448	19,095	79,673	74,387	46,293
409	Electric General	Miranda	A.0000863.110	Cargill, T58 Fiber COMM	218,432	19,007	79,304	74,043	46,078
410	Electric General	Miranda	A.0000863.119	Kiser, Z18 Fiber COMM	218,246	18,991	79,237	73,980	46,039
411	Electric General	Miranda	A.0000863.021	Lamton Sub T29, W53 Fiber COMM	216,786	18,864	78,706	73,485	45,731
412	Electric General	Miranda	A.0000863.126	Swisher Co, W53,V76 Fiber COMM	216,104	18,804	78,459	73,254	45,587
413	Electric General	Miranda	A.0000863.022	Hale Co Sub, T29 Fiber COMM	214,930	18,702	78,033	72,856	45,339
414	Electric General	Miranda	A.0000863.079	Plant X, V37 Fiber COMM	214,123	18,632	77,740	72,582	45,169
415	Electric General	Miranda	A.0000863.041	Tuco Sub, V-14 Fiber, Comm	213,972	18,619	77,685	72,531	45,137
416	Electric General	Miranda	A.0000863.040	Hereford South Sub, COMM	208,464	18,139	75,685	70,664	43,975
417	Electric General	Miranda	A.0000863.039	Hereford Sub, U-45 Terminal, COMM	186,715	16,247	67,789	63,292	39,387
418	Electric General	Miranda	A.0000863.115	Hale Co, Z18 Fiber COMM	176,689	15,375	64,149	59,893	37,272
419	Electric General	Miranda	A.0000863.116	Hereford NE, T63 Fiber COMM	171,893	14,957	62,408	58,267	36,261
420	Electric General	Miranda	A.0006059.506	SPS Training Center Equipmen	159,684	13,895	57,975	54,129	33,685
421	Electric General	Miranda	A.0001433.010	Soncy, COMM	154,134	13,412	55,960	52,247	32,515
422	Electric General	Miranda	A.0001452.029	Allred COMM, RTCA	147,440	12,829	53,530	49,978	31,102
423	Electric General	Miranda	A.0000424.173	W39 Inst Switch for Enterprise	144,530	12,576	52,473	48,992	30,488
424	Electric General	Miranda	A.0001452.025	Oxy North COMM, RTCA	142,837	12,429	51,859	48,418	30,131
425	Electric General	Miranda	A.0001452.023	Cooper Ranch COMM, RTCA	142,615	12,410	51,778	48,343	30,085
426	Electric General	Miranda	A.0001459.046	Eagle Creek OT Cyber	141,744	12,334	51,462	48,048	29,901
427	Electric General	Miranda	A.0000401.161	Yuma, COMM	138,870	12,084	50,418	47,073	29,295
428	Electric General	Miranda	A.0001452.013	OXY Permian COMM, RTCA	138,734	12,072	50,369	47,027	29,266
429	Electric General	Miranda	A.0001452.022	Cortez COMM, RTCA	138,043	12,012	50,118	46,793	29,120
430	Electric General	Miranda	A.0001452.028	Apache COMM, RTCA	137,356	11,952	49,869	46,560	28,975
431	Electric General	Miranda	A.0001452.032	Oxy West COMM, RTCA	136,817	11,905	49,673	46,377	28,861
432	Electric General	Miranda	A.0000588.021	Allen RTU Rplmnt	135,335	11,776	49,135	45,875	28,549
433	Electric General	Miranda	A.0001452.027	Ward COMM, RTCA	135,251	11,769	49,104	45,847	28,531
434	Electric General	Miranda	A.0001452.024	Oxy Membrane COMM, RTCA	135,113	11,757	49,054	45,800	28,502
435	Electric General	Miranda	A.0001452.021	West Bender COMM, RTCA	133,629	11,628	48,515	45,297	28,189
436	Electric General	Miranda	A.0001452.002	XTO DI9 COMM, RTCA	133,442	11,611	48,448	45,234	28,150
437	Electric General	Miranda	A.0006059.436	SPS Ops Engineering Tools	132,603	11,538	48,143	44,949	27,973
438	Electric General	Miranda	A.0001452.004	IMC #1 COMM, RTCA	132,361	11,517	48,055	44,867	27,922
439	Electric General	Miranda	A.0001452.016	FEC CLOVIS COMM, RTCA	131,135	11,411	47,610	44,452	27,663
440	Electric General	Miranda	A.0001452.014	FEC CHEESE PLANT COMM, RTCA	130,737	11,376	47,465	44,316	27,579

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441	Electric General	Miranda	A.0001452.019	TEAGUE COMM, RTCA	130,710	11,374	47,456	44,307	27,573
442	Electric General	Miranda	A.0001452.020	Targa COMM, RTCA	130,463	11,352	47,366	44,224	27,521
443	Electric General	Miranda	A.0001433.011	So Georgia, COMM	128,710	11,200	46,730	43,630	27,151
444	Electric General	Miranda	A.0001459.058	Gray OT Cyber	127,357	11,082	46,238	43,171	26,866
445	Electric General	Miranda	A.0001459.062	Happy OT Cyber	127,357	11,082	46,238	43,171	26,866
446	Electric General	Miranda	A.0001459.140	Pringle OT Cyber	127,357	11,082	46,238	43,171	26,866
447	Electric General	Miranda	A.0001459.146	Riverview OT Cyber	127,357	11,082	46,238	43,171	26,866
448	Electric General	Miranda	A.0006059.434	SPS Training Center Tools	125,005	10,877	45,384	42,373	26,370
449	Electric General	Miranda	A.0000863.122	Newhart, W52,W53,K88 Fiber COMM	124,968	10,874	45,371	42,361	26,362
450	Electric General	Miranda	A.0001459.177	Yoakum OT Cyber	116,992	10,180	42,475	39,657	24,680
451	Electric General	Miranda	A.0001452.015	FEC HOLLAND COMM, RTCA	115,896	10,085	42,077	39,286	24,448
452	Electric General	Miranda	A.0001459.077	Channing OT Cyber	108,879	9,474	39,530	36,907	22,968
453	Electric General	Miranda	A.0001459.056	Grapevine OT Cyber	107,934	9,392	39,187	36,587	22,769
454	Electric General	Miranda	A.0001459.111	Moore County OT Cyber	107,922	9,391	39,182	36,583	22,766
455	Electric General	Miranda	A.0001459.203	Tascosa OT Cyber	107,922	9,391	39,182	36,583	22,766
456	Electric General	Miranda	A.0001459.204	Vega City OT Cyber	107,922	9,391	39,182	36,583	22,766
457	Electric General	Miranda	A.0001452.017	FEC TUCUMCARI COMM, RTCA	101,430	8,826	36,825	34,382	21,397
458	Electric General	Miranda	A.0001459.048	Eddy County OT Cyber	100,381	8,735	36,444	34,027	21,175
459	Electric General	Miranda	A.0001658.003	Eagle Creek, COMM	91,845	7,992	33,345	31,133	19,375
460	Electric General	Miranda	A.0001459.081	Hobbs Gen OT Cyber	91,509	7,963	33,223	31,019	19,304
461	Electric General	Miranda	A.0001459.137	Portales OT Cyber	85,010	7,397	30,864	28,816	17,933
462	Electric General	Miranda	A.0001167.117	Mustang Intg, COMM	77,805	6,770	28,248	26,374	16,413
463	Electric General	Miranda	A.0001459.093	Kirby OT Cyber	75,659	6,583	27,469	25,646	15,960
464	Electric General	Miranda	A.0001459.047	East Plant OT Cyber	72,164	6,279	26,200	24,462	15,223
465	Electric General	Miranda	A.0001873.002	Hilmar Cheese RTCA, COMM	71,546	6,226	25,976	24,252	15,093
466	Electric General	Miranda	A.0001459.120	Northwest OT Cyber	71,323	6,206	25,895	24,177	15,046
467	Electric General	Miranda	A.0001459.063	Harrington OT Cyber	70,994	6,177	25,775	24,065	14,976
468	Electric General	Miranda	A.0001459.031	Coulter OT Cyber	70,366	6,123	25,547	23,852	14,844
469	Electric General	Miranda	A.0001459.036	Curry OT Cyber	70,366	6,123	25,547	23,852	14,844
470	Electric General	Miranda	A.0001459.059	Greyhound OT Cyber	70,366	6,123	25,547	23,852	14,844
471	Electric General	Miranda	A.0001459.064	Hereford OT Cyber	70,366	6,123	25,547	23,852	14,844
472	Electric General	Miranda	A.0001459.076	Castro County OT Cyber	70,366	6,123	25,547	23,852	14,844
473	Electric General	Miranda	A.0001459.080	Coburn Creek OT Cyber	70,366	6,123	25,547	23,852	14,844
474	Electric General	Miranda	A.0001459.084	Howard OT Cyber	70,366	6,123	25,547	23,852	14,844
475	Electric General	Miranda	A.0001459.114	NE Hereford OT Cyber	70,366	6,123	25,547	23,852	14,844
476	Electric General	Miranda	A.0001459.117	Newhart OT Cyber	70,366	6,123	25,547	23,852	14,844
477	Electric General	Miranda	A.0001459.159	South Georgia OT Cyber	70,366	6,123	25,547	23,852	14,844
478	Electric General	Miranda	A.0001459.171	Wheeler County OT Cyber	70,366	6,123	25,547	23,852	14,844
479	Electric General	Miranda	A.0001459.183	Buffalo OT Cyber	70,366	6,123	25,547	23,852	14,844
480	Electric General	Miranda	A.0001459.187	Dawn OT Cyber	70,366	6,123	25,547	23,852	14,844

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Plant Additions by Project and Elements of Cost, Rule Reference 17.1.3.16

Line No.	Asset Class	Witness	WBS Level 2	Project Description (WBS Level 2 Description)	Linkage Period Total	Linkage Period Labor	Linkage Period Contract Work	Linkage Period Supplies and Materials	Linkage Period Other
481	Electric General	Miranda	A.0001459.206	White Deer OT Cyber	70,366	6,123	25,547	23,852	14,844
482	Electric General	Miranda	A.0001459.040	Deaf Smith County OT Cyber	70,361	6,122	25,545	23,850	14,843
483	Electric General	Miranda	A.0001459.095	Kress OT Cyber	70,361	6,122	25,545	23,850	14,843
484	Electric General	Miranda	A.0001459.164	Swisher County OT Cyber	70,361	6,122	25,545	23,850	14,843
485	Electric General	Miranda	A.0001459.185	Canyon East OT Cyber	70,361	6,122	25,545	23,850	14,843
486	Electric General	Miranda	A.0001459.038	Dalhart OT Cyber	70,265	6,114	25,510	23,818	14,822
487	Electric General	Miranda	A.0001459.039	Dallam County OT Cyber	70,265	6,114	25,510	23,818	14,822
488	Electric General	Miranda	A.0001459.045	Dumas 19th Street OT Cyber	70,265	6,114	25,510	23,818	14,822
489	Electric General	Miranda	A.0001459.066	Hillside OT Cyber	70,265	6,114	25,510	23,818	14,822
490	Electric General	Miranda	A.0001459.126	Outpost OT Cyber	70,265	6,114	25,510	23,818	14,822
491	Electric General	Miranda	A.0001459.135	Plant X OT Cyber	70,265	6,114	25,510	23,818	14,822
492	Electric General	Miranda	A.0001459.149	Roosevelt County OT Cyber	70,265	6,114	25,510	23,818	14,822
493	Electric General	Miranda	A.0001459.176	XIT OT Cyber	70,265	6,114	25,510	23,818	14,822
494	Electric General	Miranda	A.0001459.207	Wilderado OT Cyber	70,265	6,114	25,510	23,818	14,822
495	Electric General	Miranda	A.0001459.163	Sunset OT Cyber	70,248	6,113	25,504	23,812	14,819
496	Electric General	Miranda	A.0001459.168	Tolk OT Cyber	70,248	6,113	25,504	23,812	14,819
497	Electric General	Miranda	A.0001459.179	Kiowa OT Cyber	70,248	6,113	25,504	23,812	14,819
498	Electric General	Miranda	A.0001459.139	Potter County OT Cyber	69,481	6,046	25,226	23,552	14,657
499	Electric General	Miranda	A.0001459.192	Lipscomb OT Cyber	69,191	6,021	25,121	23,454	14,596
500	Electric General	Miranda	A.0001459.141	Puckett West OT Cyber	68,383	5,950	24,827	23,180	14,425
501	Electric General	Miranda	A.0001459.118	Nichols OT Cyber	67,214	5,849	24,403	22,784	14,179
502	Electric General	Miranda	A.0001459.202	Skunk Creek OT Cyber	65,006	5,656	23,601	22,035	13,713
503	Electric General	Miranda	A.0006059.088	SPS Sys Protect Comm Eng Testing Eq	48,481	4,219	17,601	16,434	10,227
504	Electric General	Miranda	A.0000710.093	Hobbs Gen Phy Sec, COMM	34,152	2,972	12,399	11,577	7,204
505	Electric General	Miranda	A.0001167.108	Hockley Co SPE Comm	11,908	1,036	4,323	4,036	2,512
506	Electric General	Miranda	A.0001664.009	CROSSROADS, Teleprotection Upgrade	11,160	971	4,052	3,783	2,354
507	Electric General	Miranda	A.0001664.010	Eddy County, Teleprotection Upgrade	9,300	809	3,376	3,152	1,962
508	Electric General	Miranda	A.0000710.047	Harrington Phys Sec Tx Comm	7,939	691	2,882	2,691	1,675
509	Electric General	Miranda	A.0005014.109	Gen Plt Ofc Furn TX	6,564	571	2,383	2,225	1,385
510	Electric General	Miranda	A.0000863.003	SPS Sub Comm Network Group 2 C	6,165	536	2,238	2,090	1,300
511	Electric General	Miranda	A.0001459.052	Finney OT Cyber	6,023	524	2,187	2,042	1,271
512	Electric General	Miranda	A.0000401.160	TUCO Switch, COMM	5,700	496	2,069	1,932	1,202
513	Electric General	Miranda	A.0000863.043	Exell Sub, T27 Fiber, COMM	5,580	486	2,026	1,891	1,177
514	Electric General	Miranda	A.0000863.113	Deaf Smith U-42/43	5,580	486	2,026	1,891	1,177
515	Electric General	Miranda	A.0001045.013	Tolk 230kV Sub COMM	5,000	435	1,815	1,695	1,055
516	Electric General	Miranda	A.0001452.010	Intrepid West COMM, RTCA	4,650	405	1,688	1,576	981
517	Electric General	Miranda	A.0001459.090	Jones OT Cyber	4,650	405	1,688	1,576	981
518	Electric General	Miranda	A.0001459.134	Perryton OT Cyber	4,650	405	1,688	1,576	981
519	Electric General	Miranda	A.0001452.006	Matador COMM, RTCA	4,000	348	1,452	1,356	844
520	Electric General	Miranda	A.0000863.071	Coulter Sub, V44 Fiber COMM	3,720	324	1,351	1,261	785

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Plant Additions by Project and Elements of Cost, Rule Reference 17.1.3.16

Line No.	Asset Class	Witness	WBS Level 2	Project Description (WBS Level 2 Description)	Linkage Period Total	Linkage Period Labor	Linkage Period Contract Work	Linkage Period Supplies and Materials	Linkage Period Other
521	Electric General	Miranda	A.0001459.075	Carpenter OT Cyber	3,520	306	1,278	1,193	743
522	Electric General	Miranda	A.0000863.045	Fain Sub, T27 Fiber, COMM	2,790	243	1,013	946	589
523	Electric General	Miranda	A.0000863.072	Owens Corning, V44 Fiber COMM	2,790	243	1,013	946	589
524	Electric General	Miranda	A.0000863.114	Estacado, V44 Fiber COMM	2,790	243	1,013	946	589
525	Electric General	Miranda	A.0000863.044	Nichols Sub, T27 Fiber, COMM	2,325	202	844	788	490
526	Electric General	Miranda	A.0001452.018	OXY ODC COMM, RTCA	2,325	202	844	788	490
527	Electric General	Miranda	A.0001459.030	Cole OT Cyber	1,860	162	675	630	392
528	Electric General	Miranda	A.0001459.074	Carlsbad OT Cyber	1,860	162	675	630	392
529	Electric General	Miranda	A.0000863.018	Moore Co Sub, T25 Fiber COMM	1,395	121	506	473	294
530	Electric General	Miranda	A.0001384.004	Inst W76 115kV Comm	973	85	353	330	205
531	Electric General	Miranda	A.0000863.019	Dumas 19th St Sub, T25 Fiber COMM	930	81	338	315	196
532	Electric General	Miranda	A.0000863.063	Dumas 19th St Sub, T27 Fiber COMM	930	81	338	315	196
533	Electric General	Miranda	A.0001664.008	TOLK, Teleprotection Upgrade	930	81	338	315	196
534	Electric General	Miranda	A.0000863.028	Deaf Smith Sub, W40 Fiber COMM	843	73	306	286	178
535	Electric General	Miranda	A.0000710.008	SPS Physical Security Comm	803	70	291	272	169
536	Electric General	Miranda	A.0005014.084	New Mexico Substation Furnitur	400	35	145	136	84
537	Electric General	Miranda	A.0000588.039	Lyons RTU Replacement	376	33	136	127	79
538	Electric General	Miranda	A.0000588.041	Sherman Co RTU Replacement	376	33	136	127	79
539	Electric General	Miranda	A.0000556.023	Cunningham - DFR	362	31	131	123	76
540	Electric General	Miranda	A.0000710.007	NM Physical Security Comm	200	17	73	68	42
541	Electric General	Miranda	A.0000863.048	Allen Sub, T83 Fiber, COMM	134	12	48	45	28
542	Electric General	Miranda	A.0000588.038	Brasher RTU Replacement	93	8	34	32	20
543	Electric General	Miranda	A.0000588.040	Carson Co RTU Replacement	93	8	34	32	20
544	Electric General	Miranda	A.0001452.026	Oxy West COMM, RTCA	18	2	7	6	4
545	Electric General	Miranda	A.0006059.433	Tools Training Center SPS	8	1	3	3	2
546	Electric General	Miranda	A.0000290.009	Seven Rivers Upgr Eddy Term COMM	1	0	0	0	0
547	Electric General	Miranda	A.0000436.001	Amoco Switch Station-Fault Rec	0	0	0	0	0
548	Electric General	Miranda	A.0000153.003	SPS Trans Switch Comm	0	0	0	0	0
549	Electric General	Miranda	A.0001664.003	South Georgia, Teleprotection Upgra	0	0	0	0	0
550	Electric General	Miranda	A.0000401.067	Floyd Co Y77 Z36 Relay Rplcmnts Com	(129)	(11)	(47)	(44)	(27)
551	Electric Intangible	Miranda	A.0000855.012	SPS Transmission UAV - 2022	836,133	50,274	326,114	684	459,060
552	Grand Total				\$ 295,652,981	\$ 26,431,503	\$ 86,631,614	\$ 37,939,592	\$ 144,650,272

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Transmission Capital Additions by Project Group for the Linkage Period of July 1, 2022, through June 30, 2023

(A)	(B)	(C)	(D)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
1	Electric Transmission	AMARILLO NORTH SUB RETIREMENT	A.0001684.001	Ama N Sub Retirement			
2	Electric Transmission	AMARILLO NORTH SUB RETIREMENT	A.0001684.001	Ama N Sub Retirement			
3	Electric Transmission	AMARILLO NORTH SUB RETIREMENT	A.0001684.002	Y66 Line Retirement			
4	Electric Transmission	AMARILLO NORTH SUB RETIREMENT	A.0001684.002	Y66 Line Retirement			
5	Electric Transmission	AMARILLO NORTH SUB RETIREMENT	A.0001684.002	Y66 Line Retirement			
6	Electric Transmission	AMARILLO NORTH SUB RETIREMENT	A.0001684.002	Y66 Line Retirement			
7	Electric Transmission	AMARILLO NORTH SUB RETIREMENT	A.0001684.003	Z34 Line Retirement			
8	Electric Transmission	AMARILLO NORTH SUB RETIREMENT	A.0001684.003	Z34 Line Retirement			
9	Electric Transmission	AMARILLO NORTH SUB RETIREMENT	A.0001684.003	Z34 Line Retirement			
10	Electric Transmission	AMARILLO NORTH SUB RETIREMENT	A.0001684.003	Z34 Line Retirement			
11	Electric Transmission	AMARILLO NORTH SUB RETIREMENT	A.0001684.004	NW SS-Frying Pan Rnch-Sw 2749, Line			
12	Electric Transmission	AMARILLO NORTH SUB RETIREMENT	A.0001684.004	NW SS-Frying Pan Rnch-Sw 2749, Line			
13	Electric Transmission	AMARILLO NORTH SUB RETIREMENT	A.0001684.004	NW SS-Frying Pan Rnch-Sw 2749, Line			
14	Electric Transmission	AMARILLO NORTH SUB RETIREMENT	A.0001684.004	NW SS-Frying Pan Rnch-Sw 2749, Line			
15	Electric Transmission	AMARILLO NORTH SUB RETIREMENT	A.0001684.006	NW-SW 2749-Z91, ROW			
16	Electric Transmission	AMARILLO NORTH SUB RETIREMENT Total			This project installed the necessary facilities to retire the Amarillo North Switching Station. This one-breaker switching station used a circuit breaker that was at the end of its useful life and needed to be replaced. System configuration changes over the years allowed this switching station to be removed without degrading the reliability of the system. This project installed two transmission structures and the necessary conductor to connect the existing circuits to bypass the switching station. The switching station and 11 transmission structures were removed.	SPS Zonal	SR
17	Electric Transmission	Amherst Tap Rebuild	A.0001375.001	Amherst Tap Rebuild Line			
18	Electric Transmission	Amherst Tap Rebuild	A.0001375.001	Amherst Tap Rebuild Line			
19	Electric Transmission	Amherst Tap Rebuild	A.0001375.002	Amherst Tap, ROW			
20	Electric Transmission	Amherst Tap Rebuild Total			This project replaced a line switch and approximately 0.2 miles of transmission line on the tap into Amherst Substation from the 69-kV line Y-80. This work replaced a non-functional line switch that was not repairable and replaced a section of line that was a reliability concern because of the age and condition of the facilities and because the lightning protection in this section of line was not adequate.	SPS Zonal	SR
21	Electric Transmission	Atoka-Eagle Creek	A.0000540.001	Atoka-Eagle Creek 115 kV Line			
22	Electric Transmission	Atoka-Eagle Creek	A.0000540.001	Atoka-Eagle Creek 115 kV Line			
23	Electric Transmission	Atoka-Eagle Creek	A.0000540.001	Atoka-Eagle Creek 115 kV Line			
24	Electric Transmission	Atoka-Eagle Creek	A.0000540.001	Atoka-Eagle Creek 115 kV Line			
25	Electric Transmission	Atoka-Eagle Creek Total			This project constructed a 115-kV transmission line between the Atoka and Eagle Creek Substations near Artesia, New Mexico. The project is needed to address low voltages in the area. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
26	Electric Transmission	Breaker Failure Monitoring	A.0001479.077	TUCO BFM			
27	Electric Transmission	Breaker Failure Monitoring	A.0001479.077	TUCO BFM			
28	Electric Transmission	Breaker Failure Monitoring	A.0001479.078	Tierra Blanca BFM			
29	Electric Transmission	Breaker Failure Monitoring	A.0001479.078	Tierra Blanca BFM			
30	Electric Transmission	Breaker Failure Monitoring Total			This project installed equipment to automate the monitoring and testing of circuit breaker condition. This project more fully uses the capabilities of the existing relays to automate existing processes, thereby saving time and money.	SPS Zonal	OT
31	Electric Transmission	Caveman DCP Sub	A.0001414.008	Caveman T62, ROW			
32	Electric Transmission	Caveman DCP Sub	A.0001414.009	Caveman T62, Line			
33	Electric Transmission	Caveman DCP Sub	A.0001414.009	Caveman T62, Line			
34	Electric Transmission	Caveman DCP Sub	A.0001414.009	Caveman T62, Line			
35	Electric Transmission	Caveman DCP Sub	A.0001414.009	Caveman T62, Line			
36	Electric Transmission	Caveman DCP Sub	A.0001414.010	Caveman T62 TLine Tap, DCP			
37	Electric Transmission	Caveman DCP Sub	A.0001414.010	Caveman T62 TLine Tap, DCP			

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(A)	(B)	(C)	(D)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
38	Electric Transmission	Caveman DCP Sub Total			This project installed a 1.5 mile transmission line tap from the existing 115-kV transmission line T-62 and the transmission substation components needed to provide service to the new Caveman distribution substation located in northwest Carlsbad, New Mexico. SPS Distribution requested a transmission delivery point to this new substation.	SPS Zonal/Customer Funded	LI
39	Electric Transmission	Center Port DCP Sub	A.0001434.008	Nichols, V03 Relay Upgrade			
40	Electric Transmission	Center Port DCP Sub	A.0001434.008	Nichols, V03 Relay Upgrade			
41	Electric Transmission	Center Port DCP Sub Total			This project installed the transmission line tap from the existing 115-kV transmission line V-03 and the transmission substation components needed to provide service to the new CenterPort distribution substation located in Amarillo, Texas. SPS Distribution requested a transmission delivery point to this new substation.	SPS Zonal	LI
42	Electric Transmission	Coulter XFMR Oil Containment	A.0005527.002	Coulter XFMR Oil Containment			
43	Electric Transmission	Coulter XFMR Oil Containment	A.0005527.002	Coulter XFMR Oil Containment			
44	Electric Transmission	Coulter XFMR Oil Containment Total			This project installed oil containment for both transformers #1 and #2 at Coulter Substation to contain any oil spills from these transformers. Changes to the use of McDonald Lake adjacent to the substation dictated the need to address the Spill Prevention, Control, and Countermeasure mitigations at this substation.	SPS Zonal	SR
45	Electric Transmission	Curry to Bailey 115kV	A.0000610.002	Curry to Bailey 115kV New Line			
46	Electric Transmission	Curry to Bailey 115kV	A.0000610.002	Curry to Bailey 115kV New Line			
47	Electric Transmission	Curry to Bailey 115kV	A.0000610.002	Curry to Bailey 115kV New Line			
48	Electric Transmission	Curry to Bailey 115kV Total			This project constructed a new 115-kV line from the Curry County Substation near Clovis, New Mexico to the Bailey County Substation near Muleshoe, Texas. The project was needed to address low voltage at the Bailey County Substation. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
49	Electric Transmission	CVA Mitigation	A.0000286.005	Horz Cap and Pin Replacement TX			
50	Electric Transmission	CVA Mitigation	A.0000286.005	Horz Cap and Pin Replacement TX			
51	Electric Transmission	CVA Mitigation	A.0000286.010	Sundown 115 kV Cap Bank Protect (CV			
52	Electric Transmission	CVA Mitigation	A.0000286.010	Sundown 115 kV Cap Bank Protect (CV			
53	Electric Transmission	CVA Mitigation	A.0000286.024	Denver City Ground Grid			
54	Electric Transmission	CVA Mitigation	A.0000286.024	Denver City Ground Grid			
55	Electric Transmission	CVA Mitigation	A.0000286.025	Hale County Ground Grid			
56	Electric Transmission	CVA Mitigation	A.0000286.025	Hale County Ground Grid			
57	Electric Transmission	CVA Mitigation	A.0000286.026	Sundown Ground Grid			
58	Electric Transmission	CVA Mitigation	A.0000286.026	Sundown Ground Grid			
59	Electric Transmission	CVA Mitigation	A.0000286.027	Sundown Rplc CCVT T31B/V56B			
60	Electric Transmission	CVA Mitigation	A.0000286.027	Sundown Rplc CCVT T31B/V56B			
61	Electric Transmission	CVA Mitigation	A.0000286.028	Taylor SS Rplc CCVT T13B			
62	Electric Transmission	CVA Mitigation	A.0000286.028	Taylor SS Rplc CCVT T13B			
63	Electric Transmission	CVA Mitigation Total			This project replaced various pieces of equipment that were identified by the Common Vulnerability Assessment (CVA) program. The CVA program identifies specific pieces of equipment that have a history of failing across all of the Xcel Energy transmission systems and works to proactively replace the remaining pieces of equipment still in service before they fail.	SPS Zonal	SR
64	Electric Transmission	DCP Demon T1 & T2	A.0001749.005	T25 TLine, TAM			
65	Electric Transmission	DCP Demon T1 & T2	A.0001749.005	T25 TLine, TAM			
66	Electric Transmission	DCP Demon T1 & T2 Total			This project installed a transmission tap line approximately 2.7 miles in length from the existing 115-kV transmission line T-25 and the transmission substation components needed to provide service to the new Demon distribution substation located in Dumas, Texas. SPS Distribution requested a transmission delivery point to this new substation.	SPS Zonal/Customer Funded	LI
67	Electric Transmission	DCP Lawrence Park Substation	A.0001433.005	Lawrence Park Sub, TAM			
68	Electric Transmission	DCP Lawrence Park Substation	A.0001433.006	Soncy Sub Rly Rplcmnts, Z40 Term			
69	Electric Transmission	DCP Lawrence Park Substation	A.0001433.006	Soncy Sub Rly Rplcmnts, Z40 Term			
70	Electric Transmission	DCP Lawrence Park Substation	A.0001433.007	South Georgia Sub Rly Rplcmnts, Z23			

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Transmission Capital Additions by Project Group for the Linkage Period of July 1, 2022, through June 30, 2023

(A)	(B)	(C)	(D)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
71	Electric Transmission	DCP Lawrence Park Substation	A.0001433.007	South Georgia Sub Rly Rplcmnts, Z23			
72	Electric Transmission	DCP Lawrence Park Substation	A.0001433.008	Coulter Sub, SEL 2506			
73	Electric Transmission	DCP Lawrence Park Substation	A.0001433.008	Coulter Sub, SEL 2506			
74	Electric Transmission	DCP Lawrence Park Substation Total			This project replaced the existing Lawrence Park Substation with a new distribution substation at the same location. The existing Lawrence Park substation equipment had reached the end of life and needed to be replaced. This project installed the needed transmission substation components to continue to use the existing transmission lines Z-23 and Z-40 to provide service to this substation.	SPS Zonal	SR
75	Electric Transmission	Eagle Creek Expansion	A.0001658.001	Eagle Creek, Sub			
76	Electric Transmission	Eagle Creek Expansion	A.0001658.001	Eagle Creek, Sub			
77	Electric Transmission	Eagle Creek Expansion	A.0001658.004	W20, Line Retirement			
78	Electric Transmission	Eagle Creek Expansion	A.0001658.004	W20, Line Retirement			
79	Electric Transmission	Eagle Creek Expansion	A.0001658.004	W20, Line Retirement			
80	Electric Transmission	Eagle Creek Expansion	A.0001658.004	W20, Line Retirement			
81	Electric Transmission	Eagle Creek Expansion	A.0001658.005	W92, Line Reterm			
82	Electric Transmission	Eagle Creek Expansion	A.0001658.005	W92, Line Reterm			
83	Electric Transmission	Eagle Creek Expansion	A.0001658.006	Z08, Line Retirement			
84	Electric Transmission	Eagle Creek Expansion	A.0001658.006	Z08, Line Retirement			
85	Electric Transmission	Eagle Creek Expansion	A.0001658.006	Z08, Line Retirement			
86	Electric Transmission	Eagle Creek Expansion	A.0001658.007	Z56, Line Retirement			
87	Electric Transmission	Eagle Creek Expansion	A.0001658.007	Z56, Line Retirement			
88	Electric Transmission	Eagle Creek Expansion	A.0001658.007	Z56, Line Retirement			
89	Electric Transmission	Eagle Creek Expansion	A.0001658.008	Z75, Line Retirement			
90	Electric Transmission	Eagle Creek Expansion	A.0001658.008	Z75, Line Retirement			
91	Electric Transmission	Eagle Creek Expansion	A.0001658.009	Z89, Eagle Creek to Atoka, Line			
92	Electric Transmission	Eagle Creek Expansion	A.0001658.009	Z89, Eagle Creek to Atoka, Line			
93	Electric Transmission	Eagle Creek Expansion	A.0001658.009	Z89, Eagle Creek to Atoka, Line			
94	Electric Transmission	Eagle Creek Expansion	A.0001658.010	Z90, Eagle Creek to Roswell, Line			
95	Electric Transmission	Eagle Creek Expansion	A.0001658.010	Z90, Eagle Creek to Roswell, Line			
96	Electric Transmission	Eagle Creek Expansion	A.0001658.010	Z90, Eagle Creek to Roswell, Line			
97	Electric Transmission	Eagle Creek Expansion Total			This project expanded the Eagle Creek Substation and retired Artesia Interchange. Both 115/69-kV transformers at Artesia Interchange were at the end of their useful lives and needed to be replaced. Instead of replacing these transformers at Artesia Interchange, the 69-kV bus at nearby Eagle Creek Substation was expanded and the new transformers were installed there. Additionally, the 115-kV and 69-kV lines at Artesia Interchange were reconnected to Eagle Creek Substation. Artesia Interchange was removed from service at the completion of the Eagle Creek Substation project.	SPS Zonal	SR
98	Electric Transmission	Echo DCP Sub	A.0001432.006	Echo U11, Line			
99	Electric Transmission	Echo DCP Sub	A.0001432.006	Echo U11, Line			
100	Electric Transmission	Echo DCP Sub	A.0001432.006	Echo U11, Line			
101	Electric Transmission	Echo DCP Sub	A.0001432.006	Echo U11, Line			
102	Electric Transmission	Echo DCP Sub	A.0001432.008	East Plant Rly Upgd, U11 Term			
103	Electric Transmission	Echo DCP Sub	A.0001432.008	East Plant Rly Upgd, U11 Term			
104	Electric Transmission	Echo DCP Sub	A.0001432.009	Rolling Hills Rly Upgd, U11 Term			
105	Electric Transmission	Echo DCP Sub	A.0001432.009	Rolling Hills Rly Upgd, U11 Term			
106	Electric Transmission	Echo DCP Sub Total			This project installed a transmission tap from the existing 115-kV transmission line U-11 and the transmission substation components needed to provide service to the new Echo distribution substation located in northeast Amarillo, Texas. SPS Distribution requested a transmission delivery point to this new substation.	SPS Zonal/Customer Funded	RE/LI
107	Electric Transmission	Eddy County Dbl Bus Dbl Brker 230kV	A.0000290.011	Eddy County Siemens SVC HMI MOD			
108	Electric Transmission	Eddy County Dbl Bus Dbl Brker 230kV	A.0000290.011	Eddy County Siemens SVC HMI MOD			

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(A)	(B)	(C)	(D)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
109	Electric Transmission	Eddy County Dbl Bus Dbl Brkr 230kV Total			This project reconfigured the existing Eddy County Interchange 230-kV bus from a main and transfer bus design to a double bus-double breaker arrangement. This project was required to meet long-term firm transmission service requests in the SPP Aggregate Facility Study SPP-2013-AG3-AFS-6. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
110	Electric Transmission	ELR - Breakers - SPS	A.0000640.040	Lubbock South Rple Bkr 6810/6820			
111	Electric Transmission	ELR - Breakers - SPS	A.0000640.040	Lubbock South Rple Bkr 6810/6820			
112	Electric Transmission	ELR - Breakers - SPS	A.0000640.043	Moore Co M952/962 Brk Rplemnt			
113	Electric Transmission	ELR - Breakers - SPS	A.0000640.043	Moore Co M952/962 Brk Rplemnt			
114	Electric Transmission	ELR - Breakers - SPS	A.0000640.044	Cox Sub 3830/3834 Rplemnt			
115	Electric Transmission	ELR - Breakers - SPS	A.0000640.044	Cox Sub 3830/3834 Rplemnt			
116	Electric Transmission	ELR - Breakers - SPS	A.0000640.047	Cochran Co, Rple Brkr 7830			
117	Electric Transmission	ELR - Breakers - SPS	A.0000640.047	Cochran Co, Rple Brkr 7830			
118	Electric Transmission	ELR - Breakers - SPS	A.0000640.048	Cochran Co, Rple Brkr 7835			
119	Electric Transmission	ELR - Breakers - SPS	A.0000640.048	Cochran Co, Rple Brkr 7835			
120	Electric Transmission	ELR - Breakers - SPS	A.0000640.049	Cochran Co, Rple Brkr 7825			
121	Electric Transmission	ELR - Breakers - SPS	A.0000640.049	Cochran Co, Rple Brkr 7825			
122	Electric Transmission	ELR - Breakers - SPS	A.0000640.050	Cochran Co, Rple Brkr 7840			
123	Electric Transmission	ELR - Breakers - SPS	A.0000640.050	Cochran Co, Rple Brkr 7840			
124	Electric Transmission	ELR - Breakers - SPS	A.0000640.054	Denver City, Rple Brkr W960			
125	Electric Transmission	ELR - Breakers - SPS	A.0000640.054	Denver City, Rple Brkr W960			
126	Electric Transmission	ELR - Breakers - SPS	A.0000640.055	Denver City, Rple Brkr W980			
127	Electric Transmission	ELR - Breakers - SPS	A.0000640.055	Denver City, Rple Brkr W980			
128	Electric Transmission	ELR - Breakers - SPS	A.0000640.056	Denver City, Rple Brkr W990			
129	Electric Transmission	ELR - Breakers - SPS	A.0000640.056	Denver City, Rple Brkr W990			
130	Electric Transmission	ELR - Breakers - SPS	A.0000640.057	Bailey Co, Rple Brkr 3860			
131	Electric Transmission	ELR - Breakers - SPS	A.0000640.057	Bailey Co, Rple Brkr 3860			
132	Electric Transmission	ELR - Breakers - SPS	A.0000640.058	Bailey Co, Rple Brkr 3867			
133	Electric Transmission	ELR - Breakers - SPS	A.0000640.058	Bailey Co, Rple Brkr 3867			
134	Electric Transmission	ELR - Breakers - SPS	A.0000640.060	Carlisle, Rple Brkr 6935			
135	Electric Transmission	ELR - Breakers - SPS	A.0000640.060	Carlisle, Rple Brkr 6935			
136	Electric Transmission	ELR - Breakers - SPS	A.0000640.062	Carlisle, Rple Brkr 6890			
137	Electric Transmission	ELR - Breakers - SPS	A.0000640.062	Carlisle, Rple Brkr 6890			
138	Electric Transmission	ELR - Breakers - SPS	A.0000640.063	Carlisle, Rple Brkr 6920			
139	Electric Transmission	ELR - Breakers - SPS	A.0000640.063	Carlisle, Rple Brkr 6920			
140	Electric Transmission	ELR - Breakers - SPS	A.0000640.064	Carlisle, Rple Brkr 6995			
141	Electric Transmission	ELR - Breakers - SPS	A.0000640.064	Carlisle, Rple Brkr 6995			
142	Electric Transmission	ELR - Breakers - SPS	A.0000640.065	Carlisle, Rple Brkr 7905			
143	Electric Transmission	ELR - Breakers - SPS	A.0000640.065	Carlisle, Rple Brkr 7905			
144	Electric Transmission	ELR - Breakers - SPS	A.0000640.066	Cochran Co, Rple Brkr 7845			
145	Electric Transmission	ELR - Breakers - SPS	A.0000640.066	Cochran Co, Rple Brkr 7845			
146	Electric Transmission	ELR - Breakers - SPS	A.0000640.068	Happy, Rple Brkr 3786			
147	Electric Transmission	ELR - Breakers - SPS	A.0000640.068	Happy, Rple Brkr 3786			
148	Electric Transmission	ELR - Breakers - SPS	A.0000640.069	Happy, Rple Brkr 3798			
149	Electric Transmission	ELR - Breakers - SPS	A.0000640.069	Happy, Rple Brkr 3798			
150	Electric Transmission	ELR - Breakers - SPS	A.0000640.070	Sundown, Rple Brkr 6K30			
151	Electric Transmission	ELR - Breakers - SPS	A.0000640.070	Sundown, Rple Brkr 6K30			
152	Electric Transmission	ELR - Breakers - SPS	A.0000640.071	Sundown, Rple Brkr 6K60			
153	Electric Transmission	ELR - Breakers - SPS	A.0000640.071	Sundown, Rple Brkr 6K60			
154	Electric Transmission	ELR - Breakers - SPS	A.0000640.072	Sundown, Rple Brkr 6K15			
155	Electric Transmission	ELR - Breakers - SPS	A.0000640.072	Sundown, Rple Brkr 6K15			
156	Electric Transmission	ELR - Breakers - SPS	A.0000640.073	Sundown, Rple Brkr 6K20			
157	Electric Transmission	ELR - Breakers - SPS	A.0000640.073	Sundown, Rple Brkr 6K20			
158	Electric Transmission	ELR - Breakers - SPS	A.0000640.074	Sundown, Rple Brkr 6K40			
159	Electric Transmission	ELR - Breakers - SPS	A.0000640.074	Sundown, Rple Brkr 6K40			

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(A)	(B)	(C)	(D)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
160	Electric Transmission	ELR - Breakers - SPS	A.0000640.075	Lamb Co Rplc Brkr 9740			
161	Electric Transmission	ELR - Breakers - SPS	A.0000640.075	Lamb Co Rplc Brkr 9740			
162	Electric Transmission	ELR - Breakers - SPS	A.0000640.077	Lamb Co Rplc Brkr 3968			
163	Electric Transmission	ELR - Breakers - SPS	A.0000640.077	Lamb Co Rplc Brkr 3968			
164	Electric Transmission	ELR - Breakers - SPS	A.0000640.085	Bushland Rplc Brkr 2K10			
165	Electric Transmission	ELR - Breakers - SPS	A.0000640.085	Bushland Rplc Brkr 2K10			
166	Electric Transmission	ELR - Breakers - SPS	A.0000640.086	Bushland Rplc Brkr 2K05			
167	Electric Transmission	ELR - Breakers - SPS	A.0000640.086	Bushland Rplc Brkr 2K05			
168	Electric Transmission	ELR - Breakers - SPS	A.0000640.090	Gaines Co Rplc Brkr 7700			
169	Electric Transmission	ELR - Breakers - SPS	A.0000640.090	Gaines Co Rplc Brkr 7700			
170	Electric Transmission	ELR - Breakers - SPS	A.0000640.091	Gaines Co Rplc Brkr 7735			
171	Electric Transmission	ELR - Breakers - SPS	A.0000640.091	Gaines Co Rplc Brkr 7735			
172	Electric Transmission	ELR - Breakers - SPS	A.0000640.093	Lamb Co Rplc Brkr 3838			
173	Electric Transmission	ELR - Breakers - SPS	A.0000640.093	Lamb Co Rplc Brkr 3838			
174	Electric Transmission	ELR - Breakers - SPS	A.0000640.094	Lamb Co Rplc Brkr 3842			
175	Electric Transmission	ELR - Breakers - SPS	A.0000640.094	Lamb Co Rplc Brkr 3842			
176	Electric Transmission	ELR - Breakers - SPS	A.0000640.095	Lamb Co Rplc Brkr 3846			
177	Electric Transmission	ELR - Breakers - SPS	A.0000640.095	Lamb Co Rplc Brkr 3846			
178	Electric Transmission	ELR - Breakers - SPS	A.0000640.096	Lamb Co Rplc Brkr 3850			
179	Electric Transmission	ELR - Breakers - SPS	A.0000640.096	Lamb Co Rplc Brkr 3850			
180	Electric Transmission	ELR - Breakers - SPS	A.0000640.097	Lamb Co Rplc Brkr 3964			
181	Electric Transmission	ELR - Breakers - SPS	A.0000640.097	Lamb Co Rplc Brkr 3964			
182	Electric Transmission	ELR - Breakers - SPS	A.0000640.100	Cunningham Rplc Brkr LK50 NM			
183	Electric Transmission	ELR - Breakers - SPS	A.0000640.100	Cunningham Rplc Brkr LK50 NM			
184	Electric Transmission	ELR - Breakers - SPS	A.0000640.101	Cunningham Rplc Brkr LK45 NM			
185	Electric Transmission	ELR - Breakers - SPS	A.0000640.101	Cunningham Rplc Brkr LK45 NM			
186	Electric Transmission	ELR - Breakers - SPS	A.0000640.102	Terry Co, Rplc Brkr 8990			
187	Electric Transmission	ELR - Breakers - SPS	A.0000640.102	Terry Co, Rplc Brkr 8990			
188	Electric Transmission	ELR - Breakers - SPS	A.0000640.103	Terry Co, Rplc Brkr 6990			
189	Electric Transmission	ELR - Breakers - SPS	A.0000640.103	Terry Co, Rplc Brkr 6990			
190	Electric Transmission	ELR - Breakers - SPS	A.0000640.104	Terry Co, Rplc Brkr 6910			
191	Electric Transmission	ELR - Breakers - SPS	A.0000640.104	Terry Co, Rplc Brkr 6910			
192	Electric Transmission	ELR - Breakers - SPS	A.0000640.105	Tuco, Rplc Brkr NR05			
193	Electric Transmission	ELR - Breakers - SPS	A.0000640.105	Tuco, Rplc Brkr NR05			
194	Electric Transmission	ELR - Breakers - SPS	A.0000640.107	Terry Co, Rplc Brkr 8980			
195	Electric Transmission	ELR - Breakers - SPS	A.0000640.107	Terry Co, Rplc Brkr 8980			
196	Electric Transmission	ELR - Breakers - SPS	A.0000640.118	Roswell Intg, Rplc Brkr 4600			
197	Electric Transmission	ELR - Breakers - SPS	A.0000640.118	Roswell Intg, Rplc Brkr 4600			
198	Electric Transmission	ELR - Breakers - SPS	A.0000640.119	Castro Co, Rplc Brkr 5870, 8821, 97			
199	Electric Transmission	ELR - Breakers - SPS	A.0000640.119	Castro Co, Rplc Brkr 5870, 8821, 97			
200	Electric Transmission	ELR - Breakers - SPS	A.0000640.120	Castro Co, Rplc Brkr 9710			
201	Electric Transmission	ELR - Breakers - SPS	A.0000640.120	Castro Co, Rplc Brkr 9710			
202	Electric Transmission	ELR - Breakers - SPS	A.0000640.121	Castro Co, Rplc Brkr 8821			
203	Electric Transmission	ELR - Breakers - SPS	A.0000640.121	Castro Co, Rplc Brkr 8821			
204	Electric Transmission	ELR - Breakers - SPS	A.0000640.129	Hale County, Rplc Brkr 8736			
205	Electric Transmission	ELR - Breakers - SPS	A.0000640.129	Hale County, Rplc Brkr 8736			
206	Electric Transmission	ELR - Breakers - SPS	A.0000640.130	Hale County, Rplc Brkr 8740			
207	Electric Transmission	ELR - Breakers - SPS	A.0000640.130	Hale County, Rplc Brkr 8740			
208	Electric Transmission	ELR - Breakers - SPS	A.0000640.131	Hale County, Rplc Brkr 8880			
209	Electric Transmission	ELR - Breakers - SPS	A.0000640.131	Hale County, Rplc Brkr 8880			
210	Electric Transmission	ELR - Breakers - SPS	A.0000640.132	Hale County, Rplc Brkr 8884			
211	Electric Transmission	ELR - Breakers - SPS	A.0000640.132	Hale County, Rplc Brkr 8884			
212	Electric Transmission	ELR - Breakers - SPS	A.0000640.133	Hale County, Rplc Brkr 8900			
213	Electric Transmission	ELR - Breakers - SPS	A.0000640.133	Hale County, Rplc Brkr 8900			

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(A)	(B)	(C)	(D)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
214	Electric Transmission	ELR - Breakers - SPS Total			The term "ELR" stands for End of Life Replacement. This project replaced circuit breakers that had reached the end of their useful life. This work was done at multiple substations as part of a multi-year program to replace breakers that are obsolete, for which parts are no longer available and require significant operations and maintenance spend to keep them in service.	SPS Zonal	SR
215	Electric Transmission	ELR - Relay - SPS	A.0000401.002	SPS ELR - Relays			
216	Electric Transmission	ELR - Relay - SPS	A.0000401.002	SPS ELR - Relays			
217	Electric Transmission	ELR - Relay - SPS	A.0000401.039	Wipp Cap Bank Volt Diff NM			
218	Electric Transmission	ELR - Relay - SPS	A.0000401.039	Wipp Cap Bank Volt Diff NM			
219	Electric Transmission	ELR - Relay - SPS	A.0000401.069	Quaker T83 115kV Relay Removal			
220	Electric Transmission	ELR - Relay - SPS	A.0000401.069	Quaker T83 115kV Relay Removal			
221	Electric Transmission	ELR - Relay - SPS	A.0000401.072	Lubbock South 6810/6820 Relay Rplc			
222	Electric Transmission	ELR - Relay - SPS	A.0000401.072	Lubbock South 6810/6820 Relay Rplc			
223	Electric Transmission	ELR - Relay - SPS	A.0000401.073	Gaines Sub 7715/7735 Relay Upgrade			
224	Electric Transmission	ELR - Relay - SPS	A.0000401.073	Gaines Sub 7715/7735 Relay Upgrade			
225	Electric Transmission	ELR - Relay - SPS	A.0000401.074	Castro Z62/Z51/Y67 Term Relay Upgrd			
226	Electric Transmission	ELR - Relay - SPS	A.0000401.074	Castro Z62/Z51/Y67 Term Relay Upgrd			
227	Electric Transmission	ELR - Relay - SPS	A.0000401.075	Yuma T72 Terminal Relay Upgrd			
228	Electric Transmission	ELR - Relay - SPS	A.0000401.079	Crosby Y84-7805 Relay Upgrd			
229	Electric Transmission	ELR - Relay - SPS	A.0000401.079	Crosby Y84-7805 Relay Upgrd			
230	Electric Transmission	ELR - Relay - SPS	A.0000401.085	PCA T23 Relay Upgrd			
231	Electric Transmission	ELR - Relay - SPS	A.0000401.085	PCA T23 Relay Upgrd			
232	Electric Transmission	ELR - Relay - SPS	A.0000401.086	Potash T23 Relay Upgrd			
233	Electric Transmission	ELR - Relay - SPS	A.0000401.086	Potash T23 Relay Upgrd			
234	Electric Transmission	ELR - Relay - SPS	A.0000401.087	Cunningham, SEL 2BFR Rplcmnt			
235	Electric Transmission	ELR - Relay - SPS	A.0000401.087	Cunningham, SEL 2BFR Rplcmnt			
236	Electric Transmission	ELR - Relay - SPS	A.0000401.090	Mustang, SEL 2BFR Rplcmnt			
237	Electric Transmission	ELR - Relay - SPS	A.0000401.090	Mustang, SEL 2BFR Rplcmnt			
238	Electric Transmission	ELR - Relay - SPS	A.0000401.091	Potter Co, SEL 2BFR Rplcmnt			
239	Electric Transmission	ELR - Relay - SPS	A.0000401.091	Potter Co, SEL 2BFR Rplcmnt			
240	Electric Transmission	ELR - Relay - SPS	A.0000401.092	Sundown, SEL 2BFR Rplcmnt			
241	Electric Transmission	ELR - Relay - SPS	A.0000401.092	Sundown, SEL 2BFR Rplcmnt			
242	Electric Transmission	ELR - Relay - SPS	A.0000401.095	Osage T75 Relay Upgrade			
243	Electric Transmission	ELR - Relay - SPS	A.0000401.095	Osage T75 Relay Upgrade			
244	Electric Transmission	ELR - Relay - SPS	A.0000401.096	Gaines Co 69kV Rplc Bus Backup Rlys			
245	Electric Transmission	ELR - Relay - SPS	A.0000401.096	Gaines Co 69kV Rplc Bus Backup Rlys			
246	Electric Transmission	ELR - Relay - SPS	A.0000401.097	Roosevelt 115kV Rplc Bus Backup Rel			
247	Electric Transmission	ELR - Relay - SPS	A.0000401.097	Roosevelt 115kV Rplc Bus Backup Rel			
248	Electric Transmission	ELR - Relay - SPS	A.0000401.103	Yoakum Sub, T35 Relay Upgrade			
249	Electric Transmission	ELR - Relay - SPS	A.0000401.103	Yoakum Sub, T35 Relay Upgrade			
250	Electric Transmission	ELR - Relay - SPS	A.0000401.104	Terry Co Sub, T35 Relay Upgrade			
251	Electric Transmission	ELR - Relay - SPS	A.0000401.104	Terry Co Sub, T35 Relay Upgrade			
252	Electric Transmission	ELR - Relay - SPS	A.0000401.105	Yoakum Sub, V66 Relay Upgrade			
253	Electric Transmission	ELR - Relay - SPS	A.0000401.105	Yoakum Sub, V66 Relay Upgrade			
254	Electric Transmission	ELR - Relay - SPS	A.0000401.106	Seagraves Sub, V66 Relay Upgrade			
255	Electric Transmission	ELR - Relay - SPS	A.0000401.106	Seagraves Sub, V66 Relay Upgrade			
256	Electric Transmission	ELR - Relay - SPS	A.0000401.124	Cargill Relay Upgrade, Term T58			
257	Electric Transmission	ELR - Relay - SPS	A.0000401.124	Cargill Relay Upgrade, Term T58			
258	Electric Transmission	ELR - Relay - SPS	A.0000401.125	Hereford Relay Upgrade, Term T58			
259	Electric Transmission	ELR - Relay - SPS	A.0000401.125	Hereford Relay Upgrade, Term T58			
260	Electric Transmission	ELR - Relay - SPS	A.0000401.146	Mustang Relay Upgrade, Term T57			
261	Electric Transmission	ELR - Relay - SPS	A.0000401.146	Mustang Relay Upgrade, Term T57			
262	Electric Transmission	ELR - Relay - SPS	A.0000401.147	Seagraves Relay Upgrade, Term T57			
263	Electric Transmission	ELR - Relay - SPS	A.0000401.147	Seagraves Relay Upgrade, Term T57			
264	Electric Transmission	ELR - Relay - SPS	A.0000401.159	Wolfforth Relay Upgrade, Term T72			

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(A)	(B)	(C)	(D)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
265	Electric Transmission	ELR - Relay - SPS	A.0000401.159	Wolfforth Relay Upgrade, Term T72			
266	Electric Transmission	ELR - Relay - SPS Total			The term "ELR" stands for End of Life Replacement. This project replaced protective relays that had reached the end of their useful life. This work was done at several substations as part of a multi-year program to replace relays that are obsolete, for which parts are no longer available and require significant operations and maintenance spend to keep them in service.	SPS Zonal	SR
267	Electric Transmission	ELR - Transformers - SPS	A.0000822.008	Bushland Rplc XFMR TR01			
268	Electric Transmission	ELR - Transformers - SPS	A.0000822.008	Bushland Rplc XFMR TR01			
269	Electric Transmission	ELR - Transformers - SPS	A.0000822.009	Cunningham Rplc XFMR TR01			
270	Electric Transmission	ELR - Transformers - SPS	A.0000822.009	Cunningham Rplc XFMR TR01			
271	Electric Transmission	ELR - Transformers - SPS	A.0000822.010	Gaines Co Rplc XFMR TR01			
272	Electric Transmission	ELR - Transformers - SPS	A.0000822.010	Gaines Co Rplc XFMR TR01			
273	Electric Transmission	ELR - Transformers - SPS	A.0000822.011	Lamb Co Rplc XFMR TR01			
274	Electric Transmission	ELR - Transformers - SPS	A.0000822.011	Lamb Co Rplc XFMR TR01			
275	Electric Transmission	ELR - Transformers - SPS Total			The term "ELR" stands for End of Life Replacement. This project replaced transmission substation transformers that had reached the end of their useful life. This work was done at multiple substations as part of a multi-year program to replace transmission transformers that are obsolete, for which parts are no longer available and require significant operations and maintenance spend to keep them in service.	SPS Zonal	SR
276	Electric Transmission	ELR RFL9300 Relays	A.0001219.010	T74 AMA SOUTH ELR RFL9300 SPS TX			
277	Electric Transmission	ELR RFL9300 Relays	A.0001219.010	T74 AMA SOUTH ELR RFL9300 SPS TX			
278	Electric Transmission	ELR RFL9300 Relays	A.0001219.011	T78 MOORE CO ELR RFL9300 SPS TX			
279	Electric Transmission	ELR RFL9300 Relays	A.0001219.011	T78 MOORE CO ELR RFL9300 SPS TX			
280	Electric Transmission	ELR RFL9300 Relays	A.0001219.013	T74 OWEND COR ELR RFL9300 SPS TX			
281	Electric Transmission	ELR RFL9300 Relays	A.0001219.013	T74 OWEND COR ELR RFL9300 SPS TX			
282	Electric Transmission	ELR RFL9300 Relays	A.0001219.017	T79 MOORE CO ELR RFL9300 SPS TX			
283	Electric Transmission	ELR RFL9300 Relays	A.0001219.017	T79 MOORE CO ELR RFL9300 SPS TX			
284	Electric Transmission	ELR RFL9300 Relays Total			The term "ELR" stands for End of Life Replacement. This project replaced the RFL-9300 relay systems with new SEL-411L line current differential relay systems. The RFL-9300 hardware is obsolete and its electrical components are failing at an increasing rate. The manufacturer no longer supports this relay system and spare parts are not available. The new relay system provides high-speed tripping and faster backup tripping which eliminates the problems associated with long trip times on backup relaying when the RFL-9300 systems fail. This work was done at several transmission substations as part of a multi-year program.	SPS Zonal	SR
285	Electric Transmission	Erosion Sub Mitigation - SPS	A.0001442.002	Potter Co Sub Erosion Mitigation			
286	Electric Transmission	Erosion Sub Mitigation - SPS	A.0001442.002	Potter Co Sub Erosion Mitigation			
287	Electric Transmission	Erosion Sub Mitigation - SPS	A.0001442.005	Potter Co Erosion Mitigation, Land			
288	Electric Transmission	Erosion Sub Mitigation - SPS Total			This project provided mitigation of the causes of severe water erosion at various substations. These mitigations included replacing portions of the perimeter fence, the ground grid and retaining walls damaged by water erosion and to install runoff diversion solutions to prevent future erosion damage.	SPS Zonal	SR
289	Electric Transmission	Etter Rural Cap Bank	A.0001086.002	Repl Etter Cap Bank 1910			
290	Electric Transmission	Etter Rural Cap Bank Total			This project replaced the 115-kV capacitor bank at Etter Rural Substation that was at the end of its useful life. The protection scheme on this capacitor bank is no longer supported by the manufacturer, parts are no longer available, and has a history of not being reliable. The capacitor bank itself was also at the end of its useful life.	SPS Zonal	SR
291	Electric Transmission	Fault Recorders - SPS	A.0000556.016	Oasis 230 115kV Fault Recorder			
292	Electric Transmission	Fault Recorders - SPS	A.0000556.016	Oasis 230 115kV Fault Recorder			
293	Electric Transmission	Fault Recorders - SPS	A.0000556.026	Cunningham DFR, Sub			
294	Electric Transmission	Fault Recorders - SPS	A.0000556.026	Cunningham DFR, Sub			
295	Electric Transmission	Fault Recorders - SPS	A.0000556.027	Moore Co DFR, Sub			
296	Electric Transmission	Fault Recorders - SPS	A.0000556.027	Moore Co DFR, Sub			

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(A)	(B)	(C)	(D)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
297	Electric Transmission	Fault Recorders - SPS	A.0000556.030	Eddy Co DFR, Sub	This project installed fault recorders for disturbance monitoring at substations.	SPS Zonal	OT
298	Electric Transmission	Fault Recorders - SPS	A.0000556.030	Eddy Co DFR, Sub			
299	Electric Transmission	Fault Recorders - SPS Total					
300	Electric Transmission	GEN 2010-14 Novus Wind IV, 358.8 MW	A.0000537.001	Novus Wind IV - Hitchland Sub			
301	Electric Transmission	GEN 2010-14 Novus Wind IV, 358.8 MW	A.0000537.001	Novus Wind IV - Hitchland Sub	This project added a 345-kV terminal to the 345-kV bus at Hitchland Interchange to provide an interconnection point for the Novus Wind IV wind farm transmission line. The wind farm has a net capacity of 358.8 MW.	Customer Funded	GI
302	Electric Transmission	GEN 2010-14 Novus Wind IV, 358.8 MW Total					
303	Electric Transmission	GEN 2011-022 (Firewheel)	A.0000706.001	Hitchland-New 345kV Terminal -	This project constructed a new 345-kV terminal at Hitchland Interchange to provide an interconnection point for a new wind farm.	Customer Funded	GI
304	Electric Transmission	GEN 2011-022 (Firewheel)	A.0000706.001	Hitchland-New 345kV Terminal -			
305	Electric Transmission	GEN 2011-022 (Firewheel) Total					
306	Electric Transmission	GEN 2014 033 Roswell Solar	A.0001351.002	Terminal Add & Cap Bank Sub	This project added new 115-kV terminals at Chaves County Interchange for solar farm interconnections and a capacitor bank.	Customer Funded	GI
307	Electric Transmission	GEN 2014 033 Roswell Solar	A.0001351.002	Terminal Add & Cap Bank Sub			
308	Electric Transmission	GEN 2014 033 Roswell Solar Total					
309	Electric Transmission	GEN-2011-025 Fiber Wind	A.0000768.002	Crosby-Blanco Retermination-11	This project provided a 115-kV interconnection for Fiber Wind LLC's 80 MW wind energy facility located in Crosby County, Texas.	Customer Funded	GI
310	Electric Transmission	GEN-2011-025 Fiber Wind	A.0000768.002	Crosby-Blanco Retermination-11			
311	Electric Transmission	GEN-2011-025 Fiber Wind Total					
312	Electric Transmission	Hartmoore RBEC T47 Tap	A.0001891.001	Hartmoore T47 Tap TOIF, Line	This project installed new line switches and a tap on SPS transmission line T-47 to serve a new Rita Blanca Electric Cooperative (RBEC) substation named Hartmoore. SPS paid for the network transmission facilities and RBEC paid for the facilities used exclusively to serve the new Hartmoore substation.	SPS Zonal/Customer Funded	LI
313	Electric Transmission	Hartmoore RBEC T47 Tap	A.0001891.001	Hartmoore T47 Tap TOIF, Line			
314	Electric Transmission	Hartmoore RBEC T47 Tap	A.0001891.001	Hartmoore T47 Tap TOIF, Line			
315	Electric Transmission	Hartmoore RBEC T47 Tap	A.0001891.001	Hartmoore T47 Tap TOIF, Line			
316	Electric Transmission	Hartmoore RBEC T47 Tap Total					
317	Electric Transmission	Hereford NE Dist transformer Add	A.0001388.001	Hereford NE Dist Xfmr Add Tam Sub	This project installed the transmission substation components needed to provide service to the new 115-kV distribution transformer installed in the existing Hereford Northeast Substation located in Hereford, Texas. SPS Distribution requested a transmission delivery point to this new distribution transformer.	SPS Zonal	LI
318	Electric Transmission	Hereford NE Dist transformer Add	A.0001388.001	Hereford NE Dist Xfmr Add Tam Sub			
319	Electric Transmission	Hereford NE Dist transformer Add Total					
320	Electric Transmission	Hilmar Cheese	A.0001873.001	Hilmar Cheese V64 Tap, Line	This project installed a transmission tap line approximately 1000 feet in length from the existing 115-kV transmission line V-64 to provide service to a second transformer owned by Hilmar Cheese located near Dalhart, Texas. The customer requested a second redundant 115-kV service point for their reliability. SPS paid for the network transmission facilities and the customer paid for the facilities used exclusively to serve their new transformer.	Customer Funded	RE
321	Electric Transmission	Hilmar Cheese	A.0001873.001	Hilmar Cheese V64 Tap, Line			
322	Electric Transmission	Hilmar Cheese Total					
323	Electric Transmission	Hitchland to Woodward	A.0000244.011	Hitchland to Woodward 345 kV O	This project constructed a double-circuit 345-kV transmission line between the Hitchland Substation, near Guymon, Oklahoma, and OG&E's Woodward Substation, near Woodward, Oklahoma. SPS constructed approximately 30 miles of the line from the Hitchland Substation to OG&E's Beaver County Substation near Beaver, Oklahoma. OG&E constructed the line from the Beaver County Substation to its Woodward Substation. The Project was identified in the SPP's Priority Project Studies. SPP issued SPS an NTC for this project.	SPP Base Plan	EC/TI
324	Electric Transmission	Hitchland to Woodward Total					
325	Electric Transmission	Hopi DCP Sub Add 2nd XFMR	A.0001430.001	Hopi Sub 2nd XFMR TAM			
326	Electric Transmission	Hopi DCP Sub Add 2nd XFMR	A.0001430.001	Hopi Sub 2nd XFMR TAM			

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Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
327	Electric Transmission	Hopi DCP Sub Add 2nd XFMR Total			This project installed the transmission substation components needed to provide service to a second new 115-kV distribution transformer installed in the existing Hopi Substation located in south Carlsbad, New Mexico. SPS Distribution requested a transmission delivery point to this new distribution transformer.	SPS Zonal	LI
328	Electric Transmission	IA Tariff Fund	A.0000076.004	IA Tariff Fund SPS			
329	Electric Transmission	IA Tariff Fund	A.0000076.004	IA Tariff Fund SPS			
330	Electric Transmission	IA Tariff Fund	A.0000076.004	IA Tariff Fund SPS			
331	Electric Transmission	IA Tariff Fund	A.0000076.004	IA Tariff Fund SPS			
332	Electric Transmission	IA Tariff Fund Total			This project funded the construction of new generation and load delivery points that arose throughout the period.	SPS Zonal	GI/LI
333	Electric Transmission	Johnson Draw Install 28.8 MVA Cap Bank	A.0001398.001	JODW Inst 28.8 MVA Cap Bank			
334	Electric Transmission	Johnson Draw Install 28.8 MVA Cap Bank	A.0001398.001	JODW Inst 28.8 MVA Cap Bank			
335	Electric Transmission	Johnson Draw Install 28.8 MVA Cap Bank Total			This project installed a new 28.8 MVA capacitor bank on the 115-kV bus at Johnson Draw Substation. SPP issued SPS an NTC for this project.	Base Plan	RE
336	Electric Transmission	K10-Lubbock South Upgrades NTC	A.0001669.002	Lubbock South, K10 Term Upgrades NT			
337	Electric Transmission	K10-Lubbock South Upgrades NTC	A.0001669.002	Lubbock South, K10 Term Upgrades NT			
338	Electric Transmission	K10-Lubbock South Upgrades NTC Total			This project increased the overhead transmission line ground clearance and upgraded the line terminal equipment at Lubbock South and Wolfforth Substations to achieve a summer emergency rating of 550 MVA. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
339	Electric Transmission	K11 Bushland - Deaf Smith NTC	A.0001668.002	Bushland Sub, K11 Term Upgrade NTC			
340	Electric Transmission	K11 Bushland - Deaf Smith NTC Total			This project increased the overhead transmission line ground clearance and upgraded the line terminal equipment at Bushland and Deaf Smith 230-kV Substations to achieve a summer emergency rating of 546 MVA. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
341	Electric Transmission	K90 Potter Co NTC	A.0001670.001	K90 Upgr NTC, Line			
342	Electric Transmission	K90 Potter Co NTC	A.0001670.001	K90 Upgr NTC, Line			
343	Electric Transmission	K90 Potter Co NTC	A.0001670.002	Potter Co, K90 Term Upgrades, NTC			
344	Electric Transmission	K90 Potter Co NTC	A.0001670.002	Potter Co, K90 Term Upgrades, NTC			
345	Electric Transmission	K90 Potter Co NTC Total			This project increased the overhead transmission line ground clearance and upgraded the line terminal equipment at Newhart and Potter County Substations to achieve a summer emergency rating of 540 MVA. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
346	Electric Transmission	Legacy Robertson Conversion	A.0001396.003	Legacy - Robertson ROW			
347	Electric Transmission	Legacy Robertson Conversion Total			This project installed approximately 7 miles of new 69-kV line from SPS's Legacy Substation to XTO's Robertson substation. The project also installed a circuit breaker and associated equipment at Legacy Substation. These new facilities provide service to new customer load. The customer paid for a portion of this project.	SPS Zonal/Customer Funded	LI
348	Electric Transmission	Line ELR SPS	A.0000499.004	Line ELR SPS Line			
349	Electric Transmission	Line ELR SPS	A.0000499.004	Line ELR SPS Line			
350	Electric Transmission	Line ELR SPS	A.0000499.004	Line ELR SPS Line			
351	Electric Transmission	Line ELR SPS	A.0000499.004	Line ELR SPS Line			
352	Electric Transmission	Line ELR SPS	A.0000499.011	SPS ELR 115kV NM 2016			
353	Electric Transmission	Line ELR SPS	A.0000499.011	SPS ELR 115kV NM 2016			
354	Electric Transmission	Line ELR SPS	A.0000499.011	SPS ELR 115kV NM 2016			
355	Electric Transmission	Line ELR SPS	A.0000499.011	SPS ELR 115kV NM 2016			
356	Electric Transmission	Line ELR SPS	A.0000499.047	W24 Str Rpl			
357	Electric Transmission	Line ELR SPS	A.0000499.047	W24 Str Rpl			
358	Electric Transmission	Line ELR SPS	A.0000499.066	Y78 Str Rpl			
359	Electric Transmission	Line ELR SPS	A.0000499.066	Y78 Str Rpl			
360	Electric Transmission	Line ELR SPS	A.0000499.067	Y79 Str Rpl			
361	Electric Transmission	Line ELR SPS	A.0000499.067	Y79 Str Rpl			
362	Electric Transmission	Line ELR SPS	A.0000499.068	Y89 Str Rpl			
363	Electric Transmission	Line ELR SPS	A.0000499.068	Y89 Str Rpl			

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Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
364	Electric Transmission	Line ELR SPS	A.0000499.071	K43 Line ELR			
365	Electric Transmission	Line ELR SPS	A.0000499.071	K43 Line ELR			
366	Electric Transmission	Line ELR SPS	A.0000499.090	K60 Line ELR			
367	Electric Transmission	Line ELR SPS	A.0000499.090	K60 Line ELR			
368	Electric Transmission	Line ELR SPS	A.0000499.093	Y91 LINE ELR			
369	Electric Transmission	Line ELR SPS	A.0000499.093	Y91 LINE ELR			
370	Electric Transmission	Line ELR SPS	A.0000499.094	Y61 LINE ELR			
371	Electric Transmission	Line ELR SPS	A.0000499.094	Y61 LINE ELR			
372	Electric Transmission	Line ELR SPS	A.0000499.094	Y61 LINE ELR			
373	Electric Transmission	Line ELR SPS	A.0000499.094	Y61 LINE ELR			
374	Electric Transmission	Line ELR SPS	A.0000499.096	V99 LINE ELR			
375	Electric Transmission	Line ELR SPS	A.0000499.096	V99 LINE ELR			
376	Electric Transmission	Line ELR SPS	A.0000499.096	V99 LINE ELR			
377	Electric Transmission	Line ELR SPS	A.0000499.096	V99 LINE ELR			
378	Electric Transmission	Line ELR SPS	A.0000499.097	V31 LINE ELR			
379	Electric Transmission	Line ELR SPS	A.0000499.097	V31 LINE ELR			
380	Electric Transmission	Line ELR SPS	A.0000499.097	V31 LINE ELR			
381	Electric Transmission	Line ELR SPS	A.0000499.097	V31 LINE ELR			
382	Electric Transmission	Line ELR SPS	A.0000499.100	T91 LINE ELR			
383	Electric Transmission	Line ELR SPS	A.0000499.100	T91 LINE ELR			
384	Electric Transmission	Line ELR SPS	A.0000499.100	T91 LINE ELR			
385	Electric Transmission	Line ELR SPS	A.0000499.100	T91 LINE ELR			
386	Electric Transmission	Line ELR SPS	A.0000499.101	T89 LINE ELR			
387	Electric Transmission	Line ELR SPS	A.0000499.101	T89 LINE ELR			
388	Electric Transmission	Line ELR SPS	A.0000499.101	T89 LINE ELR			
389	Electric Transmission	Line ELR SPS	A.0000499.101	T89 LINE ELR			
390	Electric Transmission	Line ELR SPS	A.0000499.102	T29 LINE ELR			
391	Electric Transmission	Line ELR SPS	A.0000499.102	T29 LINE ELR			
392	Electric Transmission	Line ELR SPS	A.0000499.105	R05 LINE ELR			
393	Electric Transmission	Line ELR SPS	A.0000499.105	R05 LINE ELR			
394	Electric Transmission	Line ELR SPS	A.0000499.105	R05 LINE ELR			
395	Electric Transmission	Line ELR SPS	A.0000499.106	J15-NM LINE ELR			
396	Electric Transmission	Line ELR SPS	A.0000499.106	J15-NM LINE ELR			
397	Electric Transmission	Line ELR SPS	A.0000499.107	J15-TX LINE ELR			
398	Electric Transmission	Line ELR SPS	A.0000499.107	J15-TX LINE ELR			
399	Electric Transmission	Line ELR SPS	A.0000499.109	J26-OK LINE ELR			
400	Electric Transmission	Line ELR SPS	A.0000499.109	J26-OK LINE ELR			
401	Electric Transmission	Line ELR SPS	A.0000499.111	J25-KS LINE ELR			
402	Electric Transmission	Line ELR SPS	A.0000499.111	J25-KS LINE ELR			
403	Electric Transmission	Line ELR SPS	A.0000499.112	J06 LINE ELR			
404	Electric Transmission	Line ELR SPS	A.0000499.112	J06 LINE ELR			
405	Electric Transmission	Line ELR SPS	A.0000499.121	K31 Static Replace			
406	Electric Transmission	Line ELR SPS	A.0000499.121	K31 Static Replace			
407	Electric Transmission	Line ELR SPS	A.0000499.121	K31 Static Replace			
408	Electric Transmission	Line ELR SPS	A.0000499.123	Z05 LINE ELR			
409	Electric Transmission	Line ELR SPS	A.0000499.123	Z05 LINE ELR			
410	Electric Transmission	Line ELR SPS	A.0000499.123	Z05 LINE ELR			
411	Electric Transmission	Line ELR SPS Total					
					The term "ELR" stands for End of Life Replacement. This project replaced capital transmission line components that showed signs of deterioration and where failure was likely, such as wood poles and crossarms, that were identified by line inspections. Work in this ELR group included emergent work, planned usually 12 to 18 months in advance of the work being performed. This work was done on several transmission lines as part of a multi-year program to replace capital property units on a like-for-like basis and return the transmission lines to overall good health.	SPS Zonal	SR
412	Electric Transmission	Littlefield West Tap Rebuild	A.0001367.001	Littlefield West Tap Rebuild Line			

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Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
413	Electric Transmission	Littlefield West Tap Rebuild	A.0001367.001	Littlefield West Tap Rebuild Line			
414	Electric Transmission	Littlefield West Tap Rebuild	A.0001367.002	V13, Replace Structure			
415	Electric Transmission	Littlefield West Tap Rebuild	A.0001367.002	V13, Replace Structure			
416	Electric Transmission	Littlefield West Tap Rebuild	A.0001367.002	V13, Replace Structure			
417	Electric Transmission	Littlefield West Tap Rebuild	A.0001367.002	V13, Replace Structure			
418	Electric Transmission	Littlefield West Tap Rebuild Total			This project replaced approximately 1.2 miles of unshielded 69-kV transmission line that was serving as the tap from circuit Y-80 to the Littlefield West Substation. The new shielded transmission line provides improved lightning protection and system reliability.	SPS Zonal	RE
419	Electric Transmission	Lubbock S - Jones 230kV Upgds	A.0001880.002	Jones K08, Term			
420	Electric Transmission	Lubbock S - Jones 230kV Upgds	A.0001880.002	Jones K08, Term			
421	Electric Transmission	Lubbock S - Jones 230kV Upgds Total			This project upgraded the line clearances on the 230-kV circuit K-08 between Jones and Lubbock South Substations as well as the substation terminal equipment to increase the line rating to a minimum summer emergency rating of 542 MVA. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
422	Electric Transmission	McDowell Creek 230/115KV Sub	A.0001228.005	Potter County Sub LRU			
423	Electric Transmission	McDowell Creek 230/115KV Sub	A.0001228.005	Potter County Sub LRU			
424	Electric Transmission	McDowell Creek 230/115KV Sub Total			This project was to construct a new 230/115-kV interchange named McDowell Creek. This project mitigated the low voltage conditions on the transmission system for specific contingencies identified by SPP. SPP issued SPS an NTC for this project. System conditions changed, and SPP is restudying the need for this project. The capital additions on this project were for work associated with the Four Way Substation project and these capital additions are in the process of being moved to that project.	SPP Base Plan	RE
425	Electric Transmission	NEF Sub, U03 Term Upgrade NTC	A.0001770.001	NEF Sub, U03 Term Upgrade NTC			
426	Electric Transmission	NEF Sub, U03 Term Upgrade NTC Total			This project upgraded the line clearances on the 115-kV circuit U-03 between NEF and Targa Substations as well as the substation terminal equipment to increase the line rating to a minimum summer emergency rating of 304 MVA. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
427	Electric Transmission	NERC TPL Relay Improvements	A.0001059.010	Harrington 230kV Bus Diff's			
428	Electric Transmission	NERC TPL Relay Improvements	A.0001059.010	Harrington 230kV Bus Diff's			
429	Electric Transmission	NERC TPL Relay Improvements Total			This project installed and replaced relays to comply with the North American Electric Reliability Corporation (NERC) Transmission Planning (TPL) standards at a number of identified substations.	SPS Zonal	RE
430	Electric Transmission	OPIE 1 Road Runner (Interc Potash Conn)	A.0000424.183	Intercont Potash Conn 230kV Li			
431	Electric Transmission	OPIE 1 Road Runner (Interc Potash Conn)	A.0000424.183	Intercont Potash Conn 230kV Li			
432	Electric Transmission	OPIE 1 Road Runner (Interc Potash Conn) Total			This project constructed the Roadrunner Substation to connect a new potash mine, Intercontinental Potash, to the 115-kV transmission system in southeast New Mexico. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
433	Electric Transmission	OPIE 2 DCP Zia 2 Quahada Project	A.0000424.204	V21 Term Cunningham to Quahada			
434	Electric Transmission	OPIE 2 DCP Zia 2 Quahada Project	A.0000424.204	V21 Term Cunningham to Quahada			
435	Electric Transmission	OPIE 2 DCP Zia 2 Quahada Project Total			This project constructed a new four breaker 115-kV ring bus at the intersection of PCA to Cunningham and Maljamar to Intrepid 115-kV lines. It also constructed the radial tap line to the customer's new substation. SPP issued SPS an NTC for this project.	SPP Base Plan/Customer Funded	RE/LI
436	Electric Transmission	OPIE 3 Magnum DCP Sub	A.0000424.295	V61 Line reterm, Magnum Sub			
437	Electric Transmission	OPIE 3 Magnum DCP Sub	A.0000424.295	V61 Line reterm, Magnum Sub			
438	Electric Transmission	OPIE 3 Magnum DCP Sub Total			This project installed a transmission tap from the existing 115-kV transmission line V-61 and the transmission substation components needed to provide service to the new Magnum distribution substation located northeast of Carlsbad, New Mexico. SPS Distribution requested a transmission delivery point to this new substation.	SPS Zonal/Customer Funded	LI
439	Electric Transmission	OPIE 3 Ponderosa-Custer Mt115kV_PID 30694	A.0000424.052	Ponderosa 115kV Sub Custer Mt			
440	Electric Transmission	OPIE 3 Ponderosa-Custer Mt115kV_PID 30694	A.0000424.052	Ponderosa 115kV Sub Custer Mt			

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441	Electric Transmission	OPIE 3 Ponderosa-Custer Mt115kV_PID 30694 Total			This project constructed a radial 115-kV line from the new Custer Mountain Substation to the new Ponderosa Substation, a distribution substation, located west of Jal, New Mexico. SPP issued SPS an NTC for this project.	SPS Directly Assigned	RE
442	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.008	OPIE Phantom Roadrunner 345 Line J-			
443	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.008	OPIE Phantom Roadrunner 345 Line J-			
444	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.010	OPIE China Draw Phantom 345 Line J-			
445	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.010	OPIE China Draw Phantom 345 Line J-			
446	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV Total			This project installed the new 345/115-kV Phantom Substation as well as two new 345-kV transmission lines, a line approximately 20 miles in length from Phantom Substation to China Draw Substation and a line approximately 21 miles in length from Phantom Substation to Roadrunner Substation. The Phantom Substation was needed to serve the rapidly increasing new transmission loads in the surrounding area and the looped 345-kV lines were needed to provide the needed reliability to these new loads and to the existing transmission system in the area. SPP issued SPS an NTC for this project.	SPP Base Plan	RE/LI
447	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.037	Hobbs-NM Stateline 345 kV Line			
448	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.037	Hobbs-NM Stateline 345 kV Line			
449	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376 Total			This project constructed a single-circuit 345-kV transmission line between the TUCO Substation, near Lubbock, Texas, the Yoakum Substation in Texas, and the Hobbs Generating Substation near Hobbs, New Mexico. The project was evaluated and identified in the 2013 SPP High Priority Incremental Load Study ("HPILS") as needed for reliability to alleviate loading violations on the underlying network and voltage violations due to insufficient power supply to network load additions. In addition to its reliability benefits, the project was also identified by SPP as providing significant economic benefits. In 2016, SPP issued its Integrated Transmission Planning Near-Term study which identified the TUCO to Yoakum portion of the project as needed as soon as 2017 to mitigate voltage issues in that area. SPP issued SPS NTCs for this project.	SPP Base Plan	RE
450	Electric Transmission	Owens Corning Cap Bank Rplmt	A.0001242.001	Owens Corning Cap Bank Rplmt			
451	Electric Transmission	Owens Corning Cap Bank Rplmt	A.0001242.001	Owens Corning Cap Bank Rplmt			
452	Electric Transmission	Owens Corning Cap Bank Rplmt Total			This project replaced the 115-kV capacitor bank at the Owens Corning Substation that was at the end of its useful life. The protection scheme on this capacitor bank is no longer supported by the manufacturer, parts are no longer available, and has a history of not being reliable. The capacitor bank itself was also at the end of its useful life.	SPS Zonal	SR
453	Electric Transmission	Oxy Y79 Tap	A.0001478.005	Y79 Tap Line, ROW			
454	Electric Transmission	Oxy Y79 Tap Total			This project installed a new 69-kV tap and service point on SPS transmission line Y-79 to provide service to a new Occidental Petroleum substation. This project was required to provide service to a new customer-owned substation to serve new customer load. The customer paid for a portion of this project.	SPS Zonal/Customer Funded	LI
455	Electric Transmission	Phillips 66 WRB South	A.0001739.002	T48 Phillips, Line			
456	Electric Transmission	Phillips 66 WRB South	A.0001739.002	T48 Phillips, Line			
457	Electric Transmission	Phillips 66 WRB South	A.0001739.004	Phillips WRB South, Sub TOIF			
458	Electric Transmission	Phillips 66 WRB South	A.0001739.004	Phillips WRB South, Sub TOIF			
459	Electric Transmission	Phillips 66 WRB South	A.0001739.006	Pringle Rly Upgrd-Phillips 66			
460	Electric Transmission	Phillips 66 WRB South	A.0001739.006	Pringle Rly Upgrd-Phillips 66			
461	Electric Transmission	Phillips 66 WRB South	A.0001739.007	Blackhawk Rly Upgrd-Phillips 66			
462	Electric Transmission	Phillips 66 WRB South	A.0001739.007	Blackhawk Rly Upgrd-Phillips 66			
463	Electric Transmission	Phillips 66 WRB South	A.0001739.008	U49 Blkhwk-WRB South, TOIF Line			
464	Electric Transmission	Phillips 66 WRB South	A.0001739.008	U49 Blkhwk-WRB South, TOIF Line			
465	Electric Transmission	Phillips 66 WRB South	A.0001739.008	U49 Blkhwk-WRB South, TOIF Line			
466	Electric Transmission	Phillips 66 WRB South	A.0001739.008	U49 Blkhwk-WRB South, TOIF Line			
467	Electric Transmission	Phillips 66 WRB South	A.0001739.009	U50 WRB South-Pmgl TOIF, Line			
468	Electric Transmission	Phillips 66 WRB South	A.0001739.009	U50 WRB South-Pmgl TOIF, Line			
469	Electric Transmission	Phillips 66 WRB South	A.0001739.009	U50 WRB South-Pmgl TOIF, Line			

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(A)	(B)	(C)	(D)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
470	Electric Transmission	Phillips 66 WRB South	A.0001739.009	U50 WRB South-Prngl TOIF, Line			
471	Electric Transmission	Phillips 66 WRB South	A.0001739.010	T49 Phillips Retire, Line			
472	Electric Transmission	Phillips 66 WRB South	A.0001739.010	T49 Phillips Retire, Line			
473	Electric Transmission	Phillips 66 WRB South Total			This project installed a new switching station to provide the customer with two 115-kV sources to their new WRB Substation. The customer requested new 115-kV service at this location to facilitate adding substantial new load. To provide the requested capacity and reliability, the existing 115-kV transmission line T49 (Blackhawk-Pringle) was routed into and out of the new SPS switching station and 115-kV transmission line T48 (also Blackhawk-Pringle) was routed around the new switching station. The customer will pay for most of the costs associated with this new switching station.	SPS Zonal/Customer Funded	LI
474	Electric Transmission	Physical Security	A.0000710.001	NM Physical Security Sub Infrastruc			
475	Electric Transmission	Physical Security	A.0000710.003	SPS Physical Security Sub Infrastru			
476	Electric Transmission	Physical Security	A.0000710.049	Hitchland Phys Sec INFR TX			
477	Electric Transmission	Physical Security	A.0000710.050	Hobbs Gen Phys Sec INFR TX			
478	Electric Transmission	Physical Security Total			This project installed Physical Security Upgrades affecting SPS substation protection with specific work varying by substation location, current layout, and threat history. Typical security measures included the installation of equipment such as cameras and motion sensors at substations.	SPS Zonal	OT
479	Electric Transmission	Plant X Transformer 2 Addition	A.0001036.010	Reterm K21 at Plant X for TF2 Add			
480	Electric Transmission	Plant X Transformer 2 Addition	A.0001036.010	Reterm K21 at Plant X for TF2 Add			
481	Electric Transmission	Plant X Transformer 2 Addition	A.0001036.010	Reterm K21 at Plant X for TF2 Add			
482	Electric Transmission	Plant X Transformer 2 Addition Total			This project installed a second 230/115-kV, 252/252 MVA autotransformer at Plant X Substation and reconfigured the 230-kV main and transfer bus to a breaker and one-half configuration. The new transformer is needed to mitigate overloading of the existing 230/115-kV transformer during contingency situations. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
483	Electric Transmission	Pole Treatment Program	A.0001485.005	Pole Treatment Program 115kV NM			
484	Electric Transmission	Pole Treatment Program	A.0001485.005	Pole Treatment Program 115kV NM			
485	Electric Transmission	Pole Treatment Program Total			This project provided for a portion of the cost of the inspection and treatment of wood transmission poles for groundline decay. The inspections identify poles that have adequate strength to remain in service and those that need to be replaced. The treatments applied to poles that will stay in service significantly extend the useful life of those wood poles.	SPS Zonal	OT
486	Electric Transmission	Roswell-Capitan	A.0000218.004	Roswell-Capitan, Line			
487	Electric Transmission	Roswell-Capitan	A.0000218.004	Roswell-Capitan, Line			
488	Electric Transmission	Roswell-Capitan Total			This project constructed a new 115-kV line between the Capitan, Price, and Chaves Substations near Roswell, NM. This project provided additional load serving and helped eliminate contingency issues on the 69-kV system. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
489	Electric Transmission	ROW by Permit	A.0000879.012	Y58 Permit Renewal			
490	Electric Transmission	ROW by Permit	A.0000879.013	Y61 Permit Renewal			
491	Electric Transmission	ROW by Permit	A.0000879.014	Y63 Permit Renewal			
492	Electric Transmission	ROW by Permit	A.0000879.016	J26 Permit Renewal - OK			
493	Electric Transmission	ROW by Permit Total			This project funds the renewal of railroad, highway crossing, and other permits required as part of the right of way for transmission lines.	SPS Zonal	OT
494	Electric Transmission	RTU - EMS Upgrade - SPS	A.0000588.034	Allen RTU Rplcmnt, Sub			
495	Electric Transmission	RTU - EMS Upgrade - SPS	A.0000588.035	Owens Corning RTU Rplcmnt, Sub			
496	Electric Transmission	RTU - EMS Upgrade - SPS	A.0000588.035	Owens Corning RTU Rplcmnt, Sub			
497	Electric Transmission	RTU - EMS Upgrade - SPS	A.0000588.042	Roswell City RTU Rplcmnt, SUB			
498	Electric Transmission	RTU - EMS Upgrade - SPS	A.0000588.042	Roswell City RTU Rplcmnt, SUB			
499	Electric Transmission	RTU - EMS Upgrade - SPS	A.0000588.043	Brasher RTU Replacement, Sub			
500	Electric Transmission	RTU - EMS Upgrade - SPS	A.0000588.043	Brasher RTU Replacement, Sub			
501	Electric Transmission	RTU - EMS Upgrade - SPS	A.0000588.045	Lyons RTU Replacement, Sub			
502	Electric Transmission	RTU - EMS Upgrade - SPS	A.0000588.045	Lyons RTU Replacement, Sub			

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(A)	(B)	(C)	(D)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
503	Electric Transmission	RTU - EMS Upgrade - SPS	A.0000588.046	Sherman Co RTU Replacement, Sub			
504	Electric Transmission	RTU - EMS Upgrade - SPS	A.0000588.046	Sherman Co RTU Replacement, Sub			
505	Electric Transmission	RTU - EMS Upgrade - SPS	A.0000588.047	Seagraves Intg RTU Rplc, SUB			
506	Electric Transmission	RTU - EMS Upgrade - SPS	A.0000588.047	Seagraves Intg RTU Rplc, SUB			
507	Electric Transmission	RTU - EMS Upgrade - SPS Total			This project replaced remote terminal units ("RTUs") that were at the end of their useful service life.	SPS Zonal	OT
508	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line			
509	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line			
510	Electric Transmission	S&E - SPS Line	A.0000303.041	SPS S&E 115kV Line NM			
511	Electric Transmission	S&E - SPS Line	A.0000303.041	SPS S&E 115kV Line NM			
512	Electric Transmission	S&E - SPS Line	A.0000303.042	SPS S&E 230kV Line NM			
513	Electric Transmission	S&E - SPS Line	A.0000303.042	SPS S&E 230kV Line NM			
514	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX			
515	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX			
516	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX			
517	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX			
518	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX			
519	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX			
520	Electric Transmission	S&E - SPS Line	A.0000303.046	SPS S&E 345kV Line TX			
521	Electric Transmission	S&E - SPS Line	A.0000303.046	SPS S&E 345kV Line TX			
522	Electric Transmission	S&E - SPS Line	A.0000303.049	SPS S&E 345kV Line OK			
523	Electric Transmission	S&E - SPS Line	A.0000303.049	SPS S&E 345kV Line OK			
524	Electric Transmission	S&E - SPS Line	A.0000303.096	After Hours STORM EMERGENCY TX Line			
525	Electric Transmission	S&E - SPS Line	A.0000303.096	After Hours STORM EMERGENCY TX Line			
526	Electric Transmission	S&E - SPS Line	A.0000303.096	After Hours STORM EMERGENCY TX Line			
527	Electric Transmission	S&E - SPS Line	A.0000303.096	After Hours STORM EMERGENCY TX Line			
528	Electric Transmission	S&E - SPS Line	A.0000303.097	T75 Str 51 Public Acc			
529	Electric Transmission	S&E - SPS Line	A.0000303.097	T75 Str 51 Public Acc			
530	Electric Transmission	S&E - SPS Line	A.0000303.097	T75 Str 51 Public Acc			
531	Electric Transmission	S&E - SPS Line	A.0000303.097	T75 Str 51 Public Acc			
532	Electric Transmission	S&E - SPS Line Total			These projects provided for the storm and emergency work orders for the replacement or capital repair of transmission line facilities damaged by inclement weather or natural disasters.	SPS Zonal	SR
533	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub			
534	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub			
535	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub			
536	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub			
537	Electric Transmission	S&E - SPS Sub	A.0000220.024	SPS 2015 KS SE Sub			
538	Electric Transmission	S&E - SPS Sub	A.0000220.024	SPS 2015 KS SE Sub			
539	Electric Transmission	S&E - SPS Sub	A.0000220.041	Castro Co, Rplc Cap Bank			
540	Electric Transmission	S&E - SPS Sub	A.0000220.041	Castro Co, Rplc Cap Bank			
541	Electric Transmission	S&E - SPS Sub Total			These projects provided for the storm and emergency work orders that repaired substation facilities damaged by inclement weather and natural disasters.	SPS Zonal	SR
542	Electric Transmission	Sales	A.0001775.001	SPS Draw Switching Station Sale			
543	Electric Transmission	Sales	A.0001775.001	SPS Draw Switching Station Sale			
544	Electric Transmission	Sales Total			This project retired the facilities associated with SPS's Draw Switching Station. Lyntegar Electric Cooperative requested to purchase this switching station so they could integrate its use into their operations.	SPS Zonal	OT
545	Electric Transmission	Split Path - SPS	A.0001449.001	Indiana Brkrs 9925 & 9935 Split Pat			
546	Electric Transmission	Split Path - SPS	A.0001449.001	Indiana Brkrs 9925 & 9935 Split Pat			
547	Electric Transmission	Split Path - SPS Total			This project upgraded the transmission line substation terminal at SPS's Indiana Substation and the transmission line tap to South Plains Electric Coop's Erskine Substation to provide a minimum emergency rating of 175 MVA. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
548	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.027	V79, SW 1950			

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Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
549	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.027	V79, SW 1950			
550	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.027	V79, SW 1950			
551	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.027	V79, SW 1950			
552	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.028	V64, SW 1978			
553	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.028	V64, SW 1978			
554	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.028	V64, SW 1978			
555	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.028	V64, SW 1978			
556	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.029	V37, Str 123A-Switch			
557	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.029	V37, Str 123A-Switch			
558	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.029	V37, Str 123A-Switch			
559	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.029	V37, Str 123A-Switch			
560	Electric Transmission	SPS Group 1 Switch Replacements Total			These projects replaced old high-maintenance or broken switches with new switches.	SPS Zonal	SR
561	Electric Transmission	SPS Line Capacity	A.0000427.001	SPS Line Capacity Line			
562	Electric Transmission	SPS Line Capacity	A.0000427.001	SPS Line Capacity Line			
563	Electric Transmission	SPS Line Capacity	A.0000427.001	SPS Line Capacity Line			
564	Electric Transmission	SPS Line Capacity	A.0000427.001	SPS Line Capacity Line			
565	Electric Transmission	SPS Line Capacity	A.0000427.018	T60 Reconductor			
566	Electric Transmission	SPS Line Capacity	A.0000427.018	T60 Reconductor			
567	Electric Transmission	SPS Line Capacity	A.0000427.020	W25 Carlsbad - T60.0 Rebuild			
568	Electric Transmission	SPS Line Capacity	A.0000427.020	W25 Carlsbad - T60.0 Rebuild			
569	Electric Transmission	SPS Line Capacity	A.0000427.021	J25 - Line Capacity			
570	Electric Transmission	SPS Line Capacity	A.0000427.021	J25 - Line Capacity			
571	Electric Transmission	SPS Line Capacity	A.0000427.023	K02 - Line Capacity			
572	Electric Transmission	SPS Line Capacity	A.0000427.023	K02 - Line Capacity			
573	Electric Transmission	SPS Line Capacity	A.0000427.023	K02 - Line Capacity			
574	Electric Transmission	SPS Line Capacity Total			This project surveyed and verified the line ratings of the SPS transmission system for lines above 100-kV. This project is a required response to a North American Electric Reliability Corporation ("NERC") Facility Ratings Alert, issued October 7, 2010 and updated on November 30, 2010, requiring transmission owners to verify that transmission line ratings are based on actual field conditions and, if not, perform necessary activities to base ratings on actual field conditions. The survey was done using Light Detection And Ranging ("LiDAR") technology that uses a laser to make highly accurate distance measurements. This project provided for the survey work and any mitigations that were needed to raise the facility capacity ratings if the field results were less than expected.	SPS Zonal	SR
575	Electric Transmission	SPS Major Line Rebuilds	A.0000538.004	T14 Maddox-W Bender-Taylor-N H			
576	Electric Transmission	SPS Major Line Rebuilds	A.0000538.004	T14 Maddox-W Bender-Taylor-N H			
577	Electric Transmission	SPS Major Line Rebuilds	A.0000538.004	T14 Maddox-W Bender-Taylor-N H			
578	Electric Transmission	SPS Major Line Rebuilds	A.0000538.004	T14 Maddox-W Bender-Taylor-N H			
579	Electric Transmission	SPS Major Line Rebuilds	A.0000538.022	W17 Hardware			
580	Electric Transmission	SPS Major Line Rebuilds	A.0000538.022	W17 Hardware			
581	Electric Transmission	SPS Major Line Rebuilds	A.0000538.022	W17 Hardware			
582	Electric Transmission	SPS Major Line Rebuilds	A.0000538.022	W17 Hardware			
583	Electric Transmission	SPS Major Line Rebuilds	A.0000538.023	W21 Eagle Crk-Eddy Co NM			
584	Electric Transmission	SPS Major Line Rebuilds	A.0000538.023	W21 Eagle Crk-Eddy Co NM			
585	Electric Transmission	SPS Major Line Rebuilds	A.0000538.023	W21 Eagle Crk-Eddy Co NM			
586	Electric Transmission	SPS Major Line Rebuilds	A.0000538.024	W21 Line, ROW			
587	Electric Transmission	SPS Major Line Rebuilds	A.0000538.025	Z60 Line Rebuild PH-1			
588	Electric Transmission	SPS Major Line Rebuilds	A.0000538.025	Z60 Line Rebuild PH-1			
589	Electric Transmission	SPS Major Line Rebuilds	A.0000538.030	Z51 Line Rebuild PH-2			
590	Electric Transmission	SPS Major Line Rebuilds	A.0000538.030	Z51 Line Rebuild PH-2			
591	Electric Transmission	SPS Major Line Rebuilds	A.0000538.031	Z51 Line Rebuild PH-1			
592	Electric Transmission	SPS Major Line Rebuilds	A.0000538.031	Z51 Line Rebuild PH-1			
593	Electric Transmission	SPS Major Line Rebuilds	A.0000538.031	Z51 Line Rebuild PH-1			

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(A)	(B)	(C)	(D)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
594	Electric Transmission	SPS Major Line Rebuilds	A.0000538.031	Z51 Line Rebuild PH-1			
595	Electric Transmission	SPS Major Line Rebuilds	A.0000538.032	Z51 Line Rebuild PH-3			
596	Electric Transmission	SPS Major Line Rebuilds	A.0000538.032	Z51 Line Rebuild PH-3			
597	Electric Transmission	SPS Major Line Rebuilds	A.0000538.033	V02 Tline Highland Park Tap Rebuild			
598	Electric Transmission	SPS Major Line Rebuilds	A.0000538.033	V02 Tline Highland Park Tap Rebuild			
599	Electric Transmission	SPS Major Line Rebuilds	A.0000538.034	Y80 REC SANDHILL TAP LINE RBLD			
600	Electric Transmission	SPS Major Line Rebuilds	A.0000538.034	Y80 REC SANDHILL TAP LINE RBLD			
601	Electric Transmission	SPS Major Line Rebuilds	A.0000538.035	Z63 Line Rebuild PH-1			
602	Electric Transmission	SPS Major Line Rebuilds	A.0000538.035	Z63 Line Rebuild PH-1			
603	Electric Transmission	SPS Major Line Rebuilds	A.0000538.039	V16 Rbld FM 1780-CR 330			
604	Electric Transmission	SPS Major Line Rebuilds	A.0000538.039	V16 Rbld FM 1780-CR 330			
605	Electric Transmission	SPS Major Line Rebuilds	A.0000538.040	V16 CR 330-Den Cty, Line			
606	Electric Transmission	SPS Major Line Rebuilds	A.0000538.040	V16 CR 330-Den Cty, Line			
607	Electric Transmission	SPS Major Line Rebuilds	A.0000538.041	V16 Rbld FM 2196-Hwy 82, Line			
608	Electric Transmission	SPS Major Line Rebuilds	A.0000538.041	V16 Rbld FM 2196-Hwy 82, Line			
609	Electric Transmission	SPS Major Line Rebuilds	A.0000538.041	V16 Rbld FM 2196-Hwy 82, Line			
610	Electric Transmission	SPS Major Line Rebuilds	A.0000538.041	V16 Rbld FM 2196-Hwy 82, Line			
611	Electric Transmission	SPS Major Line Rebuilds	A.0000538.042	V16 Rbld Hwy 82-FM 1780			
612	Electric Transmission	SPS Major Line Rebuilds	A.0000538.042	V16 Rbld Hwy 82-FM 1780			
613	Electric Transmission	SPS Major Line Rebuilds	A.0000538.043	R12 Rebuild, Str 14/73			
614	Electric Transmission	SPS Major Line Rebuilds	A.0000538.043	R12 Rebuild, Str 14/73			
615	Electric Transmission	SPS Major Line Rebuilds	A.0000538.044	T04 Str Raise, Z51 Rbld PH1			
616	Electric Transmission	SPS Major Line Rebuilds	A.0000538.044	T04 Str Raise, Z51 Rbld PH1			
617	Electric Transmission	SPS Major Line Rebuilds	A.0000538.044	T04 Str Raise, Z51 Rbld PH1			
618	Electric Transmission	SPS Major Line Rebuilds	A.0000538.044	T04 Str Raise, Z51 Rbld PH1			
619	Electric Transmission	SPS Major Line Rebuilds	A.0000538.046	K21 STR Raise			
620	Electric Transmission	SPS Major Line Rebuilds	A.0000538.046	K21 STR Raise			
621	Electric Transmission	SPS Major Line Rebuilds	A.0000538.046	K21 STR Raise			
622	Electric Transmission	SPS Major Line Rebuilds	A.0000538.049	Z33 Line Rebuild, ROW			
623	Electric Transmission	SPS Major Line Rebuilds	A.0000538.050	K55 Structure Rplc			
624	Electric Transmission	SPS Major Line Rebuilds	A.0000538.050	K55 Structure Rplc			
625	Electric Transmission	SPS Major Line Rebuilds	A.0000538.051	U01 Structure Rplc			
626	Electric Transmission	SPS Major Line Rebuilds	A.0000538.051	U01 Structure Rplc			
627	Electric Transmission	SPS Major Line Rebuilds Total			This project group provides funding for major transmission line rebuild projects, which include replacing substantial amounts of conductor and/or a substantial number of structures on an existing line or replacing sections or all of an existing transmission line. These transmission line rebuild projects address transmission lines that have a history of poor reliability performance because of line age and conditions issues, and lines composed of conductor and/or structures that are near the end of their useful lives.	SPS Zonal	SR
628	Electric Transmission	SPS Major Line Refurbishment	A.0000469.017	Y66 Wreckout Rebuild			
629	Electric Transmission	SPS Major Line Refurbishment	A.0000469.017	Y66 Wreckout Rebuild			
630	Electric Transmission	SPS Major Line Refurbishment	A.0000469.020	Z33 Structures, Line			
631	Electric Transmission	SPS Major Line Refurbishment	A.0000469.020	Z33 Structures, Line			
632	Electric Transmission	SPS Major Line Refurbishment	A.0000469.021	Y66, ROW			
633	Electric Transmission	SPS Major Line Refurbishment Total			This project funded major transmission line refurbishments which included projects with a large quantity of end of life replacements of transmission line components, predominantly wood crossarm and wood pole/structure replacements. These components were identified as showing signs of deterioration where failure was likely during a minor or major storm. Major line refurbishment projects also include any major projects that do not involve complete rebuilds of sections of lines, including reconductor projects, re-insulation projects, complete structure replacements (without reconductoring), and so forth. This work was done on multiple transmission lines as part of a multi-year program.	SPS Zonal	SR
634	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.039	Mustang Intg SPE Relay Upgrades TX			

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(A)	(B)	(C)	(D)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
635	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.039	Mustang Intg SPE Relay Upgrades TX			
636	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.082	Yoakum SPE Relay UPGS TX			
637	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.082	Yoakum SPE Relay UPGS TX			
638	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.091	Kingsmill Intg SPE Relay UPGS TX			
639	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.091	Kingsmill Intg SPE Relay UPGS TX			
640	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.095	Pantex North V93 SPE Relay UPGS TX			
641	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.095	Pantex North V93 SPE Relay UPGS TX			
642	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.099	Pantex South SPE Relay UPGS TX			
643	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.100	Amarillo South SPE Relay UPGS TX			
644	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.100	Amarillo South SPE Relay UPGS TX			
645	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.103	Potter SPE Relay UPGS TX			
646	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.103	Potter SPE Relay UPGS TX			
647	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.105	Coulter SPE Relay UPGS TX			
648	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.105	Coulter SPE Relay UPGS TX			
649	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.114	Dumas 19th St SPE Relay			
650	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.114	Dumas 19th St SPE Relay			
651	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.115	Hockley SPE Relay			
652	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.115	Hockley SPE Relay			
653	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.120	Martin, W02 Term SPE Relay			
654	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.120	Martin, W02 Term SPE Relay			
655	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.121	Cunningham SPE Relay Rplcmnts			
656	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.121	Cunningham SPE Relay Rplcmnts			
657	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.124	Eddy Co SPE Upgrade Relay			
658	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.124	Eddy Co SPE Upgrade Relay			
659	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts Total			This project replaced existing protective relaying systems to eliminate long clearing times inherent in these existing relaying systems. Replacement of these relaying systems addresses the compliance requirements of NERC TPL-001-4 and will eliminate the long clearing times, increasing the reliability of the system, increasing crew safety during hot line clearances, and preventing possible damage to equipment.	SPS Zonal	RE
660	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.001	SPS Sub Comm Network Group 2 L			
661	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.001	SPS Sub Comm Network Group 2 L			
662	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.004	Eagle Creek Sub-W21 Fiber Sub			
663	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.004	Eagle Creek Sub-W21 Fiber Sub			
664	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.007	Eddy County Sub-W21 Fiber Sub			
665	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.007	Eddy County Sub-W21 Fiber Sub			
666	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.015	T25 Fiber, Line			
667	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.015	T25 Fiber, Line			
668	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.015	T25 Fiber, Line			
669	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.015	T25 Fiber, Line			
670	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.020	T29 Fiber, Line			
671	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.020	T29 Fiber, Line			
672	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.034	V14 Fiber, Line			
673	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.034	V14 Fiber, Line			
674	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.034	V14 Fiber, Line			
675	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.034	V14 Fiber, Line			
676	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.061	U36 Fiber, Line			
677	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.061	U36 Fiber, Line			
678	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.062	U37 Fiber, Line			
679	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.062	U37 Fiber, Line			
680	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.062	U37 Fiber, Line			
681	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.073	V37 Fiber, Line			
682	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.073	V37 Fiber, Line			
683	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.073	V37 Fiber, Line			
684	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.073	V37 Fiber, Line			

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(A)	(B)	(C)	(D)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
685	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.076	T36 Fiber, Line			
686	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.076	T36 Fiber, Line			
687	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.089	T28 Fiber, Line			
688	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.089	T28 Fiber, Line			
689	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.091	K31 Fiber, Line			
690	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.091	K31 Fiber, Line			
691	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.091	K31 Fiber, Line			
692	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.093	V44 Fiber, Line			
693	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.093	V44 Fiber, Line			
694	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.093	V44 Fiber, Line			
695	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.093	V44 Fiber, Line			
696	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.094	T86 Fiber, Line			
697	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.094	T86 Fiber, Line			
698	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.094	T86 Fiber, Line			
699	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.094	T86 Fiber, Line			
700	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.129	K30 Fiber - V12, Line			
701	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.129	K30 Fiber - V12, Line			
702	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.129	K30 Fiber - V12, Line			
703	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.130	V12 Fiber - K30, Line			
704	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.130	V12 Fiber - K30, Line			
705	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.130	V12 Fiber - K30, Line			
706	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.130	V12 Fiber - K30, Line			
707	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.131	V76 Fiber, Line			
708	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.131	V76 Fiber, Line			
709	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.132	Z18 Fiber KISR ? PLWE, Line			
710	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.132	Z18 Fiber KISR ? PLWE, Line			
711	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.133	Z18 Fiber PLWE ? HALCO, Line			
712	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.133	Z18 Fiber PLWE ? HALCO, Line			
713	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.133	Z18 Fiber PLWE ? HALCO, Line			
714	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.133	Z18 Fiber PLWE ? HALCO, Line			
715	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.135	V93 PTXS - PTXN Fiber, Line			
716	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.135	V93 PTXS - PTXN Fiber, Line			
717	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.135	V93 PTXS - PTXN Fiber, Line			
718	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.135	V93 PTXS - PTXN Fiber, Line			
719	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.263	T58 Fiber, Line 2			
720	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.263	T58 Fiber, Line 2			
721	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.263	T58 Fiber, Line 2			
722	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.263	T58 Fiber, Line 2			
723	Electric Transmission	SPS Sub Communication Network Group 2 Total			These projects provided for the construction of a fiber optics communication infrastructure within the SPS region. This second leg is the continuation of a multi-year effort in the Amarillo area for installing Optical Ground Wire ("OPGW") in the static position on selected transmission lines to create a redundant fiber optic communication ring with access to the Amarillo Transmission Operations Center. This ring provides redundant protection paths for the line sections on which the OPGW is installed as well as provides redundant paths for the Supervisory Control And Data Acquisition ("SCADA") system.	SPS Zonal	OT
724	Electric Transmission	SPS Switch Replace	A.0000514.009	SPS Sub Switch Replacement			
725	Electric Transmission	SPS Switch Replace	A.0000514.009	SPS Sub Switch Replacement			
726	Electric Transmission	SPS Switch Replace Total			This project replaced switches with cap and pin insulators because these cap and pin insulators have a long history of high failure rates. The new switches installed use a better design of insulator and will provide much improved reliability over the switches they replaced.	SPS Zonal	SR
727	Electric Transmission	STEP Newhart Interchange	A.0000421.008	Newhart Intg Swisher-Newhart23			
728	Electric Transmission	STEP Newhart Interchange	A.0000421.008	Newhart Intg Swisher-Newhart23			
729	Electric Transmission	STEP Newhart Interchange	A.0000421.008	Newhart Intg Swisher-Newhart23			

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(A)	(B)	(C)	(D)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
730	Electric Transmission	STEP Newhart Interchange Total			This project constructed a new 230/115-kV interchange and substation with associated 115-kV transmission lines near Hart, Texas. The project upgraded the transmission system in this area and relieved high transmission loadings on the central part of the SPS transmission system in Castro, Parmer, Swisher, Bailey, Lamb and Hale counties. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
731	Electric Transmission	Substation Grounding Upgrade - SPS	A.0001828.002	Lubbock South Grd Grid Mitigation			
732	Electric Transmission	Substation Grounding Upgrade - SPS	A.0001828.002	Lubbock South Grd Grid Mitigation			
733	Electric Transmission	Substation Grounding Upgrade - SPS Total			This project upgraded the ground grids at existing substations where the existing ground grid was not adequate to handle present day fault currents available at the particular substation. This work was done at several substations as part of a multi-year program.	SPS Zonal	RE
734	Electric Transmission	T73 Switch Additions	A.0001798.001	T73 Switch Additions			
735	Electric Transmission	T73 Switch Additions Total			This project installed two line switches on 115-kV transmission line T-73. These switches were needed to provide operational flexibility and reliability with the addition of the new Preston West Substation to this line.	SPS Zonal	RE
736	Electric Transmission	T-97 Millen-Hobbs	A.0001232.002	T 97 Rebuild			
737	Electric Transmission	T-97 Millen-Hobbs	A.0001232.002	T 97 Rebuild			
738	Electric Transmission	T-97 Millen-Hobbs Total			This project rebuilt approximately 3.5 miles of 115-kV line and the corresponding line terminal equipment at Millen Substation. This work was needed to comply with an NTC from SPP requiring a minimum summer emergency rating of 175 MVA for the line from Hobbs Plant Substation to Millen Substation and its substation terminals. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
739	Electric Transmission	Texas County 115kV Capacitor Bank	A.0001296.003	Texas County Cap Bank			
740	Electric Transmission	Texas County 115kV Capacitor Bank	A.0001296.003	Texas County Cap Bank			
741	Electric Transmission	Texas County 115kV Capacitor Bank Total			This project replaced the 115-kV capacitor bank at Texas County Interchange that was at the end of its useful life. The protection scheme on this capacitor bank is no longer supported by the manufacturer and parts are no longer available. The capacitor bank itself was also at the end of its useful life.	SPS Zonal	SR
742	Electric Transmission	Tip Top Solar	A.0001480.001	Tip Top Solar, RR Term TOIF			
743	Electric Transmission	Tip Top Solar	A.0001480.001	Tip Top Solar, RR Term TOIF			
744	Electric Transmission	Tip Top Solar	A.0001480.002	Tip Top Solar, RR Term, Sub			
745	Electric Transmission	Tip Top Solar	A.0001480.002	Tip Top Solar, RR Term, Sub			
746	Electric Transmission	Tip Top Solar Total			This project constructed a new 115-kV terminal at Roadrunner Substation to interconnect a new solar farm to the transmission system.	Customer Funded	GI
747	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.012	Tolk 230kV Sub			
748	Electric Transmission	Tolk DBDB 230kV Expansion	A.0001045.012	Tolk 230kV Sub			
749	Electric Transmission	Tolk DBDB 230kV Expansion Total			This project reconfigured the existing split-main and transfer 230-kV bus at Tolk Station to a double bus-double breaker arrangement. This project was identified in the 2016 NERC TPL-001-4 assessment and resolves the compliance issues related to NERC TPL-001-4 Category P4 (breaker failure) and P5 (non-redundancy) events, which cause the loss of both generators, both 230-kV buses and major 230-kV transmission paths through the Tolk substation, resulting in both system instability and voltage collapse. With the new double-bus, double-breaker configuration, a stuck breaker condition (Category P4) will result in the outage of only one transmission element.	SPS Zonal	RE
750	Electric Transmission	Transmission UAV Flights	A.0000855.004	SPS Transmission UAV			
751	Electric Transmission	Transmission UAV Flights	A.0000855.004	SPS Transmission UAV			

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(A)	(B)	(C)	(D)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
752	Electric Transmission	Transmission UAV Flights Total			Xcel Energy has obtained approval from the FAA for Beyond the Visual Line Of Sight (BVLOS) to fly Unmanned Aircraft Vehicles (UAV) to collect electronic data on all Transmission lines to create an electronic durable asset. The electronic durable asset is the intangible asset that will be capitalized in this UAV project. The project integrates the collected electronic durable asset data to the foundational existing Geographic Information System (GIS) model for Xcel Energy Transmission. The foundation GIS asset model is missing some of the fields needed for a complete 3D model and the UAV data being collected with this project will fill in the remaining fields. The use of UAVs for the data collection is safer than the traditional helicopter methods and allows for better data quality since it flies lower and slower above transmission lines. Electronic information/data from Transmission's GIS systems are collectively used in the modeling that aids the Transmission Business area in transmission line & substation ratings, operations and decision making.	SPS Zonal	OT
753	Electric Transmission	TX PUC-HB4150	A.0001439.001	TX PUC-HB4150			
754	Electric Transmission	TX PUC-HB4150	A.0001439.001	TX PUC-HB4150			
755	Electric Transmission	TX PUC-HB4150	A.0001439.001	TX PUC-HB4150			
756	Electric Transmission	TX PUC-HB4150	A.0001439.001	TX PUC-HB4150			
757	Electric Transmission	TX PUC-HB4150	A.0001439.012	V79 H Bill, Line			
758	Electric Transmission	TX PUC-HB4150	A.0001439.012	V79 H Bill, Line			
759	Electric Transmission	TX PUC-HB4150	A.0001439.012	V79 H Bill, Line			
760	Electric Transmission	TX PUC-HB4150	A.0001439.012	V79 H Bill, Line			
761	Electric Transmission	TX PUC-HB4150	A.0001439.013	T04 H Bill, Line			
762	Electric Transmission	TX PUC-HB4150	A.0001439.013	T04 H Bill, Line			
763	Electric Transmission	TX PUC-HB4150	A.0001439.013	T04 H Bill, Line			
764	Electric Transmission	TX PUC-HB4150	A.0001439.013	T04 H Bill, Line			
765	Electric Transmission	TX PUC-HB4150	A.0001439.014	Y62 H Bill, Line			
766	Electric Transmission	TX PUC-HB4150	A.0001439.014	Y62 H Bill, Line			
767	Electric Transmission	TX PUC-HB4150	A.0001439.015	Z51 H Bill, Line			
768	Electric Transmission	TX PUC-HB4150	A.0001439.015	Z51 H Bill, Line			
769	Electric Transmission	TX PUC-HB4150	A.0001439.015	Z51 H Bill, Line			
770	Electric Transmission	TX PUC-HB4150	A.0001439.015	Z51 H Bill, Line			
771	Electric Transmission	TX PUC-HB4150	A.0001439.016	K42 H Bill, Line			
772	Electric Transmission	TX PUC-HB4150	A.0001439.016	K42 H Bill, Line			
773	Electric Transmission	TX PUC-HB4150	A.0001439.016	K42 H Bill, Line			
774	Electric Transmission	TX PUC-HB4150	A.0001439.017	Z62 H Bill, Line			
775	Electric Transmission	TX PUC-HB4150	A.0001439.017	Z62 H Bill, Line			
776	Electric Transmission	TX PUC-HB4150	A.0001439.021	V29 H Bill, Line			
777	Electric Transmission	TX PUC-HB4150	A.0001439.021	V29 H Bill, Line			
778	Electric Transmission	TX PUC-HB4150	A.0001439.021	V29 H Bill, Line			
779	Electric Transmission	TX PUC-HB4150	A.0001439.021	V29 H Bill, Line			
780	Electric Transmission	TX PUC-HB4150	A.0001439.023	K46 H Bill, Line			
781	Electric Transmission	TX PUC-HB4150	A.0001439.023	K46 H Bill, Line			
782	Electric Transmission	TX PUC-HB4150	A.0001439.023	K46 H Bill, Line			
783	Electric Transmission	TX PUC-HB4150	A.0001439.024	Y56 H Bill, Line			
784	Electric Transmission	TX PUC-HB4150	A.0001439.024	Y56 H Bill, Line			
785	Electric Transmission	TX PUC-HB4150	A.0001439.025	Y93 H Bill, Line			
786	Electric Transmission	TX PUC-HB4150	A.0001439.025	Y93 H Bill, Line			
787	Electric Transmission	TX PUC-HB4150	A.0001439.026	Y79 H Bill, Line			
788	Electric Transmission	TX PUC-HB4150	A.0001439.026	Y79 H Bill, Line			
789	Electric Transmission	TX PUC-HB4150	A.0001439.027	V35 H Bill, Line			
790	Electric Transmission	TX PUC-HB4150	A.0001439.027	V35 H Bill, Line			
791	Electric Transmission	TX PUC-HB4150	A.0001439.028	Z53 H Bill, Line			
792	Electric Transmission	TX PUC-HB4150	A.0001439.028	Z53 H Bill, Line			
793	Electric Transmission	TX PUC-HB4150	A.0001439.028	Z53 H Bill, Line			

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(A)	(B)	(C)	(D)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
794	Electric Transmission	TX PUC-HB4150	A.0001439.028	Z53 H Bill, Line			
795	Electric Transmission	TX PUC-HB4150	A.0001439.029	Z67 H Bill, Line			
796	Electric Transmission	TX PUC-HB4150	A.0001439.029	Z67 H Bill, Line			
797	Electric Transmission	TX PUC-HB4150	A.0001439.029	Z67 H Bill, Line			
798	Electric Transmission	TX PUC-HB4150	A.0001439.029	Z67 H Bill, Line			
799	Electric Transmission	TX PUC-HB4150	A.0001439.030	Y59 H Bill, Line			
800	Electric Transmission	TX PUC-HB4150	A.0001439.030	Y59 H Bill, Line			
801	Electric Transmission	TX PUC-HB4150	A.0001439.030	Y59 H Bill, Line			
802	Electric Transmission	TX PUC-HB4150	A.0001439.030	Y59 H Bill, Line			
803	Electric Transmission	TX PUC-HB4150	A.0001439.031	Y95 H Bill, Line			
804	Electric Transmission	TX PUC-HB4150	A.0001439.031	Y95 H Bill, Line			
805	Electric Transmission	TX PUC-HB4150	A.0001439.031	Y95 H Bill, Line			
806	Electric Transmission	TX PUC-HB4150	A.0001439.031	Y95 H Bill, Line			
807	Electric Transmission	TX PUC-HB4150	A.0001439.032	Z85 H Bill, Line			
808	Electric Transmission	TX PUC-HB4150	A.0001439.032	Z85 H Bill, Line			
809	Electric Transmission	TX PUC-HB4150	A.0001439.033	Y89 H Bill, Line			
810	Electric Transmission	TX PUC-HB4150	A.0001439.033	Y89 H Bill, Line			
811	Electric Transmission	TX PUC-HB4150	A.0001439.034	Z46 H Bill, Line			
812	Electric Transmission	TX PUC-HB4150	A.0001439.034	Z46 H Bill, Line			
813	Electric Transmission	TX PUC-HB4150	A.0001439.036	Z25 H Bill, Line			
814	Electric Transmission	TX PUC-HB4150	A.0001439.036	Z25 H Bill, Line			
815	Electric Transmission	TX PUC-HB4150	A.0001439.037	T47 H Bill, Line			
816	Electric Transmission	TX PUC-HB4150	A.0001439.037	T47 H Bill, Line			
817	Electric Transmission	TX PUC-HB4150	A.0001439.039	T27 H Bill, Line			
818	Electric Transmission	TX PUC-HB4150	A.0001439.039	T27 H Bill, Line			
819	Electric Transmission	TX PUC-HB4150	A.0001439.039	T27 H Bill, Line			
820	Electric Transmission	TX PUC-HB4150	A.0001439.039	T27 H Bill, Line			
821	Electric Transmission	TX PUC-HB4150	A.0001439.040	K10 H Bill, Line			
822	Electric Transmission	TX PUC-HB4150	A.0001439.040	K10 H Bill, Line			
823	Electric Transmission	TX PUC-HB4150	A.0001439.040	K10 H Bill, Line			
824	Electric Transmission	TX PUC-HB4150	A.0001439.041	U22 H Bill, Line			
825	Electric Transmission	TX PUC-HB4150	A.0001439.041	U22 H Bill, Line			
826	Electric Transmission	TX PUC-HB4150	A.0001439.041	U22 H Bill, Line			
827	Electric Transmission	TX PUC-HB4150	A.0001439.041	U22 H Bill, Line			
828	Electric Transmission	TX PUC-HB4150	A.0001439.042	Z74 H Bill, Line			
829	Electric Transmission	TX PUC-HB4150	A.0001439.042	Z74 H Bill, Line			
830	Electric Transmission	TX PUC-HB4150	A.0001439.042	Z74 H Bill, Line			
831	Electric Transmission	TX PUC-HB4150	A.0001439.042	Z74 H Bill, Line			
832	Electric Transmission	TX PUC-HB4150	A.0001439.043	V13 H Bill, Line			
833	Electric Transmission	TX PUC-HB4150	A.0001439.043	V13 H Bill, Line			
834	Electric Transmission	TX PUC-HB4150	A.0001439.043	V13 H Bill, Line			
835	Electric Transmission	TX PUC-HB4150	A.0001439.043	V13 H Bill, Line			
836	Electric Transmission	TX PUC-HB4150	A.0001439.044	V43 H Bill, Line			
837	Electric Transmission	TX PUC-HB4150	A.0001439.044	V43 H Bill, Line			
838	Electric Transmission	TX PUC-HB4150	A.0001439.044	V43 H Bill, Line			
839	Electric Transmission	TX PUC-HB4150	A.0001439.044	V43 H Bill, Line			
840	Electric Transmission	TX PUC-HB4150	A.0001439.045	T08 H Bill, Line			
841	Electric Transmission	TX PUC-HB4150	A.0001439.045	T08 H Bill, Line			
842	Electric Transmission	TX PUC-HB4150	A.0001439.045	T08 H Bill, Line			
843	Electric Transmission	TX PUC-HB4150	A.0001439.045	T08 H Bill, Line			
844	Electric Transmission	TX PUC-HB4150	A.0001439.046	Z36 H Bill, Line			
845	Electric Transmission	TX PUC-HB4150	A.0001439.046	Z36 H Bill, Line			
846	Electric Transmission	TX PUC-HB4150	A.0001439.046	Z36 H Bill, Line			
847	Electric Transmission	TX PUC-HB4150	A.0001439.046	Z36 H Bill, Line			
848	Electric Transmission	TX PUC-HB4150	A.0001439.047	T58 H Bill, Line			

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(A)	(B)	(C)	(D)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
849	Electric Transmission	TX PUC-HB4150	A.0001439.047	T58 H Bill, Line			
850	Electric Transmission	TX PUC-HB4150	A.0001439.047	T58 H Bill, Line			
851	Electric Transmission	TX PUC-HB4150	A.0001439.047	T58 H Bill, Line			
852	Electric Transmission	TX PUC-HB4150	A.0001439.048	W36 H Bill, Line			
853	Electric Transmission	TX PUC-HB4150	A.0001439.048	W36 H Bill, Line			
854	Electric Transmission	TX PUC-HB4150	A.0001439.048	W36 H Bill, Line			
855	Electric Transmission	TX PUC-HB4150	A.0001439.048	W36 H Bill, Line			
856	Electric Transmission	TX PUC-HB4150	A.0001439.049	V99 H Bill, Line			
857	Electric Transmission	TX PUC-HB4150	A.0001439.049	V99 H Bill, Line			
858	Electric Transmission	TX PUC-HB4150	A.0001439.049	V99 H Bill, Line			
859	Electric Transmission	TX PUC-HB4150	A.0001439.049	V99 H Bill, Line			
860	Electric Transmission	TX PUC-HB4150	A.0001439.050	Y84 H Bill, Line			
861	Electric Transmission	TX PUC-HB4150	A.0001439.050	Y84 H Bill, Line			
862	Electric Transmission	TX PUC-HB4150	A.0001439.050	Y84 H Bill, Line			
863	Electric Transmission	TX PUC-HB4150	A.0001439.050	Y84 H Bill, Line			
864	Electric Transmission	TX PUC-HB4150	A.0001439.051	V14 H Bill, Line			
865	Electric Transmission	TX PUC-HB4150	A.0001439.051	V14 H Bill, Line			
866	Electric Transmission	TX PUC-HB4150	A.0001439.051	V14 H Bill, Line			
867	Electric Transmission	TX PUC-HB4150	A.0001439.051	V14 H Bill, Line			
868	Electric Transmission	TX PUC-HB4150	A.0001439.052	Y85 H Bill, Line			
869	Electric Transmission	TX PUC-HB4150	A.0001439.052	Y85 H Bill, Line			
870	Electric Transmission	TX PUC-HB4150	A.0001439.052	Y85 H Bill, Line			
871	Electric Transmission	TX PUC-HB4150	A.0001439.052	Y85 H Bill, Line			
872	Electric Transmission	TX PUC-HB4150	A.0001439.053	T28 H Bill, Line			
873	Electric Transmission	TX PUC-HB4150	A.0001439.053	T28 H Bill, Line			
874	Electric Transmission	TX PUC-HB4150	A.0001439.053	T28 H Bill, Line			
875	Electric Transmission	TX PUC-HB4150	A.0001439.053	T28 H Bill, Line			
876	Electric Transmission	TX PUC-HB4150	A.0001439.054	Z71 H Bill, Line			
877	Electric Transmission	TX PUC-HB4150	A.0001439.054	Z71 H Bill, Line			
878	Electric Transmission	TX PUC-HB4150	A.0001439.054	Z71 H Bill, Line			
879	Electric Transmission	TX PUC-HB4150	A.0001439.054	Z71 H Bill, Line			
880	Electric Transmission	TX PUC-HB4150	A.0001439.055	T68 H Bill, Line			
881	Electric Transmission	TX PUC-HB4150	A.0001439.055	T68 H Bill, Line			
882	Electric Transmission	TX PUC-HB4150	A.0001439.055	T68 H Bill, Line			
883	Electric Transmission	TX PUC-HB4150	A.0001439.055	T68 H Bill, Line			
884	Electric Transmission	TX PUC-HB4150 Total			This project funds the inspection and mitigation of SPS's 69-kV transmission lines to provide compliance to the Texas law that originated from House Bill 4150. This law requires utilities to periodically inspect transmission lines for vertical ground clearance in accordance with National Electrical Safety Code standards. Mitigations included in this project are typically the replacement of transmission structures to provide the needed additional ground clearance to meet code.	SPS Zonal	SR
885	Electric Transmission	TxDot Relocate	A.0001383.007	V50 Str TxDot Relocate			
886	Electric Transmission	TxDot Relocate	A.0001383.007	V50 Str TxDot Relocate			
887	Electric Transmission	TxDot Relocate	A.0001383.007	V50 Str TxDot Relocate			
888	Electric Transmission	TxDot Relocate	A.0001383.007	V50 Str TxDot Relocate			
889	Electric Transmission	TxDot Relocate	A.0001383.008	TxDot V50, ROW			
890	Electric Transmission	TxDot Relocate	A.0001383.009	TxDot Z-34 Relocate			
891	Electric Transmission	TxDot Relocate	A.0001383.009	TxDot Z-34 Relocate			
892	Electric Transmission	TxDot Relocate	A.0001383.009	TxDot Z-34 Relocate			
893	Electric Transmission	TxDot Relocate	A.0001383.009	TxDot Z-34 Relocate			
894	Electric Transmission	TxDot Relocate	A.0001383.010	TxDot T-47 Relocate			
895	Electric Transmission	TxDot Relocate	A.0001383.010	TxDot T-47 Relocate			
896	Electric Transmission	TxDot Relocate	A.0001383.010	TxDot T-47 Relocate			
897	Electric Transmission	TxDot Relocate	A.0001383.010	TxDot T-47 Relocate			

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(A)	(B)	(C)	(D)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
898	Electric Transmission	TxDot Relocate Total			This project replaced transmission structures on several transmission lines to clear the right of way for a Texas Department of Transportation (TxDOT) project to construct Loop 335 on the west side of Amarillo, Texas. SPS was obligated to clear the new right of way for this state highway project. TxDOT will reimburse SPS for a portion of the project costs.	SPS Zonal/Customer Funded	OT
899	Electric Transmission	Unserviceable - Breakers - SPS	A.0000798.012	Cole Rpl Breaker 0845			
900	Electric Transmission	Unserviceable - Breakers - SPS	A.0000798.012	Cole Rpl Breaker 0845			
901	Electric Transmission	Unserviceable - Breakers - SPS Total			This project replaced circuit breakers that failed tests and were not performing correctly or had become under-rated due to transmission or generation additions. This work was done at multiple substations as part of a multi-year program.	SPS Zonal	SR
902	Electric Transmission	V15 Line NEW DEAL SUB-Y84.4 SHWT	A.0001731.001	V15 Line NEW DEAL SUB-Y84.4 SHWT			
903	Electric Transmission	V15 Line NEW DEAL SUB-Y84.4 SHWT	A.0001731.001	V15 Line NEW DEAL SUB-Y84.4 SHWT			
904	Electric Transmission	V15 Line NEW DEAL SUB-Y84.4 SHWT	A.0001731.002	Y84 Line, NEW DEALSUB-Y84.4 SHWT			
905	Electric Transmission	V15 Line NEW DEAL SUB-Y84.4 SHWT	A.0001731.002	Y84 Line, NEW DEALSUB-Y84.4 SHWT			
906	Electric Transmission	V15 Line NEW DEAL SUB-Y84.4 SHWT	A.0001731.002	Y84 Line, NEW DEALSUB-Y84.4 SHWT			
907	Electric Transmission	V15 Line NEW DEAL SUB-Y84.4 SHWT	A.0001731.002	Y84 Line, NEW DEALSUB-Y84.4 SHWT			
908	Electric Transmission	V15 Line NEW DEAL SUB-Y84.4 SHWT Total			This project was part of phase three of four of a complete wreck out and rebuild of approximately 19 miles of the double circuit line consisting of the 115-kV line V-15 and the 69-kV line Y-84. These circuits had substantial reliability issues caused by the age and condition of these facilities. This project rebuilt approximately 4 miles of existing V-15 / Y-84 double circuit transmission line between New Deal, Texas and the Shallowater Tap	SPS Zonal	SR
909	Electric Transmission	V15 Line-Y84.4 SHWT TAP-STE A	A.0001732.001	V15 Line-Y84.4 SHWT TAP-STE A			
910	Electric Transmission	V15 Line-Y84.4 SHWT TAP-STE A	A.0001732.001	V15 Line-Y84.4 SHWT TAP-STE A			
911	Electric Transmission	V15 Line-Y84.4 SHWT TAP-STE A	A.0001732.002	Y84 Line, Y84.4 SHWTTAP-STE A			
912	Electric Transmission	V15 Line-Y84.4 SHWT TAP-STE A	A.0001732.002	Y84 Line, Y84.4 SHWTTAP-STE A			
913	Electric Transmission	V15 Line-Y84.4 SHWT TAP-STE A	A.0001732.002	Y84 Line, Y84.4 SHWTTAP-STE A			
914	Electric Transmission	V15 Line-Y84.4 SHWT TAP-STE A	A.0001732.002	Y84 Line, Y84.4 SHWTTAP-STE A			
915	Electric Transmission	V15 Line-Y84.4 SHWT TAP-STE A Total			This project was part of phase three of four of a complete wreck out and rebuild of approximately 19 miles of the double circuit line consisting of the 115-kV line V-15 and the 69-kV line Y-84. These circuits had substantial reliability issues caused by the age and condition of these facilities. This project rebuilt approximately 4.5 miles of the existing V-15 / Y-84 double circuit transmission line between the Shallowater Tap and Stanton Substation.	SPS Zonal	SR
916	Electric Transmission	V15 Tucu Indiana Rebuild	A.0001314.006	Y84 Line, TUCO ? NEWDEAL SUB			
917	Electric Transmission	V15 Tucu Indiana Rebuild	A.0001314.006	Y84 Line, TUCO ? NEWDEAL SUB			
918	Electric Transmission	V15 Tucu Indiana Rebuild	A.0001314.007	K24 Structure Raise			
919	Electric Transmission	V15 Tucu Indiana Rebuild	A.0001314.007	K24 Structure Raise			
920	Electric Transmission	V15 Tucu Indiana Rebuild	A.0001314.008	V15 Tucu Indiana Line			
921	Electric Transmission	V15 Tucu Indiana Rebuild	A.0001314.008	V15 Tucu Indiana Line			
922	Electric Transmission	V15 Tucu Indiana Rebuild	A.0001314.009	V15, ROW			
923	Electric Transmission	V15 Tucu Indiana Rebuild Total			This project was phases one and two of four of a complete wreck out and rebuild of approximately 19 miles of the double circuit line consisting of the 115-kV line V-15 and the 69-kV line Y-84. These circuits had substantial reliability issues caused by the age and condition of these facilities. This project rebuilt approximately 10 miles of existing V-15 / Y-84 double circuit transmission line between TUCO Substation and New Deal, Texas.	SPS Zonal	SR
924	Electric Transmission	V16 Terry Co Denver Cty Rebuild	A.0001318.001	V16 Terry Co Denver Cty Rebl d			
925	Electric Transmission	V16 Terry Co Denver Cty Rebuild	A.0001318.001	V16 Terry Co Denver Cty Rebl d			
926	Electric Transmission	V16 Terry Co Denver Cty Rebuild Total			This project wrecked out and rebuilt approximately 8.6 miles of existing 115-kV transmission line V-16, Terry County Substation to Denver City Substation. This portion of the circuit has had substantial reliability issues caused by the age and condition of these facilities.	SPS Zonal	SR
927	Electric Transmission	W26 Byrd Tap-Cooper Reconductor	A.0000609.001	W26 Byrd Tap-Cooper Rch Wreckout Re			
928	Electric Transmission	W26 Byrd Tap-Cooper Reconductor	A.0000609.001	W26 Byrd Tap-Cooper Rch Wreckout Re			

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(A)	(B)	(C)	(D)	(G)	(H)	(I)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
929	Electric Transmission	W26 Byrd Tap-Cooper Reconductor	W26 Byrd Tap-Cooper Rch Wreckout Re			
930	Electric Transmission	W26 Byrd Tap-Cooper Reconductor Total		This project rebuilt the 4.9-mile, 115-kV line from Byrd Substation Tap to Cooper Ranch Substation to achieve a minimum summer emergency rating of 166 MVA to address regional reliability issues. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
931	Electric Transmission	W-26 Cooper Ranch-Oil Ctr wreck out rebuild	W26 Cooper Rch Oil Ctr Wreck Out Rb			
932	Electric Transmission	W-26 Cooper Ranch-Oil Ctr wreck out rebuild	W26 Cooper Rch Oil Ctr Wreck Out Rb			
933	Electric Transmission	W-26 Cooper Ranch-Oil Ctr wreck out rebuild	W26 Cooper Rch Oil Ctr Wreck Out Rb			
934	Electric Transmission	W-26 Cooper Ranch-Oil Ctr wreck out rebuild Total		This project rebuilt the 3.5-mile, 115-kV line from Cooper Ranch Substation to Oil Center Substation to achieve a minimum summer emergency rating of 163 MVA to address regional reliability issues. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
935	Electric Transmission	W26 Reconductor Cunningham-Monument Tap	Oil Center W-26 line terminal upgra			
936	Electric Transmission	W26 Reconductor Cunningham-Monument Tap	Oil Center W-26 line terminal upgra			
937	Electric Transmission	W26 Reconductor Cunningham-Monument Tap	Cunningham Wave Trap W26 Term			
938	Electric Transmission	W26 Reconductor Cunningham-Monument Tap	Cunningham Wave Trap W26 Term			
939	Electric Transmission	W26 Reconductor Cunningham-Monument Tap Total		This project rebuilt the 6.5-mile, 115-kV line from Cunningham Generation Plant to Monument Substation Tap to achieve a minimum summer emergency rating of 184 MVA to address regional reliability issues. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
940	Electric Transmission	W27 Oil Center-Lea Road Reconductor	W27 Oil Center-Lea Road reconductor			
941	Electric Transmission	W27 Oil Center-Lea Road Reconductor	W27 Oil Center-Lea Road reconductor			
942	Electric Transmission	W27 Oil Center-Lea Road Reconductor Total		This project rebuilt the 3.1-mile, 115-kV line from Lea Road Substation to Oil Center Substation to achieve a minimum summer emergency rating of 162 MVA to address regional reliability issues. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
943	Electric Transmission	Westover 115k/13.2KV Substation	Preston West 115/13.2KV Substation			
944	Electric Transmission	Westover 115k/13.2KV Substation	Preston West 115/13.2KV Substation			
945	Electric Transmission	Westover 115k/13.2KV Substation	U32 115kV Coulter-Preston West Sub			
946	Electric Transmission	Westover 115k/13.2KV Substation	U32 115kV Coulter-Preston West Sub			
947	Electric Transmission	Westover 115k/13.2KV Substation	U32 115kV Coulter-Preston West Sub			
948	Electric Transmission	Westover 115k/13.2KV Substation	U32 115kV Coulter-Preston West Sub			
949	Electric Transmission	Westover 115k/13.2KV Substation	U33 115kV Owens Corning-Preston Wes			
950	Electric Transmission	Westover 115k/13.2KV Substation	U33 115kV Owens Corning-Preston Wes			
951	Electric Transmission	Westover 115k/13.2KV Substation	U33 115kV Owens Corning-Preston Wes			
952	Electric Transmission	Westover 115k/13.2KV Substation	U33 115kV Owens Corning-Preston Wes			
953	Electric Transmission	Westover 115k/13.2KV Substation	Coulter Relay Sub			
954	Electric Transmission	Westover 115k/13.2KV Substation	Coulter Relay Sub			
955	Electric Transmission	Westover 115k/13.2KV Substation	Owens Corning Relay Sub			
956	Electric Transmission	Westover 115k/13.2KV Substation	Owens Corning Relay Sub			
957	Electric Transmission	Westover 115k/13.2KV Substation	V 44 Wreck Out Line			
958	Electric Transmission	Westover 115k/13.2KV Substation	V 44 Wreck Out Line			
959	Electric Transmission	Westover 115k/13.2KV Substation	V 44 Wreck Out Line			
960	Electric Transmission	Westover 115k/13.2KV Substation	V 44 Wreck Out Line			
961	Electric Transmission	Westover 115k/13.2KV Substation Total		This project installed the transmission line tap from the existing 115-kV transmission line V-44 and the transmission substation components needed to provide service to the new Preston West distribution substation located in south Amarillo, Texas. SPS Distribution requested a transmission delivery point to this new substation.	SPS Zonal	LI
962	Electric Transmission	Wolverine DCP Substation	Wolverine T28 Ntwrk Upgrd, Line			
963	Electric Transmission	Wolverine DCP Substation	Wolverine T28 Ntwrk Upgrd, Line			
964	Electric Transmission	Wolverine DCP Substation	Wolverine T28 Ntwrk Upgrd, Line			
965	Electric Transmission	Wolverine DCP Substation	Wolverine T28 Ntwrk Upgrd, Line			
966	Electric Transmission	Wolverine DCP Substation Total		This project installed a transmission tap line approximately two miles in length from the existing 115-kV transmission line T-28 and the transmission substation components needed to provide service to the new Wolverine distribution substation located south of Springlake, Texas. SPS Distribution requested a transmission delivery point to this new substation.	SPS Zonal/Customer Funded	LI
967	Electric Transmission	Y58 Rebuild Ph1	Y58 PH1-HTCO to BURN			

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(A)	(B)	(C)	(D)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
968	Electric Transmission	Y58 Rebuild Ph1	A.0001426.001	Y58 PH1-HTCO to BURN			
969	Electric Transmission	Y58 Rebuild Ph1	A.0001426.003	Y61 - STR Raise for Y58 Rebuild			
970	Electric Transmission	Y58 Rebuild Ph1	A.0001426.003	Y61 - STR Raise for Y58 Rebuild			
971	Electric Transmission	Y58 Rebuild Ph1	A.0001426.004	V35 - STR Raise for Y58 Rebuild			
972	Electric Transmission	Y58 Rebuild Ph1	A.0001426.004	V35 - STR Raise for Y58 Rebuild			
973	Electric Transmission	Y58 Rebuild Ph1 Total			This project was phase one of three of a complete wreck out and rebuild of approximately 28 miles of the 69-kV Transmission line Y-58 from Hutchinson County Substation to Gray County Substation. This line had substantial reliability issues because of the age and condition of the facilities.	SPS Zonal	SR
974	Electric Transmission	Y58 Rebuild Ph3	A.0001428.001	Y58 PH3- ROXA to GRCO			
975	Electric Transmission	Y58 Rebuild Ph3	A.0001428.001	Y58 PH3- ROXA to GRCO			
976	Electric Transmission	Y58 Rebuild Ph3	A.0001428.002	Y58 ROXA - GRCO, PH3 ROW			
977	Electric Transmission	Y58 Rebuild Ph3 Total			This project was phase three of three of a complete wreck out and rebuild of approximately 28 miles of the 69-kV transmission line Y-58 from Hutchinson County Substation to Gray County Substation. This line had substantial reliability issues because of the age and condition of the facilities.	SPS Zonal	SR
978	Electric Transmission	Z18 Tuco Hale Center Hale Co Phase 3	A.0001205.002	Z18 Tuco Hale Center Phase 3			
979	Electric Transmission	Z18 Tuco Hale Center Hale Co Phase 3	A.0001205.002	Z18 Tuco Hale Center Phase 3			
980	Electric Transmission	Z18 Tuco Hale Center Hale Co Phase 3	A.0001205.002	Z18 Tuco Hale Center Phase 3			
981	Electric Transmission	Z18 Tuco Hale Center Hale Co Phase 3	A.0001205.002	Z18 Tuco Hale Center Phase 3			
982	Electric Transmission	Z18 Tuco Hale Center Hale Co Phase 3 Total			This project was phase three of four of a complete wreck out and rebuild of 18.1 miles of the 69-kV Z-18 transmission line from TUCO Substation to Hale County Substation. This project was needed because the age and poor physical condition of the existing line was causing reliability issues.	SPS Zonal	SR
983	Electric Transmission	Z66 Booker/Wade Conversion	A.0000646.014	Ochiltree - Booker, Line			
984	Electric Transmission	Z66 Booker/Wade Conversion	A.0000646.014	Ochiltree - Booker, Line			
985	Electric Transmission	Z66 Booker/Wade Conversion	A.0000646.014	Ochiltree - Booker, Line			
986	Electric Transmission	Z66 Booker/Wade Conversion Total			This project removed the existing 69-kV line Z-66 (Perryton to Booker) and replaced it with a new 115-kV transmission line. It also converted the existing Wade and Booker substations to 115-kV operation. This project mitigated low voltage and overload conditions due to a Hitchland-Ochiltree 230-kV line outage and allows for future load growth in the area. The new source for these substations is the Ochiltree Substation 115-kV bus.	SPS Zonal	RE
987	Electric Transmission Total						
988	Electric General - Software	Transmission UAV Flights	A.0000855.012	SPS Transmission UAV - 2022			
989	Electric General - Software	Transmission UAV Flights Total			Xcel Energy has obtained approval from the FAA for Beyond the Visual Line Of Sight (BVLOS) to fly Unmanned Aircraft Vehicles (UAV) to collect electronic data on all Transmission lines to create an electronic durable asset. The electronic durable asset is the intangible asset that will be capitalized in this UAV project. The project integrates the collected electronic durable asset data to the foundational existing Geographic Information System (GIS) model for Xcel Energy Transmission. The foundation GIS asset model is missing some of the fields needed for a complete 3D model and the UAV data being collected with this project will fill in the remaining fields. The use of UAVs for the data collection is safer than the traditional helicopter methods and allows for better data quality since it flies lower and slower above transmission lines. Electronic information/data from Transmission's GIS systems are collectively used in the modeling that aids the Transmission Business area in transmission line & substation ratings, operations and decision making.	SPS Zonal	OT
990	Electric Intangible Total						
991	Electric General	DCP Lawrence Park Substation	A.0001433.009	Lawrence Park TAM Fiber, COMM			
992	Electric General	DCP Lawrence Park Substation	A.0001433.010	Soney, COMM			
993	Electric General	DCP Lawrence Park Substation	A.0001433.011	So Georgia, COMM			

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Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
994	Electric General	DCP Lawrence Park Substation Total			This project replaced the existing Lawrence Park Substation with a new distribution substation at the same location. The existing Lawrence Park substation equipment had reached the end of life and needed to be replaced. This project installed the needed transmission substation components to continue to use the existing transmission lines Z-23 and Z-40 to provide service to this substation.	SPS Zonal	SR
995	Electric General	Eagle Creek Expansion	A.0001658.003	Eagle Creek, COMM			
996	Electric General	Eagle Creek Expansion Total			This project expanded the Eagle Creek Substation and retired Artesia Interchange. Both 115/69-kV transformers at Artesia Interchange were at the end of their useful lives and needed to be replaced. Instead of replacing these transformers at Artesia Interchange, the 69-kV bus at nearby Eagle Creek Substation was expanded and the new transformers were installed there. Additionally, the 115-kV and 69-kV lines at Artesia Interchange were reconnected to Eagle Creek Substation. Artesia Interchange was removed from service at the completion of the Eagle Creek Substation project.	SPS Zonal	SR
997	Electric General	Eddy County Dbl Bus Dbl Brker 230kV	A.0000290.009	Seven Rivers Upgr Eddy Term COMM			
998	Electric General	Eddy County Dbl Bus Dbl Brker 230kV Total			This project reconfigured the existing Eddy County Interchange 230-kV bus from a main and transfer bus design to a double bus-double breaker arrangement. This project was required to meet long-term firm transmission service requests in the SPP Aggregate Facility Study SPP-2013-AG3-AFS-6. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
999	Electric General	ELR - Relay - SPS	A.0000401.067	Floyd Co Y77 Z36 Relay Rplemnts Com			
1000	Electric General	ELR - Relay - SPS	A.0000401.160	TUCO Switch, COMM			
1001	Electric General	ELR - Relay - SPS	A.0000401.161	Yuma, COMM			
1002	Electric General	ELR - Relay - SPS Total			The term "ELR" stands for End of Life Replacement. This project replaced protective relays that had reached the end of their useful life. This work was done at several substations as part of a multi-year program to replace relays that are obsolete, for which parts are no longer available and require significant operations and maintenance spend to keep them in service.	SPS Zonal	SR
1003	Electric General	Etter Rural Cap Bank	A.0001086.003	Repl Etter Cap Bank 1910 COMM			
1004	Electric General	Etter Rural Cap Bank Total			This project replaced the 115-kV capacitor bank at Etter Rural Substation that was at the end of its useful life. The protection scheme on this capacitor bank is no longer supported by the manufacturer, parts are no longer available, and has a history of not being reliable. The capacitor bank itself was also at the end of its useful life.	SPS Zonal	SR
1005	Electric General	Fault Recorders - SPS	A.0000436.001	Amoco Switch Station-Fault Rec			
1006	Electric General	Fault Recorders - SPS	A.0000556.023	Cunningham - DFR			
1007	Electric General	Fault Recorders - SPS Total			This project installed fault recorders for disturbance monitoring at substations.	SPS Zonal	OT
1008	Electric General	General Furniture	A.0005014.084	New Mexico Substation Furnitur			
1009	Electric General	General Furniture	A.0005014.109	Gen Plt Ofc Furn TX			
1010	Electric General	General Furniture Total			This project purchased furniture, typically a desk and chairs, for control houses located in transmission substations.	SPS Zonal	OT
1011	Electric General	Hilmar Cheese	A.0001873.002	Hilmar Cheese RTCA, COMM			
1012	Electric General	Hilmar Cheese Total			This project installed a transmission tap line approximately 1000 feet in length from the existing 115-kV transmission line V-64 to provide service to a second transformer owned by Hilmar Cheese located near Dalhart, Texas. The customer requested a second redundant 115-kV service point for their reliability. SPS paid for the network transmission facilities and the customer paid for the facilities used exclusively to serve their new transformer.	Customer Funded	RE
1013	Electric General	Interconnection XTO BEU	A.0001384.004	Inst W76 115kV Comm			
1014	Electric General	Interconnection XTO BEU Total			This project installed two new 115-kV service points for this customer from SPS transmission line W76. This project was required to provide service to new customer load. The customer paid for a portion of this project.	SPS Zonal/Customer Funded	LI
1015	Electric General	OPIE Enterprise S Eddy Tap	A.0000424.173	W39 Inst Switch for Enterprise			
1016	Electric General	OPIE Enterprise S Eddy Tap Total			This project connected a new 25 MW gas processing load on the Red Bluff to Wood Draw 115-kV line. This line is southeast of Carlsbad, New Mexico.	SPS Zonal	LI

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Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
1017	Electric General	OT Cyber Security SPS	A.0001459.030	Cole OT Cyber			
1018	Electric General	OT Cyber Security SPS	A.0001459.031	Coulter OT Cyber			
1019	Electric General	OT Cyber Security SPS	A.0001459.036	Curry OT Cyber			
1020	Electric General	OT Cyber Security SPS	A.0001459.038	Dalhart OT Cyber			
1021	Electric General	OT Cyber Security SPS	A.0001459.039	Dallam County OT Cyber			
1022	Electric General	OT Cyber Security SPS	A.0001459.040	Deaf Smith County OT Cyber			
1023	Electric General	OT Cyber Security SPS	A.0001459.045	Dumas 19th Street OT Cyber			
1024	Electric General	OT Cyber Security SPS	A.0001459.046	Eagle Creek OT Cyber			
1025	Electric General	OT Cyber Security SPS	A.0001459.047	East Plant OT Cyber			
1026	Electric General	OT Cyber Security SPS	A.0001459.048	Eddy County OT Cyber			
1027	Electric General	OT Cyber Security SPS	A.0001459.052	Finney OT Cyber			
1028	Electric General	OT Cyber Security SPS	A.0001459.056	Grapevine OT Cyber			
1029	Electric General	OT Cyber Security SPS	A.0001459.058	Gray OT Cyber			
1030	Electric General	OT Cyber Security SPS	A.0001459.059	Greyhound OT Cyber			
1031	Electric General	OT Cyber Security SPS	A.0001459.062	Happy OT Cyber			
1032	Electric General	OT Cyber Security SPS	A.0001459.063	Harrington OT Cyber			
1033	Electric General	OT Cyber Security SPS	A.0001459.064	Hereford OT Cyber			
1034	Electric General	OT Cyber Security SPS	A.0001459.066	Hillside OT Cyber			
1035	Electric General	OT Cyber Security SPS	A.0001459.067	Hitchland OT Cyber			
1036	Electric General	OT Cyber Security SPS	A.0001459.074	Carlsbad OT Cyber			
1037	Electric General	OT Cyber Security SPS	A.0001459.075	Carpenter OT Cyber			
1038	Electric General	OT Cyber Security SPS	A.0001459.076	Castro County OT Cyber			
1039	Electric General	OT Cyber Security SPS	A.0001459.077	Channing OT Cyber			
1040	Electric General	OT Cyber Security SPS	A.0001459.080	Coburn Creek OT Cyber			
1041	Electric General	OT Cyber Security SPS	A.0001459.081	Hobbs Gen OT Cyber			
1042	Electric General	OT Cyber Security SPS	A.0001459.084	Howard OT Cyber			
1043	Electric General	OT Cyber Security SPS	A.0001459.090	Jones OT Cyber			
1044	Electric General	OT Cyber Security SPS	A.0001459.093	Kirby OT Cyber			
1045	Electric General	OT Cyber Security SPS	A.0001459.095	Kress OT Cyber			
1046	Electric General	OT Cyber Security SPS	A.0001459.111	Moore County OT Cyber			
1047	Electric General	OT Cyber Security SPS	A.0001459.114	NE Hereford OT Cyber			
1048	Electric General	OT Cyber Security SPS	A.0001459.117	Newhart OT Cyber			
1049	Electric General	OT Cyber Security SPS	A.0001459.118	Nichols OT Cyber			
1050	Electric General	OT Cyber Security SPS	A.0001459.120	Northwest OT Cyber			
1051	Electric General	OT Cyber Security SPS	A.0001459.126	Outpost OT Cyber			
1052	Electric General	OT Cyber Security SPS	A.0001459.134	Perryton OT Cyber			
1053	Electric General	OT Cyber Security SPS	A.0001459.135	Plant X OT Cyber			
1054	Electric General	OT Cyber Security SPS	A.0001459.137	Portales OT Cyber			
1055	Electric General	OT Cyber Security SPS	A.0001459.139	Potter County OT Cyber			
1056	Electric General	OT Cyber Security SPS	A.0001459.140	Pringle OT Cyber			
1057	Electric General	OT Cyber Security SPS	A.0001459.141	Puckett West OT Cyber			
1058	Electric General	OT Cyber Security SPS	A.0001459.146	Riverview OT Cyber			
1059	Electric General	OT Cyber Security SPS	A.0001459.149	Roosevelt County OT Cyber			
1060	Electric General	OT Cyber Security SPS	A.0001459.159	South Georgia OT Cyber			
1061	Electric General	OT Cyber Security SPS	A.0001459.163	Sunset OT Cyber			
1062	Electric General	OT Cyber Security SPS	A.0001459.164	Swisher County OT Cyber			
1063	Electric General	OT Cyber Security SPS	A.0001459.168	Tolk OT Cyber			
1064	Electric General	OT Cyber Security SPS	A.0001459.169	Tuco OT Cyber			
1065	Electric General	OT Cyber Security SPS	A.0001459.171	Wheeler County OT Cyber			
1066	Electric General	OT Cyber Security SPS	A.0001459.176	XIT OT Cyber			
1067	Electric General	OT Cyber Security SPS	A.0001459.177	Yoakum OT Cyber			
1068	Electric General	OT Cyber Security SPS	A.0001459.179	Kiowa OT Cyber			
1069	Electric General	OT Cyber Security SPS	A.0001459.183	Buffalo OT Cyber			
1070	Electric General	OT Cyber Security SPS	A.0001459.185	Canyon East OT Cyber			
1071	Electric General	OT Cyber Security SPS	A.0001459.187	Dawn OT Cyber			

Southwestern Public Service Company

Transmission Capital Additions by Project Group for the Linkage Period of July 1, 2022, through June 30, 2023

(A)	(B)	(C)	(D)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
1072	Electric General	OT Cyber Security SPS	A.0001459.192	Lipscomb OT Cyber			
1073	Electric General	OT Cyber Security SPS	A.0001459.202	Skunk Creek OT Cyber			
1074	Electric General	OT Cyber Security SPS	A.0001459.203	Tascosa OT Cyber			
1075	Electric General	OT Cyber Security SPS	A.0001459.204	Vega City OT Cyber			
1076	Electric General	OT Cyber Security SPS	A.0001459.206	White Deer OT Cyber			
1077	Electric General	OT Cyber Security SPS	A.0001459.207	Wilderado OT Cyber			
1078	Electric General	OT Cyber Security SPS Total			This project improved the Operational Technology (“OT”) cybersecurity at 163 SPS substations. OT cybersecurity references the software, hardware, practices, personnel, and services deployed to protect operational technology infrastructure, people, and data. A SEL RTAC device was installed at each substation to monitor and log the OT network and to provide this information to the Cyber Defense Center’s centralized management platform for consolidating, monitoring, and logging data. This project addressed the identified areas of improvement needed to ensure that the OT cybersecurity program at SPS meets industry standard compliance requirements.	SPS Zonal	OT
1079	Electric General	Phillips 66 WRB South	A.0001739.005	Phillips WRB South, COMM TOIF			
1080	Electric General	Phillips 66 WRB South Total			This project installed a new switching station to provide the customer with two 115-kV sources to their new WRB Substation. The customer requested new 115-kV service at this location to facilitate adding substantial new load. To provide the requested capacity and reliability, the existing 115-kV transmission line T49 (Blackhawk-Pringle) was routed into and out of the new SPS switching station and 115-kV transmission line T48 (also Blackhawk-Pringle) was routed around the new switching station. The customer will pay for most of the costs associated with this new switching station.	SPS Zonal/Customer Funded	LI
1081	Electric General	Physical Security	A.0000710.007	NM Physical Security Comm			
1082	Electric General	Physical Security	A.0000710.008	SPS Physical Security Comm			
1083	Electric General	Physical Security	A.0000710.047	Harrington Phys Sec Tx Comm			
1084	Electric General	Physical Security	A.0000710.093	Hobbs Gen Phy Sec, COMM			
1085	Electric General	Physical Security Total			This project installed Physical Security Upgrades affecting SPS substation protection with specific work varying by substation location, current layout, and threat history. Typical security measures included the installation of equipment such as cameras and motion sensors at substations.	SPS Zonal	OT
1086	Electric General	RTCA-SPS	A.0001452.002	XTO DI9 COMM, RTCA			
1087	Electric General	RTCA-SPS	A.0001452.004	IMC #1 COMM, RTCA			
1088	Electric General	RTCA-SPS	A.0001452.006	Matador COMM, RTCA			
1089	Electric General	RTCA-SPS	A.0001452.010	Intrepid West COMM, RTCA			
1090	Electric General	RTCA-SPS	A.0001452.013	OXY Permian COMM, RTCA			
1091	Electric General	RTCA-SPS	A.0001452.014	FEC CHEESE PLANT COMM, RTCA			
1092	Electric General	RTCA-SPS	A.0001452.015	FEC HOLLAND COMM, RTCA			
1093	Electric General	RTCA-SPS	A.0001452.016	FEC CLOVIS COMM, RTCA			
1094	Electric General	RTCA-SPS	A.0001452.017	FEC TUCUMCARI COMM, RTCA			
1095	Electric General	RTCA-SPS	A.0001452.018	OXY ODC COMM, RTCA			
1096	Electric General	RTCA-SPS	A.0001452.019	TEAGUE COMM, RTCA			
1097	Electric General	RTCA-SPS	A.0001452.020	Targa COMM, RTCA			
1098	Electric General	RTCA-SPS	A.0001452.021	West Bender COMM, RTCA			
1099	Electric General	RTCA-SPS	A.0001452.022	Cortez COMM, RTCA			
1100	Electric General	RTCA-SPS	A.0001452.023	Cooper Ranch COMM, RTCA			
1101	Electric General	RTCA-SPS	A.0001452.024	Oxy Membrane COMM, RTCA			
1102	Electric General	RTCA-SPS	A.0001452.025	Oxy North COMM, RTCA			
1103	Electric General	RTCA-SPS	A.0001452.026	Oxy West COMM, RTCA			
1104	Electric General	RTCA-SPS	A.0001452.027	Ward COMM, RTCA			
1105	Electric General	RTCA-SPS	A.0001452.028	Apache COMM, RTCA			
1106	Electric General	RTCA-SPS	A.0001452.029	Allred COMM, RTCA			
1107	Electric General	RTCA-SPS	A.0001452.032	Oxy West COMM, RTCA			

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Transmission Capital Additions by Project Group for the Linkage Period of July 1, 2022, through June 30, 2023

(A)	(B)	(C)	(D)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
1108	Electric General	RTCA-SPS Total			This project installed the equipment to provide real time load data from customer-owned substations to the SPS Transmission Operations Center. SPS has had customer-owned substations for many years that did not provide SPS with real time load data. When the number of these substations was small, it was only an inconvenience. However, with the number of customer-owned substations growing significantly in recent years, the issue has become significant. This real time load data from customer-owned substations is needed to perform accurate real-time analysis of Transmission system conditions and Real Time Contingency Analysis (RTCA) on the current state of the Transmission system. These analyses allow the SPS Transmission Control Center to identify, prepare for, and take action on thermal and voltage contingencies that exist on the system in real time.	SPS Zonal	RE
1109	Electric General	RTU - EMS Upgrade - SPS	A.0000588.017	Roswell City RTU Replacement			
1110	Electric General	RTU - EMS Upgrade - SPS	A.0000588.019	Curry County 69kV RTU Rplmnt			
1111	Electric General	RTU - EMS Upgrade - SPS	A.0000588.021	Allen RTU Rplmnt			
1112	Electric General	RTU - EMS Upgrade - SPS	A.0000588.022	Bailey County 69kV RTU Rplmnt			
1113	Electric General	RTU - EMS Upgrade - SPS	A.0000588.029	Owens Corning RTU Rplmnt			
1114	Electric General	RTU - EMS Upgrade - SPS	A.0000588.030	Seagraves Intg Sub RTU Rplmnt			
1115	Electric General	RTU - EMS Upgrade - SPS	A.0000588.038	Brasher RTU Replacement			
1116	Electric General	RTU - EMS Upgrade - SPS	A.0000588.039	Lyons RTU Replacement			
1117	Electric General	RTU - EMS Upgrade - SPS	A.0000588.040	Carson Co RTU Replacement			
1118	Electric General	RTU - EMS Upgrade - SPS	A.0000588.041	Sherman Co RTU Replacement			
1119	Electric General	RTU - EMS Upgrade - SPS	A.0000588.051	Gaines Co RTU, COMM			
1120	Electric General	RTU - EMS Upgrade - SPS Total			This project replaced remote terminal units ("RTUs") that were at the end of their useful service life.	SPS Zonal	OT
1121	Electric General	SPS Group 1 Switch Replacements	A.0000153.003	SPS Trans Switch Comm			
1122	Electric General	SPS Group 1 Switch Replacements Total			These projects replaced old high-maintenance or broken switches with new switches.	SPS Zonal	SR
1123	Electric General	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.108	Hockley Co SPE Comm			
1124	Electric General	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.117	Mustang Intg, COMM			
1125	Electric General	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.126	Pantex South SPE, COMM			
1126	Electric General	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.127	Pantex North SPE, COMM			
1127	Electric General	SPS SPE Fault Clearing Relay Rplmnts Total			This project replaced existing protective relaying systems to eliminate long clearing times inherent in these existing relaying systems. Replacement of these relaying systems addresses the compliance requirements of NERC TPL-001-4 and will eliminate the long clearing times, increasing the reliability of the system, increasing crew safety during hot line clearances, and preventing possible damage to equipment.	SPS Zonal	RE
1128	Electric General	SPS Sub Communication Network Group 2	A.0000863.003	SPS Sub Comm Network Group 2 C			
1129	Electric General	SPS Sub Communication Network Group 2	A.0000863.005	Eagle Creek Sub-W21 Fiber Comm			
1130	Electric General	SPS Sub Communication Network Group 2	A.0000863.006	Eddy County Sub-W21 Fiber Comm			
1131	Electric General	SPS Sub Communication Network Group 2	A.0000863.018	Moore Co Sub, T25 Fiber COMM			
1132	Electric General	SPS Sub Communication Network Group 2	A.0000863.019	Dumas 19th St Sub, T25 Fiber COMM			
1133	Electric General	SPS Sub Communication Network Group 2	A.0000863.021	Lamton Sub T29, W53 Fiber COMM			
1134	Electric General	SPS Sub Communication Network Group 2	A.0000863.022	Hale Co Sub, T29 Fiber COMM			
1135	Electric General	SPS Sub Communication Network Group 2	A.0000863.028	Deaf Smith Sub, W40 Fiber COMM			
1136	Electric General	SPS Sub Communication Network Group 2	A.0000863.039	Hereford Sub, U-45 Terminal, COMM			
1137	Electric General	SPS Sub Communication Network Group 2	A.0000863.040	Hereford South Sub, COMM			
1138	Electric General	SPS Sub Communication Network Group 2	A.0000863.041	Tuco Sub, V-14 Fiber, Comm			
1139	Electric General	SPS Sub Communication Network Group 2	A.0000863.042	Tuco Sub, V15 Fiber, COMM			
1140	Electric General	SPS Sub Communication Network Group 2	A.0000863.043	Exell Sub, T27 Fiber, COMM			
1141	Electric General	SPS Sub Communication Network Group 2	A.0000863.044	Nichols Sub, T27 Fiber, COMM			
1142	Electric General	SPS Sub Communication Network Group 2	A.0000863.045	Fain Sub, T27 Fiber, COMM			
1143	Electric General	SPS Sub Communication Network Group 2	A.0000863.048	Allen Sub, T83 Fiber, COMM			
1144	Electric General	SPS Sub Communication Network Group 2	A.0000863.051	Lubbock East Sub, V14 Fiber, COMM			
1145	Electric General	SPS Sub Communication Network Group 2	A.0000863.058	Stanton Sub, V15 Fiber, COMM			

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Transmission Capital Additions by Project Group for the Linkage Period of July 1, 2022, through June 30, 2023

(A)	(B)	(C)	(D)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
1146	Electric General	SPS Sub Communication Network Group 2	A.0000863.063	Dumas 19th St Sub, T27 Fiber COMM			
1147	Electric General	SPS Sub Communication Network Group 2	A.0000863.071	Coulter Sub, V44 Fiber COMM			
1148	Electric General	SPS Sub Communication Network Group 2	A.0000863.072	Owens Corning, V44 Fiber COMM			
1149	Electric General	SPS Sub Communication Network Group 2	A.0000863.079	Plant X, V37 Fiber COMM			
1150	Electric General	SPS Sub Communication Network Group 2	A.0000863.080	Castro Co, V37 Fiber COMM			
1151	Electric General	SPS Sub Communication Network Group 2	A.0000863.083	Northwest, T36 Fiber COMM			
1152	Electric General	SPS Sub Communication Network Group 2	A.0000863.084	Sunset, T36 Fiber COMM			
1153	Electric General	SPS Sub Communication Network Group 2	A.0000863.086	Amoco Sw Sta, K03 Fiber COMM			
1154	Electric General	SPS Sub Communication Network Group 2	A.0000863.087	Sundown Sub, K03 Fiber COMM			
1155	Electric General	SPS Sub Communication Network Group 2	A.0000863.107	Tolk, K30 Fiber COMM			
1156	Electric General	SPS Sub Communication Network Group 2	A.0000863.108	Bailey, V12 Fiber COMM			
1157	Electric General	SPS Sub Communication Network Group 2	A.0000863.110	Cargill, T58 Fiber COMM			
1158	Electric General	SPS Sub Communication Network Group 2	A.0000863.113	Deaf Smith U-42/43			
1159	Electric General	SPS Sub Communication Network Group 2	A.0000863.114	Estacado, V44 Fiber COMM			
1160	Electric General	SPS Sub Communication Network Group 2	A.0000863.115	Hale Co, Z18 Fiber COMM			
1161	Electric General	SPS Sub Communication Network Group 2	A.0000863.116	Hereford NE, T63 Fiber COMM			
1162	Electric General	SPS Sub Communication Network Group 2	A.0000863.117	Hereford, T58 Fiber COMM			
1163	Electric General	SPS Sub Communication Network Group 2	A.0000863.119	Kiser, Z18 Fiber COMM			
1164	Electric General	SPS Sub Communication Network Group 2	A.0000863.120	Kress, V76 Fiber COMM			
1165	Electric General	SPS Sub Communication Network Group 2	A.0000863.122	Newhart, W52,W53,K88 Fiber COMM			
1166	Electric General	SPS Sub Communication Network Group 2	A.0000863.124	Plainview West, Z18 Fiber COMM			
1167	Electric General	SPS Sub Communication Network Group 2	A.0000863.126	Swisher Co, W53,V76 Fiber COMM			
1168	Electric General	SPS Sub Communication Network Group 2 Total			These projects provided for the construction of a fiber optics communication infrastructure within the SPS region. This second leg is the continuation of a multi-year effort in the Amarillo area for installing Optical Ground Wire ("OPGW") in the static position on selected transmission lines to create a redundant fiber optic communication ring with access to the Amarillo Transmission Operations Center. This ring provides redundant protection paths for the line sections on which the OPGW is installed as well as provides redundant paths for the Supervisory Control And Data Acquisition ("SCADA") system.	SPS Zonal	OT
1169	Electric General	Teleprotection Upgrades	A.0001664.003	South Georgia, Teleprotection Upgra			
1170	Electric General	Teleprotection Upgrades	A.0001664.008	TOLK, Teleprotection Upgrade			
1171	Electric General	Teleprotection Upgrades	A.0001664.009	CROSSROADS, Teleprotection Upgrade			
1172	Electric General	Teleprotection Upgrades	A.0001664.010	Eddy County, Teleprotection Upgrade			
1173	Electric General	Teleprotection Upgrades Total			This project installed upgraded powerline carrier protection relays on multiple transmission line terminals. The upgraded protection packages provides improved protection for the lines by using power line carrier instead of microwave communications for the primary line protection, as microwave communications in some areas are not highly reliable. This work was done at several transmission substations as part of a multi-year program.	SPS Zonal	SR
1174	Electric General	Tolk DBDB 230kV Expansion	A.0001045.013	Tolk 230kV Sub COMM			
1175	Electric General	Tolk DBDB 230kV Expansion Total			This project reconfigured the existing split-main and transfer 230-kV bus at Tolk Station to a double bus-double breaker arrangement. This project was identified in the 2016 NERC TPL-001-4 assessment and resolves the compliance issues related to NERC TPL-001-4 Category P4 (breaker failure) and P5 (non-redundancy) events, which cause the loss of both generators, both 230-kV buses and major 230-kV transmission paths through the Tolk substation, resulting in both system instability and voltage collapse. With the new double-bus, double-breaker configuration, a stuck breaker condition (Category P4) will result in the outage of only one transmission element.	SPS Zonal	RE
1176	Electric General	Tools - Engineering	A.0006059.436	SPS Ops Engineering Tools			
1177	Electric General	Tools - Engineering	A.0006059.436	SPS Ops Engineering Tools			
1178	Electric General	Tools - Engineering	A.0006059.436	SPS Ops Engineering Tools			
1179	Electric General	Tools - Engineering Total			This project purchased capital tools for engineering purposes, such as relays and test equipment for commissioning laboratories.	SPS Zonal	OT

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Transmission Capital Additions by Project Group for the Linkage Period of July 1, 2022, through June 30, 2023

(A)	(B)	(C)	(D)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	WBS Level 1 Project Group Description	Cost Recovery	Project Category
1180	Electric General	Tools COM Substation	A.0006059.063	SPS Sub Comm Tool Blanket			
1181	Electric General	Tools COM Substation	A.0006059.063	SPS Sub Comm Tool Blanket			
1182	Electric General	Tools COM Substation	A.0006059.063	SPS Sub Comm Tool Blanket			
1183	Electric General	Tools COM Substation Total			This project purchased capital tools for construction and maintenance activities.	SPS Zonal	OT
1184	Electric General	Tools Line Field Ops	A.0006059.432	Tool Blanket TX Line			
1185	Electric General	Tools Line Field Ops	A.0006059.432	Tool Blanket TX Line			
1186	Electric General	Tools Line Field Ops	A.0006059.432	Tool Blanket TX Line			
1187	Electric General	Tools Line Field Ops	A.0006059.505	SPS Trans Tool Blanket			
1188	Electric General	Tools Line Field Ops	A.0006059.505	SPS Trans Tool Blanket			
1189	Electric General	Tools Line Field Ops	A.0006059.505	SPS Trans Tool Blanket			
1190	Electric General	Tools Line Field Ops Total			This project purchased capital tools for the construction of capital projects.	SPS Zonal	OT
1191	Electric General	Tools System Protection Comm Eng	A.0006059.088	SPS Sys Protect Comm Eng Testing Eq			
1192	Electric General	Tools System Protection Comm Eng	A.0006059.088	SPS Sys Protect Comm Eng Testing Eq			
1193	Electric General	Tools System Protection Comm Eng Total			This project purchased the equipment panels for the Substation Design, Substation Communications, and System Protection Engineering Lab. These equipment panels have been used to mount the protective relaying, communication relaying, power supplies, and metering equipment used in the lab. These panels and equipment are being used for research and development of advanced communication and protection relaying schemes as well as for event analysis and troubleshooting of field situations that require engineering support.	SPS Zonal	OT
1194	Electric General	Tools, Training Center	A.0006059.433	Tools Training Center SPS			
1195	Electric General	Tools, Training Center	A.0006059.433	Tools Training Center SPS			
1196	Electric General	Tools, Training Center	A.0006059.433	Tools Training Center SPS			
1197	Electric General	Tools, Training Center	A.0006059.434	SPS Training Center Tools			
1198	Electric General	Tools, Training Center	A.0006059.506	SPS Training Center Equipmen			
1199	Electric General	Tools, Training Center Total			This project purchased capital tools to construct capital projects and capital tools to be used in the training center.	SPS Zonal	OT
1200	Electric General	Transportation - SPS	A.0006056.223	Fleet New Units El Trans NM			
1201	Electric General	Transportation - SPS	A.0006056.224	Fleet New Unit El Trans TX			
1202	Electric General	Transportation - SPS Total			These projects purchased fleet vehicles for operation in the SPS area. The vehicles included automobiles, trucks, heavy vehicles such as bucket trucks, high-reach bucket trucks, hole-diggers, and trailers. Without these vehicles, crews would not have access to a predictable and reliable method of transport nor have the necessary equipment to perform needed transmission construction work.	SPS Zonal	OT
1203	Electric General Total						
1204	Grand Total						

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Transmission Capital Additions by Work Order for the Future Test Year Period of July 1, 2023, through June 30, 2024
Plant Additions by Asset Class and Witness

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Future Test Year Total Company	Additions to Plant-in-Service Future Test Year NM Retail
1	Electric Transmission	Miranda	OT	A.0000710.001	NM Physical Security Sub Infrastruc	Routine	\$ 803	\$ 235
2	Electric Transmission	Miranda	GI/LI	A.0000076.004	IA Tariff Fund SPS	Routine	502,326	146,888
3	Electric Transmission	Miranda	SR	A.0000153.001	SPS Trans Switch Replmnt Line	Routine	405,530	118,583
4	Electric Transmission	Miranda	SR	A.0000153.026	Y60 Rplc and Relocate SW 2750	12/15/2023	208,908	61,088
5	Electric Transmission	Miranda	SR	A.0000153.031	W35 Oxy West Tap, SW Install	12/15/2023	48,981	14,323
6	Electric Transmission	Miranda	SR	A.0000153.032	W98 Lakewood Tap, SW Install	11/15/2023	48,779	14,264
7	Electric Transmission	Miranda	SR	A.0000153.033	T62 Cone Butte, SW Install	12/15/2023	48,981	14,323
8	Electric Transmission	Miranda	SR	A.0000220.006	SPS S&E, Sub	Routine	930,995	272,238
9	Electric Transmission	Miranda	SR	A.0000220.018	SPS NM S&E, Sub	Routine	850,927	248,824
10	Electric Transmission	Miranda	SR	A.0000220.031	SPS OK S&E Sub	12/15/2023	723	211
11	Electric Transmission	Miranda	SR	A.0000286.005	Horz Cap and Pin Replacement TX	Routine	1,862,957	544,758
12	Electric Transmission	Miranda	SR	A.0000286.016	Carlisle Cap And Pin Replacements	11/15/2023	552,758	161,635
13	Electric Transmission	Miranda	SR	A.0000286.018	Bushland Cap and Pin Insulators	5/15/2024	305,797	89,420
14	Electric Transmission	Miranda	SR	A.0000286.021	Cochran Co, Cap and Pin Replacement	12/15/2023	813,043	237,747
15	Electric Transmission	Miranda	SR	A.0000303.007	SPS S&E B 230kV, Line	Routine	7,264,977	2,124,393
16	Electric Transmission	Miranda	SR	A.0000401.002	SPS ELR - Relays	Routine	725,319	212,094
17	Electric Transmission	Miranda	SR	A.0000401.083	Graham T21 Relay/Bkr Upgrd	12/15/2023	508,801	148,781
18	Electric Transmission	Miranda	SR	A.0000401.084	Grassland T21 Relay Upgrd	12/15/2023	359,038	104,988
19	Electric Transmission	Miranda	SR	A.0000401.093	NE Hereford 69kV Bus Diff Relay	12/15/2023	466,483	136,407
20	Electric Transmission	Miranda	SR	A.0000401.099	Sulphur Springs, T20 Relay Upgrade	12/15/2023	365,706	106,938
21	Electric Transmission	Miranda	SR	A.0000401.100	Seagraves Sub T20 Relay Upgrade	12/15/2023	340,728	99,634
22	Electric Transmission	Miranda	SR	A.0000401.107	FEC Clovis Sub, 115kV Bus Backup Re	12/15/2023	424,688	124,185
23	Electric Transmission	Miranda	SR	A.0000401.108	Grapevine Sub, T50 Term Relay Replc	5/15/2024	334,163	97,714
24	Electric Transmission	Miranda	SR	A.0000401.109	Kirby Sub, T50 Term Relay Replcmnt	5/15/2024	444,568	129,999
25	Electric Transmission	Miranda	SR	A.0000401.110	Oasis Sub, K65 Term & Bus Relay Rpl	5/15/2024	455,244	133,120
26	Electric Transmission	Miranda	SR	A.0000401.111	Roswell Intg 69kV BBU Relay Rplcmnt	12/15/2023	282,194	82,518
27	Electric Transmission	Miranda	SR	A.0000401.112	Plant X Transfer Bus Relay Rplcmnts	12/15/2023	491,991	143,866
28	Electric Transmission	Miranda	SR	A.0000401.113	Sulphur Springs Z46/Z85 BBU Rly Rpl	12/15/2023	520,506	152,204
29	Electric Transmission	Miranda	SR	A.0000401.114	Seagraves Sub Z87 Rly Upgrd-Bus Bck	12/15/2023	621,887	181,850
30	Electric Transmission	Miranda	SR	A.0000401.115	Doss 69kV Bus Protect Relays	12/15/2023	708,427	207,155
31	Electric Transmission	Miranda	SR	A.0000401.116	Hansford 115kV Bus Protect Relays	12/15/2023	313,409	91,646
32	Electric Transmission	Miranda	SR	A.0000401.117	Kirby Sub, T54 Term Relay Rplcmnt	5/15/2024	717,598	209,837

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**Transmission Capital Additions by Work Order for the Future Test Year Period of July 1, 2023, through June 30, 2024
Plant Additions by Asset Class and Witness**

Line No.	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Future Test Year Total Company	Additions to Plant-in-Service Future Test Year NM Retail
33	Electric Transmission	Miranda	SR	A.0000401.118	Amarillo South T73 Relay Upgrade	12/15/2023	357,268	104,471
34	Electric Transmission	Miranda	SR	A.0000401.119	South Georgia T73 Relay Upgrade	12/15/2023	454,318	132,850
35	Electric Transmission	Miranda	SR	A.0000401.121	Hereford So, Relay Upgrade	5/15/2024	343,618	100,479
36	Electric Transmission	Miranda	SR	A.0000401.122	Hereford Intg Relay Upgrades	5/15/2024	4,747,285	1,388,180
37	Electric Transmission	Miranda	SR	A.0000401.129	Clovis Relay Upgrade, Term W32	5/15/2024	868,413	253,937
38	Electric Transmission	Miranda	SR	A.0000401.135	Whitten Relay Upgrade, Term W27	5/15/2024	732,678	214,247
39	Electric Transmission	Miranda	SR	A.0000401.136	Kirby 115kV Bus Replace Relays	5/15/2024	730,810	213,700
40	Electric Transmission	Miranda	SR	A.0000401.138	Northwest Relay Upgrade, T36 Term	5/15/2024	666,121	194,784
41	Electric Transmission	Miranda	SR	A.0000401.139	Sunset 115kV Bus/T36 Term Rly Upgrd	5/15/2024	520,589	152,228
42	Electric Transmission	Miranda	SR	A.0000401.141	Dallam 69kV Bus Protective Relays	5/15/2024	590,213	172,588
43	Electric Transmission	Miranda	SR	A.0000401.143	Sunset Substation - Bus Diff Redund	5/15/2024	520,203	152,115
44	Electric Transmission	Miranda	SR	A.0000401.148	Dallam Relay Upgrade, Term V64	5/15/2024	612,293	179,044
45	Electric Transmission	Miranda	SR	A.0000401.149	Etter Rural Relay Upgrade, Term V64	12/15/2023	650,461	190,205
46	Electric Transmission	Miranda	SR	A.0000401.152	Oil Center Relay Upgrade, Term W27	5/15/2024	433,488	126,759
47	Electric Transmission	Miranda	SR	A.0000401.153	Lea Road Wave Trap, W27 Term	5/15/2024	286,640	83,818
48	Electric Transmission	Miranda	SR	A.0000401.154	Ward Wave Trap, Term W27	5/15/2024	289,330	84,605
49	Electric Transmission	Miranda	SR	A.0000401.156	Canon AFB Wave Trap, Term W32	5/15/2024	298,478	87,280
50	Electric Transmission	Miranda	SR	A.0000401.157	West Clovis Wave Trap, Term W32	5/15/2024	299,806	87,668
51	Electric Transmission	Miranda	SR	A.0000401.158	Perimeter Relay Upgd, Term W32	5/15/2024	631,141	184,556
52	Electric Transmission	Miranda	LI	A.0000424.295	V61 Line reterm, Magnum Sub	5/15/2023	2,790	816
53	Electric Transmission	Miranda	LI	A.0000424.301	Phantom 2nd Xfmr Add, TAM	5/15/2024	877,390	256,562
54	Electric Transmission	Miranda	SR	A.0000427.001	SPS Line Capacity Line	Routine	1,142	334
55	Electric Transmission	Miranda	SR	A.0000427.022	U38 STR Raise	10/15/2023	15,540	4,544
56	Electric Transmission	Miranda	SR	A.0000469.006	SPS Major Line Refurb230kVTX	Routine	561	164
57	Electric Transmission	Miranda	SR	A.0000499.004	Line ELR SPS Line	Routine	2,991,295	874,701
58	Electric Transmission	Miranda	SR	A.0000499.095	Y59 LINE ELR	12/15/2023	1,029,846	301,143
59	Electric Transmission	Miranda	SR	A.0000499.098	V12 LINE ELR	12/15/2023	582,690	170,388
60	Electric Transmission	Miranda	SR	A.0000499.099	U19 LINE ELR	12/15/2023	817,199	238,962
61	Electric Transmission	Miranda	SR	A.0000499.103	T27 LINE ELR	12/15/2023	1,118,691	327,123
62	Electric Transmission	Miranda	SR	A.0000499.114	W27 LINE ELR	12/15/2023	965,238	282,251
63	Electric Transmission	Miranda	SR	A.0000499.120	K06 Static Replace	12/15/2023	3,413,998	998,306
64	Electric Transmission	Miranda	SR	A.0000499.126	Z69 LINE ELR	12/15/2023	40,148	11,740

Southwestern Public Service Company

Transmission Capital Additions by Work Order for the Future Test Year Period of July 1, 2023, through June 30, 2024
Plant Additions by Asset Class and Witness

Line No.	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Future Test Year Total Company	Additions to Plant-in-Service Future Test Year NM Retail
65	Electric Transmission	Miranda	SR	A.0000514.009	SPS Sub Switch Replacement	Routine	1,121	328
66	Electric Transmission	Miranda	SR	A.0000514.012	Hobbs Generation SW 4R226	10/15/2023	264,120	77,233
67	Electric Transmission	Miranda	SR	A.0000538.021	SPS Major Line Rebuild TX 115kV	Routine	2,792,894	816,686
68	Electric Transmission	Miranda	SR	A.0000538.026	Z60 Line Rebuild PH-2	12/15/2023	5,161,151	1,509,201
69	Electric Transmission	Miranda	SR	A.0000538.027	Z60 Line Rebuild PH-3	5/15/2024	5,200,319	1,520,654
70	Electric Transmission	Miranda	SR	A.0000538.036	Z63 Line Rebuild PH-2	11/15/2023	3,599,225	1,052,469
71	Electric Transmission	Miranda	SR	A.0000538.037	Z83 Line Rebuild	12/15/2023	5,358,589	1,566,935
72	Electric Transmission	Miranda	OT	A.0000556.033	Seminole - DFR	12/15/2023	531,763	155,496
73	Electric Transmission	Miranda	SR	A.0000640.002	SPS 2016 ELR Breakers Sub	Routine	561	164
74	Electric Transmission	Miranda	SR	A.0000640.046	Hereford South 2734/5704 Brkr Rplcm	11/15/2023	582,407	170,305
75	Electric Transmission	Miranda	SR	A.0000640.076	Riverview Rplc Brkr R708	11/16/2023	395,076	115,526
76	Electric Transmission	Miranda	SR	A.0000640.078	Riverview Rplc Brkr R712	12/8/2023	396,018	115,802
77	Electric Transmission	Miranda	SR	A.0000640.079	Riverview Rplc Brkr R700	10/31/2023	393,011	114,922
78	Electric Transmission	Miranda	SR	A.0000640.080	Riverview Rplc Brkr R740	1/19/2024	392,602	114,803
79	Electric Transmission	Miranda	SR	A.0000640.081	Riverview Rplc Brkr R716	12/15/2023	513,238	150,079
80	Electric Transmission	Miranda	SR	A.0000640.082	Riverview Rplc Brkr R748	2/2/2024	394,598	115,387
81	Electric Transmission	Miranda	SR	A.0000640.083	Riverview Rplc Brkr R904	2/16/2024	464,588	135,853
82	Electric Transmission	Miranda	SR	A.0000640.084	Riverview Rplc Brkr R916	3/1/2024	441,972	129,239
83	Electric Transmission	Miranda	SR	A.0000640.092	Gaines Co Rplc Brkr 7955	11/15/2023	396,216	115,860
84	Electric Transmission	Miranda	SR	A.0000640.108	East Plant, Rplc Brkr A922	5/10/2024	525,646	153,707
85	Electric Transmission	Miranda	SR	A.0000640.109	East Plant, Rplc Brkr 2K50	3/29/2024	582,771	170,411
86	Electric Transmission	Miranda	SR	A.0000640.110	East Plant, Rplc Brkr A740	4/12/2024	382,673	111,900
87	Electric Transmission	Miranda	SR	A.0000640.111	East Plant, Rplc Brkr A906	4/26/2024	527,267	154,181
88	Electric Transmission	Miranda	SR	A.0000640.112	Plant X, Rplc Brkr XK38	4/15/2024	596,096	174,308
89	Electric Transmission	Miranda	SR	A.0000640.113	Plant X, Rplc Brkr XK34	4/15/2024	595,623	174,170
90	Electric Transmission	Miranda	SR	A.0000640.114	Plant X, Rplc Brkr X941	12/15/2023	488,784	142,928
91	Electric Transmission	Miranda	SR	A.0000640.115	Plant X, Rplc Brkr X936	12/15/2023	490,378	143,394
92	Electric Transmission	Miranda	SR	A.0000640.116	Plant X, Rplc Brkr X927	12/15/2023	488,796	142,931
93	Electric Transmission	Miranda	SR	A.0000640.117	Plant X, Rplc Brkr X915	12/15/2023	490,417	143,406
94	Electric Transmission	Miranda	SR	A.0000640.122	Doss Breakers 6790 and 7890	12/15/2023	623,562	182,339
95	Electric Transmission	Miranda	SR	A.0000640.124	Tolk TK47, Brkr Replc	4/15/2024	1,028,660	300,796
96	Electric Transmission	Miranda	SR	A.0000640.125	Tolk TK05, Brkr Replc	3/15/2024	839,699	245,541

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Plant Additions by Asset Class and Witness

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Future Test Year Total Company	Additions to Plant-in-Service Future Test Year NM Retail
97	Electric Transmission	Miranda	OT	A.0000710.003	SPS Physical Security Sub Infrastru	Routine	5,461,760	1,597,104
98	Electric Transmission	Miranda	SR	A.0000822.012	Riverview Rplc XFMR TR03	5/15/2024	3,730,669	1,090,906
99	Electric Transmission	Miranda	SR	A.0000822.013	Gaines Co Rplc XFMR TR02	11/15/2023	1,951,498	570,649
100	Electric Transmission	Miranda	OT	A.0000863.001	SPS Sub Comm Network Group 2 L	Routine	12,225,012	3,574,784
101	Electric Transmission	Miranda	OT	A.0000863.031	V62 Fiber, Line	12/15/2023	1,534,616	448,746
102	Electric Transmission	Miranda	OT	A.0000863.033	V40 Fiber, Line	5/15/2024	331,089	96,816
103	Electric Transmission	Miranda	OT	A.0000863.074	T59 TX Fiber, Line	12/15/2023	1,294,412	378,506
104	Electric Transmission	Miranda	OT	A.0000863.075	T59 CUCO - SL Fiber, Line	12/15/2023	869,472	254,247
105	Electric Transmission	Miranda	OT	A.0000863.077	K27 Fiber, Line	12/15/2023	1,134,945	331,875
106	Electric Transmission	Miranda	OT	A.0000863.128	K10 Frankford ? LBSO, Line	12/15/2023	1,227,369	358,902
107	Electric Transmission	Miranda	RE	A.0001041.011	Plant X 230kV LIDAR	12/15/2023	48,976	14,321
108	Electric Transmission	Miranda	RE	A.0001059.008	Lubbock S 6K75 Relay Upgrade	5/15/2024	2,070,254	605,375
109	Electric Transmission	Miranda	RE	A.0001059.012	Lubbock South 6K10, NERC Brkr Rplc	5/15/2024	525,981	153,805
110	Electric Transmission	Miranda	RE	A.0001059.013	Lubbock South 6K75, NERC Brkr Rplc	5/15/2024	489,163	143,039
111	Electric Transmission	Miranda	RE	A.0001059.014	Lubbock South 6945, NERC Brkr Rplc	5/15/2024	489,163	143,039
112	Electric Transmission	Miranda	RE	A.0001059.015	Potter County 2K40, NERC Brkr Rplc	5/15/2024	489,163	143,039
113	Electric Transmission	Miranda	RE	A.0001059.016	Potter County 2K45, NERC Brkr Rplc	5/15/2024	489,163	143,039
114	Electric Transmission	Miranda	RE	A.0001167.026	East Plant 115kV SPE Relay UPG	5/15/2024	1,038,141	303,569
115	Electric Transmission	Miranda	RE	A.0001167.029	Moore Co 115kV SPE Relay UPGS TX	12/15/2023	3,578,397	1,046,379
116	Electric Transmission	Miranda	RE	A.0001167.066	Blackhawk Intg SPE Relay UPGS TX	5/15/2024	931,796	272,472
117	Electric Transmission	Miranda	RE	A.0001167.081	Dallam SPE Relay UPGS TX	5/15/2024	519,390	151,878
118	Electric Transmission	Miranda	RE	A.0001167.083	Osage SPE Relay UPGS TX	5/15/2024	991,311	289,875
119	Electric Transmission	Miranda	RE	A.0001167.088	Grapevine SPE Relay UPGS TX	5/15/2024	780,059	228,101
120	Electric Transmission	Miranda	RE	A.0001167.089	Gaines Co 115kV Bus Diff	11/15/2023	469,391	137,257
121	Electric Transmission	Miranda	RE	A.0001167.098	Grassland SPE Relay UPGS TX	5/15/2024	784,241	229,324
122	Electric Transmission	Miranda	RE	A.0001167.118	Oasis SPE Relay Rplcmnts	5/15/2024	1,888,994	552,371
123	Electric Transmission	Miranda	RE	A.0001167.119	Etter Rural SPE Relay Rplcmnts	12/16/2023	402,747	117,770
124	Electric Transmission	Miranda	RE	A.0001167.122	PCA SPE Relay Rplcmnts	5/15/2024	691,111	202,092
125	Electric Transmission	Miranda	RE	A.0001167.123	Seven Rivers SPE Relay Rplcmnts	5/15/2024	596,999	174,572
126	Electric Transmission	Miranda	SR	A.0001219.002	T46 DALLAM CO ELR RFL9300 SPS TX	5/15/2024	381,049	111,425
127	Electric Transmission	Miranda	SR	A.0001219.007	T46 DALHART ELR RFL9300 SPS TX	5/15/2024	378,330	110,630
128	Electric Transmission	Miranda	SR	A.0001219.012	Z45 DALHART ELR RFL9300 SPS TX	5/15/2024	367,814	107,555

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**Transmission Capital Additions by Work Order for the Future Test Year Period of July 1, 2023, through June 30, 2024
Plant Additions by Asset Class and Witness**

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)		
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Future Test Year Total Company	Additions to Plant-in-Service Future Test Year NM Retail	
129	Electric Transmission	Miranda	SR	A.0001219.015	Z45 DALLAM CO ELR RFL9300 SPS TX	5/15/2024	366,863	107,276	
130	Electric Transmission	Miranda	SR	A.0001219.018	Z67 BLACKHAWK INTG ELR RFL9300 SPS	5/15/2024	311,984	91,229	
131	Electric Transmission	Miranda	SR	A.0001219.038	Z67 Phillips 1 69kV ELR RFL9300 SPS	5/15/2024	356,603	104,276	
132	Electric Transmission	Miranda	SR	A.0001219.039	Z68 Blackhawk 69kV ELR RFL9300 SPS	5/15/2024	336,226	98,318	
133	Electric Transmission	Miranda	SR	A.0001219.040	Z68 Phillips #2 69kV ELR RFL9300 SP	5/15/2024	336,783	98,480	
134	Electric Transmission	Miranda	SR	A.0001242.001	Owens Corning Cap Bank Rplmt	5/15/2023	27,900	8,158	
135	Electric Transmission	Miranda	LI	A.0001396.004	Legacy Sub TAM	12/15/2023	7,382	2,158	
136	Electric Transmission	Miranda	SR	A.0001439.001	TX PUC-HB4150	Routine	9,343,259	2,732,115	
137	Electric Transmission	Miranda	GI	A.0001480.001	Tip Top Solar, RR Term TOIF	5/13/2022	(449,432)	(131,421)	
138	Electric Transmission	Miranda	GI	A.0001480.002	Tip Top Solar, RR Term, Sub	5/13/2022	(459,061)	(134,237)	
139	Electric Transmission	Miranda	SR	A.0001658.002	Artesia Intg Sub Retirement	9/15/2023	1,307,550	382,348	
140	Electric Transmission	Miranda	SR	A.0001733.001	V15 STEA-INDN, Line	11/15/2023	1,594,106	466,141	
141	Electric Transmission	Miranda	LI	A.0001739.004	Phillips WRB South, Sub TOIF	5/15/2023	(1,842,750)	(538,849)	
142	Electric Transmission	Miranda	LI	A.0001763.003	Roadrunner 2nd DCP Trans Addition	2/15/2024	1,636,471	478,530	
143	Electric Transmission	Miranda	SR	A.0001771.001	Riverview Cap Bank Replacement	4/15/2024	934,818	273,355	
144	Electric Transmission	Miranda	LI	A.0001793.005	Wood Draw DCP T2, TAM	11/15/2023	676,737	197,888	
145	Electric Transmission	Miranda	LI	A.0001812.001	Ashby DCP Substation	12/15/2023	575,462	168,274	
146	Electric Transmission	Miranda	RE	A.0001817.001	Twist Substation	5/15/2024	20,255,877	5,923,134	
147	Electric Transmission Total							\$ 166,236,007	\$ 48,610,001
148	Electric General	Miranda	OT	A.0000710.008	SPS Physical Security Comm	Routine	\$ 603	\$ 212	
149	Electric General	Miranda	SR	A.0000401.151	Hereford Intg, COMM	5/15/2024	382,845	134,792	
150	Electric General	Miranda	OT	A.0000556.025	Eddy Co HVDC - DFR	12/19/2023	(6)	(2)	
151	Electric General	Miranda	OT	A.0000588.026	Kress 69kV RTU Rplmnt	10/15/2023	504,386	177,585	
152	Electric General	Miranda	OT	A.0000588.028	Lamton 69kV RTU Rplmnt	11/15/2023	500,624	176,260	
153	Electric General	Miranda	OT	A.0000588.048	Canyon West RTU Rplc, COMM	5/15/2024	381,226	134,222	
154	Electric General	Miranda	OT	A.0000588.052	China Draw RTU Rplc, COMM	5/15/2024	31,043	10,930	
155	Electric General	Miranda	OT	A.0000863.003	SPS Sub Comm Network Group 2 C	Routine	2,297,298	808,835	
156	Electric General	Miranda	OT	A.0000863.030	Jones Sub, K14, K15 Fiber, COMM	12/15/2023	173,383	61,045	
157	Electric General	Miranda	OT	A.0000863.053	Murphy Sub, V40 Fiber, COMM	5/15/2024	261,064	91,916	
158	Electric General	Miranda	OT	A.0000863.054	Lubbock South, K-10 Fiber, Comm	12/15/2023	215,373	75,829	
159	Electric General	Miranda	OT	A.0000863.064	Frankford, LBSO K-10 Fiber, Comm	12/15/2023	266,127	93,698	

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Future Test Year Total Company	Additions to Plant-in-Service Future Test Year NM Retail
160	Electric General	Miranda	OT	A.0000863.081	Parmer Co, T59 Fiber COMM	5/15/2024	258,086	90,867
161	Electric General	Miranda	OT	A.0000863.082	Curry Co, T59 Fiber COMM	12/15/2023	286,969	101,036
162	Electric General	Miranda	OT	A.0000863.085	Tolk, K27 Fiber COMM	12/15/2023	257,571	90,686
163	Electric General	Miranda	OT	A.0000863.088	Plant X, K27 Fiber COMM	12/15/2023	257,571	90,686
164	Electric General	Miranda	OT	A.0000863.099	T66 Fiber, Line	5/15/2024	3,138,243	1,104,916
165	Electric General	Miranda	OT	A.0000863.102	Randall Co, T66 Fiber COMM	5/15/2024	253,707	89,325
166	Electric General	Miranda	OT	A.0000863.103	Happy Intg, T66 Fiber COMM	5/15/2024	259,368	91,318
167	Electric General	Miranda	OT	A.0000863.105	Happy Intg, T67 Fiber COMM	11/15/2023	34,112	12,010
168	Electric General	Miranda	OT	A.0000863.109	Cargill, T59 Fiber COMM	5/15/2024	257,835	90,779
169	Electric General	Miranda	OT	A.0000863.111	Carlisle, V62 Fiber COMM	12/15/2023	257,718	90,738
170	Electric General	Miranda	OT	A.0000863.112	Castro, W51 Fiber COMM	12/15/2023	34,254	12,060
171	Electric General	Miranda	OT	A.0000863.136	Carlisle V40 Fiber, COMM	5/15/2024	35,013	12,328
172	Electric General	Miranda	OT	A.0000863.138	Lubbock East K15 Fiber, COMM	12/15/2023	128,346	45,188
173	Electric General	Miranda	OT	A.0000863.139	Lubbock South K14 Fiber, COMM	12/15/2023	128,346	45,188
174	Electric General	Miranda	OT	A.0000863.140	Lost Draw Sub, R06 Fiber COMM	5/15/2024	222,821	78,451
175	Electric General	Miranda	OT	A.0000863.142	Needmore Sub, R06 Fiber COMM	5/15/2024	267,817	94,293
176	Electric General	Miranda	RE	A.0001167.125	Moore Co SPE Relay Upgrade, COMM	12/15/2023	78,914	27,784
177	Electric General	Miranda	RE	A.0001452.030	LCEC 115 and 69 COMM, RTCA	12/15/2023	138,315	48,698
178	Electric General	Miranda	OT	A.0001459.029	Cochran OT Cyber	10/15/2023	70,366	24,775
179	Electric General	Miranda	OT	A.0001459.032	Cox OT Cyber	10/15/2023	70,366	24,775
180	Electric General	Miranda	OT	A.0001459.033	Crosby County OT Cyber	11/15/2023	70,366	24,775
181	Electric General	Miranda	OT	A.0001459.035	Cunningham OT Cyber	6/15/2024	70,383	24,781
182	Electric General	Miranda	OT	A.0001459.041	Denver City OT Cyber	3/15/2024	70,382	24,780
183	Electric General	Miranda	OT	A.0001459.042	Diamondback OT Cyber	12/15/2023	70,366	24,775
184	Electric General	Miranda	OT	A.0001459.057	Grassland OT Cyber	12/15/2023	70,366	24,775
185	Electric General	Miranda	OT	A.0001459.060	Hale County Intg OT Cyber	9/15/2023	70,366	24,775
186	Electric General	Miranda	OT	A.0001459.078	Chaves County OT Cyber	1/15/2024	70,373	24,777
187	Electric General	Miranda	OT	A.0001459.087	Ink Basin OT Cyber	3/15/2024	70,382	24,780
188	Electric General	Miranda	OT	A.0001459.088	Jal OT Cyber	4/15/2024	70,383	24,781
189	Electric General	Miranda	OT	A.0001459.094	Kiser OT CyberP10:P40	11/15/2023	70,366	24,775
190	Electric General	Miranda	OT	A.0001459.097	Lamton OT Cyber	10/15/2023	70,366	24,775
191	Electric General	Miranda	OT	A.0001459.099	Lea Co Plains Switching Station OT	2/15/2024	70,379	24,779

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Future Test Year Total Company	Additions to Plant-in-Service Future Test Year NM Retail
192	Electric General	Miranda	OT	A.0001459.103	Lopez OT Cyber	7/15/2023	70,366	24,775
193	Electric General	Miranda	OT	A.0001459.104	Lost Draw OT Cyber	4/15/2024	70,383	24,781
194	Electric General	Miranda	OT	A.0001459.105	Lubbock East OT Cyber	12/15/2023	70,366	24,775
195	Electric General	Miranda	OT	A.0001459.106	Lubbock South OT Cyber	9/15/2023	70,366	24,775
196	Electric General	Miranda	OT	A.0001459.107	Lynn OT Cyber	12/15/2023	70,366	24,775
197	Electric General	Miranda	OT	A.0001459.109	Mahoney OT Cyber	5/15/2024	70,383	24,781
198	Electric General	Miranda	OT	A.0001459.112	Murphy OT Cyber	9/15/2023	70,366	24,775
199	Electric General	Miranda	OT	A.0001459.113	Mustang OT Cyber	3/15/2024	70,382	24,780
200	Electric General	Miranda	OT	A.0001459.115	Needmore OT Cyber	1/15/2024	70,373	24,777
201	Electric General	Miranda	OT	A.0001459.116	NEF OT Cyber	5/15/2024	70,383	24,781
202	Electric General	Miranda	OT	A.0001459.121	Norton OT Cyber	8/15/2023	85,104	29,963
203	Electric General	Miranda	OT	A.0001459.122	Oasis OT Cyber	7/15/2023	70,366	24,775
204	Electric General	Miranda	OT	A.0001459.123	Ochiltree OT Cyber	8/15/2023	70,366	24,775
205	Electric General	Miranda	OT	A.0001459.130	Parmer OT Cyber	7/15/2023	70,366	24,775
206	Electric General	Miranda	OT	A.0001459.132	Pecos OT Cyber	6/15/2024	70,383	24,781
207	Electric General	Miranda	OT	A.0001459.133	Perimeter OT Cyber	7/15/2023	70,366	24,775
208	Electric General	Miranda	OT	A.0001459.136	Pleasant Hill OT Cyber	8/15/2023	70,366	24,775
209	Electric General	Miranda	OT	A.0001459.143	Quincy OT Cyber	1/15/2024	70,373	24,777
210	Electric General	Miranda	OT	A.0001459.144	Randall County OT Cyber	7/15/2023	70,366	24,775
211	Electric General	Miranda	OT	A.0001459.148	Rolling Hills OT Cyber	6/15/2024	70,383	24,781
212	Electric General	Miranda	OT	A.0001459.150	Roswell City OT Cyber	1/15/2024	70,373	24,777
213	Electric General	Miranda	OT	A.0001459.151	Roswell Intg OT Cyber	2/15/2024	70,379	24,779
214	Electric General	Miranda	OT	A.0001459.156	Seminole OT Cyber	3/15/2024	70,382	24,780
215	Electric General	Miranda	OT	A.0001459.157	Seven Rivers OT Cyber	6/15/2024	70,383	24,781
216	Electric General	Miranda	OT	A.0001459.158	Shell CO2 OT Cyber	4/15/2024	70,383	24,781
217	Electric General	Miranda	OT	A.0001459.160	Spearman Intg OT Cyber	10/15/2023	70,366	24,775
218	Electric General	Miranda	OT	A.0001459.161	Sulphur Springs OT Cyber	11/15/2023	70,366	24,775
219	Electric General	Miranda	OT	A.0001459.162	Sundown OT Cyber	11/15/2023	70,366	24,775
220	Electric General	Miranda	OT	A.0001459.165	Taylor OT Cyber	4/15/2024	70,383	24,781
221	Electric General	Miranda	OT	A.0001459.166	Terry County OT Cyber	11/15/2023	70,366	24,775
222	Electric General	Miranda	OT	A.0001459.170	West Hobbs OT Cyber	5/15/2024	70,383	24,781
223	Electric General	Miranda	OT	A.0001459.174	Wolfforth OT Cyber	10/15/2023	70,366	24,775

Southwestern Public Service Company

**Transmission Capital Additions by Work Order for the Future Test Year Period of July 1, 2023, through June 30, 2024
Plant Additions by Asset Class and Witness**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	In-Service Date	Additions to Plant-in-Service Future Test Year Total Company	Additions to Plant-in-Service Future Test Year NM Retail
224	Electric General	Miranda	OT	A.0001459.180	Artesia Country Club OT Cyber	5/15/2024	70,383	24,781
225	Electric General	Miranda	OT	A.0001459.182	Bensing OT Cyber	4/15/2024	70,383	24,781
226	Electric General	Miranda	OT	A.0001459.184	Campbell OT Cyber	8/15/2023	70,366	24,775
227	Electric General	Miranda	OT	A.0001459.186	Cirrus OT Cyber	12/15/2023	70,366	24,775
228	Electric General	Miranda	OT	A.0001459.188	Friona Rural OT Cyber	8/15/2023	70,366	24,775
229	Electric General	Miranda	OT	A.0001459.189	Graham OT Cyber	1/15/2024	70,373	24,777
230	Electric General	Miranda	OT	A.0001459.190	Hastings OT Cyber	3/15/2024	70,382	24,780
231	Electric General	Miranda	OT	A.0001459.191	La Plata OT Cyber	9/15/2023	70,366	24,775
232	Electric General	Miranda	OT	A.0001459.193	Lockney Field OT Cyber	2/15/2024	70,379	24,779
233	Electric General	Miranda	OT	A.0001459.200	Price OT Cyber	2/15/2024	70,379	24,779
234	Electric General	Miranda	OT	A.0001459.201	Sierra OT Cyber	2/15/2024	70,379	24,779
235	Electric General	Miranda	OT	A.0001459.205	Wade OT Cyber	6/15/2024	70,383	24,781
236	Electric General	Miranda	OT	A.0001459.208	Mulshoe Valley OT Cyber	9/15/2023	70,366	24,775
237	Electric General	Miranda	OT	A.0005014.084	New Mexico Substation Furnitur	Routine	200	70
238	Electric General	Miranda	OT	A.0006056.223	Fleet New Units El Trans NM	Routine	1,974,000	695,008
239	Electric General	Miranda	OT	A.0006056.224	Fleet New Unit El Trans TX	Routine	9,902,650	3,486,536
240	Electric General	Miranda	OT	A.0006059.063	SPS Sub Comm Tool Blanket	Routine	366,000	128,862
241	Electric General	Miranda	OT	A.0006059.432	Tool Blanket TX Line	Routine	109,998	38,728
242	Electric General	Miranda	OT	A.0006059.436	SPS Ops Engineering Tools	Routine	60,000	21,125
243	Electric General	Miranda	OT	A.0006059.499	EPZ Mats TX	12/15/2023	104,098	36,651
244	Electric General	Miranda	OT	A.0006059.500	EPZ Mats NM	12/15/2023	104,097	36,651
245	Electric General	Miranda	OT	A.0006059.505	SPS Trans Tool Blanket	Routine	85,000	29,927
246	Electric General	Miranda	OT	A.0006059.506	SPS Training Center Equipmen	Routine	102,502	36,089
247	Electric General Total						\$ 28,284,274	\$ 9,958,359
248	Electric Intangible	Miranda	OT	A.0001459.002	Asset Management Software TX	Routine	\$ 675,746	\$ 237,918
249	Electric Intangible Total						\$ 675,746	\$ 237,918
250	Grand Total						\$195,196,028	\$58,806,278

Southwestern Public Service Company

Transmission Capital Additions by Work Order for the Future Test Year Period of July 1, 2023, through June 30, 2024
Plant Additions by Project and Elements of Cost, Rule Reference 17.1.3.16

Line No.	Asset Class	Witness	WBS Level 2	Project Description (WBS Level 2 Description)	Future Test Year Total	Future Test Year Labor	Future Test Year Contract Work	Future Test Year Supplies and Materials	Future Test Year Other
1	Electric Transmission	Miranda	A.0001817.001	Twist Substation	\$ 20,255,877	\$ 1,818,353	\$ 5,764,916	\$ 2,113,681	\$ 10,558,926
2	Electric Transmission	Miranda	A.0000863.001	SPS Sub Comm Network Group 2 L	12,225,012	1,097,429	3,479,295	1,275,668	6,372,620
3	Electric Transmission	Miranda	A.0001439.001	TX PUC-HB4150	9,343,259	838,737	2,659,135	974,960	4,870,427
4	Electric Transmission	Miranda	A.0000303.007	SPS S&E B 230kV, Line	7,264,977	652,171	2,067,646	758,093	3,787,067
5	Electric Transmission	Miranda	A.0000710.003	SPS Physical Security Sub Infrastru	5,461,760	490,298	1,554,442	569,929	2,847,090
6	Electric Transmission	Miranda	A.0000538.037	Z83 Line Rebuild	5,358,589	481,036	1,525,079	559,164	2,793,310
7	Electric Transmission	Miranda	A.0000538.027	Z60 Line Rebuild PH-3	5,200,319	466,828	1,480,035	542,648	2,710,808
8	Electric Transmission	Miranda	A.0000538.026	Z60 Line Rebuild PH-2	5,161,151	463,312	1,468,887	538,561	2,690,390
9	Electric Transmission	Miranda	A.0000401.122	Hereford Intg Relay Upgrades	4,747,285	426,160	1,351,099	495,375	2,474,651
10	Electric Transmission	Miranda	A.0000822.012	Riverview Rplc XFMR TR03	3,730,669	334,899	1,061,766	389,292	1,944,713
11	Electric Transmission	Miranda	A.0000538.036	Z63 Line Rebuild PH-2	3,599,225	323,099	1,024,356	375,576	1,876,194
12	Electric Transmission	Miranda	A.0001167.029	Moore Co 115kV SPE Relay UPGS TX	3,578,397	321,230	1,018,428	373,402	1,865,337
13	Electric Transmission	Miranda	A.0000499.120	K06 Static Replace	3,413,998	306,472	971,640	356,247	1,779,639
14	Electric Transmission	Miranda	A.0000499.004	Line ELR SPS Line	2,991,295	268,526	851,336	312,139	1,559,294
15	Electric Transmission	Miranda	A.0000538.021	SPS Major Line Rebuild TX 115kV	2,792,894	250,716	794,871	291,436	1,455,872
16	Electric Transmission	Miranda	A.0001059.008	Lubbock S 6K75 Relay Upgrade	2,070,254	185,845	589,204	216,029	1,079,176
17	Electric Transmission	Miranda	A.0000822.013	Gaines Co Rplc XFMR TR02	1,951,498	175,184	555,405	203,637	1,017,272
18	Electric Transmission	Miranda	A.0001167.118	Oasis SPE Relay Rplcmnts	1,888,994	169,573	537,616	197,115	984,689
19	Electric Transmission	Miranda	A.0000286.005	Horz Cap and Pin Replacement TX	1,862,957	167,236	530,206	194,398	971,117
20	Electric Transmission	Miranda	A.0001763.003	Roadrunner 2nd DCP Trans Addition	1,636,471	146,905	465,747	170,764	853,055
21	Electric Transmission	Miranda	A.0001733.001	V15 STEA-INDN, Line	1,594,106	143,102	453,690	166,343	830,971
22	Electric Transmission	Miranda	A.0000863.031	V62 Fiber, Line	1,534,616	137,761	436,759	160,136	799,960
23	Electric Transmission	Miranda	A.0001658.002	Artesia Intg Sub Retirement	1,307,550	117,378	372,135	136,442	681,596
24	Electric Transmission	Miranda	A.0000863.074	T59 TX Fiber, Line	1,294,412	116,198	368,396	135,071	674,748
25	Electric Transmission	Miranda	A.0000863.128	K10 Frankford ? LBSO, Line	1,227,369	110,180	349,315	128,075	639,799
26	Electric Transmission	Miranda	A.0000863.077	K27 Fiber, Line	1,134,945	101,883	323,010	118,430	591,621
27	Electric Transmission	Miranda	A.0000499.103	T27 LINE ELR	1,118,691	100,424	318,385	116,734	583,148
28	Electric Transmission	Miranda	A.0001167.026	East Plant 115kV SPE Relay UPG	1,038,141	93,193	295,460	108,329	541,159
29	Electric Transmission	Miranda	A.0000499.095	Y59 LINE ELR	1,029,846	92,448	293,099	107,463	536,835
30	Electric Transmission	Miranda	A.0000640.124	Tolk TK47, Brkr Replc	1,028,660	92,342	292,761	107,340	536,217
31	Electric Transmission	Miranda	A.0001167.083	Osage SPE Relay UPGS TX	991,311	88,989	282,132	103,442	516,748
32	Electric Transmission	Miranda	A.0000499.114	W27 LINE ELR	965,238	86,649	274,711	100,722	503,157
33	Electric Transmission	Miranda	A.0001771.001	Riverview Cap Bank Replacement	934,818	83,918	266,054	97,547	487,299
34	Electric Transmission	Miranda	A.0001167.066	Blackhawk Intg SPE Relay UPGS TX	931,796	83,647	265,193	97,232	485,724
35	Electric Transmission	Miranda	A.0000220.006	SPS S&E, Sub	930,995	83,575	264,966	97,148	485,307
36	Electric Transmission	Miranda	A.0000424.301	Phantom 2nd Xfmr Add, TAM	877,390	78,763	249,709	91,555	457,363
37	Electric Transmission	Miranda	A.0000863.075	T59 CUCO - SL Fiber, Line	869,472	78,052	247,456	90,729	453,236
38	Electric Transmission	Miranda	A.0000401.129	Clovis Relay Upgrade, Term W32	868,413	77,957	247,154	90,618	452,684
39	Electric Transmission	Miranda	A.0000220.018	SPS NM S&E, Sub	850,927	76,387	242,178	88,793	443,569
40	Electric Transmission	Miranda	A.0000640.125	Tolk TK05, Brkr Replc	839,699	75,379	238,982	87,622	437,716
41	Electric Transmission	Miranda	A.0000499.099	U19 LINE ELR	817,199	73,359	232,578	85,274	425,987
42	Electric Transmission	Miranda	A.0000286.021	Cochran Co, Cap and Pin Replacement	813,043	72,986	231,396	84,840	423,821
43	Electric Transmission	Miranda	A.0001167.098	Grassland SPE Relay UPGS TX	784,241	70,401	223,199	81,835	408,807

Southwestern Public Service Company

**Transmission Capital Additions by Work Order for the Future Test Year Period of July 1, 2023, through June 30, 2024
Plant Additions by Project and Elements of Cost, Rule Reference 17.1.3.16**

Line No.	Asset Class	Witness	WBS Level 2	Project Description (WBS Level 2 Description)	Future Test Year	Future Test Year	Future Test Year	Future Test Year	Future Test Year
					Total	Labor	Contract Work	Supplies and Materials	Other
44	Electric Transmission	Miranda	A.0001167.088	Grapevine SPE Relay UPGS TX	780,059	70,025	222,008	81,398	406,627
45	Electric Transmission	Miranda	A.0000401.135	Whitten Relay Upgrade, Term W27	732,678	65,772	208,524	76,454	381,928
46	Electric Transmission	Miranda	A.0000401.136	Kirby 115kV Bus Replace Relays	730,810	65,604	207,992	76,259	380,955
47	Electric Transmission	Miranda	A.0000401.002	SPS ELR - Relays	725,319	65,111	206,429	75,686	378,092
48	Electric Transmission	Miranda	A.0000401.117	Kirby Sub, T54 Term Relay Rplcmnt	717,598	64,418	204,232	74,881	374,067
49	Electric Transmission	Miranda	A.0000401.115	Doss 69kV Bus Protect Relays	708,427	63,595	201,622	73,924	369,287
50	Electric Transmission	Miranda	A.0001167.122	PCA SPE Relay Rplcmnts	691,111	62,040	196,693	72,117	360,260
51	Electric Transmission	Miranda	A.0001793.005	Wood Draw DCP T2, TAM	676,737	60,750	192,602	70,617	352,767
52	Electric Transmission	Miranda	A.0000401.138	Northwest Relay Upgrade, T36 Term	666,121	59,797	189,581	69,509	347,233
53	Electric Transmission	Miranda	A.0000401.149	Etter Rural Relay Upgrade, Term V64	650,461	58,391	185,124	67,875	339,070
54	Electric Transmission	Miranda	A.0000401.158	Perimeter Relay Upgd, Term W32	631,141	56,657	179,626	65,859	328,999
55	Electric Transmission	Miranda	A.0000640.122	Doss Breakers 6790 and 7890	623,562	55,977	177,469	65,068	325,049
56	Electric Transmission	Miranda	A.0000401.114	Seagraves Sub Z87 Rly Upgrd-Bus Bck	621,887	55,826	176,992	64,893	324,176
57	Electric Transmission	Miranda	A.0000401.148	Dallam Relay Upgrade, Term V64	612,293	54,965	174,261	63,892	319,174
58	Electric Transmission	Miranda	A.0001167.123	Seven Rivers SPE Relay Rplcmnts	596,999	53,592	169,909	62,296	311,202
59	Electric Transmission	Miranda	A.0000640.112	Plant X, Rplc Brkr XK38	596,096	53,511	169,652	62,202	310,731
60	Electric Transmission	Miranda	A.0000640.113	Plant X, Rplc Brkr XK34	595,623	53,469	169,517	62,153	310,485
61	Electric Transmission	Miranda	A.0000401.141	Dallam 69kV Bus Protective Relays	590,213	52,983	167,977	61,588	307,665
62	Electric Transmission	Miranda	A.0000640.109	East Plant, Rplc Brkr 2K50	582,771	52,315	165,859	60,812	303,785
63	Electric Transmission	Miranda	A.0000499.098	V12 LINE ELR	582,690	52,308	165,836	60,803	303,743
64	Electric Transmission	Miranda	A.0000640.046	Hereford South 2734/5704 Brkr Rplcm	582,407	52,282	165,756	60,774	303,595
65	Electric Transmission	Miranda	A.0001812.001	Ashby DCP Substation	575,462	51,659	163,779	60,049	299,975
66	Electric Transmission	Miranda	A.0000286.016	Carlisle Cap And Pin Replacements	552,758	49,621	157,318	57,680	288,140
67	Electric Transmission	Miranda	A.0000556.033	Seminole - DFR	531,763	47,736	151,342	55,489	277,196
68	Electric Transmission	Miranda	A.0000640.111	East Plant, Rplc Brkr A906	527,267	47,332	150,063	55,020	274,852
69	Electric Transmission	Miranda	A.0001059.012	Lubbock South 6K10, NERC Brkr Rplc	525,981	47,217	149,697	54,886	274,182
70	Electric Transmission	Miranda	A.0000640.108	East Plant, Rplc Brkr A922	525,646	47,187	149,601	54,851	274,007
71	Electric Transmission	Miranda	A.0000401.139	Sunset 115kV Bus/T36 Term Rly Upgrd	520,589	46,733	148,162	54,323	271,371
72	Electric Transmission	Miranda	A.0000401.113	Sulphur Springs Z46/Z85 BBU Rly Rpl	520,506	46,725	148,139	54,314	271,328
73	Electric Transmission	Miranda	A.0000401.143	Sunset Substation - Bus Diff Redund	520,203	46,698	148,052	54,283	271,170
74	Electric Transmission	Miranda	A.0001167.081	Dallam SPE Relay UPGS TX	519,390	46,625	147,821	54,198	270,746
75	Electric Transmission	Miranda	A.0000640.081	Riverview Rplc Brkr R716	513,238	46,073	146,070	53,556	267,539
76	Electric Transmission	Miranda	A.0000401.083	Graham T21 Relay/Bkr Upgrd	508,801	45,675	144,807	53,093	265,227
77	Electric Transmission	Miranda	A.0000076.004	IA Tariff Fund SPS	502,326	45,093	142,964	52,417	261,851
78	Electric Transmission	Miranda	A.0000401.112	Plant X Transfer Bus Relay Rplcmnts	491,991	44,166	140,023	51,339	256,464
79	Electric Transmission	Miranda	A.0000640.117	Plant X, Rplc Brkr X915	490,417	44,024	139,575	51,175	255,643
80	Electric Transmission	Miranda	A.0000640.115	Plant X, Rplc Brkr X936	490,378	44,021	139,564	51,170	255,623
81	Electric Transmission	Miranda	A.0001059.013	Lubbock South 6K75, NERC Brkr Rplc	489,163	43,912	139,218	51,044	254,989
82	Electric Transmission	Miranda	A.0001059.014	Lubbock South 6945, NERC Brkr Rplc	489,163	43,912	139,218	51,044	254,989
83	Electric Transmission	Miranda	A.0001059.015	Potter County 2K40, NERC Brkr Rplc	489,163	43,912	139,218	51,044	254,989
84	Electric Transmission	Miranda	A.0001059.016	Potter County 2K45, NERC Brkr Rplc	489,163	43,912	139,218	51,044	254,989
85	Electric Transmission	Miranda	A.0000640.116	Plant X, Rplc Brkr X927	488,796	43,879	139,113	51,005	254,798
86	Electric Transmission	Miranda	A.0000640.114	Plant X, Rplc Brkr X941	488,784	43,878	139,110	51,004	254,792

Southwestern Public Service Company

**Transmission Capital Additions by Work Order for the Future Test Year Period of July 1, 2023, through June 30, 2024
Plant Additions by Project and Elements of Cost, Rule Reference 17.1.3.16**

Line No.	Asset Class	Witness	WBS Level 2	Project Description (WBS Level 2 Description)	Future Test Year	Future Test Year	Future Test Year	Future Test Year	Future Test Year
					Total	Labor	Contract Work	Supplies and Materials	Other
87	Electric Transmission	Miranda	A.0001167.089	Gaines Co 115kV Bus Diff	469,391	42,137	133,591	48,980	244,683
88	Electric Transmission	Miranda	A.0000401.093	NE Hereford 69kV Bus Diff Relay	466,483	41,876	132,763	48,677	243,167
89	Electric Transmission	Miranda	A.0000640.083	Riverview Rplc Brkr R904	464,588	41,706	132,224	48,479	242,179
90	Electric Transmission	Miranda	A.0000401.110	Oasis Sub, K65 Term & Bus Relay Rpl	455,244	40,867	129,564	47,504	237,308
91	Electric Transmission	Miranda	A.0000401.119	South Georgia T73 Relay Upgrade	454,318	40,784	129,301	47,408	236,825
92	Electric Transmission	Miranda	A.0000401.109	Kirby Sub, T50 Term Relay Replmnt	444,568	39,908	126,526	46,390	231,743
93	Electric Transmission	Miranda	A.0000640.084	Riverview Rplc Brkr R916	441,972	39,675	125,787	46,119	230,390
94	Electric Transmission	Miranda	A.0000401.152	Oil Center Relay Upgrade, Term W27	433,488	38,914	123,373	45,234	225,967
95	Electric Transmission	Miranda	A.0000401.107	FEC Clovis Sub, 115kV Bus Backup Re	424,688	38,124	120,868	44,316	221,380
96	Electric Transmission	Miranda	A.0000153.001	SPS Trans Switch Replmnt Line	405,530	36,404	115,416	42,317	211,394
97	Electric Transmission	Miranda	A.0001167.119	Etter Rural SPE Relay Rplcmnts	402,747	36,154	114,624	42,026	209,943
98	Electric Transmission	Miranda	A.0000640.092	Gaines Co Rplc Brkr 7955	396,216	35,568	112,765	41,345	206,538
99	Electric Transmission	Miranda	A.0000640.078	Riverview Rplc Brkr R712	396,018	35,550	112,709	41,324	206,435
100	Electric Transmission	Miranda	A.0000640.076	Riverview Rplc Brkr R708	395,076	35,466	112,440	41,226	205,944
101	Electric Transmission	Miranda	A.0000640.082	Riverview Rplc Brkr R748	394,598	35,423	112,304	41,176	205,695
102	Electric Transmission	Miranda	A.0000640.079	Riverview Rplc Brkr R700	393,011	35,280	111,853	41,010	204,868
103	Electric Transmission	Miranda	A.0000640.080	Riverview Rplc Brkr R740	392,602	35,244	111,736	40,968	204,654
104	Electric Transmission	Miranda	A.0000640.110	East Plant, Rplc Brkr A740	382,673	34,352	108,911	39,932	199,479
105	Electric Transmission	Miranda	A.0001219.002	T46 DALLAM CO ELR RFL9300 SPS TX	381,049	34,206	108,448	39,762	198,632
106	Electric Transmission	Miranda	A.0001219.007	T46 DALHART ELR RFL9300 SPS TX	378,330	33,962	107,675	39,478	197,215
107	Electric Transmission	Miranda	A.0001219.012	Z45 DALHART ELR RFL9300 SPS TX	367,814	33,018	104,682	38,381	191,733
108	Electric Transmission	Miranda	A.0001219.015	Z45 DALLAM CO ELR RFL9300 SPS TX	366,863	32,933	104,411	38,282	191,237
109	Electric Transmission	Miranda	A.0000401.099	Sulphur Springs, T20 Relay Upgrade	365,706	32,829	104,082	38,161	190,634
110	Electric Transmission	Miranda	A.0000401.084	Grassland T21 Relay Upgrd	359,038	32,231	102,184	37,465	187,158
111	Electric Transmission	Miranda	A.0000401.118	Amarillo South T73 Relay Upgrade	357,268	32,072	101,680	37,281	186,236
112	Electric Transmission	Miranda	A.0001219.038	Z67 Phillips 1 69kV ELR RFL9300 SPS	356,603	32,012	101,491	37,211	185,889
113	Electric Transmission	Miranda	A.0000401.121	Hereford So, Relay Upgrade	343,618	30,846	97,795	35,856	179,120
114	Electric Transmission	Miranda	A.0000401.100	Seagraves Sub T20 Relay Upgrade	340,728	30,587	96,973	35,555	177,614
115	Electric Transmission	Miranda	A.0001219.040	Z68 Phillips #2 69kV ELR RFL9300 SP	336,783	30,233	95,850	35,143	175,557
116	Electric Transmission	Miranda	A.0001219.039	Z68 Blackhawk 69kV ELR RFL9300 SPS	336,226	30,183	95,692	35,085	175,267
117	Electric Transmission	Miranda	A.0000401.108	Grapevine Sub, T50 Term Relay Replc	334,163	29,998	95,104	34,870	174,191
118	Electric Transmission	Miranda	A.0000863.033	V40 Fiber, Line	331,089	29,722	94,229	34,549	172,589
119	Electric Transmission	Miranda	A.0000401.116	Hansford 115kV Bus Protect Relays	313,409	28,134	89,198	32,704	163,373
120	Electric Transmission	Miranda	A.0001219.018	Z67 BLACKHAWK INTG ELR RFL9300 SPS	311,984	28,007	88,792	32,555	162,630
121	Electric Transmission	Miranda	A.0000286.018	Bushland Cap and Pin Insulators	305,797	27,451	87,031	31,910	159,405
122	Electric Transmission	Miranda	A.0000401.157	West Clovis Wave Trap, Term W32	299,806	26,913	85,326	31,285	156,282
123	Electric Transmission	Miranda	A.0000401.156	Canon AFB Wave Trap, Term W32	298,478	26,794	84,948	31,146	155,590
124	Electric Transmission	Miranda	A.0000401.154	Ward Wave Trap, Term W27	289,330	25,973	82,345	30,191	150,821
125	Electric Transmission	Miranda	A.0000401.153	Lea Road Wave Trap, W27 Term	286,640	25,731	81,579	29,911	149,419
126	Electric Transmission	Miranda	A.0000401.111	Roswell Intg 69kV BBU Relay Rplcmnt	282,194	25,332	80,314	29,447	147,102
127	Electric Transmission	Miranda	A.0000514.012	Hobbs Generation SW 4R226	264,120	23,710	75,170	27,561	137,680
128	Electric Transmission	Miranda	A.0000153.026	Y60 Rplc and Relocate SW 2750	208,908	18,753	59,456	21,799	108,899
129	Electric Transmission	Miranda	A.0000153.031	W35 Oxy West Tap, SW Install	48,981	4,397	13,940	5,111	25,533

Southwestern Public Service Company

Transmission Capital Additions by Work Order for the Future Test Year Period of July 1, 2023, through June 30, 2024
Plant Additions by Project and Elements of Cost, Rule Reference 17.1.3.16

Line No.	Asset Class	Witness	WBS Level 2	Project Description (WBS Level 2 Description)	Future Test Year	Future Test Year	Future Test Year	Future Test Year	Future Test Year
					Total	Labor	Contract Work	Supplies and Materials	Other
130	Electric Transmission	Miranda	A.0000153.033	T62 Cone Butte, SW Install	48,981	4,397	13,940	5,111	25,533
131	Electric Transmission	Miranda	A.0001041.011	Plant X 230kV LIDAR	48,976	4,397	13,939	5,111	25,530
132	Electric Transmission	Miranda	A.0000153.032	W98 Lakewood Tap, SW Install	48,779	4,379	13,883	5,090	25,427
133	Electric Transmission	Miranda	A.0000499.126	Z69 LINE ELR	40,148	3,604	11,426	4,189	20,928
134	Electric Transmission	Miranda	A.0001242.001	Owens Corning Cap Bank Rplmt	27,900	2,505	7,940	2,911	14,544
135	Electric Transmission	Miranda	A.0000427.022	U38 STR Raise	15,540	1,395	4,423	1,622	8,101
136	Electric Transmission	Miranda	A.0001396.004	Legacy Sub TAM	7,382	663	2,101	770	3,848
137	Electric Transmission	Miranda	A.0000424.295	V61 Line reterm, Magnum Sub	2,790	250	794	291	1,454
138	Electric Transmission	Miranda	A.0000427.001	SPS Line Capacity Line	1,142	103	325	119	595
139	Electric Transmission	Miranda	A.0000514.009	SPS Sub Switch Replacement	1,121	101	319	117	584
140	Electric Transmission	Miranda	A.0000710.001	NM Physical Security Sub Infrastruc	803	72	229	84	419
141	Electric Transmission	Miranda	A.0000220.031	SPS OK S&E Sub	723	65	206	75	377
142	Electric Transmission	Miranda	A.0000469.006	SPS Major Line Refurb230kVCTX	561	50	160	59	292
143	Electric Transmission	Miranda	A.0000640.002	SPS 2016 ELR Breakers Sub	561	50	160	59	292
144	Electric Transmission	Miranda	A.0001480.001	Tip Top Solar, RR Term TOIF	(449,432)	(40,345)	(127,910)	(46,898)	(234,279)
145	Electric Transmission	Miranda	A.0001480.002	Tip Top Solar, RR Term, Sub	(459,061)	(41,210)	(130,651)	(47,903)	(239,298)
146	Electric Transmission	Miranda	A.0001739.004	Phillips WRB South, Sub TOIF	(1,842,750)	(165,422)	(524,455)	(192,289)	(960,583)
147	Electric General	Miranda	A.0006056.224	Fleet New Unit El Trans TX	9,902,650	861,676	3,595,265	3,356,746	2,088,963
148	Electric General	Miranda	A.0000863.099	T66 Fiber, Line	3,138,243	273,073	1,139,374	1,063,785	662,012
149	Electric General	Miranda	A.0000863.003	SPS Sub Comm Network Group 2 C	2,297,298	199,899	834,059	778,726	484,615
150	Electric General	Miranda	A.0006056.223	Fleet New Units El Trans NM	1,974,000	171,767	716,682	669,136	416,415
151	Electric General	Miranda	A.0000588.026	Kress 69kV RTU Rplmnt	504,386	43,889	183,123	170,974	106,400
152	Electric General	Miranda	A.0000588.028	Lamton 69kV RTU Rplmnt	500,624	43,562	181,757	169,699	105,606
153	Electric General	Miranda	A.0000401.151	Hereford Intg. COMM	382,845	33,313	138,996	129,775	80,761
154	Electric General	Miranda	A.0000588.048	Canyon West RTU Rplc, COMM	381,226	33,172	138,408	129,226	80,419
155	Electric General	Miranda	A.0006059.063	SPS Sub Comm Tool Blanket	366,000	31,847	132,880	124,065	77,208
156	Electric General	Miranda	A.0000863.082	Curry Co, T59 Fiber COMM	286,969	24,970	104,187	97,275	60,536
157	Electric General	Miranda	A.0000863.142	Needmore Sub, R06 Fiber COMM	267,817	23,304	97,234	90,783	56,496
158	Electric General	Miranda	A.0000863.064	Frankford, LBSO K-10 Fiber, Comm	266,127	23,157	96,620	90,210	56,139
159	Electric General	Miranda	A.0000863.053	Murphy Sub, V40 Fiber, COMM	261,064	22,716	94,782	88,494	55,071
160	Electric General	Miranda	A.0000863.103	Happy Intg, T66 Fiber COMM	259,368	22,569	94,166	87,919	54,714
161	Electric General	Miranda	A.0000863.081	Parmer Co, T59 Fiber COMM	258,086	22,457	93,701	87,485	54,443
162	Electric General	Miranda	A.0000863.109	Cargill, T59 Fiber COMM	257,835	22,435	93,610	87,399	54,390
163	Electric General	Miranda	A.0000863.111	Carlisle, V62 Fiber COMM	257,718	22,425	93,567	87,360	54,366
164	Electric General	Miranda	A.0000863.085	Tolk, K27 Fiber COMM	257,571	22,412	93,514	87,310	54,335
165	Electric General	Miranda	A.0000863.088	Plant X, K27 Fiber COMM	257,571	22,412	93,514	87,310	54,335
166	Electric General	Miranda	A.0000863.102	Randall Co, T66 Fiber COMM	253,707	22,076	92,111	86,000	53,519
167	Electric General	Miranda	A.0000863.140	Lost Draw Sub, R06 Fiber COMM	222,821	19,389	80,898	75,531	47,004
168	Electric General	Miranda	A.0000863.054	Lubbock South, K-10 Fiber, Comm	215,373	18,741	78,193	73,006	45,433
169	Electric General	Miranda	A.0000863.030	Jones Sub, K14, K15 Fiber, COMM	173,383	15,087	62,948	58,772	36,575
170	Electric General	Miranda	A.0001452.030	LCEC 115 and 69 COMM, RTCA	138,315	12,035	50,217	46,885	29,178
171	Electric General	Miranda	A.0000863.138	Lubbock East K15 Fiber, COMM	128,346	11,168	46,598	43,506	27,075
172	Electric General	Miranda	A.0000863.139	Lubbock South K14 Fiber, COMM	128,346	11,168	46,598	43,506	27,075

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Transmission Capital Additions by Work Order for the Future Test Year Period of July 1, 2023, through June 30, 2024
Plant Additions by Project and Elements of Cost, Rule Reference 17.1.3.16

Line No.	Asset Class	Witness	WBS Level 2	Project Description (WBS Level 2 Description)	Future Test Year	Future Test Year	Future Test Year	Future Test Year	Future Test Year
					Total	Labor	Contract Work	Supplies and Materials	Other
173	Electric General	Miranda	A.0006059.432	Tool Blanket TX Line	109,998	9,571	39,936	37,287	23,204
174	Electric General	Miranda	A.0006059.499	EPZ Mats TX	104,098	9,058	37,794	35,287	21,959
175	Electric General	Miranda	A.0006059.500	EPZ Mats NM	104,097	9,058	37,794	35,286	21,959
176	Electric General	Miranda	A.0006059.506	SPS Training Center Equipmen	102,502	8,919	37,214	34,746	21,623
177	Electric General	Miranda	A.0001459.121	Norton OT Cyber	85,104	7,405	30,898	28,848	17,953
178	Electric General	Miranda	A.0006059.505	SPS Trans Tool Blanket	85,000	7,396	30,860	28,813	17,931
179	Electric General	Miranda	A.0001167.125	Moore Co SPE Relay Upgrade, COMM	78,914	6,867	28,650	26,750	16,647
180	Electric General	Miranda	A.0001459.035	Cunningham OT Cyber	70,383	6,124	25,553	23,858	14,847
181	Electric General	Miranda	A.0001459.088	Jal OT Cyber	70,383	6,124	25,553	23,858	14,847
182	Electric General	Miranda	A.0001459.104	Lost Draw OT Cyber	70,383	6,124	25,553	23,858	14,847
183	Electric General	Miranda	A.0001459.109	Mahoney OT Cyber	70,383	6,124	25,553	23,858	14,847
184	Electric General	Miranda	A.0001459.116	NEF OT Cyber	70,383	6,124	25,553	23,858	14,847
185	Electric General	Miranda	A.0001459.132	Pecos OT Cyber	70,383	6,124	25,553	23,858	14,847
186	Electric General	Miranda	A.0001459.148	Rolling Hills OT Cyber	70,383	6,124	25,553	23,858	14,847
187	Electric General	Miranda	A.0001459.157	Seven Rivers OT Cyber	70,383	6,124	25,553	23,858	14,847
188	Electric General	Miranda	A.0001459.158	Shell CO2 OT Cyber	70,383	6,124	25,553	23,858	14,847
189	Electric General	Miranda	A.0001459.165	Taylor OT Cyber	70,383	6,124	25,553	23,858	14,847
190	Electric General	Miranda	A.0001459.170	West Hobbs OT Cyber	70,383	6,124	25,553	23,858	14,847
191	Electric General	Miranda	A.0001459.180	Artesia Country Club OT Cyber	70,383	6,124	25,553	23,858	14,847
192	Electric General	Miranda	A.0001459.182	Bensing OT Cyber	70,383	6,124	25,553	23,858	14,847
193	Electric General	Miranda	A.0001459.205	Wade OT Cyber	70,383	6,124	25,553	23,858	14,847
194	Electric General	Miranda	A.0001459.041	Denver City OT Cyber	70,382	6,124	25,553	23,858	14,847
195	Electric General	Miranda	A.0001459.087	Ink Basin OT Cyber	70,382	6,124	25,553	23,858	14,847
196	Electric General	Miranda	A.0001459.113	Mustang OT Cyber	70,382	6,124	25,553	23,858	14,847
197	Electric General	Miranda	A.0001459.156	Seminole OT Cyber	70,382	6,124	25,553	23,858	14,847
198	Electric General	Miranda	A.0001459.190	Hastings OT Cyber	70,382	6,124	25,553	23,858	14,847
199	Electric General	Miranda	A.0001459.099	Lea Co Plains Switching Station OT	70,379	6,124	25,552	23,857	14,847
200	Electric General	Miranda	A.0001459.151	Roswell Intg OT Cyber	70,379	6,124	25,552	23,857	14,847
201	Electric General	Miranda	A.0001459.193	Lockney Field OT Cyber	70,379	6,124	25,552	23,857	14,847
202	Electric General	Miranda	A.0001459.200	Price OT Cyber	70,379	6,124	25,552	23,857	14,847
203	Electric General	Miranda	A.0001459.201	Sierra OT Cyber	70,379	6,124	25,552	23,857	14,847
204	Electric General	Miranda	A.0001459.078	Chaves County OT Cyber	70,373	6,123	25,550	23,855	14,845
205	Electric General	Miranda	A.0001459.115	Needmore OT Cyber	70,373	6,123	25,550	23,855	14,845
206	Electric General	Miranda	A.0001459.143	Quincy OT Cyber	70,373	6,123	25,550	23,855	14,845
207	Electric General	Miranda	A.0001459.150	Roswell City OT Cyber	70,373	6,123	25,550	23,855	14,845
208	Electric General	Miranda	A.0001459.189	Graham OT Cyber	70,373	6,123	25,550	23,855	14,845
209	Electric General	Miranda	A.0001459.029	Cochran OT Cyber	70,366	6,123	25,547	23,852	14,844
210	Electric General	Miranda	A.0001459.032	Cox OT Cyber	70,366	6,123	25,547	23,852	14,844
211	Electric General	Miranda	A.0001459.033	Crosby County OT Cyber	70,366	6,123	25,547	23,852	14,844
212	Electric General	Miranda	A.0001459.042	Diamondback OT Cyber	70,366	6,123	25,547	23,852	14,844
213	Electric General	Miranda	A.0001459.057	Grassland OT Cyber	70,366	6,123	25,547	23,852	14,844
214	Electric General	Miranda	A.0001459.060	Hale County Intg OT Cyber	70,366	6,123	25,547	23,852	14,844
215	Electric General	Miranda	A.0001459.094	Kiser OT CyberP10:P40	70,366	6,123	25,547	23,852	14,844

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Plant Additions by Project and Elements of Cost, Rule Reference 17.1.3.16

Line No.	Asset Class	Witness	WBS Level 2	Project Description (WBS Level 2 Description)	Future Test Year	Future Test Year	Future Test Year	Future Test Year	Future Test Year
					Total	Labor	Contract Work	Supplies and Materials	Other
216	Electric General	Miranda	A.0001459.097	Lamton OT Cyber	70,366	6,123	25,547	23,852	14,844
217	Electric General	Miranda	A.0001459.103	Lopez OT Cyber	70,366	6,123	25,547	23,852	14,844
218	Electric General	Miranda	A.0001459.105	Lubbock East OT Cyber	70,366	6,123	25,547	23,852	14,844
219	Electric General	Miranda	A.0001459.106	Lubbock South OT Cyber	70,366	6,123	25,547	23,852	14,844
220	Electric General	Miranda	A.0001459.107	Lynn OT Cyber	70,366	6,123	25,547	23,852	14,844
221	Electric General	Miranda	A.0001459.112	Murphy OT Cyber	70,366	6,123	25,547	23,852	14,844
222	Electric General	Miranda	A.0001459.122	Oasis OT Cyber	70,366	6,123	25,547	23,852	14,844
223	Electric General	Miranda	A.0001459.123	Ochiltree OT Cyber	70,366	6,123	25,547	23,852	14,844
224	Electric General	Miranda	A.0001459.130	Parmer OT Cyber	70,366	6,123	25,547	23,852	14,844
225	Electric General	Miranda	A.0001459.133	Perimeter OT Cyber	70,366	6,123	25,547	23,852	14,844
226	Electric General	Miranda	A.0001459.136	Pleasant Hill OT Cyber	70,366	6,123	25,547	23,852	14,844
227	Electric General	Miranda	A.0001459.144	Randall County OT Cyber	70,366	6,123	25,547	23,852	14,844
228	Electric General	Miranda	A.0001459.160	Spearman Intg OT Cyber	70,366	6,123	25,547	23,852	14,844
229	Electric General	Miranda	A.0001459.161	Sulphur Springs OT Cyber	70,366	6,123	25,547	23,852	14,844
230	Electric General	Miranda	A.0001459.162	Sundown OT Cyber	70,366	6,123	25,547	23,852	14,844
231	Electric General	Miranda	A.0001459.166	Terry County OT Cyber	70,366	6,123	25,547	23,852	14,844
232	Electric General	Miranda	A.0001459.174	Wolfthorh OT Cyber	70,366	6,123	25,547	23,852	14,844
233	Electric General	Miranda	A.0001459.184	Campbell OT Cyber	70,366	6,123	25,547	23,852	14,844
234	Electric General	Miranda	A.0001459.186	Cirrus OT Cyber	70,366	6,123	25,547	23,852	14,844
235	Electric General	Miranda	A.0001459.188	Friona Rural OT Cyber	70,366	6,123	25,547	23,852	14,844
236	Electric General	Miranda	A.0001459.191	La Plata OT Cyber	70,366	6,123	25,547	23,852	14,844
237	Electric General	Miranda	A.0001459.208	Muleshoe Valley OT Cyber	70,366	6,123	25,547	23,852	14,844
238	Electric General	Miranda	A.0006059.436	SPS Ops Engineering Tools	60,000	5,221	21,784	20,338	12,657
239	Electric General	Miranda	A.0000863.136	Carlisle V40 Fiber, COMM	35,013	3,047	12,712	11,869	7,386
240	Electric General	Miranda	A.0000863.112	Castro, W51 Fiber COMM	34,254	2,981	12,436	11,611	7,226
241	Electric General	Miranda	A.0000863.105	Happy Intg, T67 Fiber COMM	34,112	2,968	12,385	11,563	7,196
242	Electric General	Miranda	A.0000588.052	China Draw RTU Rplc, COMM	31,043	2,701	11,270	10,523	6,549
243	Electric General	Miranda	A.0000710.008	SPS Physical Security Comm	603	52	219	204	127
244	Electric General	Miranda	A.0005014.084	New Mexico Substation Furnitur	200	17	73	68	42
245	Electric General	Miranda	A.0000556.025	Eddy Co HVDC - DFR	(6)	(1)	(2)	(2)	(1)
246	Electric Intangible	Miranda	A.0001459.002	Asset Management Software TX	675,746	40,630	263,559	553	371,003
247	Grand Total				\$ 195,196,028	\$ 17,424,646	\$ 57,844,010	\$ 26,934,771	\$ 92,992,601

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Transmission Capital Additions by Project Group for the Future Test Year Period of July 1, 2023, through June 30, 2024

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) Total Company	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) New Mexico	WBS Level 1 Project Group Description	Cost Recovery	Project Category
1	Electric Transmission	Ashby DCP Substation	A.0001812.001	Ashby DCP Substation	536,475.54	156,873.82			
2	Electric Transmission	Ashby DCP Substation	A.0001812.001	Ashby DCP Substation	38,986.09	11,400.14			
3	Electric Transmission	Ashby DCP Substation Total			575,461.63	168,273.96	This project installed a transmission tap line approximately 200 feet in length from the existing 115-kV transmission line V-64 and the transmission substation components needed to provide service to the new Ashby distribution substation located in Dalhart, Texas. SPS Distribution requested a transmission delivery point to this new substation.	SPS Zonal/Customer Funded	LI
4	Electric Transmission	CVA Mitigation	A.0000286.005	Horz Cap and Pin Replacement TX	136,482.24	39,909.54			
5	Electric Transmission	CVA Mitigation	A.0000286.005	Horz Cap and Pin Replacement TX	1,726,475.16	504,848.26			
6	Electric Transmission	CVA Mitigation	A.0000286.016	Carlisle Cap And Pin Replacements	40,495.65	11,841.56			
7	Electric Transmission	CVA Mitigation	A.0000286.016	Carlisle Cap And Pin Replacements	512,262.46	149,793.53			
8	Electric Transmission	CVA Mitigation	A.0000286.018	Bushland Cap and Pin Insulators	22,402.98	6,550.98			
9	Electric Transmission	CVA Mitigation	A.0000286.018	Bushland Cap and Pin Insulators	283,393.53	82,868.69			
10	Electric Transmission	CVA Mitigation	A.0000286.021	Cochran Co, Cap and Pin Replacement	59,564.43	17,417.57			
11	Electric Transmission	CVA Mitigation	A.0000286.021	Cochran Co, Cap and Pin Replacement	753,479.05	220,329.03			
12	Electric Transmission	CVA Mitigation Total			3,534,555.50	1,033,559.16	This project replaced various pieces of equipment that were identified by the Common Vulnerability Assessment (CVA) program. The CVA program identifies specific pieces of equipment that have a history of failing across all of the Xcel Energy transmission systems and works to proactively replace the remaining pieces of equipment still in service before they fail.	SPS Zonal	SR
13	Electric Transmission	Eagle Creek Expansion	A.0001658.002	Artesia Intg Sub Retirement	42,534.33	12,437.70			
14	Electric Transmission	Eagle Creek Expansion	A.0001658.002	Artesia Intg Sub Retirement	1,265,015.65	369,910.31			
15	Electric Transmission	Eagle Creek Expansion Total			1,307,549.98	382,348.01	This project expanded the Eagle Creek Substation and retired Artesia Interchange. Both 115/69-kV transformers at Artesia Interchange were at the end of their useful lives and needed to be replaced. Instead of replacing these transformers at Artesia Interchange, the 69-kV bus at nearby Eagle Creek Substation was expanded and the new transformers were installed there. Additionally, the 115-kV and 69-kV lines at Artesia Interchange were reconnected to Eagle Creek Substation. Artesia Interchange was removed from service at the completion of the Eagle Creek Substation project.	SPS Zonal	SR
16	Electric Transmission	ELR - Breakers - SPS	A.0000640.002	SPS 2016 ELR Breakers Sub	41.08	12.01			
17	Electric Transmission	ELR - Breakers - SPS	A.0000640.002	SPS 2016 ELR Breakers Sub	519.62	151.95			
18	Electric Transmission	ELR - Breakers - SPS	A.0000640.046	Hereford South 2734/5704 Brkr Rplcm	9,929.46	2,903.53			
19	Electric Transmission	ELR - Breakers - SPS	A.0000640.046	Hereford South 2734/5704 Brkr Rplcm	572,477.48	167,401.34			
20	Electric Transmission	ELR - Breakers - SPS	A.0000640.076	Riverview Rplc Brkr R708	10,034.15	2,934.14			
21	Electric Transmission	ELR - Breakers - SPS	A.0000640.076	Riverview Rplc Brkr R708	385,041.61	112,592.17			
22	Electric Transmission	ELR - Breakers - SPS	A.0000640.078	Riverview Rplc Brkr R712	10,058.08	2,941.14			
23	Electric Transmission	ELR - Breakers - SPS	A.0000640.078	Riverview Rplc Brkr R712	385,959.88	112,860.69			
24	Electric Transmission	ELR - Breakers - SPS	A.0000640.079	Riverview Rplc Brkr R700	9,981.71	2,918.81			

Southwestern Public Service Company

Transmission Capital Additions by Project Group for the Future Test Year Period of July 1, 2023, through June 30, 2024

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) Total Company	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) New Mexico	WBS Level 1 Project Group Description	Cost Recovery	Project Category
25	Electric Transmission	ELR - Breakers - SPS	A.0000640.079	Riverview Rplc Brkr R700	383,029.02	112,003.66			
26	Electric Transmission	ELR - Breakers - SPS	A.0000640.080	Riverview Rplc Brkr R740	9,971.31	2,915.77			
27	Electric Transmission	ELR - Breakers - SPS	A.0000640.080	Riverview Rplc Brkr R740	382,630.26	111,887.05			
28	Electric Transmission	ELR - Breakers - SPS	A.0000640.081	Riverview Rplc Brkr R716	13,035.24	3,811.71			
29	Electric Transmission	ELR - Breakers - SPS	A.0000640.081	Riverview Rplc Brkr R716	500,202.53	146,267.02			
30	Electric Transmission	ELR - Breakers - SPS	A.0000640.082	Riverview Rplc Brkr R748	10,022.02	2,930.60			
31	Electric Transmission	ELR - Breakers - SPS	A.0000640.082	Riverview Rplc Brkr R748	384,576.02	112,456.03			
32	Electric Transmission	ELR - Breakers - SPS	A.0000640.083	Riverview Rplc Brkr R904	11,799.64	3,450.40			
33	Electric Transmission	ELR - Breakers - SPS	A.0000640.083	Riverview Rplc Brkr R904	452,788.63	132,402.46			
34	Electric Transmission	ELR - Breakers - SPS	A.0000640.084	Riverview Rplc Brkr R916	11,225.22	3,282.43			
35	Electric Transmission	ELR - Breakers - SPS	A.0000640.084	Riverview Rplc Brkr R916	430,746.36	125,956.96			
36	Electric Transmission	ELR - Breakers - SPS	A.0000640.092	Gaines Co Rplc Brkr 7955	22,831.90	6,676.40			
37	Electric Transmission	ELR - Breakers - SPS	A.0000640.092	Gaines Co Rplc Brkr 7955	373,383.61	109,183.19			
38	Electric Transmission	ELR - Breakers - SPS	A.0000640.108	East Plant, Rplc Brkr A922	6,924.71	2,024.89			
39	Electric Transmission	ELR - Breakers - SPS	A.0000640.108	East Plant, Rplc Brkr A922	518,721.04	151,682.12			
40	Electric Transmission	ELR - Breakers - SPS	A.0000640.109	East Plant, Rplc Brkr 2K50	42,694.42	12,484.51			
41	Electric Transmission	ELR - Breakers - SPS	A.0000640.109	East Plant, Rplc Brkr 2K50	540,076.51	157,926.80			
42	Electric Transmission	ELR - Breakers - SPS	A.0000640.110	East Plant, Rplc Brkr A740	28,035.05	8,197.89			
43	Electric Transmission	ELR - Breakers - SPS	A.0000640.110	East Plant, Rplc Brkr A740	354,638.21	103,701.74			
44	Electric Transmission	ELR - Breakers - SPS	A.0000640.111	East Plant, Rplc Brkr A906	38,628.14	11,295.47			
45	Electric Transmission	ELR - Breakers - SPS	A.0000640.111	East Plant, Rplc Brkr A906	488,638.88	142,885.63			
46	Electric Transmission	ELR - Breakers - SPS	A.0000640.112	Plant X, Rplc Brkr XK38	43,670.65	12,769.98			
47	Electric Transmission	ELR - Breakers - SPS	A.0000640.112	Plant X, Rplc Brkr XK38	552,425.69	161,537.89			
48	Electric Transmission	ELR - Breakers - SPS	A.0000640.113	Plant X, Rplc Brkr XK34	43,635.99	12,759.85			
49	Electric Transmission	ELR - Breakers - SPS	A.0000640.113	Plant X, Rplc Brkr XK34	551,987.26	161,409.68			
50	Electric Transmission	ELR - Breakers - SPS	A.0000640.114	Plant X, Rplc Brkr X941	35,808.82	10,471.06			
51	Electric Transmission	ELR - Breakers - SPS	A.0000640.114	Plant X, Rplc Brkr X941	452,974.96	132,456.94			
52	Electric Transmission	ELR - Breakers - SPS	A.0000640.115	Plant X, Rplc Brkr X936	35,925.60	10,505.21			
53	Electric Transmission	ELR - Breakers - SPS	A.0000640.115	Plant X, Rplc Brkr X936	454,452.19	132,888.91			
54	Electric Transmission	ELR - Breakers - SPS	A.0000640.116	Plant X, Rplc Brkr X927	35,809.68	10,471.31			
55	Electric Transmission	ELR - Breakers - SPS	A.0000640.116	Plant X, Rplc Brkr X927	452,985.82	132,460.12			
56	Electric Transmission	ELR - Breakers - SPS	A.0000640.117	Plant X, Rplc Brkr X915	35,928.48	10,506.05			
57	Electric Transmission	ELR - Breakers - SPS	A.0000640.117	Plant X, Rplc Brkr X915	454,488.65	132,899.57			
58	Electric Transmission	ELR - Breakers - SPS	A.0000640.122	Doss Breakers 6790 and 7890	22,233.60	6,501.45			
59	Electric Transmission	ELR - Breakers - SPS	A.0000640.122	Doss Breakers 6790 and 7890	601,328.70	175,837.89			
60	Electric Transmission	ELR - Breakers - SPS	A.0000640.124	Tolk TK47, Brkr Replc	75,360.74	22,036.66			
61	Electric Transmission	ELR - Breakers - SPS	A.0000640.124	Tolk TK47, Brkr Replc	953,299.49	278,759.64			
62	Electric Transmission	ELR - Breakers - SPS	A.0000640.125	Tolk TK05, Brkr Replc	61,517.22	17,988.59			
63	Electric Transmission	ELR - Breakers - SPS	A.0000640.125	Tolk TK05, Brkr Replc	778,181.44	227,552.39			
64	Electric Transmission	ELR - Breakers - SPS Total			12,030,656.77	3,517,951.68	The term "ELR" stands for End of Life Replacement. This project replaced circuit breakers that had reached the end of their useful life. This work was done at multiple substations as part of a multi-year program to replace breakers that are obsolete, for which parts are no longer available and require significant operations and maintenance spend to keep them in service.	SPS Zonal	SR
65	Electric Transmission	ELR - Relay - SPS	A.0000401.002	SPS ELR - Relays	53,137.61	15,538.27			
66	Electric Transmission	ELR - Relay - SPS	A.0000401.002	SPS ELR - Relays	672,181.00	196,556.21			
67	Electric Transmission	ELR - Relay - SPS	A.0000401.083	Graham T21 Relay/Bkr Upgrd	41,253.97	12,063.31			
68	Electric Transmission	ELR - Relay - SPS	A.0000401.083	Graham T21 Relay/Bkr Upgrd	467,547.36	136,718.14			
69	Electric Transmission	ELR - Relay - SPS	A.0000401.084	Grassland T21 Relay Upgrd	24,862.07	7,270.06			
70	Electric Transmission	ELR - Relay - SPS	A.0000401.084	Grassland T21 Relay Upgrd	334,175.93	97,718.26			
71	Electric Transmission	ELR - Relay - SPS	A.0000401.093	NE Hereford 69kV Bus Diff Relay	34,175.04	9,993.31			
72	Electric Transmission	ELR - Relay - SPS	A.0000401.093	NE Hereford 69kV Bus Diff Relay	432,307.89	126,413.57			
73	Electric Transmission	ELR - Relay - SPS	A.0000401.099	Sulphur Springs, T20 Relay Upgrade	9,725.05	2,843.76			
74	Electric Transmission	ELR - Relay - SPS	A.0000401.099	Sulphur Springs, T20 Relay Upgrade	355,981.36	104,094.50			
75	Electric Transmission	ELR - Relay - SPS	A.0000401.100	Seagraves Sub T20 Relay Upgrade	13,388.76	3,915.08			

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Transmission Capital Additions by Project Group for the Future Test Year Period of July 1, 2023, through June 30, 2024

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) Total Company	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) New Mexico	WBS Level 1 Project Group Description	Cost Recovery	Project Category
76	Electric Transmission	ELR - Relay - SPS	A.0000401.100	Seagraves Sub T20 Relay Upgrade	327,339.05	95,719.04			
77	Electric Transmission	ELR - Relay - SPS	A.0000401.107	FEC Clovis Sub, 115kV Bus Backup Re	48,972.43	14,320.30			
78	Electric Transmission	ELR - Relay - SPS	A.0000401.107	FEC Clovis Sub, 115kV Bus Backup Re	375,715.83	109,865.17			
79	Electric Transmission	ELR - Relay - SPS	A.0000401.108	Grapevine Sub, T50 Term Relay Replc	71,780.30	20,989.68			
80	Electric Transmission	ELR - Relay - SPS	A.0000401.108	Grapevine Sub, T50 Term Relay Replc	262,382.50	76,724.74			
81	Electric Transmission	ELR - Relay - SPS	A.0000401.109	Kirby Sub, T50 Term Relay Replcmnt	30,500.02	8,918.68			
82	Electric Transmission	ELR - Relay - SPS	A.0000401.109	Kirby Sub, T50 Term Relay Replcmnt	414,067.89	121,079.91			
83	Electric Transmission	ELR - Relay - SPS	A.0000401.110	Oasis Sub, K65 Term & Bus Relay Rpl	52,495.89	15,350.62			
84	Electric Transmission	ELR - Relay - SPS	A.0000401.110	Oasis Sub, K65 Term & Bus Relay Rpl	402,747.72	117,769.72			
85	Electric Transmission	ELR - Relay - SPS	A.0000401.111	Roswell Intg 69kV BBU Relay Rplcmnt	32,540.93	9,515.47			
86	Electric Transmission	ELR - Relay - SPS	A.0000401.111	Roswell Intg 69kV BBU Relay Rplcmnt	249,653.54	73,002.59			
87	Electric Transmission	ELR - Relay - SPS	A.0000401.112	Plant X Transfer Bus Relay Rplcmnts	36,043.80	10,539.77			
88	Electric Transmission	ELR - Relay - SPS	A.0000401.112	Plant X Transfer Bus Relay Rplcmnts	455,947.45	133,326.14			
89	Electric Transmission	ELR - Relay - SPS	A.0000401.113	Sulphur Springs Z46/Z85 BBU Rly Rpl	13,841.58	4,047.49			
90	Electric Transmission	ELR - Relay - SPS	A.0000401.113	Sulphur Springs Z46/Z85 BBU Rly Rpl	506,664.86	148,156.71			
91	Electric Transmission	ELR - Relay - SPS	A.0000401.114	Seagraves Sub Z87 Rly Upgrd-Bus Bck	24,436.81	7,145.70			
92	Electric Transmission	ELR - Relay - SPS	A.0000401.114	Seagraves Sub Z87 Rly Upgrd-Bus Bck	597,450.43	174,703.82			
93	Electric Transmission	ELR - Relay - SPS	A.0000401.115	Doss 69kV Bus Protect Relays	25,259.53	7,386.28			
94	Electric Transmission	ELR - Relay - SPS	A.0000401.115	Doss 69kV Bus Protect Relays	683,167.65	199,768.88			
95	Electric Transmission	ELR - Relay - SPS	A.0000401.116	Hansford 115kV Bus Protect Relays	22,960.68	6,714.06			
96	Electric Transmission	ELR - Relay - SPS	A.0000401.116	Hansford 115kV Bus Protect Relays	290,448.32	84,931.62			
97	Electric Transmission	ELR - Relay - SPS	A.0000401.117	Kirby Sub, T54 Term Relay Rplcmnt	49,231.52	14,396.06			
98	Electric Transmission	ELR - Relay - SPS	A.0000401.117	Kirby Sub, T54 Term Relay Rplcmnt	668,366.42	195,440.77			
99	Electric Transmission	ELR - Relay - SPS	A.0000401.118	Amarillo South T73 Relay Upgrade	26,173.82	7,653.63			
100	Electric Transmission	ELR - Relay - SPS	A.0000401.118	Amarillo South T73 Relay Upgrade	331,093.95	96,817.04			
101	Electric Transmission	ELR - Relay - SPS	A.0000401.119	South Georgia T73 Relay Upgrade	33,283.79	9,732.70			
102	Electric Transmission	ELR - Relay - SPS	A.0000401.119	South Georgia T73 Relay Upgrade	421,033.84	123,116.86			
103	Electric Transmission	ELR - Relay - SPS	A.0000401.121	Hereford So, Relay Upgrade	5,858.34	1,713.07			
104	Electric Transmission	ELR - Relay - SPS	A.0000401.121	Hereford So, Relay Upgrade	337,759.27	98,766.08			
105	Electric Transmission	ELR - Relay - SPS	A.0000401.122	Hereford Intg Relay Upgrades	80,936.49	23,667.09			
106	Electric Transmission	ELR - Relay - SPS	A.0000401.122	Hereford Intg Relay Upgrades	4,666,348.62	1,364,513.12			
107	Electric Transmission	ELR - Relay - SPS	A.0000401.129	Clovis Relay Upgrade, Term W32	100,140.01	29,282.50			
108	Electric Transmission	ELR - Relay - SPS	A.0000401.129	Clovis Relay Upgrade, Term W32	768,272.73	224,654.93			
109	Electric Transmission	ELR - Relay - SPS	A.0000401.135	Whitten Relay Upgrade, Term W27	58,818.74	17,199.52			
110	Electric Transmission	ELR - Relay - SPS	A.0000401.135	Whitten Relay Upgrade, Term W27	673,859.51	197,047.03			
111	Electric Transmission	ELR - Relay - SPS	A.0000401.136	Kirby 115kV Bus Replace Relays	50,137.98	14,661.13			
112	Electric Transmission	ELR - Relay - SPS	A.0000401.136	Kirby 115kV Bus Replace Relays	680,672.47	199,039.25			
113	Electric Transmission	ELR - Relay - SPS	A.0000401.138	Northwest Relay Upgrade, T36 Term	48,800.70	14,270.09			
114	Electric Transmission	ELR - Relay - SPS	A.0000401.138	Northwest Relay Upgrade, T36 Term	617,319.81	180,513.94			
115	Electric Transmission	ELR - Relay - SPS	A.0000401.139	Sunset 115kV Bus/T36 Term Rly Upgrd	38,138.90	11,152.41			
116	Electric Transmission	ELR - Relay - SPS	A.0000401.139	Sunset 115kV Bus/T36 Term Rly Upgrd	482,450.04	141,075.92			
117	Electric Transmission	ELR - Relay - SPS	A.0000401.141	Dallam 69kV Bus Protective Relays	43,239.66	12,643.95			
118	Electric Transmission	ELR - Relay - SPS	A.0000401.141	Dallam 69kV Bus Protective Relays	546,973.74	159,943.65			
119	Electric Transmission	ELR - Relay - SPS	A.0000401.143	Sunset Substation - Bus Diff Redund	38,110.62	11,144.14			
120	Electric Transmission	ELR - Relay - SPS	A.0000401.143	Sunset Substation - Bus Diff Redund	482,092.27	140,971.30			
121	Electric Transmission	ELR - Relay - SPS	A.0000401.148	Dallam Relay Upgrade, Term V64	44,857.21	13,116.95			
122	Electric Transmission	ELR - Relay - SPS	A.0000401.148	Dallam Relay Upgrade, Term V64	567,435.48	165,926.98			
123	Electric Transmission	ELR - Relay - SPS	A.0000401.149	Etter Rural Relay Upgrade, Term V64	47,653.47	13,934.62			
124	Electric Transmission	ELR - Relay - SPS	A.0000401.149	Etter Rural Relay Upgrade, Term V64	602,807.55	176,270.33			
125	Electric Transmission	ELR - Relay - SPS	A.0000401.152	Oil Center Relay Upgrade, Term W27	664.76	194.39			
126	Electric Transmission	ELR - Relay - SPS	A.0000401.152	Oil Center Relay Upgrade, Term W27	432,823.11	126,564.23			
127	Electric Transmission	ELR - Relay - SPS	A.0000401.153	Lea Road Wave Trap, W27 Term	32,970.02	9,640.95			
128	Electric Transmission	ELR - Relay - SPS	A.0000401.153	Lea Road Wave Trap, W27 Term	253,669.77	74,177.00			
129	Electric Transmission	ELR - Relay - SPS	A.0000401.154	Ward Wave Trap, Term W27	33,279.44	9,731.43			
130	Electric Transmission	ELR - Relay - SPS	A.0000401.154	Ward Wave Trap, Term W27	256,050.41	74,873.13			
131	Electric Transmission	ELR - Relay - SPS	A.0000401.156	Canon AFB Wave Trap, Term W32	34,418.63	10,064.54			
132	Electric Transmission	ELR - Relay - SPS	A.0000401.156	Canon AFB Wave Trap, Term W32	264,059.21	77,215.03			
133	Electric Transmission	ELR - Relay - SPS	A.0000401.157	West Clovis Wave Trap, Term W32	34,571.82	10,109.34			
134	Electric Transmission	ELR - Relay - SPS	A.0000401.157	West Clovis Wave Trap, Term W32	265,234.56	77,558.72			
135	Electric Transmission	ELR - Relay - SPS	A.0000401.158	Perimeter Relay Upgd, Term W32	72,779.31	21,281.81			
136	Electric Transmission	ELR - Relay - SPS	A.0000401.158	Perimeter Relay Upgd, Term W32	558,361.89	163,273.72			

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Transmission Capital Additions by Project Group for the Future Test Year Period of July 1, 2023, through June 30, 2024

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) Total Company	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) New Mexico	WBS Level 1 Project Group Description	Cost Recovery	Project Category
137	Electric Transmission	ELR - Relay - SPS Total			22,113,903.13	6,466,450.19	The term "ELR" stands for End of Life Replacement. This project replaced protective relays that had reached the end of their useful life. This work was done at several substations as part of a multi-year program to replace relays that are obsolete, for which parts are no longer available and require significant operations and maintenance spend to keep them in service.	SPS Zonal	SR
138	Electric Transmission	ELR - Transformers - SPS	A.0000822.012	Riverview Rplc XFMR TR03	94,751.72	27,706.88			
139	Electric Transmission	ELR - Transformers - SPS	A.0000822.012	Riverview Rplc XFMR TR03	3,635,917.27	1,063,198.92			
140	Electric Transmission	ELR - Transformers - SPS	A.0000822.013	Gaines Co Rplc XFMR TR02	112,455.00	32,883.60			
141	Electric Transmission	ELR - Transformers - SPS	A.0000822.013	Gaines Co Rplc XFMR TR02	1,839,043.36	537,764.96			
142	Electric Transmission	ELR - Transformers - SPS Total			5,682,167.35	1,661,554.36	The term "ELR" stands for End of Life Replacement. This project replaced transmission substation transformers that had reached the end of their useful life. This work was done at multiple substations as part of a multi-year program to replace transmission transformers that are obsolete, for which parts are no longer available and require significant operations and maintenance spend to keep them in service.	SPS Zonal	SR
143	Electric Transmission	ELR RFL9300 Relays	A.0001219.002	T46 DALLAM CO ELR RFL9300 SPS TX	26,501.11	7,749.34			
144	Electric Transmission	ELR RFL9300 Relays	A.0001219.002	T46 DALLAM CO ELR RFL9300 SPS TX	354,548.12	103,675.40			
145	Electric Transmission	ELR RFL9300 Relays	A.0001219.007	T46 DALHART ELR RFL9300 SPS TX	7,252.29	2,120.68			
146	Electric Transmission	ELR RFL9300 Relays	A.0001219.007	T46 DALHART ELR RFL9300 SPS TX	371,077.85	108,508.95			
147	Electric Transmission	ELR RFL9300 Relays	A.0001219.012	Z45 DALHART ELR RFL9300 SPS TX	7,050.71	2,061.74			
148	Electric Transmission	ELR RFL9300 Relays	A.0001219.012	Z45 DALHART ELR RFL9300 SPS TX	360,763.67	105,492.92			
149	Electric Transmission	ELR RFL9300 Relays	A.0001219.015	Z45 DALLAM CO ELR RFL9300 SPS TX	25,514.46	7,460.83			
150	Electric Transmission	ELR RFL9300 Relays	A.0001219.015	Z45 DALLAM CO ELR RFL9300 SPS TX	341,348.05	99,815.49			
151	Electric Transmission	ELR RFL9300 Relays	A.0001219.018	Z67 BLACKHAWK INTG ELR RFL9300 SPS	20,959.03	6,128.75			
152	Electric Transmission	ELR RFL9300 Relays	A.0001219.018	Z67 BLACKHAWK INTG ELR RFL9300 SPS	291,025.17	85,100.30			
153	Electric Transmission	ELR RFL9300 Relays	A.0001219.038	Z67 Phillips 1 69kV ELR RFL9300 SPS	1,696.06	495.95			
154	Electric Transmission	ELR RFL9300 Relays	A.0001219.038	Z67 Phillips 1 69kV ELR RFL9300 SPS	354,907.39	103,780.46			
155	Electric Transmission	ELR RFL9300 Relays	A.0001219.039	Z68 Blackhawk 69kV ELR RFL9300 SPS	22,587.61	6,604.97			
156	Electric Transmission	ELR RFL9300 Relays	A.0001219.039	Z68 Blackhawk 69kV ELR RFL9300 SPS	313,638.85	91,712.89			
157	Electric Transmission	ELR RFL9300 Relays	A.0001219.040	Z68 Phillips #2 69kV ELR RFL9300 SP	232,917.34	68,108.66			
158	Electric Transmission	ELR RFL9300 Relays	A.0001219.040	Z68 Phillips #2 69kV ELR RFL9300 SP	103,865.19	30,371.80			
159	Electric Transmission	ELR RFL9300 Relays Total			2,835,652.90	829,189.14	The term "ELR" stands for End of Life Replacement. This project replaced the RFL-9300 relay systems with new SEL-411L line current differential relay systems. The RFL-9300 hardware is obsolete and its electrical components are failing at an increasing rate. The manufacturer no longer supports this relay system and spare parts are not available. The new relay system provides high-speed tripping and faster backup tripping which eliminates the problems associated with long trip times on backup relaying when the RFL-9300 systems fail. This work was done at several transmission substations as part of a multi-year program.	SPS Zonal	SR
160	Electric Transmission	Fault Recorders - SPS	A.0000556.033	Seminole - DFR	38,957.56	11,391.80			
161	Electric Transmission	Fault Recorders - SPS	A.0000556.033	Seminole - DFR	492,805.92	144,104.14			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) Total Company	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) New Mexico	WBS Level 1 Project Group Description	Cost Recovery	Project Category
162	Electric Transmission	Fault Recorders - SPS Total			531,763.48	155,495.94	This project installed fault recorders for disturbance monitoring at substations.	SPS Zonal	OT
163	Electric Transmission	IA Tariff Fund	A.0000076.004	IA Tariff Fund SPS	3,982.39	1,164.51			
164	Electric Transmission	IA Tariff Fund	A.0000076.004	IA Tariff Fund SPS	346,406.19	101,294.57			
165	Electric Transmission	IA Tariff Fund	A.0000076.004	IA Tariff Fund SPS	151,933.64	44,427.76			
166	Electric Transmission	IA Tariff Fund	A.0000076.004	IA Tariff Fund SPS	3.92	1.15			
167	Electric Transmission	IA Tariff Fund Total			502,326.14	146,888.00	This project funded the construction of new generation and load delivery points that arose throughout the period.	SPS Zonal	GI/LI
168	Electric Transmission	Legacy Robertson Conversion	A.0001396.004	Legacy Sub TAM	180.12	52.67			
169	Electric Transmission	Legacy Robertson Conversion	A.0001396.004	Legacy Sub TAM	7,201.48	2,105.82			
170	Electric Transmission	Legacy Robertson Conversion Total			7,381.60	2,158.49	This project installed approximately 7 miles of new 69-kV line from SPS's Legacy Substation to XTO's Robertson substation. The project also installed a circuit breaker and associated equipment at Legacy Substation. These new facilities provide service to new customer load. The customer paid for a portion of this project.	SPS Zonal/Customer Funded	LI
171	Electric Transmission	Line ELR SPS	A.0000499.004	Line ELR SPS Line	23,714.70	6,934.55			
172	Electric Transmission	Line ELR SPS	A.0000499.004	Line ELR SPS Line	2,062,809.16	603,197.57			
173	Electric Transmission	Line ELR SPS	A.0000499.004	Line ELR SPS Line	904,747.39	264,562.25			
174	Electric Transmission	Line ELR SPS	A.0000499.004	Line ELR SPS Line	23.37	6.83			
175	Electric Transmission	Line ELR SPS	A.0000499.095	Y59 LINE ELR	1,601.36	468.26			
176	Electric Transmission	Line ELR SPS	A.0000499.095	Y59 LINE ELR	746,204.83	218,201.93			
177	Electric Transmission	Line ELR SPS	A.0000499.095	Y59 LINE ELR	278,880.09	81,548.89			
178	Electric Transmission	Line ELR SPS	A.0000499.095	Y59 LINE ELR	3,159.28	923.82			
179	Electric Transmission	Line ELR SPS	A.0000499.098	V12 LINE ELR	4,619.51	1,350.82			
180	Electric Transmission	Line ELR SPS	A.0000499.098	V12 LINE ELR	401,825.62	117,500.08			
181	Electric Transmission	Line ELR SPS	A.0000499.098	V12 LINE ELR	176,240.58	51,535.49			
182	Electric Transmission	Line ELR SPS	A.0000499.098	V12 LINE ELR	4.55	1.33			
183	Electric Transmission	Line ELR SPS	A.0000499.099	U19 LINE ELR	6,478.67	1,894.46			
184	Electric Transmission	Line ELR SPS	A.0000499.099	U19 LINE ELR	563,543.48	164,788.90			
185	Electric Transmission	Line ELR SPS	A.0000499.099	U19 LINE ELR	247,169.98	72,276.36			
186	Electric Transmission	Line ELR SPS	A.0000499.099	U19 LINE ELR	6.38	1.87			
187	Electric Transmission	Line ELR SPS	A.0000499.103	T27 LINE ELR	8,868.88	2,593.40			
188	Electric Transmission	Line ELR SPS	A.0000499.103	T27 LINE ELR	771,454.14	225,585.22			
189	Electric Transmission	Line ELR SPS	A.0000499.103	T27 LINE ELR	338,359.52	98,941.60			
190	Electric Transmission	Line ELR SPS	A.0000499.103	T27 LINE ELR	8.74	2.56			
191	Electric Transmission	Line ELR SPS	A.0000499.114	W27 LINE ELR	931,275.68	272,319.53			
192	Electric Transmission	Line ELR SPS	A.0000499.114	W27 LINE ELR	33,962.58	9,931.19			
193	Electric Transmission	Line ELR SPS	A.0000499.120	K06 Static Replace	29,334.48	8,577.86			
194	Electric Transmission	Line ELR SPS	A.0000499.120	K06 Static Replace	2,505,209.97	732,562.47			
195	Electric Transmission	Line ELR SPS	A.0000499.120	K06 Static Replace	879,453.33	257,165.87			
196	Electric Transmission	Line ELR SPS	A.0000499.126	Z69 LINE ELR	62.43	18.25			
197	Electric Transmission	Line ELR SPS	A.0000499.126	Z69 LINE ELR	29,090.26	8,506.45			
198	Electric Transmission	Line ELR SPS	A.0000499.126	Z69 LINE ELR	10,871.94	3,179.12			
199	Electric Transmission	Line ELR SPS	A.0000499.126	Z69 LINE ELR	123.16	36.01			

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Transmission Capital Additions by Project Group for the Future Test Year Period of July 1, 2023, through June 30, 2024

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) Total Company	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) New Mexico	WBS Level 1 Project Group Description	Cost Recovery	Project Category
200	Electric Transmission	Line ELR SPS Total			10,959,104.08	3,204,612.96	The term "ELR" stands for End of Life Replacement. This project replaced capital transmission line components that showed signs of deterioration and where failure was likely, such as wood poles and crossarms, that were identified by line inspections. Work in this ELR group included emergent work, planned usually 12 to 18 months in advance of the work being performed. This work was done on several transmission lines as part of a multi-year program to replace capital property units on a like-for-like basis and return the transmission lines to overall good health.	SPS Zonal	SR
201	Electric Transmission	NERC TPL Relay Improvements	A.0001059.008	Lubbock S 6K75 Relay Upgrade	51,561.75	15,077.46			
202	Electric Transmission	NERC TPL Relay Improvements	A.0001059.008	Lubbock S 6K75 Relay Upgrade	2,018,692.69	590,297.23			
203	Electric Transmission	NERC TPL Relay Improvements	A.0001059.012	Lubbock South 6K10, NERC Brkr Rplc	38,533.96	11,267.93			
204	Electric Transmission	NERC TPL Relay Improvements	A.0001059.012	Lubbock South 6K10, NERC Brkr Rplc	487,447.44	142,537.23			
205	Electric Transmission	NERC TPL Relay Improvements	A.0001059.013	Lubbock South 6K75, NERC Brkr Rplc	35,836.58	10,479.18			
206	Electric Transmission	NERC TPL Relay Improvements	A.0001059.013	Lubbock South 6K75, NERC Brkr Rplc	453,326.12	132,559.63			
207	Electric Transmission	NERC TPL Relay Improvements	A.0001059.014	Lubbock South 6945, NERC Brkr Rplc	35,836.58	10,479.18			
208	Electric Transmission	NERC TPL Relay Improvements	A.0001059.014	Lubbock South 6945, NERC Brkr Rplc	453,326.12	132,559.63			
209	Electric Transmission	NERC TPL Relay Improvements	A.0001059.015	Potter County 2K40, NERC Brkr Rplc	35,836.58	10,479.18			
210	Electric Transmission	NERC TPL Relay Improvements	A.0001059.015	Potter County 2K40, NERC Brkr Rplc	453,326.12	132,559.63			
211	Electric Transmission	NERC TPL Relay Improvements	A.0001059.016	Potter County 2K45, NERC Brkr Rplc	35,836.58	10,479.18			
212	Electric Transmission	NERC TPL Relay Improvements	A.0001059.016	Potter County 2K45, NERC Brkr Rplc	453,326.12	132,559.63			
213	Electric Transmission	NERC TPL Relay Improvements Total			4,552,886.64	1,331,335.07	This project installed and replaced relays to comply with the North American Electric Reliability Corporation (NERC) Transmission Planning (TPL) standards at a number of identified substations.	SPS Zonal	RE
214	Electric Transmission	OPIE 3 DCP Roadrunner T2	A.0001763.003	Roadrunner 2nd DCP Trans Addition	148,392.55	43,392.30			
215	Electric Transmission	OPIE 3 DCP Roadrunner T2	A.0001763.003	Roadrunner 2nd DCP Trans Addition	1,488,078.71	435,137.43			
216	Electric Transmission	OPIE 3 DCP Roadrunner T2 Total			1,636,471.26	478,529.72	This project installed the 115-kV transmission substation components needed at the existing Roadrunner Substation to provide service to a second 50 MVA 115/23-kV distribution transformer. SPS Distribution requested a transmission delivery point to this new transformer.	SPS Zonal/Customer Funded	LI
217	Electric Transmission	OPIE 3 Magnum DCP Sub	A.0000424.295	V61 Line reterm, Magnum Sub	2,764.79	808.47			
218	Electric Transmission	OPIE 3 Magnum DCP Sub	A.0000424.295	V61 Line reterm, Magnum Sub	25.21	7.37			
219	Electric Transmission	OPIE 3 Magnum DCP Sub Total			2,790.00	815.84	This project installed a transmission tap from the existing 115-kV transmission line V-61 and the transmission substation components needed to provide service to the new Magnum distribution substation located northeast of Carlsbad, New Mexico. SPS Distribution requested a transmission delivery point to this new substation.	SPS Zonal/Customer Funded	LI
220	Electric Transmission	OPIE 3 Wood Draw DCP T2 Addition	A.0001793.005	Wood Draw DCP T2, TAM	53,844.37	15,744.93			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) Total Company	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) New Mexico	WBS Level 1 Project Group Description	Cost Recovery	Project Category
221	Electric Transmission	OPIE 3 Wood Draw DCP T2 Addition	A.0001793.005	Wood Draw DCP T2, TAM	622,892.33	182,143.43			
222	Electric Transmission	OPIE 3 Wood Draw DCP T2 Addition Total			676,736.70	197,888.37	This project installed the 115-kV transmission substation components needed at the existing Wood Draw Substation to provide service to a second 28 MVA 115/12.47-kV distribution transformer. SPS Distribution requested a transmission delivery point to this new transformer.	SPS Zonal/Customer Funded	LI
223	Electric Transmission	OPIE Phantom 2nd Xfmr Add, TAM	A.0000424.301	Phantom 2nd Xfmr Add, TAM	162,360.73	47,476.81			
224	Electric Transmission	OPIE Phantom 2nd Xfmr Add, TAM	A.0000424.301	Phantom 2nd Xfmr Add, TAM	715,029.06	209,085.65			
225	Electric Transmission	OPIE Phantom 2nd Xfmr Add, TAM Total			877,389.79	256,562.46	This project installed the 115-kV transmission substation components needed at the existing Phantom Substation to provide service to a 50 MVA 115/23-kV distribution transformer. SPS Distribution requested a new transmission delivery point to this new transformer.	SPS Zonal/Customer Funded	LI
226	Electric Transmission	Owens Corning Cap Bank Rplmt	A.0001242.001	Owens Corning Cap Bank Rplmt	646.54	189.06			
227	Electric Transmission	Owens Corning Cap Bank Rplmt	A.0001242.001	Owens Corning Cap Bank Rplmt	27,253.46	7,969.34			
228	Electric Transmission	Owens Corning Cap Bank Rplmt Total			27,900.00	8,158.40	This project replaced the 115-kV capacitor bank at the Owens Corning Substation that was at the end of its useful life. The protection scheme on this capacitor bank is no longer supported by the manufacturer, parts are no longer available, and has a history of not being reliable. The capacitor bank itself was also at the end of its useful life.	SPS Zonal	SR
229	Electric Transmission	Phillips 66 WRB South	A.0001739.004	Phillips WRB South, Sub TOIF	(141,340.61)	(41,330.20)			
230	Electric Transmission	Phillips 66 WRB South	A.0001739.004	Phillips WRB South, Sub TOIF	(1,701,409.39)	(497,518.64)			
231	Electric Transmission	Phillips 66 WRB South Total			(1,842,750.00)	(538,848.84)	This project installed a new switching station to provide the customer with two 115-kV sources to their new WRB Substation. The customer requested new 115-kV service at this location to facilitate adding substantial new load. To provide the requested capacity and reliability, the existing 115-kV transmission line T49 (Blackhawk-Pringle) was routed into and out of the new SPS switching station and 115-kV transmission line T48 (also Blackhawk-Pringle) was routed around the new switching station. The customer will pay for most of the costs associated with this new switching station.	SPS Zonal/Customer Funded	LI
232	Electric Transmission	Physical Security	A.0000710.001	NM Physical Security Sub Infrastruc	802.92	234.79			
233	Electric Transmission	Physical Security	A.0000710.003	SPS Physical Security Sub Infrastru	5,461,759.52	1,597,103.67			

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Transmission Capital Additions by Project Group for the Future Test Year Period of July 1, 2023, through June 30, 2024

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) Total Company	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) New Mexico	WBS Level 1 Project Group Description	Cost Recovery	Project Category
234	Electric Transmission	Physical Security Total			5,462,562.44	1,597,338.46	This project installed Physical Security Upgrades affecting SPS substation protection with specific work varying by substation location, current layout, and threat history. Typical security measures included the installation of equipment such as cameras and motion sensors at substations.	SPS Zonal	OT
235	Electric Transmission	Riverview Cap Bank Replacement	A.0001771.001	Riverview Cap Bank Replacement	23,742.56	6,942.69			
236	Electric Transmission	Riverview Cap Bank Replacement	A.0001771.001	Riverview Cap Bank Replacement	911,075.48	266,412.68			
237	Electric Transmission	Riverview Cap Bank Replacement Total			934,818.04	273,355.38	This project replaced the failed 14.4 MVAR capacitor bank at Riverview Substation.	SPS Zonal	SR
238	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	6,298,398.60	1,841,749.99			
239	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	966,578.51	282,642.63			
240	Electric Transmission	S&E - SPS Line Total			7,264,977.11	2,124,392.62	These projects provided for the storm and emergency work orders for the replacement or capital repair of transmission line facilities damaged by inclement weather or natural disasters.	SPS Zonal	SR
241	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	75,934.49	22,204.43			
242	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	855,060.75	250,033.10			
243	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	32,734.72	9,572.14			
244	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	818,192.09	239,252.13			
245	Electric Transmission	S&E - SPS Sub	A.0000220.031	SPS OK S&E Sub	5.63	1.65			
246	Electric Transmission	S&E - SPS Sub	A.0000220.031	SPS OK S&E Sub	717.29	209.75			
247	Electric Transmission	S&E - SPS Sub Total			1,782,644.97	521,273.19	These projects provided for the storm and emergency work orders that repaired substation facilities damaged by inclement weather and natural disasters.	SPS Zonal	SR
248	Electric Transmission	SPS Facility Rating Mitigation	A.0001041.011	Plant X 230kV LIDAR	3,588.06	1,049.20			
249	Electric Transmission	SPS Facility Rating Mitigation	A.0001041.011	Plant X 230kV LIDAR	45,388.25	13,272.23			
250	Electric Transmission	SPS Facility Rating Mitigation Total			48,976.31	14,321.44	This project upgraded the terminal equipment at various substations so that their ratings match or exceed the ratings of the terminal's associated transmission line. This project was needed to prevent the operational issues caused when the loading on these substation terminals exceeded their rating, requiring the transmission system to be reconfigured to shift load to other transmission lines. This caused sub-optimal operation of the transmission system and increased costs to deliver energy to customers.	SPS Zonal	RE
251	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.001	SPS Trans Switch Replmnt Line	630.58	184.39			
252	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.001	SPS Trans Switch Replmnt Line	293,838.90	85,923.08			
253	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.001	SPS Trans Switch Replmnt Line	109,816.79	32,112.14			
254	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.001	SPS Trans Switch Replmnt Line	1,244.05	363.78			
255	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.026	Y60 Rplc and Relocate SW 2750	324.84	94.99			
256	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.026	Y60 Rplc and Relocate SW 2750	151,370.11	44,262.98			
257	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.026	Y60 Rplc and Relocate SW 2750	56,571.75	16,542.46			
258	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.026	Y60 Rplc and Relocate SW 2750	640.87	187.40			
259	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.031	W35 Oxy West Tap, SW Install	388.32	113.55			
260	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.031	W35 Oxy West Tap, SW Install	33,777.68	9,877.12			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) Total Company	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) New Mexico	WBS Level 1 Project Group Description	Cost Recovery	Project Category
261	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.031	W35 Oxy West Tap, SW Install	14,814.88	4,332.10			
262	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.031	W35 Oxy West Tap, SW Install	0.38	0.11			
263	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.032	W98 Lakewood Tap, SW Install	185.38	54.21			
264	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.032	W98 Lakewood Tap, SW Install	32,809.46	9,594.00			
265	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.032	W98 Lakewood Tap, SW Install	15,781.12	4,614.64			
266	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.032	W98 Lakewood Tap, SW Install	3.21	0.94			
267	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.033	T62 Cone Butte, SW Install	186.15	54.43			
268	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.033	T62 Cone Butte, SW Install	32,945.39	9,633.75			
269	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.033	T62 Cone Butte, SW Install	15,846.50	4,633.76			
270	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.033	T62 Cone Butte, SW Install	3.22	0.94			
271	Electric Transmission	SPS Group 1 Switch Replacements Total			761,179.58	222,580.78	These projects replaced old high-maintenance or broken switches with new switches.	SPS Zonal	SR
272	Electric Transmission	SPS Line Capacity	A.0000427.001	SPS Line Capacity Line	9.05	2.65			
273	Electric Transmission	SPS Line Capacity	A.0000427.001	SPS Line Capacity Line	787.47	230.27			
274	Electric Transmission	SPS Line Capacity	A.0000427.001	SPS Line Capacity Line	345.39	101.00			
275	Electric Transmission	SPS Line Capacity	A.0000427.001	SPS Line Capacity Line	0.01	0.00			
276	Electric Transmission	SPS Line Capacity	A.0000427.022	U38 STR Raise	59.06	17.27			
277	Electric Transmission	SPS Line Capacity	A.0000427.022	U38 STR Raise	10,452.60	3,056.50			
278	Electric Transmission	SPS Line Capacity	A.0000427.022	U38 STR Raise	5,027.63	1,470.16			
279	Electric Transmission	SPS Line Capacity	A.0000427.022	U38 STR Raise	1.02	0.30			
280	Electric Transmission	SPS Line Capacity Total			16,682.23	4,878.14	This project surveyed and verified the line ratings of the SPS transmission system for lines above 100-kV. This project is a required response to a North American Electric Reliability Corporation ("NERC") Facility Ratings Alert, issued October 7, 2010 and updated on November 30, 2010, requiring transmission owners to verify that transmission line ratings are based on actual field conditions and, if not, perform necessary activities to base ratings on actual field conditions. The survey was done using Light Detection And Ranging ("LiDAR") technology that uses a laser to make highly accurate distance measurements. This project provided for the survey work and any mitigations that were needed to raise the facility capacity ratings if the field results were less than expected.	SPS Zonal	SR
281	Electric Transmission	SPS Major Line Rebuilds	A.0000538.021	SPS Major Line Rebuild TX 115kV	22,141.80	6,474.61			
282	Electric Transmission	SPS Major Line Rebuilds	A.0000538.021	SPS Major Line Rebuild TX 115kV	1,925,991.22	563,189.87			
283	Electric Transmission	SPS Major Line Rebuilds	A.0000538.021	SPS Major Line Rebuild TX 115kV	844,739.09	247,014.89			
284	Electric Transmission	SPS Major Line Rebuilds	A.0000538.021	SPS Major Line Rebuild TX 115kV	21.82	6.38			
285	Electric Transmission	SPS Major Line Rebuilds	A.0000538.026	Z60 Line Rebuild PH-2	8,025.35	2,346.74			
286	Electric Transmission	SPS Major Line Rebuilds	A.0000538.026	Z60 Line Rebuild PH-2	3,739,663.42	1,093,535.91			
287	Electric Transmission	SPS Major Line Rebuilds	A.0000538.026	Z60 Line Rebuild PH-2	1,397,629.20	408,688.58			
288	Electric Transmission	SPS Major Line Rebuilds	A.0000538.026	Z60 Line Rebuild PH-2	15,832.96	4,629.80			
289	Electric Transmission	SPS Major Line Rebuilds	A.0000538.027	Z60 Line Rebuild PH-3	8,086.25	2,364.55			
290	Electric Transmission	SPS Major Line Rebuilds	A.0000538.027	Z60 Line Rebuild PH-3	3,768,044.03	1,101,834.84			
291	Electric Transmission	SPS Major Line Rebuilds	A.0000538.027	Z60 Line Rebuild PH-3	1,408,235.92	411,790.15			
292	Electric Transmission	SPS Major Line Rebuilds	A.0000538.027	Z60 Line Rebuild PH-3	15,953.11	4,664.94			
293	Electric Transmission	SPS Major Line Rebuilds	A.0000538.036	Z63 Line Rebuild PH-2	5,596.63	1,636.54			
294	Electric Transmission	SPS Major Line Rebuilds	A.0000538.036	Z63 Line Rebuild PH-2	2,607,923.87	762,597.62			
295	Electric Transmission	SPS Major Line Rebuilds	A.0000538.036	Z63 Line Rebuild PH-2	974,662.73	285,006.58			
296	Electric Transmission	SPS Major Line Rebuilds	A.0000538.036	Z63 Line Rebuild PH-2	11,041.41	3,228.68			
297	Electric Transmission	SPS Major Line Rebuilds	A.0000538.037	Z83 Line Rebuild	4,383,133.49	1,281,696.60			

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Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) Total Company	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) New Mexico	WBS Level 1 Project Group Description	Cost Recovery	Project Category
298	Electric Transmission	SPS Major Line Rebuilds	A.0000538.037	Z83 Line Rebuild	975,455.91	285,238.52			
299	Electric Transmission	SPS Major Line Rebuilds Total			22,112,178.19	6,465,945.79	This project group provides funding for major transmission line rebuild projects, which include replacing substantial amounts of conductor and/or a substantial number of structures on an existing line or replacing sections or all of an existing transmission line. These transmission line rebuild projects address transmission lines that have a history of poor reliability performance because of line age and conditions issues, and lines composed of conductor and/or structures that are near the end of their useful lives.	SPS Zonal	SR
300	Electric Transmission	SPS Major Line Refurbishment	A.0000469.006	SPS Major Line Refurb230kVTX	4.82	1.41			
301	Electric Transmission	SPS Major Line Refurbishment	A.0000469.006	SPS Major Line Refurb230kVTX	411.44	120.31			
302	Electric Transmission	SPS Major Line Refurbishment	A.0000469.006	SPS Major Line Refurb230kVTX	144.44	42.24			
303	Electric Transmission	SPS Major Line Refurbishment Total			560.70	163.96	This project funded major transmission line refurbishments which included projects with a large quantity of end of life replacements of transmission line components, predominantly wood crossarm and wood pole/structure replacements. These components were identified as showing signs of deterioration where failure was likely during a minor or major storm. Major line refurbishment projects also include any major projects that do not involve complete rebuilds of sections of lines, including reconductor projects, re-insulation projects, complete structure replacements (without reconductoring), and so forth. This work was done on multiple transmission lines as part of a multi-year program.	SPS Zonal	SR
304	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.026	East Plant 115kV SPE Relay UPG	76,055.31	22,239.76			
305	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.026	East Plant 115kV SPE Relay UPG	962,085.56	281,328.82			
306	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.029	Moore Co 115kV SPE Relay UPGS TX	150,563.72	44,027.18			
307	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.029	Moore Co 115kV SPE Relay UPGS TX	3,427,833.15	1,002,351.88			
308	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.066	Blackhawk Intg SPE Relay UPGS TX	68,264.36	19,961.56			
309	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.066	Blackhawk Intg SPE Relay UPGS TX	863,531.59	252,510.10			
310	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.081	Dallam SPE Relay UPGS TX	38,051.04	11,126.72			
311	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.081	Dallam SPE Relay UPGS TX	481,338.63	140,750.92			
312	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.083	Osage SPE Relay UPGS TX	72,624.50	21,236.54			
313	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.083	Osage SPE Relay UPGS TX	918,686.47	268,638.25			
314	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.088	Grapevine SPE Relay UPGS TX	57,147.92	16,710.94			
315	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.088	Grapevine SPE Relay UPGS TX	722,910.65	211,390.35			
316	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.089	Gaines Co 115kV Bus Diff	27,048.62	7,909.44			
317	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.089	Gaines Co 115kV Bus Diff	442,342.04	129,347.71			
318	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.098	Grassland SPE Relay UPGS TX	57,454.35	16,800.55			
319	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.098	Grassland SPE Relay UPGS TX	726,786.97	212,523.84			
320	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.118	Oasis SPE Relay Rplcmnts	217,827.10	63,696.04			
321	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.118	Oasis SPE Relay Rplcmnts	1,671,166.50	488,675.15			
322	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.119	Etter Rural SPE Relay Rplcmnts	29,505.71	8,627.93			
323	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.119	Etter Rural SPE Relay Rplcmnts	373,241.78	109,141.72			
324	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.122	PCA SPE Relay Rplcmnts	79,694.66	23,303.96			
325	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.122	PCA SPE Relay Rplcmnts	611,416.36	178,787.68			
326	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.123	Seven Rivers SPE Relay Rplcmnts	68,842.21	20,130.54			

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Transmission Capital Additions by Project Group for the Future Test Year Period of July 1, 2023, through June 30, 2024

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) Total Company	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) New Mexico	WBS Level 1 Project Group Description	Cost Recovery	Project Category
327	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.123	Seven Rivers SPE Relay Rplcmts	528,156.51	154,441.20			
328	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts Total			12,672,575.71	3,705,658.79	This project replaced existing protective relaying systems to eliminate long clearing times inherent in these existing relaying systems. Replacement of these relaying systems addresses the compliance requirements of NERC TPL-001-4 and will eliminate the long clearing times, increasing the reliability of the system, increasing crew safety during hot line clearances, and preventing possible damage to equipment.	SPS Zonal	RE
329	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.001	SPS Sub Comm Network Group 2 L	422,883.52	123,657.74			
330	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.001	SPS Sub Comm Network Group 2 L	11,802,128.74	3,451,126.52			
331	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.031	V62 Fiber, Line	12,166.29	3,557.61			
332	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.031	V62 Fiber, Line	1,058,277.59	309,456.87			
333	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.031	V62 Fiber, Line	464,160.19	135,727.68			
334	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.031	V62 Fiber, Line	11.99	3.51			
335	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.033	V40 Fiber, Line	2,624.84	767.54			
336	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.033	V40 Fiber, Line	228,320.36	66,764.43			
337	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.033	V40 Fiber, Line	100,141.23	29,282.86			
338	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.033	V40 Fiber, Line	2.59	0.76			
339	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.074	T59 TX Fiber, Line	10,261.98	3,000.76			
340	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.074	T59 TX Fiber, Line	892,632.19	261,019.58			
341	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.074	T59 TX Fiber, Line	391,508.18	114,483.10			
342	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.074	T59 TX Fiber, Line	10.11	2.96			
343	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.075	T59 CUCO - SL Fiber, Line	3,304.39	966.26			
344	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.075	T59 CUCO - SL Fiber, Line	584,817.14	171,009.65			
345	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.075	T59 CUCO - SL Fiber, Line	281,292.86	82,254.42			
346	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.075	T59 CUCO - SL Fiber, Line	57.24	16.74			
347	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.077	K27 Fiber, Line	9,751.91	2,851.61			
348	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.077	K27 Fiber, Line	832,828.43	243,532.02			
349	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.077	K27 Fiber, Line	292,364.21	85,491.86			
350	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.128	K10 Frankford ? LBSO, Line	662,604.07	193,755.77			
351	Electric Transmission	SPS Sub Communication Network Group 2	A.0000863.128	K10 Frankford ? LBSO, Line	564,765.03	165,146.10			
352	Electric Transmission	SPS Sub Communication Network Group 2 Total			18,616,915.07	5,443,876.34	These projects provided for the construction of a fiber optics communication infrastructure within the SPS region. This second leg is the continuation of a multi-year effort in the Amarillo area for installing Optical Ground Wire ("OPGW") in the static position on selected transmission lines to create a redundant fiber optic communication ring with access to the Amarillo Transmission Operations Center. This ring provides redundant protection paths for the line sections on which the OPGW is installed as well as provides redundant paths for the Supervisory Control And Data Acquisition ("SCADA") system.	SPS Zonal	OT
353	Electric Transmission	SPS Switch Replace	A.0000514.009	SPS Sub Switch Replacement	82.14	24.02			
354	Electric Transmission	SPS Switch Replace	A.0000514.009	SPS Sub Switch Replacement	1,039.08	303.84			
355	Electric Transmission	SPS Switch Replace	A.0000514.012	Hobbs Generation SW 4R226	30,456.67	8,906.00			
356	Electric Transmission	SPS Switch Replace	A.0000514.012	Hobbs Generation SW 4R226	233,663.11	68,326.74			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) Total Company	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) New Mexico	WBS Level 1 Project Group Description	Cost Recovery	Project Category
357	Electric Transmission	SPS Switch Replace Total			265,241.00	77,560.61	This project replaced switches with cap and pin insulators because these cap and pin insulators have a long history of high failure rates. The new switches installed use a better design of insulator and will provide much improved reliability over the switches they replaced.	SPS Zonal	SR
358	Electric Transmission	Tip Top Solar	A.0001480.001	Tip Top Solar, RR Term TOIF	(49,802.83)	(14,563.12)			
359	Electric Transmission	Tip Top Solar	A.0001480.001	Tip Top Solar, RR Term TOIF	(399,629.17)	(116,857.80)			
360	Electric Transmission	Tip Top Solar	A.0001480.002	Tip Top Solar, RR Term, Sub	(52,936.09)	(15,479.34)			
361	Electric Transmission	Tip Top Solar	A.0001480.002	Tip Top Solar, RR Term, Sub	(406,124.91)	(118,757.26)			
362	Electric Transmission	Tip Top Solar Total			(908,493.00)	(265,657.52)	This project constructed a new 115-kV terminal at Roadrunner Substation to interconnect a new solar farm to the transmission system.	Customer Funded	GI
363	Electric Transmission	Twist Substation	A.0001817.001	Twist Substation	1,483,967.16	433,935.14			
364	Electric Transmission	Twist Substation	A.0001817.001	Twist Substation	18,771,910.27	5,489,199.35			
365	Electric Transmission	Twist Substation Total			20,255,877.43	5,923,134.50	This project installed the Twist Substation that provided an in-and-out switching station connection between existing 115-kV transmission lines T-47 (Dalhart Substation to Moore County Substation) and V-64 (Etter Rural Substation to Dallam County Substation). The project included constructing the Twist four-position ring bus substation and two transmission lines approximately 3.8 miles in total length of transmission line to connect the transmission lines to the new Twist Substation. This project was needed to meet reliability criteria to allow the addition of additional Rita Blanca Electric Cooperative substations. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
366	Electric Transmission	TX PUC-HB4150	A.0001439.001	TX PUC-HB4150	14,528.33	4,248.31			
367	Electric Transmission	TX PUC-HB4150	A.0001439.001	TX PUC-HB4150	6,769,932.58	1,979,633.88			
368	Electric Transmission	TX PUC-HB4150	A.0001439.001	TX PUC-HB4150	2,530,135.57	739,851.10			
369	Electric Transmission	TX PUC-HB4150	A.0001439.001	TX PUC-HB4150	28,662.49	8,381.36			
370	Electric Transmission	TX PUC-HB4150 Total			9,343,258.96	2,732,114.65	This project funds the inspection and mitigation of SPS's 69-kV transmission lines to provide compliance to the Texas law that originated from House Bill 4150. This law requires utilities to periodically inspect transmission lines for vertical ground clearance in accordance with National Electrical Safety Code standards. Mitigations included in this project are typically the replacement of transmission structures to provide the needed additional ground clearance to meet code.	SPS Zonal	SR
371	Electric Transmission	V15 STEA-INDN	A.0001733.001	V15 STEA-INDN, Line	1,178,356.48	344,569.81			
372	Electric Transmission	V15 STEA-INDN	A.0001733.001	V15 STEA-INDN, Line	415,749.29	121,571.58			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) Total Company	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) New Mexico	WBS Level 1 Project Group Description	Cost Recovery	Project Category
373	Electric Transmission	V15 STEA-INDN Total			1,594,105.77	466,141.39	This project was phase four of four of a complete wreck out and rebuild of approximately 19 miles of the double circuit line consisting of the 115-kV line V-15 and the 69-kV line Y-84. These circuits had substantial reliability issues caused by the age and condition of these facilities. This project rebuilt approximately 1.5 miles of existing single-circuit V-15 line from the Stanton Substation to the Indiana Substation.	SPS Zonal	SR
374	Electric Transmission Total				\$166,236,007.46	\$48,610,001.39			
375	Electric General - Software	OT Cyber Security SPS	A.0001459.002	Asset Management Software TX	675,746.38	237,917.55			
376	Electric General - Software	OT Cyber Security SPS Total			675,746.38	237,917.55	This project improved the Operational Technology ("OT") cybersecurity at 163 SPS substations. OT cybersecurity references the software, hardware, practices, personnel, and services deployed to protect operational technology infrastructure, people, and data. A SEL RTAC device was installed at each substation to monitor and log the OT network and to provide this information to the Cyber Defense Center's centralized management platform for consolidating, monitoring, and logging data. This project addressed the identified areas of improvement needed to ensure that the OT cybersecurity program at SPS meets industry standard compliance requirements.	SPS Zonal	OT
377	Electric General - Software Total				\$675,746.38	\$237,917.55			
378	Electric General	ELR - Relay - SPS	A.0000401.151	Hereford Intg, COMM	382,844.91	134,792.47			
379	Electric General	ELR - Relay - SPS Total			382,844.91	134,792.47	The term "ELR" stands for End of Life Replacement. This project replaced protective relays that had reached the end of their useful life. This work was done at several substations as part of a multi-year program to replace relays that are obsolete, for which parts are no longer available and require significant operations and maintenance spend to keep them in service.	SPS Zonal	SR
380	Electric General	Fault Recorders - SPS	A.0000556.025	Eddy Co HVDC - DFR	(6.11)	(2.15)			
381	Electric General	Fault Recorders - SPS Total			(6.11)	(2.15)	This project installed fault recorders for disturbance monitoring at substations.	SPS Zonal	OT
382	Electric General	General Furniture	A.0005014.084	New Mexico Substation Furnitur	200.00	70.42			
383	Electric General	General Furniture Total			200.00	70.42	This project purchased furniture, typically a desk and chairs, for control houses located in transmission substations.	SPS Zonal	OT
384	Electric General	OT Cyber Security SPS	A.0001459.029	A.0001459.029 Cochran OT Cyber	70,366.09	24,774.57			
385	Electric General	OT Cyber Security SPS	A.0001459.032	A.0001459.032 Cox OT Cyber	70,366.09	24,774.57			
386	Electric General	OT Cyber Security SPS	A.0001459.033	A.0001459.033 Crosby County OT Cyber	70,366.09	24,774.57			
387	Electric General	OT Cyber Security SPS	A.0001459.035	A.0001459.035 Cunningham OT Cyber	70,383.09	24,780.56			
388	Electric General	OT Cyber Security SPS	A.0001459.041	A.0001459.041 Denver City OT Cyber	70,382.19	24,780.24			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) Total Company	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) New Mexico	WBS Level 1 Project Group Description	Cost Recovery	Project Category
389	Electric General	OT Cyber Security SPS	A.0001459.042	A.0001459.042	Diamondback OT Cyber	70,366.09		24,774.57	
390	Electric General	OT Cyber Security SPS	A.0001459.057	A.0001459.057	Grassland OT Cyber	70,366.09		24,774.57	
391	Electric General	OT Cyber Security SPS	A.0001459.060	A.0001459.060	Hale County Intg OT Cyber	70,366.09		24,774.57	
392	Electric General	OT Cyber Security SPS	A.0001459.078	A.0001459.078	Chaves County OT Cyber	70,373.15		24,777.06	
393	Electric General	OT Cyber Security SPS	A.0001459.087	A.0001459.087	Ink Basin OT Cyber	70,382.19		24,780.24	
394	Electric General	OT Cyber Security SPS	A.0001459.088	A.0001459.088	Jal OT Cyber	70,383.09		24,780.56	
395	Electric General	OT Cyber Security SPS	A.0001459.094	A.0001459.094	Kiser OT CyberP10:P40	70,366.09		24,774.57	
396	Electric General	OT Cyber Security SPS	A.0001459.097	A.0001459.097	Lamton OT Cyber	70,366.09		24,774.57	
397	Electric General	OT Cyber Security SPS	A.0001459.099	A.0001459.099	Lea Co Plains Switching Station OT	70,379.46		24,779.28	
398	Electric General	OT Cyber Security SPS	A.0001459.103	A.0001459.103	Lopez OT Cyber	70,366.09		24,774.57	
399	Electric General	OT Cyber Security SPS	A.0001459.104	A.0001459.104	Lost Draw OT Cyber	70,383.09		24,780.56	
400	Electric General	OT Cyber Security SPS	A.0001459.105	A.0001459.105	Lubbock East OT Cyber	70,366.09		24,774.57	
401	Electric General	OT Cyber Security SPS	A.0001459.106	A.0001459.106	Lubbock South OT Cyber	70,366.09		24,774.57	
402	Electric General	OT Cyber Security SPS	A.0001459.107	A.0001459.107	Lynn OT Cyber	70,366.09		24,774.57	
403	Electric General	OT Cyber Security SPS	A.0001459.109	A.0001459.109	Mahoney OT Cyber	70,383.09		24,780.56	
404	Electric General	OT Cyber Security SPS	A.0001459.112	A.0001459.112	Murphy OT Cyber	70,366.09		24,774.57	
405	Electric General	OT Cyber Security SPS	A.0001459.113	A.0001459.113	Mustang OT Cyber	70,382.19		24,780.24	
406	Electric General	OT Cyber Security SPS	A.0001459.115	A.0001459.115	Needmore OT Cyber	70,373.15		24,777.06	
407	Electric General	OT Cyber Security SPS	A.0001459.116	A.0001459.116	NEF OT Cyber	70,383.09		24,780.56	
408	Electric General	OT Cyber Security SPS	A.0001459.121	A.0001459.121	Norton OT Cyber	85,103.74		29,963.42	
409	Electric General	OT Cyber Security SPS	A.0001459.122	A.0001459.122	Oasis OT Cyber	70,366.09		24,774.57	
410	Electric General	OT Cyber Security SPS	A.0001459.123	A.0001459.123	Ochiltree OT Cyber	70,366.09		24,774.57	
411	Electric General	OT Cyber Security SPS	A.0001459.130	A.0001459.130	Parmer OT Cyber	70,366.09		24,774.57	
412	Electric General	OT Cyber Security SPS	A.0001459.132	A.0001459.132	Pecos OT Cyber	70,383.09		24,780.56	
413	Electric General	OT Cyber Security SPS	A.0001459.133	A.0001459.133	Perimeter OT Cyber	70,366.09		24,774.57	
414	Electric General	OT Cyber Security SPS	A.0001459.136	A.0001459.136	Pleasant Hill OT Cyber	70,366.09		24,774.57	
415	Electric General	OT Cyber Security SPS	A.0001459.143	A.0001459.143	Quincy OT Cyber	70,373.15		24,777.06	
416	Electric General	OT Cyber Security SPS	A.0001459.144	A.0001459.144	Randall County OT Cyber	70,366.09		24,774.57	
417	Electric General	OT Cyber Security SPS	A.0001459.148	A.0001459.148	Rolling Hills OT Cyber	70,383.09		24,780.56	
418	Electric General	OT Cyber Security SPS	A.0001459.150	A.0001459.150	Roswell City OT Cyber	70,373.15		24,777.06	
419	Electric General	OT Cyber Security SPS	A.0001459.151	A.0001459.151	Roswell Intg OT Cyber	70,379.46		24,779.28	
420	Electric General	OT Cyber Security SPS	A.0001459.156	A.0001459.156	Seminole OT Cyber	70,382.19		24,780.24	
421	Electric General	OT Cyber Security SPS	A.0001459.157	A.0001459.157	Seven Rivers OT Cyber	70,383.09		24,780.56	
422	Electric General	OT Cyber Security SPS	A.0001459.158	A.0001459.158	Shell CO2 OT Cyber	70,383.09		24,780.56	
423	Electric General	OT Cyber Security SPS	A.0001459.160	A.0001459.160	Spearman Intg OT Cyber	70,366.09		24,774.57	
424	Electric General	OT Cyber Security SPS	A.0001459.161	A.0001459.161	Sulphur Springs OT Cyber	70,366.09		24,774.57	
425	Electric General	OT Cyber Security SPS	A.0001459.162	A.0001459.162	Sundown OT Cyber	70,366.09		24,774.57	
426	Electric General	OT Cyber Security SPS	A.0001459.165	A.0001459.165	Taylor OT Cyber	70,383.09		24,780.56	
427	Electric General	OT Cyber Security SPS	A.0001459.166	A.0001459.166	Terry County OT Cyber	70,366.09		24,774.57	
428	Electric General	OT Cyber Security SPS	A.0001459.170	A.0001459.170	West Hobbs OT Cyber	70,383.09		24,780.56	
429	Electric General	OT Cyber Security SPS	A.0001459.174	A.0001459.174	Wolforth OT Cyber	70,366.09		24,774.57	
430	Electric General	OT Cyber Security SPS	A.0001459.180	A.0001459.180	Artesia Country Club OT Cyber	70,383.09		24,780.56	
431	Electric General	OT Cyber Security SPS	A.0001459.182	A.0001459.182	Bensing OT Cyber	70,383.09		24,780.56	
432	Electric General	OT Cyber Security SPS	A.0001459.184	A.0001459.184	Campbell OT Cyber	70,366.09		24,774.57	
433	Electric General	OT Cyber Security SPS	A.0001459.186	A.0001459.186	Cirrus OT Cyber	70,366.09		24,774.57	
434	Electric General	OT Cyber Security SPS	A.0001459.188	A.0001459.188	Friona Rural OT Cyber	70,366.09		24,774.57	
435	Electric General	OT Cyber Security SPS	A.0001459.189	A.0001459.189	Graham OT Cyber	70,373.15		24,777.06	
436	Electric General	OT Cyber Security SPS	A.0001459.190	A.0001459.190	Hastings OT Cyber	70,382.19		24,780.24	
437	Electric General	OT Cyber Security SPS	A.0001459.191	A.0001459.191	La Plata OT Cyber	70,366.09		24,774.57	
438	Electric General	OT Cyber Security SPS	A.0001459.193	A.0001459.193	Lockney Field OT Cyber	70,379.46		24,779.28	
439	Electric General	OT Cyber Security SPS	A.0001459.200	A.0001459.200	Price OT Cyber	70,379.46		24,779.28	
440	Electric General	OT Cyber Security SPS	A.0001459.201	A.0001459.201	Sierra OT Cyber	70,379.46		24,779.28	
441	Electric General	OT Cyber Security SPS	A.0001459.205	A.0001459.205	Wade OT Cyber	70,383.09		24,780.56	
442	Electric General	OT Cyber Security SPS	A.0001459.208	A.0001459.208	Muleshoe Valley OT Cyber	70,366.09		24,774.57	

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Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) Total Company	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) New Mexico	WBS Level 1 Project Group Description	Cost Recovery	Project Category
443	Electric General	OT Cyber Security SPS Total			4,166,757.61	1,467,036.71	This project improved the Operational Technology ("OT") cybersecurity at 163 SPS substations. OT cybersecurity references the software, hardware, practices, personnel, and services deployed to protect operational technology infrastructure, people, and data. A SEL RTAC device was installed at each substation to monitor and log the OT network and to provide this information to the Cyber Defense Center's centralized management platform for consolidating, monitoring, and logging data. This project addressed the identified areas of improvement needed to ensure that the OT cybersecurity program at SPS meets industry standard compliance requirements.	SPS Zonal	OT
444	Electric General	Physical Security	A.0000710.008	SPS Physical Security Comm	602.70	212.20			
445	Electric General	Physical Security Total			602.70	212.20	This project installed Physical Security Upgrades affecting SPS substation protection with specific work varying by substation location, current layout, and threat history. Typical security measures included the installation of equipment such as cameras and motion sensors at substations.	SPS Zonal	OT
446	Electric General	RTCA-SPS	A.0001452.030	LCEC 115 and 69 COMM, RTCA	138,315.21	48,698.18			
447	Electric General	RTCA-SPS Total			138,315.21	48,698.18	This project installed the equipment to provide real time load data from customer-owned substations to the SPS Transmission Operations Center. SPS has had customer-owned substations for many years that did not provide SPS with real time load data. When the number of these substations was small, it was only an inconvenience. However, with the number of customer-owned substations growing significantly in recent years, the issue has become significant. This real time load data from customer-owned substations is needed to perform accurate real-time analysis of Transmission system conditions and Real Time Contingency Analysis (RTCA) on the current state of the Transmission system. These analyses allow the SPS Transmission Control Center to identify, prepare for, and take action on thermal and voltage contingencies that exist on the system in real time.	SPS Zonal	RE
448	Electric General	RTU - EMS Upgrade - SPS	A.0000588.026	Kress 69kV RTU Rplmnt	504,385.81	177,584.72			
449	Electric General	RTU - EMS Upgrade - SPS	A.0000588.028	Lamton 69kV RTU Rplmnt	500,623.72	176,260.16			
450	Electric General	RTU - EMS Upgrade - SPS	A.0000588.048	Canyon West RTU Rplc, COMM	381,225.55	134,222.32			
451	Electric General	RTU - EMS Upgrade - SPS	A.0000588.052	China Draw RTU Rplc, COMM	31,042.96	10,929.64			

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Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) Total Company	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) New Mexico	WBS Level 1 Project Group Description	Cost Recovery	Project Category
452	Electric General	RTU - EMS Upgrade - SPS Total			1,417,278.04	498,996.85	This project replaced remote terminal units ("RTUs") that were at the end of their useful service life.	SPS Zonal	OT
453	Electric General	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.125	Moore Co SPE Relay Upgrade, COMM	78,913.67	27,784.01	This project replaced existing protective relaying systems to eliminate long clearing times inherent in these existing relaying systems. Replacement of these relaying systems addresses the compliance requirements of NERC TPL-001-4 and will eliminate the long clearing times, increasing the reliability of the system, increasing crew safety during hot line clearances, and preventing possible damage to equipment.	SPS Zonal	RE
454	Electric General	SPS SPE Fault Clearing Relay Rplmnts Total			78,913.67	27,784.01			
455	Electric General	SPS Sub Communication Network Group 2	A.0000863.003	SPS Sub Comm Network Group 2 C	2,297,298.41	808,835.41	These projects provided for the construction of a fiber optics communication infrastructure within the SPS region. This second leg is the continuation of a multi-year effort in the Amarillo area for installing Optical Ground Wire ("OPGW") in the static position on selected transmission lines to create a redundant fiber optic communication ring with access to the Amarillo Transmission Operations Center. This ring provides redundant protection paths for the line sections on which the OPGW is installed as well as provides redundant paths for the Supervisory Control And Data Acquisition ("SCADA") system.	SPS Zonal	OT
456	Electric General	SPS Sub Communication Network Group 2	A.0000863.030	Jones Sub, K14, K15 Fiber, COMM	173,382.60	61,044.74			
457	Electric General	SPS Sub Communication Network Group 2	A.0000863.053	Murphy Sub, V40 Fiber, COMM	261,063.75	91,915.62			
458	Electric General	SPS Sub Communication Network Group 2	A.0000863.054	Lubbock South, K-10 Fiber, Comm	215,372.94	75,828.75			
459	Electric General	SPS Sub Communication Network Group 2	A.0000863.064	Frankford, LBSO K-10 Fiber, Comm	266,126.71	93,698.19			
460	Electric General	SPS Sub Communication Network Group 2	A.0000863.081	Parmer Co, T59 Fiber COMM	258,086.47	90,867.38			
461	Electric General	SPS Sub Communication Network Group 2	A.0000863.082	Curry Co, T59 Fiber COMM	286,968.58	101,036.22			
462	Electric General	SPS Sub Communication Network Group 2	A.0000863.085	Tolk, K27 Fiber COMM	257,571.12	90,685.93			
463	Electric General	SPS Sub Communication Network Group 2	A.0000863.088	Plant X, K27 Fiber COMM	257,571.12	90,685.93			
464	Electric General	SPS Sub Communication Network Group 2	A.0000863.099	T66 Fiber, Line	3,138,243.46	1,104,916.29			
465	Electric General	SPS Sub Communication Network Group 2	A.0000863.102	Randall Co, T66 Fiber COMM	253,706.84	89,325.39			
466	Electric General	SPS Sub Communication Network Group 2	A.0000863.103	Happy Intg, T66 Fiber COMM	259,367.72	91,318.48			
467	Electric General	SPS Sub Communication Network Group 2	A.0000863.105	Happy Intg, T67 Fiber COMM	34,112.18	12,010.25			
468	Electric General	SPS Sub Communication Network Group 2	A.0000863.109	Cargill, T59 Fiber COMM	257,834.80	90,778.77			
469	Electric General	SPS Sub Communication Network Group 2	A.0000863.111	Carlisle, V62 Fiber COMM	257,718.36	90,737.77			
470	Electric General	SPS Sub Communication Network Group 2	A.0000863.112	Castro, W51 Fiber COMM	34,253.67	12,060.07			
471	Electric General	SPS Sub Communication Network Group 2	A.0000863.136	Carlisle V40 Fiber, COMM	35,013.47	12,327.58			
472	Electric General	SPS Sub Communication Network Group 2	A.0000863.138	Lubbock East K15 Fiber, COMM	128,346.38	45,188.34			
473	Electric General	SPS Sub Communication Network Group 2	A.0000863.139	Lubbock South K14 Fiber, COMM	128,346.38	45,188.34			
474	Electric General	SPS Sub Communication Network Group 2	A.0000863.140	Lost Draw Sub, R06 Fiber COMM	222,821.23	78,451.15			
475	Electric General	SPS Sub Communication Network Group 2	A.0000863.142	Needmore Sub, R06 Fiber COMM	267,817.18	94,293.37			
476	Electric General	SPS Sub Communication Network Group 2 Total			9,291,023.37	3,271,193.98			
477	Electric General	Tools - Engineering	A.0006059.436	SPS Ops Engineering Tools	59,192.38	20,840.52			
478	Electric General	Tools - Engineering	A.0006059.436	SPS Ops Engineering Tools	681.00	239.77			
479	Electric General	Tools - Engineering	A.0006059.436	SPS Ops Engineering Tools	126.63	44.58			

Southwestern Public Service Company

Transmission Capital Additions by Project Group for the Future Test Year Period of July 1, 2023, through June 30, 2024

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Project Description	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) Total Company	Additions to Plant In-Service (July 1, 2023 - June 30, 2024) New Mexico	WBS Level 1 Project Group Description	Cost Recovery	Project Category
480	Electric General	Tools - Engineering Total			60,000.00	21,124.87	This project purchased capital tools for engineering purposes, such as relays and test equipment for commissioning laboratories.	SPS Zonal	OT
481	Electric General	Tools COM Substation	A.0006059.063	SPS Sub Comm Tool Blanket	361,073.51	127,127.17			
482	Electric General	Tools COM Substation	A.0006059.063	SPS Sub Comm Tool Blanket	4,154.07	1,462.57			
483	Electric General	Tools COM Substation	A.0006059.063	SPS Sub Comm Tool Blanket	772.41	271.95			
484	Electric General	Tools COM Substation Total			366,000.00	128,861.69	This project purchased capital tools for construction and maintenance activities.	SPS Zonal	OT
485	Electric General	Tools Line Field Ops	A.0006059.432	Tool Blanket TX Line	108,517.39	38,206.92			
486	Electric General	Tools Line Field Ops	A.0006059.432	Tool Blanket TX Line	1,248.47	439.56			
487	Electric General	Tools Line Field Ops	A.0006059.432	Tool Blanket TX Line	232.14	81.73			
488	Electric General	Tools Line Field Ops	A.0006059.499	EPZ Mats TX	102,696.80	36,157.60			
489	Electric General	Tools Line Field Ops	A.0006059.499	EPZ Mats TX	1,181.50	415.99			
490	Electric General	Tools Line Field Ops	A.0006059.499	EPZ Mats TX	219.69	77.35			
491	Electric General	Tools Line Field Ops	A.0006059.500	EPZ Mats NM	104,029.60	36,626.86			
492	Electric General	Tools Line Field Ops	A.0006059.500	EPZ Mats NM	67.39	23.73			
493	Electric General	Tools Line Field Ops	A.0006059.505	SPS Trans Tool Blanket	83,855.87	29,524.07			
494	Electric General	Tools Line Field Ops	A.0006059.505	SPS Trans Tool Blanket	964.74	339.67			
495	Electric General	Tools Line Field Ops	A.0006059.505	SPS Trans Tool Blanket	179.39	63.16			
496	Electric General	Tools Line Field Ops Total			403,192.98	141,956.64	This project purchased capital tools for the construction of capital projects.	SPS Zonal	OT
497	Electric General	Tools, Training Center	A.0006059.506	SPS Training Center Equipmen	102,502.00	36,089.02			
498	Electric General	Tools, Training Center Total			102,502.00	36,089.02	This project purchased capital tools to construct capital projects and capital tools to be used in the training center.	SPS Zonal	OT
499	Electric General	Transportation - SPS	A.0006056.223	Fleet New Units El Trans NM	1,974,000.00	695,008.14			
500	Electric General	Transportation - SPS	A.0006056.224	Fleet New Unit El Trans TX	9,902,650.00	3,486,536.17			
501	Electric General	Transportation - SPS Total			11,876,650.00	4,181,544.32	These projects purchased fleet vehicles for operation in the SPS area. The vehicles included automobiles, trucks, heavy vehicles such as bucket trucks, high-reach bucket trucks, hole-diggers, and trailers. Without these vehicles, crews would not have access to a predictable and reliable method of transport nor have the necessary equipment to perform needed transmission construction work.	SPS Zonal	OT
502	Electric General Total				\$28,284,274.38	\$9,958,359.20			
503	Grand Total				\$195,196,028.22	\$58,806,278.14			

Southwestern Public Service Company

Ten-Point Risk Assessment Metric

Risk Assessment Categories

Risk Level*	Category	Non-Discretionary, Pending Contractual, or Prioritized
1	DD – Distribution Driven projects high risk	Prioritized
1	DDL – Distribution Driven projects low risk	Prioritized
1	DDM – Distribution Driven projects medium risk	Prioritized
2	RT – Reliability Transmission projects not involving load shed	Prioritized
2	RTE 1 – Phase 1 Regional Transmission Expansion	Prioritized
3	LS - Reliability projects that require Load Shed	Prioritized
4	TRS - Transmission projects with high Regulatory Scrutiny	Prioritized
5	RC - Reliability projects that are over 60% Complete	Non-Discretionary
6	DDH - Distribution Driven projects Highly likely to be funded	Pending Contractual
7	IA – Interconnection Agreement Tariff Funding	Pending Contractual
7	PL – Pending Legal Agreements (IA, T-T or T-D) ¹	Pending Contractual
7	RTE 2 – Phase 2 Regional Transmission	Pending Contractual
8	RM – Regulatory Mandated, legislative order, CON filed or Granted, ERO Compliance Requirements ²	Non-Discretionary
8	RTE 3 – Phase 3 Regional Transmission Expansion	Non-Discretionary
9	LIA – Executed Load Interconnection Agreements	Non-Discretionary
9	NUGIA – Executed Non-Utility Generator Interconnection Agreements	Non-Discretionary
9	MC – Mandatory Compliance	Non-Discretionary
9	TS – Executed Transmission Service requests	Non-Discretionary
10	Outage – Broken or imminent failure	Non-Discretionary

*Risk Level (1= minimal risk; 10= high risk)

¹ T-T: transmission to transmission, T-D: transmission to distribution

² CON: certificate of need, ERO: Electric Reliability Organization

Southwestern Public Service Company

Cost Estimate Summary

Estimate Name	Scoping Estimate	Appropriation Estimate	Engineering Estimate	Cost at Completion
Accuracy Target	± 30%	± 20%	± 10%	± 0%
Permitting & Field Siting	0% to 5% complete	60% to 80% complete	80% to 100% complete	100% complete
Land Acquisition	0% to 5% complete	5% to 25% complete	80% to 100% complete	100% complete
Engineering	0% to 5% complete	5% to 25% complete	75% to 100% complete	100% complete
Remaining Unknowns	<ul style="list-style-type: none"> ▪ <i>Commission final need / route permit order specifics</i> ▪ <i>Acquisition of land rights</i> ▪ <i>Project design specifications & scope</i> ▪ <i>Material costs & lead times</i> ▪ <i>Construction schedule & cost</i> 	<ul style="list-style-type: none"> ▪ <i>Acquisition of land rights cost</i> ▪ <i>Material costs & lead times</i> ▪ <i>Construction schedule & cost</i> 	<ul style="list-style-type: none"> ▪ <i>Construction cost (weather, access, field conditions, etc.)</i> 	

Southwestern Public Service Company

Capital Additions by FERC Account
Rule References
17.1.3.7(J), 17.1.3.17 A, 17.1.3.18 B, 17.1.3.18 D, 17.1.3.16 B

Witness/ Business Area/ Cost Center	Asset Class	FERC Account	Account Description	Base Period Plant Additions July 1, 2021 - June 30, 2022	Base Period Adjustments	Adjusted Base Period Plant Additions	Linkage Period Plant Additions July 1, 2022 - June 30, 2023	Future Test Year Period Plant Additions July 1, 2023 - June 30, 2024	
Miranda - Transmission	Electric General	391	Office Furniture and Equipment	\$ 806,351		\$ 806,351	\$ 291,653	\$ 102,702	
		392	Transportation Equipment	4,164,915		4,164,915	8,241,023	11,876,650	
		393	Stores Equipment			-	(0)		
		394	Tools, Shop and Garage Equipment	675,480		675,480	3,138,488	819,366	
		395	Laboratory Equipment	59,708		59,708	79,696	8,230	
		397	Communication Equipment	8,351,506		8,351,506	18,823,303	15,475,729	
		398	Miscellaneous Equipment	1,521		1,521	6,704	1,598	
		Electric General Total				\$ 14,059,481		\$ 14,059,481	\$ 30,580,865
	Electric Intangible	303	Miscellaneous Intangible Plant	5,804,976		5,804,976	836,133	675,746	
		Electric Intangible Total				\$ 5,804,976		\$ 5,804,976	\$ 836,133
	Electric Transmission	350	Land Rights	2,571,568		2,571,568	1,010,205		
		352	Structures and Improvements	12,883,469		12,883,469	5,490,630	6,275,270	
		353	Station Equipment	104,122,404		104,122,404	89,358,250	88,211,198	
		354	Towers and Fixtures	71,188		71,188	316,495	176,938	
		355	Poles and Fixtures	73,413,001		73,413,001	126,116,378	44,807,260	
		356	Overhead Conductors and Devices	28,015,125		28,015,125	41,913,725	26,688,525	
		357	Underground Conduit	2,762		2,762	1,019	159	
359		Roads and Trails	271,946		271,946	29,282	76,657		
Electric Transmission Total				\$ 221,351,462		\$ 221,351,462	\$ 264,235,983	\$ 166,236,007	
Total Miranda - Transmission				\$ 241,215,918		\$ 241,215,918	\$ 295,652,981	\$ 195,196,028	

Southwestern Public Service Company

Capital Additions by FERC Account
Rule References
17.1.3.7(J), 17.1.3.17 A, 17.1.3.18 B, 17.1.3.18 D, 17.1.3.16 B

Witness/ Business Area/ Cost Center Miranda - Transmission	Linkage Period v. Adjusted Base Period (\$)	Linkage Period v. Adjusted Base Period (%)	Material Variance? (by Cost Center)	Future Test Year v. Base Period (\$)	Future Test Year v. Adjusted Base Period (\$)	Future Test Year v. Adjusted Base Period (%)	Material Variance? (by Cost Center)	Reference
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<u>Total Miranda - Transmission</u>	\$ 54,437,063	23%	YES	\$ (46,019,890)	\$ (46,019,890)	-19%	YES	Major capital additions discussed in the direct testimony of Reene Miranda.
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Southwestern Public Service Company

**Transmission O&M Expenses by FERC Account
General O&M Labor**

Line No.	Witness	Business Area	FERC Account	Account Description	Cost Element	Total Company	
						Base Period	
						July 1, 2021 - June 30, 2022	
1	Miranda	Transmission	506000	Miscellaneous steam power expenses	LABOR		16,985
2			506000 Total				16,985
3			512000	Maintenance of boiler plant	LABOR		1,240
4			512000 Total				1,240
5			513000	Maintenance of electric plant	LABOR		22,969
6			513000 Total				22,969
7			514000	Maintenance of miscellaneous steam plant	LABOR		82
8			514000 Total				82
9			549000	Miscellaneous other power generation expenses	LABOR		1,000
10			549000 Total				1,000
11			551000	Maintenance supervision and engineering	LABOR		2,134
12			551000 Total				2,134
13			553000	Maintenance of generating and electric plant	LABOR		4,920
14			553000 Total				4,920
15			556000	System control and load dispatching	LABOR		3
16			556000 Total				3
17			560000	Operation supervision and engineering	INCENTIVE		526,791
18					LABOR		5,132,938
19			560000 Total				5,659,729
20			561100	Load dispatch-Reliability	INCENTIVE		615
21					LABOR		9,993
22			561100 Total				10,609
23			561200	Load dispatch-Monitor and operate transmiss system	INCENTIVE		48,407
24					LABOR		2,047,952
25			561200 Total				2,096,359
26			561600	Transmission service studies	INCENTIVE		2,054
27					LABOR		18,036
28			561600 Total				20,090
29			561700	Generation interconnection studies	INCENTIVE		2,407
30					LABOR		19,169
31			561700 Total				21,575
32			562000	Station expenses	INCENTIVE		38,144
33					LABOR		1,289,741
34			562000 Total				1,327,886
35			563000	Overhead line expenses	INCENTIVE		9,026
36					LABOR		359,517
37			563000 Total				368,544
38			564000	Underground line expenses	INCENTIVE		12
39					LABOR		357
40			564000 Total				369
41			566000	Miscellaneous transmission expenses	INCENTIVE		40,848

Southwestern Public Service Company

Transmission O&M Expenses by FERC Account
General O&M Labor

Line No.	Witness	Business Area	FERC Account	Account Description	Cost Element	Total Company	
						Base Period	
						July 1, 2021 - June 30, 2022	
42					LABOR	1,379,248	
43			566000 Total			1,420,096	
44			570000	Maintenance of station equipment	INCENTIVE	13,251	
45					LABOR	516,341	
46			570000 Total			529,592	
47			571000	Maintenance of overhead lines	INCENTIVE	993	
48					LABOR	47,184	
49			571000 Total			48,178	
50			580000	Operation supervision and engineering	INCENTIVE	8,309	
51					LABOR	139,507	
52			580000 Total			147,816	
53			581000	Load dispatching	LABOR	18	
54			581000 Total			18	
55			582000	Station expenses	INCENTIVE	19,378	
56					LABOR	644,859	
57			582000 Total			664,237	
58			583000	Overhead line expenses	LABOR	2,971	
59			583000 Total			2,971	
60			584000	Underground line expenses	LABOR	98	
61			584000 Total			98	
62			586000	Meter expenses	LABOR	1,470	
63			586000 Total			1,470	
64			588000	Miscellaneous distribution expenses	INCENTIVE	5,166	
65					LABOR	53,672	
66			588000 Total			58,838	
67			592000	Maintenance of station equipment	INCENTIVE	4,995	
68					LABOR	228,425	
69			592000 Total			233,421	
70			593000	Maintenance of overhead lines	LABOR	16,468	
71			593000 Total			16,468	
72			594000	Maintenance of underground lines	LABOR	244	
73			594000 Total			244	
74			902000	Meter reading expenses	LABOR	2,326	
75			902000 Total			2,326	
76			920000	Administrative and general salaries	LABOR	6,220	
77			920000 Total			6,220	
78		Transmission Total				12,686,486	
79	Miranda Total					12,686,486	

Southwestern Public Service Company

Transmission O&M Expenses by FERC Account
General O&M Non-Labor

						Total Company						
Line No.	Witness	Business Area	FERC Account	Account Description	Cost Element	Base Period	Base Period Adjustments	Adjusted Base Period	Linkage Period Adjustments	Linkage Period	Future Test Year Period Adjustments	Future Test
						July 1, 2021 - June 30, 2022				July 1, 2022 - June 30, 2023		Year Period July 1, 2023 - June 30, 2024
1	Miranda	Transmission	550000	Rents	MISC_OTHER	(4,597)						
2			550000 Total			(4,597)		(4,597)		(4,597)		(4,597)
3			560000	Operation supervision and engineering	CONSULTING	92,186						
4					CONTR_LABR	302,058						
5					CONTR_VEND	20,814						
6					EMPLOY_EXP	198,134						
7					MATERIALS	157,112						
8					MISC_OTHER	267,545						
9					OVERHEAD	7,792						
10					TRANSPORT	12,514						
11			560000 Total			1,058,155	(275,500)	782,655		782,655		782,655
12			561200	Load dispatch-Monitor and operate transmiss system	EMPLOY_EXP	906						
13					MATERIALS	2,479						
14					MISC_OTHER	1,811						
15			561200 Total			5,196		5,196		5,196		5,196
16			561600	Transmission service studies	CIAC	(10,000)						
17					REV_ELECT	(16,094)						
18			561600 Total			(26,094)		(26,094)		(26,094)		(26,094)
19			561700	Generation interconnection studies	CIAC	(10,000)						
20					CONSULTING	256,431						
21					MATERIALS	325						
22					OVERHEAD	2,896						
23					REV_ELECT	(277,359)						
24			561700 Total			(27,706)		(27,706)		(27,706)		(27,706)
25			562000	Station expenses	CONTR_VEND	31,366						
26					EMPLOY_EXP	22,128						
27					MATERIALS	44,488						
28					MISC_OTHER	(311,126)						
29					OVERHEAD	1,576						
30					TRANSPORT	(55,287)						
31			562000 Total			(266,854)		(266,854)		(266,854)		(266,854)
32			563000	Overhead line expenses	CONSULTING	1,070,493						
33					CONTR_VEND	2,243,632						
34					EMPLOY_EXP	7,164						
35					MATERIALS	43,009						
36					MISC_OTHER	(2,740)						
37					OVERHEAD	38,861						
38					TRANSPORT	(6,592)						
39			563000 Total			3,393,825	(1,526,476)	1,867,349		1,867,349		1,867,349
40			566000	Miscellaneous transmission expenses	AG_OVERHD	(0)						
41					CONSULTING	2,372						
42					CONTR_LABR	23,797						
43					CONTR_VEND	306,927						
44					EMPLOY_EXP	138,896						
45					MATERIALS	(67,713)						
46					MISC_OTHER	43,252						
47					OVERHEAD	6,068						
48					SALVAGE	(2,157)						
49					TRANSPORT	(16,778)						
50			566000 Total			434,664		434,664		434,664		434,664

Southwestern Public Service Company

Transmission O&M Expenses by FERC Account
General O&M Non-Labor

Line No.	Witness	Business Area	FERC Account	Linkage Period v. Adjusted Base Period (\$)	Linkage Period v. Adjusted Base Period (%)	Material Variance? (by FERC Account)	Future Test Year v. Base Period (\$)	Future Test Year v. Adjusted Base Period (\$)	Future Test Year v. Adjusted Base Period (%)	Material Variance? (by FERC Account)
1	Miranda	Transmission	550000							
2			550000 Total	-	0%	FALSE	-	-	0%	FALSE
3			560000							
4										
5										
6										
7										
8										
9										
10										
11			560000 Total	-	0%	FALSE	(275,500)	-	0%	FALSE
12			561200							
13										
14										
15			561200 Total	-	0%	FALSE	-	-	0%	FALSE
16			561600							
17										
18			561600 Total	-	0%	FALSE	-	-	0%	FALSE
19			561700							
20										
21										
22										
23										
24			561700 Total	-	0%	FALSE	-	-	0%	FALSE
25			562000							
26										
27										
28										
29										
30										
31			562000 Total	-	0%	FALSE	-	-	0%	FALSE
32			563000							
33										
34										
35										
36										
37										
38										
39			563000 Total	-	0%	FALSE	(1,526,476)	-	0%	FALSE
40			566000							
41										
42										
43										
44										
45										
46										
47										
48										
49										
50			566000 Total	-	0%	FALSE	-	-	0%	FALSE

Southwestern Public Service Company

					Total Company							
Line No.	Witness	Business Area	FERC Account	Account Description	Cost Element	Base Period July 1, 2021 - June 30, 2022	Base Period Adjustments	Adjusted Base Period	Linkage Period Adjustments	Linkage Period July 1, 2022 - June 30, 2023	Future Test Year Period Adjustments	Future Test Year Period July 1, 2023 - June 30, 2024
51			567000	Rents	MISC_OTHER	158,489						
52			567000 Total			158,489		158,489		158,489		158,489
53			569000	Maintenance of structures	MATERIALS	3,052						
54			569000 Total			3,052		3,052		3,052		3,052
55			570000	Maintenance of station equipment	CONSULTING	78,789						
56					CONTR_VEND	(39,132)						
57					EMPLOY_EXP	18,854						
58					MATERIALS	110,218						
59					MISC_OTHER	23,213						
60					OVERHEAD	3,910						
61					SALVAGE	17,829						
62					TRANSPORT	8,682						
63			570000 Total			222,363		222,363		222,363		222,363
64			571000	Maintenance of overhead lines	CONTR_LABR	52,657						
65					CONTR_VEND	172,407						
66					EMPLOY_EXP	1,759						
67					MATERIALS	39,465						
68					OVERHEAD	2,809						
69					TRANSPORT	12,415						
70			571000 Total			281,512		281,512		281,512		281,512
71			580000	Operation supervision and engineering	CONSULTING	17,196						
72					CONTR_LABR	17,785						
73					EMPLOY_EXP	8,354						
74					MATERIALS	16,858						
75					MISC_OTHER	1,754						
76					OVERHEAD	701						
77			580000 Total			62,648		62,648		62,648		62,648
78			582000	Station expenses	CONTR_VEND	3,438						
79					EMPLOY_EXP	9,551						
80					MATERIALS	6,990						
81					MISC_OTHER	606						
82					OVERHEAD	159						
83					TRANSPORT	(25,587)						
84			582000 Total			(4,842)		(4,842)		(4,842)		(4,842)
85			588000	Miscellaneous distribution expenses	CONTR_VEND	139						
86					EMPLOY_EXP	283						
87					MATERIALS	4,233						
88					MISC_OTHER	131						
89					OVERHEAD	119						
90			588000 Total			4,906		4,906		4,906		4,906
91			592000	Maintenance of station equipment	CONTR_VEND	2,527						
92					EMPLOY_EXP	4,363						
93					MATERIALS	25,297						
94					MISC_OTHER	1,619						
95					OVERHEAD	900						
96					TRANSPORT	483						
97			592000 Total			35,189		35,189		35,189		35,189
98			921000	Office supplies and expenses	MATERIALS	274						
99					OVERHEAD	10						
100			921000 Total			284		284		284		284
101			930100	General advertising expenses	MISC_OTHER	2,148						
102			930100 Total			2,148	(2,148)	-		-		-
103			930200	Miscellaneous general expenses	MISC_OTHER	212,986						
104			930200 Total			212,986		212,986		212,986		212,986
105			Transmission Total			5,545,324	(1,804,124)	3,741,199	-	3,741,199	-	3,741,199
106			Miranda Total			5,545,324	(1,804,124)	3,741,199	-	3,741,199	-	3,741,199

