DOCKET NO. _____

APPLICATION OF SOUTHWESTERN PUBLIC SERVICE COMPANY FOR AUTHORITY TO CHANGE RATES	**§ § §**	**PUBLIC UTILITY COMMISSION OF TEXAS**

DIRECT TESTIMONY
of
JARRED J. COOLEY

on behalf of

SOUTHWESTERN PUBLIC SERVICE COMPANY

(*Filename:* CooleyRRDirect.doc)

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GLOSSARY OF ACRONYMS AND DEFINED TERMS

Acronym/Defined Term	Meaning
CCN	Certificate of Convenience and Necessity
Commission	Public Utility Commission of Texas
EC	Economic Project
ELR	End of Life Replacement Project
FERC	Federal Energy Regulatory Commission
GI	Generation Interconnection Project
HPILS	High Priority Incremental Load Study
kV	kilovolt
LCEC	Lea County Electric Cooperative
LI	Load Interconnection Project
NERC	North American Electric Reliability Corporation
NTC	Notification to Construct
OATT	Open Access Transmission Tariff
OG&E	Oklahoma Gas & Electric
Operating Companies	SPS, Northern States Power Company, a Minnesota corporation; Northern States Power Company, a Wisconsin corporation; and Public Service Company of Colorado, a Colorado corporation
OPGW	Optical Ground Wire
OT	Other Project
RE	Reliability Project
RFP	Rate Filing Package

Acronym/Defined Term	Meaning
RTU	Remote Terminal Unit
SCADA	Supervisory Control and Data Acquisition
SPP	Southwest Power Pool
SPS	Southwestern Public Service Company, a New Mexico corporation
SR	System Refurbishment Project
Test Year	October 1, 2019 through September 30, 2020
TxDOT	Texas Department of Transportation
TI	Transmission Interconnection Project
Total company	Total SPS (before jurisdictional allocations)
Update Period	October 1, 2020 through December 31, 2020
Updated Test Year	January 1, 2020 through December 31, 2020
WBS	Work Breakdown Structure
Xcel Energy	Xcel Energy Inc.
XES	Xcel Energy Services Inc.

LIST OF ATTACHMENTS

Attachment	Description
JJC-RR-1	Transmission Capital Additions for the Period July 1, 2019 through September 30, 2020 (*Filename*: JJC-RR-1.xlsx)
JJC-RR-2	Transmission Capital Additions for the Period July 1, 2019 through September 30, 2020 – Summary of Projects (*Filename*: JJC-RR-2.xlsx)
JJC-RR-3	Transmission Capital Additions for the Period October 1, 2020 through December 31, 2020 (*Filename*: JJC-RR-3.xlsx)
JJC-RR-4	Risk Assessment Categories (*Filename*: JJC-RR-4.docx)
JJC-RR-5	Cost Estimate Summary (*Filename*: JJC-RR-5.docx)
JJC-RR-6	Tolk Generators Change of Operation Study (*Filename*: JJC-RR-6.pdf)

DIRECT TESTIMONY
OF
JARRED J. COOLEY

I. WITNESS IDENTIFICATION AND QUALIFICATIONS

Q. Please state your name and business address.

A. My name is Jarred J. Cooley. My business address is 790 South Buchanan Street, Amarillo, Texas 79101.

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

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

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

A. I am employed by Xcel Energy Services Inc. ("XES") as Manager, Transmission Planning South.

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

A. I provide overall management direction for the transmission planning staff in Amarillo, Texas. Their duties include planning new transmission facilities required for generation and customer additions. I also actively participate on behalf of SPS in the Southwest Power Pool's ("SPP") transmission planning activities. In addition, I participate in the preparation of the SPS transmission capital budget. Finally, I interact with retail and wholesale customers seeking new transmission service, as well as wind and solar developers working on interconnections with the SPS transmission system.

Q. Please describe your educational background.

A. I received my Bachelor of Science degree in Electrical Engineering in 2010 from the University of Minnesota – Twin Cities.

Q. Please describe your professional experience.

A. In 2010, I started full-time as an entry-level engineer in the Transmission Planning department with Xcel Energy, based in Minneapolis, Minnesota. In 2014, I was promoted to Senior Engineer within the Transmission Planning department. I continued to work in that department until 2018, when I became Manager, Transmission Planning South, and moved to Amarillo, Texas.

Q. Do you hold a professional license?

A. Yes. I am a registered Professional Engineer in the State of Minnesota.

Q. Have you filed testimony before any regulatory authorities?

A. Yes. I submitted pre-filed written testimony to the Public Utility Commission of Texas ("Commission") on SPS's behalf in Docket No. 49831. In addition, I have submitted pre-filed written testimony to the New Mexico Public Regulation Commission in several cases, and I submitted testimony to the Federal Energy Regulatory Commission ("FERC") in Docket No. ER18-2358-000.

II. ASSIGNMENT AND SUMMARY OF TESTIMONY AND RECOMMENDATIONS

Q. What is your assignment in this proceeding?

A. My testimony addresses the following topics:

- I explain how the capital projects for the SPS Transmission function are prioritized, and I describe the ways in which SPS controls the costs of those projects.

- I review and provide cost data for the Transmission-related capital additions that SPS placed in service during the period from July 1, 2019, which is the first day after the end of the period for which capital additions were approved in Docket No. 49831,[1] through December 31, 2020, which is the end of the Update Period in this case.[2] I will provide the actual dollar amount of the capital additions during the period from July 1, 2019 through December 31, 2020 in two steps.

  1. First, in my direct testimony, I present the actual dollar amount of Transmission capital additions that closed to plant-in-service through September 30, 2020, the end of the Test Year[3] in this case, and I present the estimated dollar amount of Transmission capital additions that SPS expects to close to plant-in-service during the Update Period.

  2. Second, as part of SPS's 45-day case update filing, I will provide the actual dollar amount of Transmission capital additions that closed to plant-in-service during the Update Period.

  Together, these two pieces of testimony will provide the actual dollar amount of Transmission capital additions closed to plant-in-service during the period from July 1, 2019 through December 31, 2020.

- I sponsor Schedule H-14.2 from SPS's Rate Filing Package ("RFP"). This schedule includes summaries of transmission line information for SPS's company-wide transmission system for the Test Year. In addition, I sponsor the portions of the Executive Summary related to the topics included in my testimony.

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[1] *Application of Southwestern Public Service Company for Authority to Change Rates,* Docket No. 49831, Final Order (Aug. 27, 2020).

[2] The Update Period in this case is the three-month period from October 1, 2020 through December 31, 2020.

[3] The Test Year in this case is the twelve-month period from October 1, 2019 through September 30, 2020. The Updated Test Year is calendar year 2020.

Q. Please summarize the conclusions and recommendations in your testimony.

A. Between July 1, 2019 and September 30, 2020, SPS placed in service Transmission-related capital additions with a total cost of $269,184,941 (total SPS before jurisdictional allocations, hereafter referred to as "total company"), including the Allowance for Funds Used During Construction, as shown on Attachments JJC-RR-1 and JJC-RR-2. SPS witness Stephanie N. Niemi allocates the total company dollar amount among SPS's jurisdictions (i.e., Texas retail; New Mexico retail; and wholesale). These reasonable and necessary capital costs help ensure the safe and reliable operation of the SPS transmission system, and they were prudently incurred.

In addition, SPS incurred Transmission-related capital costs for projects placed in service during the Update Period of October 1, 2020 through December 31, 2020. These costs, which are provided on Attachment JJC-RR-3, are also reasonable and necessary capital costs to ensure the safe and reliable operation of the SPS transmission system. As initially filed, the costs reflected in Attachment JJC-RR-3 are estimated to be $181,285,587 on a total company basis.

For all capital additions, SPS seeks to recover associated capitalized affiliate charges. Each charge from SPS's affiliates for a particular service is no higher than the charge by those affiliates to any other entity for the same or similar service. These capitalized affiliate costs are also reasonable and necessary capital costs to ensure the safe and reliable operation of the SPS transmission system. These costs are included on Attachments JJC-RR-1 through JJC-RR-3.

Q. You mention that certain costs that you present in your testimony are estimates. Please explain why SPS is presenting cost estimates in this case.

A. As discussed in more detail by SPS witness William A. Grant, SPS is using an Updated Test Year (January 1, 2020 through December 31, 2020) in this case. SPS's initial filing presents actual costs through the end of the Test Year (September 30, 2020), and it contains estimated costs for the period from October 1, 2020 through December 31, 2020, which is the Update Period. Accordingly, for the Transmission and Substation capital costs and related affiliate costs that I support, the costs for projects placed in service between October 1, 2020 and December 31, 2020 are estimates.

Q. Will you update your testimony to replace the estimated costs that you present with actual costs?

A. Yes. SPS will file an update 45 days after the filing of the application. As part of that process, I will update Attachment JJC-RR-3 to replace the estimates of Transmission capital additions closed to plant-in-service in the Update Period with actual capital additions closed to plant-in-service during that period.

Q. Were Attachments JJC-RR-1 through JJC-RR-6 prepared by you or under your direct supervision?

A. Yes. SPS witness Mark P. Moeller and his staff assisted with the preparation of Attachments JJC-RR-1 through JJC-RR-3.

Q. Was RFP Schedule H-14.2 prepared by you or under your direct supervision and control?

A. Yes.

Q. Do you incorporate the RFP schedule and the portions of the Executive Summary sponsored by you into your testimony?

A. Yes.

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

Q. Please describe the Transmission business area and the work that the Transmission business area performs to support SPS's operations.

A. The Transmission business area supports reliable, cost-effective, and timely engineering solutions for constructing, operating, and maintaining high-voltage transmission lines and substations to support system reliability and to strengthen the infrastructure necessary to serve SPS's customers.

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

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

- the need for new distribution load-serving substations;
- the need for transmission upgrades based on the North American Electric Reliability Corporation ("NERC") reliability standards;
- new generation and transmission service requests; and
- discussions with SPP planning staff.

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

A. Yes. SPP periodically issues to SPS a Notification to Construct ("NTC") for the following types of transmission projects:[4]

- projects needed for reliability purposes;

[4] An NTC is SPP's notification to the affected utility that a specific project should be constructed in accordance with the minimum requirements outlined for that project.

- projects necessary to provide transmission service under the SPP Open Access Transmission Tariff ("OATT");
- projects that have been determined by SPP to provide regional economic benefits; and
- projects required to provide service to new delivery points under the SPP OATT.

Q. How does SPS prioritize transmission capital projects?

A. SPS ranks all capital projects using a 10-point risk assessment metric.[5] Key drivers for the risk prioritization strategy include compliance requirements, contractual agreements, reliability and regulatory mandates, economic benefits, external requests, and other risk factors. The risk assessment process ranks projects on a scale of 1-10, with 10 being most urgent and with projects ranked from 5 to 10 considered non-discretionary.

Q. What are non-discretionary projects?

A. Non-discretionary projects include the following:

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

[5] The risk assessment categories are shown in Attachment JJC-RR-4.

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

A. Attachment JJC-RR-5 outlines the general estimating steps and shows what project information is available as a project goes from concept to construction. When a project is prepared for the capital budget, a preliminary scope is developed by Transmission Planning or another submitting organization and then is provided to the Project Management organization. Project Management requests cost estimates from the Substation/Transmission Engineering & Design organization.[6]

If the project is an internally-developed budget item, the initial estimate is a scoping estimate that is intended to be within ±30% of the total expected project cost. If the initial estimate is for a generator facilities study or a project proposed in response to an NTC, SPP's tariff includes additional cost estimation and oversight requirements.

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

A. Yes. After the initial estimate is developed, each project proceeds through a series of design reviews called the "Project Lifecycle," which reviews the scope, cost and feasibility estimates, and schedules of the project at different stages in its development. The Preliminary Scope Intake meeting evaluates the validity of the initial scope and looks for any fatal flaws in the proposed project. A ±30%

[6] 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.

scoping estimate is developed after approval of the initial scope. The project then proceeds to a Constructability Review – Site Visit, which involves a field visit to the area of the project to identify any issues that are not discovered through the review of drawings. If changes are necessary because of issues discovered during a field visit, the scope is modified. The project next proceeds through the Final Scope Review meeting, where a ±20% accuracy appropriation estimate is required.

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

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

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

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

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

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

A. The Mustang-to-Seminole 115-kilovolt ("kV") transmission line project resulted from SPP's 2016 Integrated Transmission Planning Near-Term Assessment, in which SPP studied and analyzed local and regional reliability issues for the 2016-2020 planning horizon and identified this project as a needed regional reliability upgrade in the SPS area. The thermal reliability needs were the overload issues of the Denver City Substation to San Andres Tap to Seminole Substation 115-kV line, which could occur during an outage of the existing Mustang Substation-Seminole Substation 230-kV line. The voltage reliability needs were the low voltages at the Flannagan 69-kV Substation, and at the Doss, Roz, Seminole, Oxy-West Seminole Tap, and Amerada Hess 115-kV Substations. SPP also identified that load growth in the local area contributed to the low-voltage conditions. Since SPP planned to issue an NTC for this project

and SPS had participated in the study process with SPP, SPS provided an initial study estimate for SPP's use before the issuance of the NTC by SPP. After SPP issued NTC-200407, SPS provided a refined estimate, as required by SPP's procedures. Because this project required a Certificate of Convenience and Necessity ("CCN") in Texas, SPS also prepared and submitted detailed routing information and cost estimates to the Commission for its independent review as part of SPS's CCN application. Within SPS, the project moved through the project management and estimating processes described above. Thus, cost estimates for the project were subject to multiple levels of review and oversight as the project was being developed.

Q. Please explain how Transmission capital costs are managed.

A. Within SPS, all projects follow a project flow process that requires reviews and approvals of estimates at the budget, management, senior management, and executive levels. After these approvals, capital projects are approved through the budgeting process, and they are reviewed on a monthly basis to compare the monthly forecast to actual funds spent. SPS also performs a review to compare year-to-date actual performance with year-to-date and year-end forecasts. If deviations are identified, it is necessary to develop recommendations to meet financial targets. Changes are reported to the Financial Performance and Planning group, which monitors capital spending.

If the project is an SPP NTC project, SPS must report the estimated completion cost of the NTC project quarterly to SPP. If the estimated cost of the project exceeds SPP's requirements, the estimate is sent for management review

by the SPP Project Cost Working Group and other stakeholder groups. If the costs are significantly outside of the allowable range, SPP may address the issue by accepting the cost variance, modifying the scope of the project to reduce the cost, suspending the project for further studies, or cancelling the project.

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

A. Yes. The approved, overall Transmission capital budget contains contingency funds to fund transmission, generation, and transmission-to-transmission interconnection agreements that may not have been executed when the budget was developed. Such contingency budgets are necessary because projects resulting from Generation Interconnection ("GI") agreements must be constructed in a timely manner under the SPP Generator Interconnection Procedures. Projects required for Transmission Interconnection ("TI") must also be constructed in a timely manner under the SPP OATT. Any projects that arise outside of the original budget planning cycle are funded using these contingency funds. If additional funding is needed, approval for the project is sought in the same manner as any new capital budget item with appropriate engineering, management, and financial reviews.

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

IV. TRANSMISSION CAPITAL ADDITIONS

Q. As part of this rate case, is SPS asking to include Transmission capital additions in its rate base?

A. Yes. SPS is asking to include in rate base those Transmission capital additions that closed to plant-in-service or were expected to close to plant-in-service during the period from July 1, 2019 through December 31, 2020. In Subsection A, I discuss the capital additions that closed to plant-in-service during the period from July 1, 2019 through September 30, 2020. The starting date for this period (July 1, 2019) is the first month after the end of the period for which capital additions were approved in Docket No. 49831, and the ending date for this period (September 30, 2020) is the end of the Test Year in this current case.

In Subsection B, I discuss the capital additions that closed to plant-in-service or were expected to close to plant in service during the period from October 1, 2020 through December 31, 2020. All these Transmission capital additions support SPS's ability to provide safe and reliable electric service to its customers.

A. Transmission Capital Additions for the Period from July 1, 2019 through September 30, 2020

Q. What is the dollar amount of Transmission capital additions that SPS placed in service during the period from July 1, 2019 through September 30, 2020?

A. SPS placed in service $269,184,941 on a total company basis. That amount, which includes capitalized affiliate costs, consists of $258,803,967 of Transmission plant capital additions and $10,380,975 of General plant capital

additions.[7] Ms. Niemi allocates the total company dollar amount among SPS's jurisdictions (Texas retail; New Mexico retail; and wholesale) in the cost of service study she presents.

Q. Have you prepared a list of SPS's requested Transmission capital additions closed to plant-in-service during the period from July 1, 2019 through September 30, 2020?

A. Yes. Attachments JJC-RR-1 and JJC-RR-2 both list SPS's requested Transmission capital additions for the period from July 1, 2019 through September 30, 2020. Attachment JJC-RR-2 is arranged to facilitate description of the additions by project group and provides the information listed in Table JJC-RR-1:

Table JJC-RR-1

Column A	Asset Class	Identifies the type of asset
Column B	Work Breakdown Structure ("WBS") Level 1 Project Group Name[8]	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
Column D	WBS Level 2 Description	Provides a short title for the project for the WBS Level 2 number
Column E	In-Service Date (year-month)	Provides the in-service date of the WBS Level 2 Number part of the project

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

[8] Mr. Moeller discusses the "Work Breakdown Structure" terminology in his direct testimony.

Column F	Capital Additions (July 1, 2019– September 30, 2020)	Provides the total company dollar amount for the additions to plant-in-service for the period of July 1, 2019 through September 30, 2020
Column G	XES Charges (Included in Column F)	The amount of charges from XES that are included in the total company dollar amount of additions to plant-in-service for the project in Column (F)
Column H	Other Affiliate Charges (Included in Column F)	The amount of charges from affiliates other than XES that are included in the total company dollar amount of additions to plant-in-service for the project in Column (F)
Column I	Total Affiliate Charges (Included in Column F)	Total of columns (G) and (H) associated with new plant-in-service shown in Column (F)
Column J	Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)	Provides the total company dollar amount of the additions to plant-in-service in Column (F) that is not an affiliate charge
Column K	WBS Level 1 Project Group Description	Provides a short description of the work scope of the project group
Column L	Cost Recovery Method	Specifies the method of cost recovery for the project group
Column M	Project Category	Provides a classification of the project group's type

Q. Please describe the different cost recovery methods listed in Attachment JJC-RR-2, column (L).

A. The cost recovery method in column (L) of Attachment JJC-RR-2 explains how the capital costs are recovered. The different cost recovery methods are as follows:

- Customer Funded – capital funds for the project are provided by the customer.
- SPP Balanced Portfolio – the revenue recovery follows the SPP Balanced Portfolio method of cost recovery.[9]
- SPP Base Plan – the cost recovery follows the SPP highway/byway method of cost recovery.
- SPS Zonal – 100% of the revenue requirements are rolled into SPS zonal transmission rates.
- SPS Directly Assigned – 100% of the revenue requirements are assigned to specific SPS wholesale customers or SPS retail customer classes in the SPS zone.

Some projects can have a combination of recovery methods, as noted in Attachment JJC-RR-2. For each project that was issued an NTC, the cost recovery method is specified for that project within the NTC.

Q. Please describe the Transmission capital additions shown on Attachment JJC-RR-2.

A. The Transmission capital additions listed in Attachment JJC-RR-2 support SPS's transmission operations and SPS's ability to provide safe and reliable electric service to its customers. These additions, which are necessary to expand the SPS transmission system infrastructure and to upgrade the SPS transmission system, allow SPS to interconnect new generation resources, to maintain reliability, and to improve load-serving capability.

As shown in Table JJC-RR-2 (next page), the Transmission capital additions for the period of July 1, 2019 through September 30, 2020 fall within

[9] Mr. Grant discusses cost recovery of SPP-approved transmission investment in his direct testimony.

one or more of the following seven project categories (column M of Attachment JJC-RR-2):

- Economic Projects ("EC");
- Generation Interconnection Projects;
- Load Interconnection Projects ("LI");
- Reliability Projects ("RE");
- System Refurbishment Projects ("SR");
- Transmission Interconnection Projects; and
- Other Projects ("OT").

When a project group falls into two project categories, the dollar cost of the project group is split equally between the two categories.

Table JJC-RR-2

Transmission Capital Additions
for the Period from July 1, 2019 through September 30, 2020

Project Category	Transmission Capital Additions (Total Company)
Economic (EC)	$134,453
Generation Interconnection (GI)	$6,874,805
Load Interconnection (LI)	$14,740,686
Reliability Project (RE)	$187,233,480
System Refurbishment (SR)	$47,089,497
Transmission Interconnection (TI)	$99,333
Other ("OT")	$13,012,687
TOTAL	**$269,184,941**

Q. Please describe the types of projects included in the "EC" category.

A. This category of investment contains the capital additions for transmission projects that were developed through SPP's Integrated Planning Process, which provide benefits to the SPP region, including the SPS system. SPS's Texas retail customers benefit from these capital additions because they provide improved access to market-based energy resources. The total investment in this category is $134,453 on a total company basis. The project described below accounts for 100% of the total capital additions in this category. This project is integral to SPS's ability to provide reliable electric service to its customers.

- **TUCO Mooreland (Woodward) ($268,906 total company) (WBS Level 2 Numbers A.0000417.015 and A.0000665.005)** – 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. The capital additions during this period were for continuing right-of-way acquisition and associated legal fees. This project is also a Transmission Interconnection Project, and therefore only half of the total shown above ($134,453 total company) is credited to Economic Projects. This project was identified in the SPP's Balanced Portfolio Economic Studies. SPP issued SPS an NTC for this project.

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

A. This category of investment contains the capital additions for transmission system upgrades necessary to connect new generation sources to the SPS transmission system as required by the SPP OATT. SPS is obligated to provide non-discriminatory interconnection service to new generators pursuant to the SPP OATT. These capital additions may have incidental benefits to SPS's Texas

retail customers by enhancing SPS's transmission system reliability with these additional resources and facilities on the system. The total investment in this category is $6,874,805 on a total company basis. The projects described below account for approximately 86% of the total capital additions in this category. The remaining projects are similar in nature in that they connect new generation sources to the transmission system, which is integral to SPS's ability to provide reliable electric service to its customers.

- **Gen Upgrade Tolk X Reconductor ($3,081,131 total company) (WBS Level 2 Numbers A.0000105.001, .005, .007, and .008)** – 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.

- **Tuco Intg 345/230kV Auto #1 upgrade ($2,203,625 total company) (WBS Level 2 Number A.0000564.002) –** This project upgraded the 345/230-kV transformer at TUCO Interchange. This project was one of the shared network upgrades required for the connection of generation projects approved by SPP in the DISIS 2014-002 study.

- **GEN-2015-014 Lost Draw Substation ($606,321 total company) (WBS Level 2 Numbers A.0000350.001, .002, .005, .006 and .008)** – This project constructed the new Lost Draw Switching Station to provide a 115-kV interconnection point for the Wildcat Ranch wind farm. This project group includes both General and Transmission Plant additions.

Q. Please describe the types of projects included in the "LI" category.

A. This category of investment contains the capital additions for transmission system upgrades necessary to connect new load-serving substations for either SPS retail or wholesale customers, including cooperatives, municipal electric utilities, and other investor-owned utilities. The LI request is made under the SPP OATT because the request constitutes a request for network transmission

service. These capital additions may have incidental benefits to SPS's Texas retail customers by enhancing SPS's transmission system reliability with these additional facilities on the system. The total investment in this category is $14,740,686 on a total company basis. The projects described below account for approximately 84% of the total capital additions in this category. The remaining projects are similar in nature in that they connect new load serving substations, which is integral to SPS's ability to provide reliable electric service to its customers.

- **OPIE 3 Roadrunner 115/25kV Expansion ($3,547,934 total company) (WBS Level 2 Number A.0000424.237)** – This project expanded the 115-kV bus at Roadrunner Interchange to provide a 115-kV connection point for the new 115/22.86-kV distribution transformer being installed. This new distribution transformer was needed to serve the rapidly expanding distribution load in the area.

- **OPIE 3 Roadrunner-China Draw 345kV ($3,530,194 total company) (WBS Level 2 Numbers A.0001189.005, .007, .009, .011, and .026)** – This project installed the new 345/115-kV Phantom Substation and two new 345-kV transmission lines. The first was a line approximately 20 miles in length from Phantom Substation to China Draw Substation, and the second was a line approximately 21 miles in length from Phantom Substation to Roadrunner Substation. This project is also a Reliability Project, and therefore only half of the total shown above ($1,765,097 total company) is credited to Load Interconnection Projects. 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.

- **Western St Sub (TAM) ($2,772,193 total company) (WBS Level 2 Numbers A.0001137.001, .002, .003, .004, .005, and .006)** – This project installed a 28 MVA, 115/13.2-kV distribution substation named Western Street located in Amarillo, Texas. This substation was needed to serve new load in the area and to provide contingency back-up capacity for the other distribution substations in the area.

- **Interconnection Milwaukee ($1,811,789 total company) (WBS Level 2 Numbers A.0001079.001, .002, .004, .005, .006, .007, .008, .009, .010, and .011)** – This project installed the new SPS Quincy Switching Station to provide 115-kV service to South Plains Electric Cooperative to serve new load from its new Milwaukee Substation. This project group includes both General and Transmission Plant additions.

- **Interconnection Tall Cotton Johnson Draw ($1,444,822 total company) (WBS Level 2 Numbers A.0001227.001 and .002)** – 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.

- **OPIE 3 Malaga Bend ($1,076,668 total company) (WBS Level 2 Number A.0001214.005)** – This project installed a new 115-kV distribution substation called Malaga Bend as well as two new 115-kV transmission lines. The first line was approximately 11 miles in length from Malaga Bend Substation to Loving South Substation, and the second line was approximately 10 miles in length from Malaga Bend Substation to Phantom Interchange. This substation was needed to serve the rapidly increasing new distribution loads in the surrounding area.

Q. Please describe the types of projects included in the "RE" category.

A. This category of investment contains the capital additions for transmission upgrades identified by SPS or the SPP that are needed to maintain reliability on the SPS transmission system. Upgrades required by the SPP Transmission Expansion Planning process and NERC compliance fall into this category as well. SPS's Texas retail customers benefit from the improvement in transmission system reliability by having a reduced risk with respect to both frequency and duration of outages, and by having reduced operational constraints. The total investment in this category is $187,233,480 on a total company basis. The projects described below account for approximately 83% of the total capital additions in this category. The remaining projects are similar in

that they address reliability issues, which is integral to SPS's ability to provide reliable electric service to its customers.

- **OPIE TUCO-Hobbs 345kV_PID 30376 ($113,762,510 total company) (WBS Level 2 Numbers A.0000673.021, .022, .023, .025, .026, .030, .031, .032, .033, .039, and .040)** – 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. This project group includes both General and Transmission Plant additions.

- **Eddy County Dbl Bus Dbl Brker 230kV ($19,298,613 total company) (WBS Level 2 Numbers A.0000290.001, .003, .004, .005, .006, .008, .009, and .010)** – 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. This project group includes both General and Transmission Plant additions.

- **OPIE N Loving-S Loving 115kV ($8,663,543 total company) (WBS Level 2 Numbers A.0000424.119, .120, .121, .122, and .257)** – This project constructed approximately three miles of 115-kV transmission line from Loving North Substation to Loving South Substation and converted Loving South Substation from 69-kV to 115-kV operation. This upgrade was needed to reduce the 69-kV loading on the 115/69-kV transformers at Carlsbad Plant Interchange.

- **Plant X 115kV BFR ($8,386,319 total company) (WBS Level 2 Numbers A.0000842.001, .002, .004, .005, .006, .007, and .008)** – This project added breaker failure relaying to the 115-kV breakers at the Plant X Substation. This project was needed to address NERC compliance requirements as well as to mitigate stability and reliability issues on the transmission system. This project group includes both General and Transmission Plant additions.

- **Deaf Smith 230kV Breaker Add ($6,164,279 total company) (WBS Level 2 Numbers A.0000916.004, .007, .008, .010, and .011)** – This project created a ring bus on the 230-kV side of the Deaf Smith Substation. This project group includes both General and Transmission Plant additions.

Q. Please describe the types of projects included in the "SR" category.

A. This category of investment contains the capital additions for transmission upgrades to replace storm-damaged, obsolete, and failed equipment. SPS's Texas retail customers benefit from these capital additions through restoration of service, improved transmission reliability, the prevention of possible future outages, and avoidance of higher maintenance costs associated with some aging equipment. These projects include those that are ongoing in nature, such as capital work to replace damaged assets. The total investment in this category is $47,089,497 on a total company basis. The projects described below account for approximately 86% of the total capital additions in this category. The remaining projects are similar in nature in that they replace storm-damaged or failed equipment, which is integral to SPS's ability to provide reliable electric service to its customers.

- **S&E - SPS Line ($12,677,230 total company) (WBS Level 2 Numbers A.0000303.007, .027, .040, .041, .042, .043, .044, .045, .046, .047, .053, .055, .056, .057, .058, .059, .061, .062, .063, .064, .067, .069, .083, .090, and .092)** – 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.

- **Line ELR SPS ($12,538,877 total company) (WBS Level 2 Numbers A.0000499.011, .012, .013, .015, .019, .020, .026, .027, .029, .030, .031, .033, and .052)** – The term "ELR" stands for End of Life Replacement. This project provided for improvement work on transmission lines to address high priority capital defects, such as defective wood poles and cross arms, that were discovered through line inspections. Work in the 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 to return the transmission lines to overall good health.

- **SPS Switch Replace ($7,022,489 total company) (WBS Level 2 Numbers A.0000514.002, .004, .006, .007, and .008)** – This project replaced switches with cap and pin insulators because of 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. This project group includes both General and Transmission Plant additions.

- **Facility Upgrade Ancillary Equip ($5,523,101 total company) (WBS Level 2 Numbers A.0001273.005, .008, .014, .015, .016, .020 and A.0001369.001)** – This project provided for the replacement of failing switches, jumpers and other ancillary equipment. This work was done at several substations as part of a multi-year program to replace equipment that is obsolete, that requires parts that are no longer available, or that requires significant operations and maintenance expenditures to keep it in service. This project group includes both General and Transmission Plant additions.

- **ELR - Breakers - SPS ($2,925,829 total company) (WBS Level 2 Numbers A.0000640.008, .020, .021, .023, .033, .034, .035, .036 and .039)** –This project replaced circuit breakers 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 breakers that are obsolete, that require parts that are no longer available, or that require significant operations and maintenance expenditures to keep them in service.

Q. Please describe the types of projects included in the "TI" category.

A. This category of investment contains the capital additions for transmission system upgrades necessary to connect transmission systems of neighboring utilities to the SPS transmission system. SPS is obligated to provide this interconnection service pursuant to the SPP OATT. SPS's Texas retail customers benefit from these capital additions because they may also provide improved access to market-based energy resources and also improved overall system reliability from expanded transmission system interconnection. The total

investment in this category is $99,333 on a total company basis. The project described below accounts for more than 100% of the total capital additions in this category because the other project had a credit identified from project closing activities, which removed dollars from the total capital additions. These projects are integral to SPS's ability to provide reliable electric service to its customers.

- **TUCO Mooreland (Woodward) ($268,906 total company) (WBS Level 2 Numbers A.0000417.015 and A.0000665.005)** – This project constructed a single-circuit 345-kV transmission line between the TUCO Substation, near Lubbock, Texas, and OG&E's 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. The capital additions during this period were for continuing right-of-way acquisition and associated legal fees. This project is also an Economic Project, and therefore only half of the total shown above ($134,453 total company) is credited to Transmission Interconnection Projects. This project was identified in the SPP's Balanced Portfolio Economic Studies. SPP issued SPS an NTC for this project.

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

A. This category of investment contains the capital additions for transmission projects such as tool and equipment purchases, spare parts, and data acquisition including fault or disturbance recorders. These capital additions support the projects in the first six categories and enhance or improve transmission reliability, for example by enabling SPS to conduct diagnostic testing to prevent outages. The total investment in this category is $13,012,687 on a total company basis. The projects described below account for approximately 80% of the total capital additions in this category. The remaining projects are similar in nature in

that they involve purchasing of equipment or spare parts, which is integral to SPS's ability to provide reliable electric service to its customers.

- **SPS Sub Communication Network Group 1 ($2,891,387 total company) (WBS Level 2 Numbers A.0000795.001, .002, .003, .009, and .010)** – These projects provided for the construction of a fiber optics communication infrastructure within the SPS region. The first leg of a multi-year effort started 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. This project group includes both General and Transmission Plant additions.

- **Transportation - SPS ($2,328,738 total company) (WBS Level 2 Numbers A.0006056.165, .223 and .224)** – 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 would they have the necessary equipment to perform needed transmission construction work.

- **Security Access Control System ($1,964,684 total company) (WBS Level 2 Numbers A.0001118.006, .007, and .009)** – 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.

- **Fault Recorders - SPS ($1,284,019 total company) (WBS Level 2 Numbers A.0000556.016, .017, .020, and .022)** – This project installed fault recorders for disturbance monitoring at substations. This project group includes both General and Transmission Plant additions.

- **TxDot Relocate ($1,187,912 total company) (WBS Level 2 Number A.0001383.002)** – 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.

- **RTU - EMS Upgrade - SPS ($784,131 total company) (WBS Level 2 Numbers A.0000588.011, .031, .032, and .033)** – This project replaced remote terminal units ("RTU") that were at the end of their useful service life.

Q. The amounts shown in Attachments JJC-RR-1 and JJC-RR-2 include capitalized affiliate costs. Were those affiliate costs necessary to complete the Transmission-related capital projects?

A. Yes. These affiliate charges are for engineering, construction, technical supervision, management, safety, and other related work to develop, upgrade, and construct transmission facilities. Many employees in the transmission organization, as well as employees in other departments that support transmission activities, perform work that results in their labor and expenses being capitalized, rather than expensed. For example, transmission engineers who do design work routinely charge their time to specific capital projects, and these costs are charged back to SPS as part of the capital project cost. In addition, the capital projects include overhead charges that reflect costs for labor, goods, and services as discussed by Mr. Moeller. When those projects are complete, the costs, including the labor charges, are recorded as new assets. Affiliate charges included in Attachment JJC-RR-2 are $3,423,756, which is approximately 1.3% of SPS's total Transmission-related capital costs for projects placed in service during the period from July 1, 2019 through September 30, 2020.

Q. Are the costs of these capitalized affiliate charges reasonable?

A. Yes. SPS witness Perry D. Foster addresses the reasonableness of the Updated Test Year affiliate charges to SPS for the Transmission and Substations affiliate

class, the affiliate class that contains these capitalized costs. Mr. Foster discusses the services provided, and he explains that:

- those services are reasonable and necessary for SPS's operation;
- the costs for those services are reasonable and necessary;
- the services do not duplicate services that SPS provides to itself or that are provided from any other source; and
- the XES charges to SPS for those services are no higher than the charges to SPS affiliates for the same or similar services.

The services provided by the Transmission & Substation affiliate class as discussed by Mr. Foster represent the same type of affiliate services that were provided during the capital addition period from July 1, 2019 through September 30, 2020 and were applicable to the associated capitalized affiliate costs of $3,423,756. Thus, Mr. Foster's discussion supports the reasonableness and necessity of these capitalized affiliate costs for the period from July 1, 2019 through September 30, 2020. In addition, SPS witnesses Ross L. Baumgarten and Mr. Moeller explain that charges for labor, goods, and services received by SPS from the Operating Companies and XES, (Column I of Attachment JJC-RR-2), are reasonable and necessary and that the processes for including those capitalized charges are appropriate and meet regulatory standards.

Q. What is the difference between the affiliate charges for the Transmission & Substation affiliate class discussed by Mr. Foster and the affiliate charges you discuss regarding capital additions?

A. The Transmission & Substation affiliate charges reflect the operation and maintenance affiliate expenses incurred during the Updated Test Year. In

contrast, the affiliate charges discussed in my testimony refer to the capitalized affiliate charges associated with the Transmission-related capital additions that were closed to plant-in-service during the period from July 1, 2019 through September 30, 2020.

Q. Are the Transmission capital additions, including the capitalized affiliate charges, for the period of July 1, 2019 through September 30, 2020 presented in Attachment JJC-RR-2 reasonable and necessary?

A. Yes. The Transmission capital additions presented in Attachment JJC-RR-2 are reasonable and necessary to expand and sustain the transmission grid that serves as the path between generation and customers taking service from the transmission and distribution systems. For example, SPS must construct new transmission lines and substations to interconnect new generation and to deliver energy reliably through the transmission grid. SPS also must complete transmission system rehabilitation projects related to transmission line and substation improvements, replacement of obsolete and failed equipment, and replacement of systems damaged by storms. These new and reinforced transmission lines, substations, and protection and control systems are integral to providing safe and reliable service to SPS customers. The process for developing costs and managing projects ensures that the expenditures are reasonable and necessary and that the costs were prudently incurred, as discussed earlier in my testimony.

B. Transmission Capital Additions for the Period from October 1, 2020 through December 31, 2020

Q. Please describe the Transmission capital additions SPS is requesting to include in its rate base for the period from October 1, 2020 through December 31, 2020.

A. The capital additions that SPS placed in service during the Update Period are similar to the projects that closed to plant-in-service during the period from July 1, 2019 through September 30, 2020. As initially filed, the costs reflected in Attachment JJC-RR-3 are estimated amounts, including the capitalized affiliate amounts. SPS will provide actual costs for the Update Period, including an updated version of Attachment JJC-RR-3, in the 45-day update. Like the projects discussed above, these projects support SPS's ability to provide safe and reliable electric service to its customers.

Q. What is the dollar amount of the Transmission capital additions for the period of October 1, 2020 through December 31, 2020 that SPS is requesting to include in rate base?

A. SPS is requesting $181,285,587 on a total company basis (including capitalized affiliate costs) in Transmission capital additions for the period from October 1, 2020 through December 31, 2020. This total company amount consists of Transmission plant capital additions of $174,238,167 and General plant capital additions of $7,047,420. Ms. Niemi allocates the total company dollar amount among SPS's jurisdictions (Texas retail; New Mexico retail; and wholesale) in the cost of service study she presents.

Q. Are the affiliate costs for these projects reasonable and necessary?

A. Yes. Affiliate costs associated with these projects are incurred for the same reasons they were incurred on the projects placed in service during the period from July 1, 2019 through September 30, 2020. As initially filed, Attachment JJC-RR-3 contains the total amount of estimated affiliate charges, which is based on historical percentages for the different classes of assets. This is explained in more detail by Mr. Moeller. The updated version of Attachment JJC-RR-3 will reflect actual affiliate charges for the period. These costs satisfy the standards for inclusion of affiliate costs in rates for the reasons presented in the testimony of Mr. Foster.

Q. Are those affiliate costs necessary to complete the Transmission-related capital projects?

A. Yes. Affiliate costs were incurred for the same reasons they were incurred on the projects placed in service between July 1, 2019 and September 30, 2020, which I discussed earlier in my testimony.

Q. Are these capitalized affiliate charges reasonable?

A. Yes. These costs satisfy the standards for inclusion of affiliate costs in rates for the reasons presented in the testimony of Mr. Foster, Mr. Baumgarten, and Mr. Moeller regarding the reasonableness of affiliate charges.

Q. Please describe the information included in Attachment JJC-RR-3, which provides details about the dollar amount for Transmission capital additions for the period of October 1, 2020 through December 31, 2020.

A. Attachment JJC-RR-3 provides the information listed in Table JJC-RR-4 (next page):

Table JJC-RR-4

Column A —	Asset Class	Identifies the type of asset
Column B —	Witness	Identifies the witness supporting the project
Column C —	Project Category	Provides a classification of the project group's type
Column D—	Additions to Plant-in-Service (October 1, 2020-December 31, 2020)	The total company dollar amount of the additions to plant-in-service for the period of October 1, 2020 through December 31, 2020
Column E —	Total Affiliate Charges (Included in Column D)	The XES charges and other affiliate charges associated with the new plant-in-service shown in Column (D)
Column F —	WBS Level 1 Project Group Name and Description	Provides the WBS Level 1 project group name and a summary description of the project group.

Q. Please describe the Transmission capital additions placed in service for the Update Period of October 1, 2020 through December 31, 2020.

A. The Transmission capital additions listed in Attachment JJC-RR-3 are the capital additions that SPS placed in service between October 1, 2020 and December 31, 2020. They are similar to the projects that closed to plant-in-service during the period from July 1, 2019 through September 30, 2020, which are discussed in the previous subsection of my testimony. They support SPS's transmission operations and SPS's ability to provide safe and reliable electric service to its customers. As shown in Table JJC-RR-5 (next page), the Transmission capital additions for the period of October 1, 2020 through December 31, 2020 fall within one or more of the seven categories described in the previous subsection

of my testimony. When a project group falls into two project categories, the dollar cost of the project group is split equally between the two categories.

Table JJC-RR-5

Transmission Capital Additions
for the Period from October 1, 2020 through December 31, 2020

Project Category	Transmission Capital Additions (Total Company)
Economic (EC)	$(5,172)
Generation Interconnection (GI)	$299,166
Load Interconnection (LI)	$36,340,355
Reliability Project (RE)	$103,633,405
System Refurbishment (SR)	$28,389,567
Transmission Interconnection (TI)	$(5,172)
Other (OT)	$12,633,439
TOTAL	**$181,285,587**

Q. Please describe the types of projects included in the "EC" category.

A. The general description of the EC category provided in the previous subsection of this testimony also applies to the projects identified as "EC" on Attachment JJC-RR-3. The total planned investment in this category amounts to ($5,172) on a total company basis during the period. The project described below accounts for over 100% of the total capital additions in this category because the other project had a credit identified from project closing activities, which removed dollars from the total capital additions. The remaining project is similar in nature in that it involved transmission interconnections to the SPP grid. These projects are integral to SPS's ability to provide reliable electric service to its customers.

- **TUCO Mooreland (Woodward) ($466 total company)** – This project constructed a single-circuit 345-kV transmission line between the TUCO Substation, near Lubbock, Texas, and OG&E's 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. The capital additions during this period were for continuing right-of-way acquisition and associated legal fees. This project is also a Transmission Interconnection Project, and therefore only half of the total shown above ($233 total company) is credited to Economic Projects. This project was identified in the SPP's Balanced Portfolio Economic Studies. SPP issued SPS an NTC for this project.

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

A. The general description of the GI category provided in the previous subsection of this testimony also applies to the projects identified as "GI" on Attachment JJC-RR-3. The total planned investment in this category amounts to $299,166 on a total company basis during the period. The project described below accounts for over 100% of the total capital additions in this category because all but one of the other projects have credits identified from project closing activities, which removed dollars from the total capital additions. The remaining projects are similar in nature in that they connect new generation sources to the transmission system, which is integral to SPS's ability to provide reliable electric service to its customers.

- **GEN-2011-025 Fiber Wind ($315,044 total company)** – This project provided a 115-kV interconnection for Fiber Wind LLC's 80 megawatt wind energy facility located in Crosby County, Texas.

Q. Please describe the types of projects included in the "LI" category.

A. The general description of the LI category provided in the previous subsection of this testimony also applies to the projects identified as "LI" on Attachment JJC-RR-3. The total planned investment in this category amounts to $36,340,355 on a total company basis during the period. The projects described below account for approximately 82% of the total capital additions in this

category. The remaining projects are similar in nature in that they connect new load-serving substations to the transmission system, which is integral to SPS's ability to provide reliable electric service to its customers.

- **OPIE 3 Malaga Bend ($16,707,482 total company)** – This project installed a new 115-kV distribution substation called Malaga Bend as well as two new 115-kV transmission lines. The first was a line approximately 11 miles in length from Malaga Bend Substation to Loving South Substation, and the second was a line approximately 10 miles in length from Malaga Bend Substation to Phantom Interchange. This substation was needed to serve the rapidly increasing new distribution loads in the surrounding area.

- **OPIE 3 Roadrunner-China Draw 345kV ($13,192,329 total company)** – This project installed the new 345/115-kV Phantom Substation as well as two new 345-kV transmission lines. The first was a line approximately 20 miles in length from Phantom Substation to China Draw Substation, and the second was a line approximately 21 miles in length from Phantom Substation to Roadrunner Substation. This project is also a Reliability Project, and therefore only half of the total shown above ($6,596,164 total company) is credited to Load Interconnection Projects. 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. This project group includes both General and Transmission Plant additions.

- **OPIE 3 W 39 Rebuild ($6,507,571 total company)** – This project replaced approximately eight miles of 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.

Q. Please describe the types of projects included in the "RE" category.

A. The general description of the RE category provided in the previous subsection of this testimony also applies to the projects identified as "RE" on Attachment JJC-RR-3. The total planned investment in this category amounts to $103,633,405 on a total company basis during the period. The projects described below account for approximately 83% of the total capital additions in this

category. The remaining projects are similar in nature in that they address reliability issues, which is integral to SPS's ability to provide reliable electric service to its customers.

- **OPIE 2 Kiowa-Eddy Co 345kV ($61,206,127 total company)** – 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. This project group includes both General and Transmission Plant additions.

- **Mustang - Seminole 115kV Ckt1 New Line ($14,170,333 total company)** – This project installed a 17-mile, 115-kV line and new substation 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. This project group includes both General and Transmission Plant additions.

- **OPIE TUCO-Hobbs 345kV_PID 30376 ($10,540,539 total company)** – 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 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. This project group includes both General and Transmission Plant additions.

Q. Are there any other transmission reliability capital additions costs during the October 1, 2020 through December 31, 2020 period that are not reflected in your attachments?

A. Yes. The costs associated with the project to install equipment to use the two existing generators at Tolk Station as synchronous condensers are included in

SPS witness Mark Lytal's attachments. The installed equipment is a transmission asset, but SPS's Energy Supply group developed, budgeted, and constructed the project, so Mr. Lytal includes those capital addition dollars and the description of this project in his testimony.

Q. Please describe the need for the synchronous condensers at Tolk Station.

A. In my direct testimony in Docket No. 49831, I described the need for the two synchronous condensers at Tolk Station when both generating units are offline during the reduced operations period of October through May. Attachment JJC-RR-6 contains the powerflow analysis SPS completed on steady state and stability models and simulating generation and transmission outages to show potential issues on the transmission system for Tolk Station in the reduced operations mode. The contingencies performed in this analysis were chosen to align with the compliance requirements that SPS must meet in the NERC standard TPL-001-4. To summarize, the transmission system was designed to have one or both of the Tolk generating units online to provide voltage support and reactive power support to the system, which is especially critical during electrical faults on the system and for other contingency situations. Steady state power flow models and stability models simulating generation and transmission outages show that the transmission system could experience unstable oscillations and voltage collapse during specific contingencies during periods of high wind output and low fossil fuel generation output when both Tolk Station generating units are offline. The studies determined that the oscillation and voltage collapse concerns could be mitigated in the immediate future by operating one of the Tolk generators as a synchronous condenser. The transmission system would still be

vulnerable if the one synchronous condenser tripped or was out of service, so both generators were planned to be operated as synchronous condensers.

Q. Please describe how the synchronous condensers provide electrical stability and voltage support to the transmission system.

A. In the generating mode at Tolk Station, the steam from the coal boilers spin the steam turbines, which rotates the shaft of the electrical generator and causes it to produce electrical power. In synchronous condenser mode, these same electrical generators can be operated by disconnecting them from the steam turbines and running them as electric motors on the transmission system. These large spinning machines provide electrical "inertia" to the transmission system, helping to provide stability and dynamic response to the system so that it can operate reliably during system disturbances. These synchronous condensers can nearly instantaneously generate or absorb reactive power as needed, just as the electrical generators do when operating in the generation mode. The synchronous condensers' ability to generate or absorb reactive power quickly allows them to support system voltages and dampen voltage oscillations when they occur.

Q. Please describe the types of projects included in the "SR" category.

A. The general description of the SR category provided in the previous subsection of this testimony also applies to the projects identified as "SR" on Attachment JJC-RR-3. The total planned investment in this category amounts to $28,389,567 on a total company basis during the period. The projects described below account for approximately 83% of the total capital additions in this category. The remaining projects are similar in nature in that they replace storm-

damaged or failed equipment, which is integral to SPS's ability to provide reliable electric service to its customers.

- **S&E - SPS Line ($8,913,090 total company)** – 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.

- **ELR - Breakers - SPS ($3,911,147 total company)** –This project replaced circuit breakers 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 breakers that are obsolete, for which parts are no longer available, or require significant operations and maintenance spend to keep them in service.

- **SPS Group 1 Switch Replacements ($2,041,069 total company)** – These projects replaced old high-maintenance or broken switches with new switches. This project group includes both General and Transmission Plant additions.

- **Spearman Breaker Replacements ($1,977,257 total company)** – 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. This project group includes both General and Transmission Plant additions.

- **Carlisle Cap Bank Rplmt ($1,860,309 total company)** – 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. This project group includes both General and Transmission Plant additions.

- **ELR RFL9300 Relays SPS ($1,663,942 total company)** – This project replaced the RFL-9300 relay systems with new SEL-411L line current differential relay systems. The RFL-9300 hardware was obsolete and its electrical components were 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. This project group includes both General and Transmission Plant additions.

- **S&E - SPS Sub ($1,590,325 total company)** – These projects provided for the storm and emergency work orders that repaired substation facilities damaged by inclement weather and natural disasters. This project group includes both General and Transmission Plant additions.

- **Line ELR SPS ($1,475,045 total company)** –This project provided for improvement work on transmission lines to address high priority capital defects, such as defective wood poles and cross arms, that were discovered through 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.

Q. Please describe the types of projects included in the "TI" category.

A. The general description of the TI category provided in the previous subsection of this testimony also applies to the projects identified as "TI" in Attachment JJC-RR-3. The total planned investment in this category amounts to ($5,172) on a total company basis during the period. The project described below accounts for over 100% of the total capital additions in this category because the other project had a credit identified from project closing activities, which removed dollars from the total capital additions. The remaining project is similar in nature in that it involved transmission interconnections to the SPP grid. These projects are integral to SPS's ability to provide reliable electric service to its customers.

- **TUCO Mooreland (Woodward) ($466 total company)** – This project constructed a single-circuit 345-kV transmission line between the TUCO Substation, near Lubbock, Texas, and OG&E's 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. The capital additions during this period were for continuing right-of-way

acquisition and associated legal fees. This project is also an Economic Project, and therefore only half of the total shown above ($233 total company) is credited to Transmission Interconnection Projects. This project was identified in the SPP's Balanced Portfolio Economic Studies. SPP issued SPS an NTC for this project.

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

A. The general description of the OT category provided in the previous subsection of this testimony also applies to the projects identified as "OT" in Attachment JJC-RR-3. The total planned investment in this category amounts to $12,633,439 on a total company basis during the period. The projects described below account for approximately 81% of the total capital additions in this category. The remaining projects are similar in nature in that they involve purchasing of equipment or spare parts, which is integral to SPS's ability to provide reliable electric service to its customers.

- **SPS Sub Communication Network Group 1 ($3,217,043 total company)** – These projects provided for the construction of a fiber optics communication infrastructure within the SPS region. The first leg of a multi-year effort started in the Amarillo area by installing 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 SCADA system. This project group includes both General and Transmission Plant additions.

- **Physical Security ($2,241,606 total company)** – 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. This project group includes both General and Transmission Plant additions.

- **TxDot Relocate ($1,799,734 total company)** – This project replaced transmission structures on several transmission lines to clear the right of way for a 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.

- **Security Access Control System ($1,530,771 total company)** – 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.

- **Transportation - SPS ($1,418,569 total company)** – 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.

Q. Are the Transmission capital additions presented in Attachment JJC-RR-3 consistent with what is expected to be placed in service during the period of October 1, 2020 through December 31, 2020?

A. Yes. With respect to the included projects, the actual charges of any single capital project may vary somewhat from the planned amount on Attachment JJC-RR-3, but it is possible that other projects will emerge or replace those listed. Attachment JJC-RR-3 is a reasonable estimate of the total costs of the Transmission capital investment that have been placed in service during the period of October 1, 2020 through December 31, 2020.

Q. Are the Transmission capital additions, including the capitalized affiliate charges, for the period presented in Attachment JJC-RR-3 reasonable and necessary?

A. Yes. As discussed in my testimony above, the Transmission capital additions presented in Attachment JJC-RR-3 are reasonable and necessary to expand and sustain the transmission grid that serves as the path between generation and customers taking service from the transmission and distribution systems in the

same manner as the Transmission capital additions that were placed into service during the period of July 1, 2019 through September 30, 2020. As with those projects, SPS must construct new transmission lines and substations to interconnect new generation and to deliver energy reliably through the transmission grid, as well as to complete transmission system rehabilitation projects related to transmission line and substation improvements, replace obsolete and failed equipment, and replace systems damaged by storms. These new and reinforced transmission lines, substations, and protection and control systems are integral to providing safe and reliable service to SPS customers. The process for developing costs and managing projects ensures that the expenditures are reasonable and necessary and that the costs were prudently incurred, as discussed earlier in my testimony.

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

A. Yes.

AFFIDAVIT

STATE OF TEXAS)
)
COUNTY OF RANDALL)

JARRED J. COOLEY first being sworn on his oath, states:

I am the witness identified in the preceding testimony. I have read the testimony and the accompanying attachment(s) and am familiar with the contents. Based upon my personal knowledge, the facts stated in the testimony are true. In addition, in my judgment and based upon my professional experience, the opinions and conclusions stated in the testimony are true, valid, and accurate.

JARRED J. COOLEY

Subscribed and sworn to before me this 4 day of February, 2021 by JARRED J. COOLEY.

JILL SCHESSLER
Notary ID #130116925
My Commission Expires
February 13, 2023

Notary Public, State of Texas

My Commission Expires: February 13, 2023

Southwestern Public Service Company

Transmission Capital Additions
July 1, 2019 through September 30, 2020

	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
1	A.0000194.006.001.001	COCHRAN REPLACE RTU COMM	Electric General	Cooley	RE	A.0000194.006
2						A.0000194.006 Total
3	A.0000194.007.001.001	COCHRAN ADD COMM EQUIPMENT	Electric General	Cooley	RE	A.0000194.007
4						A.0000194.007 Total
5	A.0000296.007.001.002	LA PLATA DCP COMM	Electric General	Cooley	RE	A.0000296.007
6						A.0000296.007 Total
7	A.0000424.164.001.002	NORTH LOVING 345KV COMMUNICATIONS	Electric General	Cooley	RE	A.0000424.164
8						A.0000424.164 Total
9	A.0000424.168.001.002	CHINA DRAW 345KV COMMUNICATIONS	Electric General	Cooley	RE	A.0000424.168
10						A.0000424.168 Total
11	A.0000424.222.001.001	QUAHADA UPGR 115KV PCA LN COMM	Electric General	Cooley	RE	A.0000424.222
12						A.0000424.222 Total
13	A.0000540.017.001.001	ATOKA SUBSTATION - COMM	Electric General	Cooley	RE	A.0000540.017
14						A.0000540.017 Total
15	A.0000588.011.001.002	Moore Co RTU replacement	Electric General	Cooley	OT	A.0000588.011
16						A.0000588.011 Total
17	A.0000658.006.001.001	Terry Co Comm	Electric General	Cooley	RE	A.0000658.006
18						A.0000658.006 Total
19	A.0000710.007.001.003	ROOSEVELT CTY SECURITY CAMERA UPGR	Electric General	Cooley	OT	A.0000710.007
20	A.0000710.007.001.004	Hobbs Gen SECURITY CAMERA UPGRADE C	Electric General	Cooley	OT	A.0000710.007
21						A.0000710.007 Total
22	A.0000710.008.001.009	TOLK SECUIRTY CAMERA UPGRADE COMM	Electric General	Cooley	OT	A.0000710.008
23	A.0000710.008.001.010	TUCO SECURITY CAMERA UPGRADE COMM	Electric General	Cooley	OT	A.0000710.008
24	A.0000710.008.001.012	HARRINGTON STN PHYSICAL SECURITY CO	Electric General	Cooley	OT	A.0000710.008
25	A.0000710.008.001.013	YOAKUM PHYSICAL SECURITY COMM UPGR	Electric General	Cooley	OT	A.0000710.008
26	A.0000710.008.001.011	HITCHLAND PHYSICAL SECURITY COMM UP	Electric General	Cooley	OT	A.0000710.008
27						A.0000710.008 Total
28	A.0000795.003.001.001	SOGE Fiber Ring Comm	Electric General	Cooley	OT	A.0000795.003
29	A.0000795.003.001.011	SPS GRP1 COMM NETWORK UPGRADE - NIC	Electric General	Cooley	OT	A.0000795.003
30	A.0000795.003.001.014	CLTR Fiber Ring Comm	Electric General	Cooley	OT	A.0000795.003
31	A.0000795.003.001.018	Hillside Sub COMM upgrade	Electric General	Cooley	OT	A.0000795.003
32	A.0000795.003.001.017	OUTP Fiber Comm	Electric General	Cooley	OT	A.0000795.003
33						A.0000795.003 Total
34	A.0000948.003.001.003	EDDY COUNTY CIP DUAL NETWORK COMM	Electric General	Cooley	OT	A.0000948.003
35						A.0000948.003 Total
36	A.0000948.004.001.023	TUCO CIP Frame Relay	Electric General	Cooley	OT	A.0000948.004
37	A.0000948.004.001.024	HTLD CIP Frame Relay	Electric General	Cooley	OT	A.0000948.004
38						A.0000948.004 Total

Southwestern Public Service Company

Transmission Capital Additions
July 1, 2019 through September 30, 2020

	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
1	A.0000194.006.001.001	Cochran RTU, Comm	2018-12	$ 56,301.16	$ -	$ -	$ -	$ 56,301.16
2				56,301.16	-	-	-	56,301.16
3	A.0000194.007.001.001	Cochran Comm Equiup	2018-12	8,631.60	-	-	-	8,631.60
4				8,631.60	-	-	-	8,631.60
5	A.0000296.007.001.002	New Centre St Comm	2018-04	(212,859.09)	-	-	-	(212,859.09)
6				(212,859.09)	-	-	-	(212,859.09)
7	A.0000424.164.001.002	N Loving 345kV Sub Comms_UID 5	2018-05	342.20	-	-	-	342.20
8				342.20	-	-	-	342.20
9	A.0000424.168.001.002	China Draw 345kV Sub Comms_UID	2016-12	23.41	-	-	-	23.41
10				23.41	-	-	-	23.41
11	A.0000424.222.001.001	Quahada Communication	2018-07	(5,001.96)	-	-	-	(5,001.96)
12				(5,001.96)	-	-	-	(5,001.96)
13	A.0000540.017.001.001	Atoka Comm Sub Portion Comm	2018-12	(3,501.81)	-	-	-	(3,501.81)
14				(3,501.81)	-	-	-	(3,501.81)
15	A.0000588.011.001.002	Moore Co 115kV RTU Rplmnt	2018-12	16,417.35	76.76	-	76.76	16,340.59
16				16,417.35	76.76	-	76.76	16,340.59
17	A.0000658.006.001.001	Terry Co Comm	2018-11	943.32	943.32	-	943.32	-
18				943.32	943.32	-	943.32	-
19	A.0000710.007.001.003	NM Physical Security Comm	2017-12	1,610.55	1,610.55	-	1,610.55	-
20	A.0000710.007.001.004	NM Physical Security Comm	2019-06	11,487.64	4,439.37	-	4,439.37	7,048.27
21				13,098.19	6,049.92	-	6,049.92	7,048.27
22	A.0000710.008.001.009	SPS Physical Security Comm	2017-12	852.64	852.64	-	852.64	-
23	A.0000710.008.001.010	SPS Physical Security Comm	2017-12	263.16	75.56	-	75.56	187.60
24	A.0000710.008.001.012	SPS Physical Security Comm	2018-12	8,528.33	-	-	-	8,528.33
25	A.0000710.008.001.013	SPS Physical Security Comm	2018-12	432.70	-	-	-	432.70
26	A.0000710.008.001.011	SPS Physical Security Comm	2019-04	976.01	-	-	-	976.01
27				11,052.84	928.20	-	928.20	10,124.64
28	A.0000795.003.001.001	SPS Sub Comm Network Group 1 C	2018-12	34,809.01	2,027.67	-	2,027.67	32,781.34
29	A.0000795.003.001.011	SPS Sub Comm Network Group 1 C	2019-10	1,075.65	1,071.79	-	1,071.79	3.86
30	A.0000795.003.001.014	SPS Sub Comm Network Group 1 C	2019-12	422,958.19	7,129.93	-	7,129.93	415,828.26
31	A.0000795.003.001.018	SPS Sub Comm Network Group 1 C	2019-12	143,684.96	2,570.16	-	2,570.16	141,114.80
32	A.0000795.003.001.017	SPS Sub Comm Network Group 1 C	2020-03	177,330.61	6,184.19	-	6,184.19	171,146.42
33				779,858.42	18,983.74	-	18,983.74	760,874.68
34	A.0000948.003.001.003	NM Frame Relay Comm	2018-10	(11,089.46)	-	-	-	(11,089.46)
35				(11,089.46)	-	-	-	(11,089.46)
36	A.0000948.004.001.023	TX Frame Relay Comm	2018-12	(7,006.03)	943.32	-	943.32	(7,949.35)
37	A.0000948.004.001.024	TX Frame Relay Comm	2019-01	2,134.38	-	-	-	2,134.38
38				(4,871.65)	943.32	-	943.32	(5,814.97)

Southwestern Public Service Company

Transmission Capital Additions
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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
39	A.0001067.003.001.001	Lubbock East Communication	Electric General	Cooley	SR	A.0001067.003
40						A.0001067.003 Total
41	A.0001118.009.001.001	Lock and Key System SPS OK	Electric General	Cooley	OT	A.0001118.009
42						A.0001118.009 Total
43	A.0001283.003.001.001	LEA CO PLAINS COMM UPGRADE	Electric General	Cooley	RE	A.0001283.003
44						A.0001283.003 Total
45	A.0001300.020.001.002	ROSWELL INTG NEW 115KV TERMINAL COM	Electric General	Cooley	RE	A.0001300.020
46						A.0001300.020 Total
47	A.0001310.008.001.002	STEVENS COUNTY COMM	Electric General	Cooley	RE	A.0001310.008
48						A.0001310.008 Total
49	A.0001353.001.001.001	ROOSEVELT - 230KV DOUBLE BUS EXPANS	Electric General	Cooley	RE	A.0001353.001
50						A.0001353.001 Total
51	A.0005014.084.001.001	New Mexico Substation Furnitur	Electric General	Cooley	OT	A.0005014.084
52						A.0005014.084 Total
53	A.0006056.223.001.001	Fleet New Units El Trans NM	Electric General	Cooley	OT	A.0006056.223
54						A.0006056.223 Total
55	A.0006056.224.001.001	Fleet New Units 2016 El Trans	Electric General	Cooley	OT	A.0006056.224
56						A.0006056.224 Total
57	A.0006059.063.001.001	SPS Sub Comm Tool Blanket	Electric General	Cooley	OT	A.0006059.063
58						A.0006059.063 Total
59	A.0006059.432.001.001	Tool Blanket TX Line	Electric General	Cooley	OT	A.0006059.432
60						A.0006059.432 Total
61	A.0006059.434.001.001	SPS Training Center Eq	Electric General	Cooley	OT	A.0006059.434
62	A.0006059.434.001.003	Control Center Remodel	Electric General	Cooley	OT	A.0006059.434
63						A.0006059.434 Total
64	A.0006059.436.001.003	SPS Ops Engineering Tools	Electric General	Cooley	OT	A.0006059.436
65						A.0006059.436 Total
66	A.0000706.002.001.001	HITCHLAND ADD STATION MGR RTU COMM	Electric General	Cooley	GI	A.0000706.002
67						A.0000706.002 Total
68	A.0000296.009.001.002	NE HEREFORD NEW 115KV LN TO LA PLAT	Electric General	Cooley	RE	A.0000296.009
69						A.0000296.009 Total
70	A.0000350.004.001.002	LTDW SUB COMM REIMB	Electric General	Cooley	GI	A.0000350.004
71						A.0000350.004 Total

Southwestern Public Service Company

Transmission Capital Additions
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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
39	A.0001067.003.001.001	Lubbock East Communication	2019-01	267.50	-	-	-	267.50
40				267.50	-	-	-	267.50
41	A.0001118.009.001.001	Lock and Key System OK	In-Serviced Quarterly	14,097.54	1,110.36	-	1,110.36	12,987.18
42				14,097.54	1,110.36	-	1,110.36	12,987.18
43	A.0001283.003.001.001	Business System Equip for Eng Acces	201805	(9,618.60)	-	-	-	(9,618.60)
44				(9,618.60)	-	-	-	(9,618.60)
45	A.0001300.020.001.002	Roswell Intg New 115kV Terminal Com	201811	179,068.94	-	-	-	179,068.94
46				179,068.94	-	-	-	179,068.94
47	A.0001310.008.001.002	Walkemeyer 345/115 Sub Comm	201806	(1,873.10)	-	-	-	(1,873.10)
48				(1,873.10)	-	-	-	(1,873.10)
49	A.0001353.001.001.001	Roosevelt Comm	201806	24,602.60	-	-	-	24,602.60
50				24,602.60	-	-	-	24,602.60
51	A.0005014.084.001.001	New Mexico Substation Furnitur	In-Serviced Quarterly	6,850.06	-	-	-	6,850.06
52				6,850.06	-	-	-	6,850.06
53	A.0006056.223.001.001	Fleet New Units El Trans NM	In-Serviced Monthly	169,531.34	7,129.44	-	7,129.44	162,401.90
54				169,531.34	7,129.44	-	7,129.44	162,401.90
55	A.0006056.224.001.001	Fleet New Unit El Trans TX	In-Serviced Monthly	2,157,294.24	17,085.62	-	17,085.62	2,140,208.62
56				2,157,294.24	17,085.62	-	17,085.62	2,140,208.62
57	A.0006059.063.001.001	SPS Sub Comm Tool Blanket	In-Serviced Quarterly	461,799.83	-	-	-	461,799.83
58				461,799.83	-	-	-	461,799.83
59	A.0006059.432.001.001	Tool Blanket TX Line	In-Serviced Quarterly	679,713.53	-	-	-	679,713.53
60				679,713.53	-	-	-	679,713.53
61	A.0006059.434.001.001	SPS Training Center Tools	In-Serviced Quarterly	8,449.93	-	-	-	8,449.93
62	A.0006059.434.001.003	SPS Training Center Tools	In-Serviced Quarterly	62,186.04	-	-	-	62,186.04
63				70,635.97	-	-	-	70,635.97
64	A.0006059.436.001.003	SPS Ops Engineering Tools	In-Serviced Quarterly	83,387.04	-	-	-	83,387.04
65				83,387.04	-	-	-	83,387.04
66	A.0000706.002.001.001	Hitchland Firewheel Comm	201711	(5,066.82)	-	-	-	(5,066.82)
67				(5,066.82)	-	-	-	(5,066.82)
68	A.0000296.009.001.002	NE Hereford Comm	201804	(3,100.75)	-	-	-	(3,100.75)
69				(3,100.75)	-	-	-	(3,100.75)
70	A.0000350.004.001.002	Lost Draw Comm	201810	(151,365.56)	-	-	-	(151,365.56)
71				(151,365.56)	-	-	-	(151,365.56)

Southwestern Public Service Company

Transmission Capital Additions
July 1, 2019 through September 30, 2020

	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
72	A.0005014.109.001.003	Trans Office Furn - 790 Buchanan	Electric General	Cooley	OT	A.0005014.109
73						A.0005014.109 Total
74	A.0001118.006.001.001	Lock and Key System SPS TX	Electric General	Cooley	OT	A.0001118.006
75						A.0001118.006 Total
76	A.0001118.007.001.001	Lock and Key System SPS NM	Electric General	Cooley	OT	A.0001118.007
77						A.0001118.007 Total
78	A.0000574.007.001.001	Coulter Relay Mod Sub Comm	Electric General	Cooley	RE	A.0000574.007
79						A.0000574.007 Total
80	A.0000902.002.001.001	TUCO RTU ADDITION COMM	Electric General	Cooley	GI	A.0000902.002
81						A.0000902.002 Total
82	A.0000153.003.001.004	Z60 LBEA GRAH SWT 6755 AND SWT 6854	Electric General	Cooley	SR	A.0000153.003
83	A.0000153.003.001.002	Z51 HFSO CSCO 69KV TAP TO DIEA DISO	Electric General	Cooley	SR	A.0000153.003
84	A.0000153.003.001.001	Y99 DVCY 69KV SWITCH 7853 AND 7857	Electric General	Cooley	SR	A.0000153.003
85						A.0000153.003 Total
86	A.0000290.008.001.001	CNST - K23 LINE TERM UPGR COMM	Electric General	Cooley	RE	A.0000290.008
87						A.0000290.008 Total
88	A.0001008.004.001.001	INST 230KV SW STATION COMM	Electric General	Cooley	LI	A.0001008.004
89						A.0001008.004 Total
90	A.0000658.007.001.001	Seagraves Comm	Electric General	Cooley	RE	A.0000658.007
91						A.0000658.007 Total
92	A.0000556.022.001.002	EDCO - Replace 115kV DFR	Electric General	Cooley	OT	A.0000556.022
93						A.0000556.022 Total
94	A.0001063.003.001.002	HTLD Synchrophasor	Electric General	Cooley	OT	A.0001063.003
95	A.0001063.003.001.005	PXST Synchrophasor	Electric General	Cooley	OT	A.0001063.003
96	A.0001063.003.001.007	TUCO Synchrophasor	Electric General	Cooley	OT	A.0001063.003
97	A.0001063.003.001.001	HRST Synchrophasor	Electric General	Cooley	OT	A.0001063.003
98	A.0001063.003.001.004	NICS Synchrophasor	Electric General	Cooley	OT	A.0001063.003
99	A.0001063.003.001.003	JONE Synchrophasor	Electric General	Cooley	OT	A.0001063.003
100						A.0001063.003 Total
101	A.0000401.053.001.001	Blackhawk 1H70 Relay Upgrade COMM	Electric General	Cooley	SR	A.0000401.053
102						A.0000401.053 Total
103	A.0001061.003.001.002	XIT 115KV SUBSTATION TERM UPG	Electric General	Cooley	LI	A.0001061.003
104						A.0001061.003 Total
105	A.0001218.006.001.002	ATOKA Checkpoint FW	Electric General	Cooley	OT	A.0001218.006
106						A.0001218.006 Total
107	A.0006056.165.001.002	D712 Ford F150 Crewcab 4X4 Pickup	Electric General	Cooley	OT	A.0006056.165
108	A.0006056.165.001.003	D713 Ford F150 Crewcab 4X4 Pickup	Electric General	Cooley	OT	A.0006056.165
109						A.0006056.165 Total

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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
72	A.0005014.109.001.003	Gen Plt Ofc Furn TX	In-Serviced Quarterly	13,191.96	-	-	-	13,191.96
73				13,191.96	-	-	-	13,191.96
74	A.0001118.006.001.001	Lock and Key System TX	In-Serviced Quarterly	1,418,859.25	24,509.28	-	24,509.28	1,394,349.97
75				1,418,859.25	24,509.28	-	24,509.28	1,394,349.97
76	A.0001118.007.001.001	Lock and Key System NM	In-Serviced Quarterly	531,726.77	4,998.81	-	4,998.81	526,727.96
77				531,726.77	4,998.81	-	4,998.81	526,727.96
78	A.0000574.007.001.001	Coulter Relay Mod, Sub, COMM	201706	102.17	102.17	-	102.17	-
79				102.17	102.17	-	102.17	-
80	A.0000902.002.001.001	TUCO RTU Addition Comm	201902	(115,624.60)	(5,173.85)	-	(5,173.85)	(110,450.75)
81				(115,624.60)	(5,173.85)	-	(5,173.85)	(110,450.75)
82	A.0000153.003.001.004	SPS Trans Switch Comm	201902	(92.60)	-	-	-	(92.60)
83	A.0000153.003.001.002	SPS Trans Switch Comm	201912	71,983.69	65.69	-	65.69	71,918.00
84	A.0000153.003.001.001	SPS Trans Switch Comm	201905	(22,726.90)	-	-	-	(22,726.90)
85				49,164.19	65.69	-	65.69	49,098.50
86	A.0000290.008.001.001	Cunningham Intg Upgr Eddy Term Comm	201903	(59,827.86)	(282.80)	-	(282.80)	(59,545.06)
87				(59,827.86)	(282.80)	-	(282.80)	(59,545.06)
88	A.0001008.004.001.001	Inst 230kV Sw Station Comm	201903	23,167.70	-	-	-	23,167.70
89				23,167.70	-	-	-	23,167.70
90	A.0000658.007.001.001	Seagraves Comm	201903	2,838.62	-	-	-	2,838.62
91				2,838.62	-	-	-	2,838.62
92	A.0000556.022.001.002	Eddy County 115kV DFR NM	202008	304,721.12	12,960.66	-	12,960.66	291,760.46
93				304,721.12	12,960.66	-	12,960.66	291,760.46
94	A.0001063.003.001.002	TX Synchrophasors	201908	99,036.38	845.07	-	845.07	98,191.31
95	A.0001063.003.001.005	TX Synchrophasors	201908	14,735.83	109.60	-	109.60	14,626.23
96	A.0001063.003.001.007	TX Synchrophasors	201908	62,230.10	-	-	-	62,230.10
97	A.0001063.003.001.001	TX Synchrophasors	201907	47,274.17	5,829.30	-	5,829.30	41,444.87
98	A.0001063.003.001.004	TX Synchrophasors	201907	86,826.08	164.39	-	164.39	86,661.69
99	A.0001063.003.001.003	TX Synchrophasors	201909	41,609.09	4,240.60	-	4,240.60	37,368.49
100				351,711.65	11,188.96	-	11,188.96	340,522.69
101	A.0000401.053.001.001	Blackhawk 1H70 Relay Upg COMM	201904	16,788.37	-	-	-	16,788.37
102				16,788.37	-	-	-	16,788.37
103	A.0001061.003.001.002	Purnell 115kV Sub	201906	(846,483.07)	1,115.00	-	1,115.00	(847,598.07)
104				(846,483.07)	1,115.00	-	1,115.00	(847,598.07)
105	A.0001218.006.001.002	Atoka Com Checkpoint FW NM	201905	(3,750.79)	(865.45)	-	(865.45)	(2,885.34)
106				(3,750.79)	(865.45)	-	(865.45)	(2,885.34)
107	A.0006056.165.001.002	Fleet New Units El Trans	201601	38.88	-	-	-	38.88
108	A.0006056.165.001.003	Fleet New Units El Trans	201601	1,874.00	-	-	-	1,874.00
109				1,912.88	-	-	-	1,912.88

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
110	A.0006059.100.001.001	Tools Blanket TX Subs	Electric General	Cooley	OT	A.0006059.100
111						A.0006059.100 Total
112	A.0001218.013.001.002	Hereford Checkpoint FW	Electric General	Cooley	OT	A.0001218.013
113						A.0001218.013 Total
114	A.0001079.008.001.002	QUINCY SUBSTATION COMMUNICATION	Electric General	Cooley	LI	A.0001079.008
115						A.0001079.008 Total
116	A.0001218.014.001.002	Add Checkpoint FW	Electric General	Cooley	OT	A.0001218.014
117						A.0001218.014 Total
118	A.0000792.003.001.003	SPS GRP3 COMM NETWORK UPGRADE-WOLFF	Electric General	Cooley	OT	A.0000792.003
119						A.0000792.003 Total
120	A.0001079.007.001.002	FRANKFORD SUB COMMUNICATION	Electric General	Cooley	LI	A.0001079.007
121						A.0001079.007 Total
122	A.0001218.008.001.002	New Checkpoint FW at Bowers Sub	Electric General	Cooley	OT	A.0001218.008
123						A.0001218.008 Total
124	A.0006059.246.001.002	SPS Tools Training Center	Electric General	Cooley	OT	A.0006059.246
125						A.0006059.246 Total
126	A.0000514.007.001.002	CARLSBAD COMM REPLACEMENT	Electric General	Cooley	SR	A.0000514.007
127						A.0000514.007 Total
128	A.0006059.258.001.002	SPS Training Center Equipment	Electric General	Cooley	OT	A.0006059.258
129						A.0006059.258 Total
130	A.0000916.011.001.001	Deaf Smith 230kV Breaker Add Sub Co	Electric General	Cooley	RE	A.0000916.011
131						A.0000916.011 Total
132	A.0001284.002.001.001	LNCO-Comm	Electric General	Cooley	RE	A.0001284.002
133						A.0001284.002 Total
134	A.0000401.051.001.001	East Plt 2K50 Relay Rplmnt Comm	Electric General	Cooley	SR	A.0000401.051
135						A.0000401.051 Total
136	A.0002057.003.001.001	China Draw EEE Furn	Electric General	Cooley	RE	A.0002057.003
137						A.0002057.003 Total
138	A.0001218.004.001.002	Maddox Checkpoint FW	Electric General	Cooley	OT	A.0001218.004
139						A.0001218.004 Total
140	A.0001218.001.001.002	New Checkpoint FW at Red Bluff SS	Electric General	Cooley	OT	A.0001218.001
141						A.0001218.001 Total
142	A.0006059.088.001.001	SPS Sys Protect Comm Eng Testing La	Electric General	Cooley	OT	A.0006059.088
143	A.0006059.088.001.002	SPS Sys Protection Testing Eq	Electric General	Cooley	OT	A.0006059.088
144						A.0006059.088 Total
145	A.0000481.003.001.002	Install Ink Basin 230115kV Sub COM	Electric General	Cooley	RE	A.0000481.003
146						A.0000481.003 Total
147	A.0000588.033.001.002	Seven Rivers Sub Replace RTU	Electric General	Cooley	OT	A.0000588.033
148						A.0000588.033 Total
149	A.0001218.009.001.002	BRU- Com Checkpoint FW TX	Electric General	Cooley	OT	A.0001218.009

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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
110	A.0006059.100.001.001	Tools Blanket TX Subs	202004	280,994.81	-	-	-	280,994.81
111				280,994.81	-	-	-	280,994.81
112	A.0001218.013.001.002	Hereford Com Checkpoint FW TX	201911	19,140.50	1,165.99	-	1,165.99	17,974.51
113				19,140.50	1,165.99	-	1,165.99	17,974.51
114	A.0001079.008.001.002	Quincy Substation Communication	201904	12,115.45	-	-	-	12,115.45
115				12,115.45	-	-	-	12,115.45
116	A.0001218.014.001.002	Kress Com Checkpoint FW TX	201908	14,716.92	1,610.07	-	1,610.07	13,106.85
117				14,716.92	1,610.07	-	1,610.07	13,106.85
118	A.0000792.003.001.003	SPS Sub Comm Network Group 3 C	201907	(0.05)	-	-	-	(0.05)
119				(0.05)	-	-	-	(0.05)
120	A.0001079.007.001.002	Frankford Substation Communication	201904	8,876.39	-	-	-	8,876.39
121				8,876.39	-	-	-	8,876.39
122	A.0001218.008.001.002	Bowers Com Checkpoint FW TX	202008	48,606.72	6,326.96	-	6,326.96	42,279.76
123				48,606.72	6,326.96	-	6,326.96	42,279.76
124	A.0006059.246.001.002	Tools Training Center SPS	202004	83,566.59	-	-	-	83,566.59
125				83,566.59	-	-	-	83,566.59
126	A.0000514.007.001.002	Carlsbad Comm Replacement	202005	50,585.55	2,869.89	-	2,869.89	47,715.66
127				50,585.55	2,869.89	-	2,869.89	47,715.66
128	A.0006059.258.001.002	SPS Training Center Equipment	202004	85,775.59	-	-	-	85,775.59
129				85,775.59	-	-	-	85,775.59
130	A.0000916.011.001.001	Deaf Smith 230kV breaker Add Sub Co	201904	2,247.98	-	-	-	2,247.98
131				2,247.98	-	-	-	2,247.98
132	A.0001284.002.001.001	Lynn Co Comm	201905	6,112.46	-	-	-	6,112.46
133				6,112.46	-	-	-	6,112.46
134	A.0000401.051.001.001	East Plt 2K50 Relay Rplmnt Comm	201912	29,481.91	290.64	-	290.64	29,191.27
135				29,481.91	290.64	-	290.64	29,191.27
136	A.0002057.003.001.001	China Draw EEE Furn	201904	(0.01)	-	-	-	(0.01)
137				(0.01)	-	-	-	(0.01)
138	A.0001218.004.001.002	Maddox Com Checkpoint FW NM	201912	12,917.38	3,605.02	-	3,605.02	9,312.36
139				12,917.38	3,605.02	-	3,605.02	9,312.36
140	A.0001218.001.001.002	Red Bluff Com Checkpoint Firewall N	201912	14,169.16	1,558.37	-	1,558.37	12,610.79
141				14,169.16	1,558.37	-	1,558.37	12,610.79
142	A.0006059.088.001.001	SPS Sys Protect Comm Eng Testing Eq	201905	48,954.52	-	-	-	48,954.52
143	A.0006059.088.001.002	SPS Sys Protect Comm Eng Testing Eq	In-Serviced Quarterly	63,026.00	-	-	-	63,026.00
144				111,980.52	-	-	-	111,980.52
145	A.0000481.003.001.002	New Ink Basin 230/115kV Substation	201905	13,906.98	58.36	-	58.36	13,848.62
146				13,906.98	58.36	-	58.36	13,848.62
147	A.0000588.033.001.002	Seven Rivers RTU Rplcmnt	202008	114,623.40	-	-	-	114,623.40
148				114,623.40	-	-	-	114,623.40
149	A.0001218.009.001.002	Bru Com Checkpoint FW TX	201904	1,671.45	1,966.40	-	1,966.40	(294.95)

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
150						A.0001218.009 Total
151	A.0001063.002.001.002	HBGN Synchrophasor	Electric General	Cooley	OT	A.0001063.002
152	A.0001063.002.001.003	KIWa Synchrophasor	Electric General	Cooley	OT	A.0001063.002
153						A.0001063.002 Total
154	A.0000916.008.001.001	BUSHLAND COMM	Electric General	Cooley	RE	A.0000916.008
155						A.0000916.008 Total
156	A.0001218.017.001.002	Swisher Co Checkpoint FW	Electric General	Cooley	OT	A.0001218.017
157						A.0001218.017 Total
158	A.0000153.015.001.002	T131 SCHLD MOD REPL SOLAR AT STR 11	Electric General	Cooley	SR	A.0000153.015
159						A.0000153.015 Total
160	A.0001218.012.001.002	Hastings Checkpoint FW	Electric General	Cooley	OT	A.0001218.012
161						A.0001218.012 Total
162	A.0001061.005.001.002	XIT 115KV TERM COMM SUB	Electric General	Cooley	LI	A.0001061.005
163						A.0001061.005 Total
164	A.0000842.005.001.001	HALE CNTY 115KV TRMNL UPGRDE TO PLN	Electric General	Cooley	RE	A.0000842.005
165						A.0000842.005 Total
166	A.0000979.006.001.001	MUSTANG-BAH EXPANSION 115KV-COMM	Electric General	Cooley	RE	A.0000979.006
167						A.0000979.006 Total
168	A.0001218.018.001.002	Lamton Comm Checkpoint FW TX	Electric General	Cooley	OT	A.0001218.018
169						A.0001218.018 Total
170	A.0000220.032.001.001	Taylor SW RTU UPG	Electric General	Cooley	SR	A.0000220.032
171						A.0000220.032 Total
172	A.0000781.019.001.001	Outpost COMM	Electric General	Cooley	RE	A.0000781.019
173						A.0000781.019 Total
174	A.0001218.003.001.002	New Checkpoint FW at Pecos SS	Electric General	Cooley	OT	A.0001218.003
175						A.0001218.003 Total
176	A.0006059.506.001.002	Headsets TX	Electric General	Cooley	OT	A.0006059.506
177						A.0006059.506 Total
178	A.0001218.015.001.002	Moore Co Checkpoint FW	Electric General	Cooley	OT	A.0001218.015
179						A.0001218.015 Total
180	A.0001063.004.001.002	YOCO - Upgrade Synchophasor	Electric General	Cooley	OT	A.0001063.004
181						A.0001063.004 Total
182	A.0001218.005.001.002	Carlsbad Intg Checkpoint FW	Electric General	Cooley	OT	A.0001218.005
183						A.0001218.005 Total
184	A.0001218.010.001.002	Cox Checkpoint FW	Electric General	Cooley	OT	A.0001218.010
185						A.0001218.010 Total
186	A.0000175.002.001.002	Chevron Tap new 3 way switch-COMM	Electric General	Cooley	LI	A.0000175.002
187						A.0000175.002 Total
188	A.0000556.020.001.002	TUCO - Replace TUCO A B DFR	Electric General	Cooley	OT	A.0000556.020

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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
150				1,671.45	1,966.40	-	1,966.40	(294.95)
151	A.0001063.002.001.002	NM Synchrophasors	201909	84,640.93	161.71	-	161.71	84,479.22
152	A.0001063.002.001.003	NM Synchrophasors	201907	20,399.04	1,863.06	-	1,863.06	18,535.98
153				105,039.97	2,024.77	-	2,024.77	103,015.20
154	A.0000916.008.001.001	Bushland Comm	201907	170,112.49	2,850.93	-	2,850.93	167,261.56
155				170,112.49	2,850.93	-	2,850.93	167,261.56
156	A.0001218.017.001.002	Swisher Com Checkpoint FW TX	201908	7,589.38	901.77	-	901.77	6,687.61
157				7,589.38	901.77	-	901.77	6,687.61
158	A.0000153.015.001.002	T131 SCHLD MOD REPL SOLAR AT STR 11	202007	3,447.47	-	-	-	3,447.47
159				3,447.47	-	-	-	3,447.47
160	A.0001218.012.001.002	Hastings Com Checkpoint FW TX	201911	19,695.78	1,963.72	-	1,963.72	17,732.06
161				19,695.78	1,963.72	-	1,963.72	17,732.06
162	A.0001061.005.001.002	Purnell Sub 115kV Sub Comm	201906	(9,202.74)	-	-	-	(9,202.74)
163				(9,202.74)	-	-	-	(9,202.74)
164	A.0000842.005.001.001	Plant X Hale Co Relaying Comm	201905	28,582.51	-	-	-	28,582.51
165				28,582.51	-	-	-	28,582.51
166	A.0000979.006.001.001	Mustang Communications Sub Por	201904	(14,309.69)	-	-	-	(14,309.69)
167				(14,309.69)	-	-	-	(14,309.69)
168	A.0001218.018.001.002	Lamton Comm Checkpoint FW TX	201911	17,974.70	2,170.68	-	2,170.68	15,804.02
169				17,974.70	2,170.68	-	2,170.68	15,804.02
170	A.0000220.032.001.001	Taylor Switching Station RTU Comm N	202001	233,510.84	10,793.88	-	10,793.88	222,716.96
171				233,510.84	10,793.88	-	10,793.88	222,716.96
172	A.0000781.019.001.001	Outpost Comm	201906	(23,020.14)	10.20	-	10.20	(23,030.34)
173				(23,020.14)	10.20	-	10.20	(23,030.34)
174	A.0001218.003.001.002	Pecos Com Checkpoint FW NM	201912	22,999.01	2,111.13	-	2,111.13	20,887.88
175				22,999.01	2,111.13	-	2,111.13	20,887.88
176	A.0006059.506.001.002	SPS Training Center Equipmen	In-Serviced Quarterly	4,434.51	-	-	-	4,434.51
177				4,434.51	-	-	-	4,434.51
178	A.0001218.015.001.002	Moore Com Checkpoint FW TX	201906	(923.06)	37.34	-	37.34	(960.40)
179				(923.06)	37.34	-	37.34	(960.40)
180	A.0001063.004.001.002	Yoakum Synchrophasers	201908	12,087.75	-	-	-	12,087.75
181				12,087.75	-	-	-	12,087.75
182	A.0001218.005.001.002	Carlsbad Intg Com Checkpoint FW NM	201912	22,834.32	8,223.30	-	8,223.30	14,611.02
183				22,834.32	8,223.30	-	8,223.30	14,611.02
184	A.0001218.010.001.002	Cox Com Checkpoint FW TX	201912	21,582.51	5,903.45	-	5,903.45	15,679.06
185				21,582.51	5,903.45	-	5,903.45	15,679.06
186	A.0000175.002.001.002	Install 3 Way Switch Chevron Tap Co	201905	811.00	-	-	-	811.00
187				811.00	-	-	-	811.00
188	A.0000556.020.001.002	Tuco A&B DFR	202007	330,058.84	13,089.20	-	13,089.20	316,969.64

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
189						A.0000556.020 Total
190	A.0001218.002.001.002	New Checkpoint FW at Pleasant Hill	Electric General	Cooley	OT	A.0001218.002
191						A.0001218.002 Total
192	A.0000673.032.001.002	Yoakum 345kV Sub CommsUID 504	Electric General	Cooley	RE	A.0000673.032
193						A.0000673.032 Total
194	A.0001273.014.001.001	Coulter Comm	Electric General	Cooley	SR	A.0001273.014
195						A.0001273.014 Total
196	A.0001218.019.001.002	Happy Interchg Comm Checkpoint FW T	Electric General	Cooley	OT	A.0001218.019
197						A.0001218.019 Total
198	A.0001218.016.001.002	Muleshoe Valley Checkpoint FW	Electric General	Cooley	OT	A.0001218.016
199						A.0001218.016 Total
200	A.0000979.009.001.002	SHELL CO2 GCP - NEW RTU AND FIBER T	Electric General	Cooley	RE	A.0000979.009
201						A.0000979.009 Total
202	A.0000290.009.001.001	SERI - K60 Terminal LRU - COMM	Electric General	Cooley	RE	A.0000290.009
203						A.0000290.009 Total
204	A.0001079.005.001.002	MURP 115KV RLY REPL COMM	Electric General	Cooley	LI	A.0001079.005
205						A.0001079.005 Total
206	A.0000153.016.001.002	U12 SCHLD REPL CTRL BRD SW 4J194	Electric General	Cooley	SR	A.0000153.016
207						A.0000153.016 Total
208	A.0006059.168.001.002	CS3 Continuity Meter Kit 6	Electric General	Cooley	OT	A.0006059.168
209						A.0006059.168 Total
210	A.0000588.031.001.002	Eddy County RTU	Electric General	Cooley	OT	A.0000588.031
211						A.0000588.031 Total
212	A.0000556.017.001.002	JONE - Replace Jones DFR	Electric General	Cooley	OT	A.0000556.017
213						A.0000556.017 Total
214	A.0000842.001.001.001	PLANT X 115KV STATION BREAKER FAILU	Electric General	Cooley	RE	A.0000842.001
215						A.0000842.001 Total
216	A.0000588.032.001.002	Cunningham Sub Replace RTU	Electric General	Cooley	OT	A.0000588.032
217						A.0000588.032 Total
218	A.0001310.009.001.001	Finney J-25 UPLC upgrade	Electric General	Cooley	RE	A.0001310.009
219						A.0001310.009 Total
220	A.0000424.094.001.002	Road Runner 345kV Sub CommsUI	Electric General	Cooley	RE	A.0000424.094
221						A.0000424.094 Total
222	A.0006059.509.001.002	Cell Phone Boosters SPS	Electric General	Cooley	OT	A.0006059.509
223						A.0006059.509 Total
224	A.0000153.018.001.002	Z052 SCHLD REPL BATT SW 4794 STR 2	Electric General	Cooley	SR	A.0000153.018
225						A.0000153.018 Total
226			**Electric General Total**			
227	A.0000105.001.001.002	K27 PXST TKST 230KV RECONDUCTOR	Electric Transmission	Cooley	GI	A.0000105.001

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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
189				330,058.84	13,089.20	-	13,089.20	316,969.64
190	A.0001218.002.001.002	Pleasant Hill Com Checkpoint FW NM	201911	9,360.11	1,268.84	-	1,268.84	8,091.27
191				9,360.11	1,268.84	-	1,268.84	8,091.27
192	A.0000673.032.001.002	Yoakum 345kV Sub Comms_UID 504	202007	336,258.54	-	-	-	336,258.54
193				336,258.54	-	-	-	336,258.54
194	A.0001273.014.001.001	Coulter RTU Replacement	201910	332,015.47	875.00	-	875.00	331,140.47
195				332,015.47	875.00	-	875.00	331,140.47
196	A.0001218.019.001.002	Happy Interchange Comm Checkpoint F	202007	22,293.84	4,666.05	-	4,666.05	17,627.79
197				22,293.84	4,666.05	-	4,666.05	17,627.79
198	A.0001218.016.001.002	Muleshoe Valley Com Checkpoint FW T	201911	7,900.89	449.06	-	449.06	7,451.83
199				7,900.89	449.06	-	449.06	7,451.83
200	A.0000979.009.001.002	Shell Sub Comm Sub Portion S	201904	32,879.09	112.59	-	112.59	32,766.50
201				32,879.09	112.59	-	112.59	32,766.50
202	A.0000290.009.001.001	Seven Rivers Upgr Eddy Term COMM	201908	(0.02)	-	-	-	(0.02)
203				(0.02)	-	-	-	(0.02)
204	A.0001079.005.001.002	Murphy Substation Communication	201904	3,979.17	-	-	-	3,979.17
205				3,979.17	-	-	-	3,979.17
206	A.0000153.016.001.002	U12 SCHLD REPL CTRL BRD SW 4J194	202007	3,519.08	-	-	-	3,519.08
207				3,519.08	-	-	-	3,519.08
208	A.0006059.168.001.002	SPS Transmission Tool Blanket	202004	107,956.83	-	-	-	107,956.83
209				107,956.83	-	-	-	107,956.83
210	A.0000588.031.001.002	Eddy County RTU	202008	554,773.35	41,288.84	-	41,288.84	513,484.51
211				554,773.35	41,288.84	-	41,288.84	513,484.51
212	A.0000556.017.001.002	Jones #1 DFR	202006	286,639.06	11,644.17	-	11,644.17	274,994.89
213				286,639.06	11,644.17	-	11,644.17	274,994.89
214	A.0000842.001.001.001	Plant X BFR RTU	202002	649,399.61	2,371.33	-	2,371.33	647,028.28
215				649,399.61	2,371.33	-	2,371.33	647,028.28
216	A.0000588.032.001.002	Cunningham Station RTU Rplcmnt	202008	98,316.43	282.80	-	282.80	98,033.63
217				98,316.43	282.80	-	282.80	98,033.63
218	A.0001310.009.001.001	Finney J 25 Terminal UPLC	201910	(22.34)	-	-	-	(22.34)
219				(22.34)	-	-	-	(22.34)
220	A.0000424.094.001.002	Road Runner 345kV Sub Comms_UI	201910	41,474.73	95.40	-	95.40	41,379.33
221				41,474.73	95.40	-	95.40	41,379.33
222	A.0006059.509.001.002	Cell Phone Boosters SPS	202007	14,527.35	-	-	-	14,527.35
223				14,527.35	-	-	-	14,527.35
224	A.0000153.018.001.002	Z052 SCHLD REPL BATT SW 4794 STR 2	202007	841.61	-	-	-	841.61
225				841.61	-	-	-	841.61
226				**$ 10,380,974.59**	**$ 234,455.30**	**$ -**	**$ 234,455.30**	**$ 10,146,519.29**
227	A.0000105.001.001.002	R27 Reconductor	201712	$ 8,400,683.67	$ -	$ -	$ -	$ 8,400,683.67

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
228						A.0000105.001 Total
229	A.0000105.005.001.003	TKST 230KV TERM UP REIMB	Electric Transmission	Cooley	GI	A.0000105.005
230						A.0000105.005 Total
231	A.0000105.008.001.001	230KV K45 Reconductor Plant X to To	Electric Transmission	Cooley	GI	A.0000105.008
232						A.0000105.008 Total
233	A.0000153.006.001.002	V02 Switch 2915 Replacement	Electric Transmission	Cooley	SR	A.0000153.006
234						A.0000153.006 Total
235	A.0000194.001.001.002	COCHRAN 115KV 28 MVAR CAP BANKS	Electric Transmission	Cooley	RE	A.0000194.001
236						A.0000194.001 Total
237	A.0000194.005.001.001	COCHRAN 69KV Z26 LN TERM UPGR	Electric Transmission	Cooley	RE	A.0000194.005
238						A.0000194.005 Total
239	A.0000220.006.001.029	HALE CO INTG RPL FAILED CARRIER REL	Electric Transmission	Cooley	SR	A.0000220.006
240	A.0000220.006.001.038	SEAGRAVES INT RPL 69KV GCB 6F20 AND	Electric Transmission	Cooley	SR	A.0000220.006
241	A.0000220.006.001.047	Dumas 19th Replace CS Bypass SW 199	Electric Transmission	Cooley	SR	A.0000220.006
242	A.0000220.006.001.056	Potter Co RPL Reactor Breakers	Electric Transmission	Cooley	SR	A.0000220.006
243	A.0000220.006.001.054	Kite Transformer Replacement	Electric Transmission	Cooley	SR	A.0000220.006
244	A.0000220.006.001.069	SFE - Moore Co - Replace M952 Meter	Electric Transmission	Cooley	SR	A.0000220.006
245	A.0000220.006.001.161	SFE - HACO ? Rplc Brkr 3903 Compres	Electric Transmission	Cooley	SR	A.0000220.006
246	A.0000220.006.001.076	SFE - Amar South - RPL Batteries an	Electric Transmission	Cooley	SR	A.0000220.006
247	A.0000220.006.001.033	TOLK RPL 230KV SWITCHES TK 38 40 5	Electric Transmission	Cooley	SR	A.0000220.006
248	A.0000220.006.001.144	SFE - GRLA -T1-Replace 1 24" Fan	Electric Transmission	Cooley	SR	A.0000220.006
249	A.0000220.006.001.073	SFE - Seminole Int- RPL Mech GCB 6H	Electric Transmission	Cooley	SR	A.0000220.006
250	A.0000220.006.001.091	SFE - Plant X - Replace XK40 Compre	Electric Transmission	Cooley	SR	A.0000220.006
251	A.0000220.006.001.171	SFE - AMSE - Replace 3 of 3 Yard Li	Electric Transmission	Cooley	SR	A.0000220.006
252	A.0000220.006.001.096	SFE - Lamton-Replace HVAC Heat Pump	Electric Transmission	Cooley	SR	A.0000220.006
253	A.0000220.006.001.179	SFE - HTLD - Rplc Fan on T2	Electric Transmission	Cooley	SR	A.0000220.006
254	A.0000220.006.001.148	SFE - PTXN ? Rplc House AC	Electric Transmission	Cooley	SR	A.0000220.006
255	A.0000220.006.001.115	SFE - HFNE - Replace Xfmr Fans	Electric Transmission	Cooley	SR	A.0000220.006
256	A.0000220.006.001.151	SFE - HRST ? Rplc Motor Brkr FK50	Electric Transmission	Cooley	SR	A.0000220.006
257	A.0000220.006.001.057	Potter Co RPL CCVT	Electric Transmission	Cooley	SR	A.0000220.006
258	A.0000220.006.001.080	SFE - Doss-RPL 23kV Bus PTs	Electric Transmission	Cooley	SR	A.0000220.006
259	A.0000220.006.001.112	Coulter Replace Flood Lights Unplnd	Electric Transmission	Cooley	SR	A.0000220.006
260	A.0000220.006.001.100	SFE - Hitchland- RPL A C Unit	Electric Transmission	Cooley	SR	A.0000220.006
261	A.0000220.006.001.101	SFE - Lubbock East - Rplc 3 yard li	Electric Transmission	Cooley	SR	A.0000220.006
262	A.0000220.006.001.183	SFE - ROZS-REPL HVAC	Electric Transmission	Cooley	SR	A.0000220.006
263	A.0000220.006.001.130	SFE - WOLF- Repl 4 fans	Electric Transmission	Cooley	SR	A.0000220.006
264	A.0000220.006.001.152	SFE - WREC - Add 1 of 1 Yard Light	Electric Transmission	Cooley	SR	A.0000220.006
265	A.0000220.006.001.106	SFE - Plant X - RPL XK40 Metering	Electric Transmission	Cooley	SR	A.0000220.006
266	A.0000220.006.001.089	SFE - Harrington-meter replacement	Electric Transmission	Cooley	SR	A.0000220.006
267	A.0000220.006.001.131	SFE-CATG-REPL Fan on TR2	Electric Transmission	Cooley	SR	A.0000220.006
268	A.0000220.006.001.086	SFE - Amoco Switching St- RPL Meter	Electric Transmission	Cooley	SR	A.0000220.006

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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
228				8,400,683.67	-	-	-	8,400,683.67
229	A.0000105.005.001.003	Tolk Terminal Upgrades	201803	(233,959.17)	-	-	-	(233,959.17)
230				(233,959.17)	-	-	-	(233,959.17)
231	A.0000105.008.001.001	K45 Reconductor Transmission Portio	201803	(3,996,030.51)	6,942.78	-	6,942.78	(4,002,973.29)
232				(3,996,030.51)	6,942.78	-	6,942.78	(4,002,973.29)
233	A.0000153.006.001.002	V02 Switch 2915 Replacement	201812	2,060.23	-	-	-	2,060.23
234				2,060.23	-	-	-	2,060.23
235	A.0000194.001.001.002	Cochran 115 Cap Bank	201812	46,396.12	-	-	-	46,396.12
236				46,396.12	-	-	-	46,396.12
237	A.0000194.005.001.001	Cochran Z26 Terminal	201811	(34,959.18)	-	-	-	(34,959.18)
238				(34,959.18)	-	-	-	(34,959.18)
239	A.0000220.006.001.029	SPS S&E, Sub	201804	941.94	911.35	-	911.35	30.59
240	A.0000220.006.001.038	SPS S&E, Sub	201712	(3,149.97)	-	-	-	(3,149.97)
241	A.0000220.006.001.047	SPS S&E, Sub	201812	4,883.59	-	-	-	4,883.59
242	A.0000220.006.001.056	SPS S&E, Sub	201812	11,758.91	-	-	-	11,758.91
243	A.0000220.006.001.054	SPS S&E, Sub	201805	(367,981.82)	-	-	-	(367,981.82)
244	A.0000220.006.001.069	SPS S&E, Sub	201903	7.20	-	-	-	7.20
245	A.0000220.006.001.161	SPS S&E, Sub	202006	4,271.38	-	-	-	4,271.38
246	A.0000220.006.001.076	SPS S&E, Sub	201911	29,952.16	-	-	-	29,952.16
247	A.0000220.006.001.033	SPS S&E, Sub	202005	153,063.49	-	-	-	153,063.49
248	A.0000220.006.001.144	SPS S&E, Sub	202003	2,298.69	-	-	-	2,298.69
249	A.0000220.006.001.073	SPS S&E, Sub	201911	634.44	-	-	-	634.44
250	A.0000220.006.001.091	SPS S&E, Sub	201911	5,087.73	-	-	-	5,087.73
251	A.0000220.006.001.171	SPS S&E, Sub	202008	4,807.71	-	-	-	4,807.71
252	A.0000220.006.001.096	SPS S&E, Sub	201911	6,957.47	-	-	-	6,957.47
253	A.0000220.006.001.179	SPS S&E, Sub	202008	2,309.18	-	-	-	2,309.18
254	A.0000220.006.001.148	SPS S&E, Sub	202004	2,926.61	-	-	-	2,926.61
255	A.0000220.006.001.115	SPS S&E, Sub	201912	2,963.79	-	-	-	2,963.79
256	A.0000220.006.001.151	SPS S&E, Sub	202004	1,735.20	-	-	-	1,735.20
257	A.0000220.006.001.057	SPS S&E, Sub	202001	57,267.40	-	-	-	57,267.40
258	A.0000220.006.001.080	SPS S&E, Sub	202003	8,795.12	-	-	-	8,795.12
259	A.0000220.006.001.112	SPS S&E, Sub	201909	1,765.10	-	-	-	1,765.10
260	A.0000220.006.001.100	SPS S&E, Sub	201911	13,278.13	-	-	-	13,278.13
261	A.0000220.006.001.101	SPS S&E, Sub	201911	1,595.43	-	-	-	1,595.43
262	A.0000220.006.001.183	SPS S&E, Sub	202007	2,742.47	-	-	-	2,742.47
263	A.0000220.006.001.130	SPS S&E, Sub	201912	3,242.54	-	-	-	3,242.54
264	A.0000220.006.001.152	SPS S&E, Sub	202004	4,247.91	-	-	-	4,247.91
265	A.0000220.006.001.106	SPS S&E, Sub	201911	2,979.80	185.50	-	185.50	2,794.30
266	A.0000220.006.001.089	SPS S&E, Sub	201911	2,500.15	97.55	-	97.55	2,402.60
267	A.0000220.006.001.131	SPS S&E, Sub	202007	1,775.24	-	-	-	1,775.24
268	A.0000220.006.001.086	SPS S&E, Sub	201911	4,084.67	25.51	-	25.51	4,059.16

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
269	A.0000220.006.001.092	SFE - East Plant - Replace House A	Electric Transmission	Cooley	SR	A.0000220.006
270	A.0000220.006.001.155	SFE - NICS - Replace Comprssr Brkr	Electric Transmission	Cooley	SR	A.0000220.006
271	A.0000220.006.001.098	SFE - S Georgia - RPL Batts and Chr	Electric Transmission	Cooley	SR	A.0000220.006
272	A.0000220.006.001.128	Kirby - RPL Prim RLY for BKR 5J90	Electric Transmission	Cooley	SR	A.0000220.006
273	A.0000220.006.001.184	SFE - PXST - RPL XK31	Electric Transmission	Cooley	SR	A.0000220.006
274	A.0000220.006.001.190	SFE - NOWE - RPL BKR 2980	Electric Transmission	Cooley	SR	A.0000220.006
275	A.0000220.006.001.134	SFE-POTTER-RPL T1 TERTIARY BUSHINGS	Electric Transmission	Cooley	SR	A.0000220.006
276	A.0000220.006.001.085	SFE - Cirrus - RPL SF6 Guages 345kv	Electric Transmission	Cooley	SR	A.0000220.006
277	A.0000220.006.001.090	SFE - Kress Int-Rplc CH Air Cdtnr	Electric Transmission	Cooley	SR	A.0000220.006
278	A.0000220.006.001.173	SFE-HFRD SFE - Ing Rplc Compressor	Electric Transmission	Cooley	SR	A.0000220.006
279	A.0000220.006.001.103	Miami - Rpl Compressor on Brkr 5855	Electric Transmission	Cooley	SR	A.0000220.006
280	A.0000220.006.001.102	SFE - S Georgia - Replace Fan	Electric Transmission	Cooley	SR	A.0000220.006
281	A.0000220.006.001.135	SFE - GAININ- RPL STATION POWER POT	Electric Transmission	Cooley	SR	A.0000220.006
282	A.0000220.006.001.079	SFE - Bailey Co - RPL Batt and Chgr	Electric Transmission	Cooley	SR	A.0000220.006
283	A.0000220.006.001.149	SFE - PTXN ? Rplc House HEATER	Electric Transmission	Cooley	SR	A.0000220.006
284	A.0000220.006.001.174	SFE - GACO-RPL HVAC	Electric Transmission	Cooley	SR	A.0000220.006
285	A.0000220.006.001.136	SFE - CRCO- RPL 7805 and 7810 Meter	Electric Transmission	Cooley	SR	A.0000220.006
286	A.0000220.006.001.142	SFE - HTLD - RPL WEST 230 115 XFMR	Electric Transmission	Cooley	SR	A.0000220.006
287	A.0000220.006.001.099	SFE - Howard- RPL AC Unit	Electric Transmission	Cooley	SR	A.0000220.006
288	A.0000220.006.001.087	SFE - Woodrow-Replace CH Air Condit	Electric Transmission	Cooley	SR	A.0000220.006
289	A.0000220.006.001.178	SFE - Draw Tap-Replace 1 of 2 yard	Electric Transmission	Cooley	SR	A.0000220.006
290	A.0000220.006.001.035	OWENS CORNING REPLACE METERING 5H70	Electric Transmission	Cooley	SR	A.0000220.006
291	A.0000220.006.001.139	SFE - NICS - Replace BRKR BK30 Moto	Electric Transmission	Cooley	SR	A.0000220.006
292	A.0000220.006.001.042	TOLK RPL BUSHINGS ON T1	Electric Transmission	Cooley	SR	A.0000220.006
293	A.0000220.006.001.084	SFE - Lubbock East - RPL HVAC	Electric Transmission	Cooley	SR	A.0000220.006
294	A.0000220.006.001.108	SFE - Martin ? Replace 2 LED Yard L	Electric Transmission	Cooley	SR	A.0000220.006
295	A.0000220.006.001.109	SFE- HUTCH RPL BKR 1822	Electric Transmission	Cooley	SR	A.0000220.006
296	A.0000220.006.001.116	SFE- PXST - Replace 16 yard Lights	Electric Transmission	Cooley	SR	A.0000220.006
297	A.0000220.006.001.068	SFE - Plains Sw Station RPL 120V B	Electric Transmission	Cooley	SR	A.0000220.006
298	A.0000220.006.001.105	SFE - Wheeler - Replace 6 LED Light	Electric Transmission	Cooley	SR	A.0000220.006
299	A.0000220.006.001.146	SFE - HACO - RPL 5 of 8 yard lights	Electric Transmission	Cooley	SR	A.0000220.006
300	A.0000220.006.001.177	SFE - GACO-REPL ROCK IN YARD 100	Electric Transmission	Cooley	SR	A.0000220.006
301	A.0000220.006.001.141	SFE - TECO -T2 Replace 1 16" fan	Electric Transmission	Cooley	SR	A.0000220.006
302	A.0000220.006.001.075	SFE - Coulter - RPL Batteries and C	Electric Transmission	Cooley	SR	A.0000220.006
303	A.0000220.006.001.114	Lubbock South-BK 7K95-Repair Gauges	Electric Transmission	Cooley	SR	A.0000220.006
304	A.0000220.006.001.095	SFE - NORTHWEST INT - RPL 2975	Electric Transmission	Cooley	SR	A.0000220.006
305	A.0000220.006.001.078	SFE - Cox Int- RPL BKR 3826	Electric Transmission	Cooley	SR	A.0000220.006
306	A.0000220.006.001.159	SFE - DALH - Rplc Main Tnk Regulato	Electric Transmission	Cooley	SR	A.0000220.006
307	A.0000220.006.001.113	Nichols Repair Yard Lights Unplnd	Electric Transmission	Cooley	SR	A.0000220.006
308	A.0000220.006.001.129	SFE - Tuco S House- RPL battery ban	Electric Transmission	Cooley	SR	A.0000220.006
309	A.0000220.006.001.104	SFE - HOWARD SUB - RPL CT s PT	Electric Transmission	Cooley	SR	A.0000220.006

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Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
269	A.0000220.006.001.092	SPS S&E, Sub	201911	2,442.66	-	-	-	2,442.66
270	A.0000220.006.001.155	SPS S&E, Sub	202006	10,979.25	-	-	-	10,979.25
271	A.0000220.006.001.098	SPS S&E, Sub	202001	32,920.88	-	-	-	32,920.88
272	A.0000220.006.001.128	SPS S&E, Sub	201911	19,303.24	-	-	-	19,303.24
273	A.0000220.006.001.184	SPS S&E, Sub	202009	132,860.00	-	-	-	132,860.00
274	A.0000220.006.001.190	SPS S&E, Sub	202009	81,969.19	-	-	-	81,969.19
275	A.0000220.006.001.134	SPS S&E, Sub	202009	68,304.40	-	-	-	68,304.40
276	A.0000220.006.001.085	SPS S&E, Sub	201911	5,728.07	-	-	-	5,728.07
277	A.0000220.006.001.090	SPS S&E, Sub	201907	3,104.60	-	-	-	3,104.60
278	A.0000220.006.001.173	SPS S&E, Sub	202006	1,792.26	-	-	-	1,792.26
279	A.0000220.006.001.103	SPS S&E, Sub	202004	2,061.88	-	-	-	2,061.88
280	A.0000220.006.001.102	SPS S&E, Sub	202003	1,426.22	-	-	-	1,426.22
281	A.0000220.006.001.135	SPS S&E, Sub	202007	8,468.50	-	-	-	8,468.50
282	A.0000220.006.001.079	SPS S&E, Sub	201911	42,966.62	-	-	-	42,966.62
283	A.0000220.006.001.149	SPS S&E, Sub	202004	1,204.90	-	-	-	1,204.90
284	A.0000220.006.001.174	SPS S&E, Sub	202007	6,123.42	-	-	-	6,123.42
285	A.0000220.006.001.136	SPS S&E, Sub	202002	6,505.99	111.76	-	111.76	6,394.23
286	A.0000220.006.001.142	SPS S&E, Sub	202006	2,444.47	-	-	-	2,444.47
287	A.0000220.006.001.099	SPS S&E, Sub	202007	8,895.41	-	-	-	8,895.41
288	A.0000220.006.001.087	SPS S&E, Sub	201911	3,449.06	-	-	-	3,449.06
289	A.0000220.006.001.178	SPS S&E, Sub	202009	1,310.61	-	-	-	1,310.61
290	A.0000220.006.001.035	SPS S&E, Sub	201904	15.29	-	-	-	15.29
291	A.0000220.006.001.139	SPS S&E, Sub	202004	2,622.46	-	-	-	2,622.46
292	A.0000220.006.001.042	SPS S&E, Sub	202007	80,343.74	-	-	-	80,343.74
293	A.0000220.006.001.084	SPS S&E, Sub	201911	7,356.16	-	-	-	7,356.16
294	A.0000220.006.001.108	SPS S&E, Sub	202003	4,276.75	-	-	-	4,276.75
295	A.0000220.006.001.109	SPS S&E, Sub	201911	92,357.41	3,199.68	-	3,199.68	89,157.73
296	A.0000220.006.001.116	SPS S&E, Sub	202006	22,701.50	-	-	-	22,701.50
297	A.0000220.006.001.068	SPS S&E, Sub	201908	18,482.02	-	-	-	18,482.02
298	A.0000220.006.001.105	SPS S&E, Sub	202006	2,368.69	-	-	-	2,368.69
299	A.0000220.006.001.146	SPS S&E, Sub	202006	4,180.77	-	-	-	4,180.77
300	A.0000220.006.001.177	SPS S&E, Sub	202007	57,566.12	-	-	-	57,566.12
301	A.0000220.006.001.141	SPS S&E, Sub	202007	1,112.48	-	-	-	1,112.48
302	A.0000220.006.001.075	SPS S&E, Sub	201911	35,128.28	-	-	-	35,128.28
303	A.0000220.006.001.114	SPS S&E, Sub	201909	20,598.08	-	-	-	20,598.08
304	A.0000220.006.001.095	SPS S&E, Sub	202004	167,432.86	6,968.40	-	6,968.40	160,464.46
305	A.0000220.006.001.078	SPS S&E, Sub	201911	78,214.02	557.14	-	557.14	77,656.88
306	A.0000220.006.001.159	SPS S&E, Sub	202007	2,251.40	-	-	-	2,251.40
307	A.0000220.006.001.113	SPS S&E, Sub	201909	1,745.53	-	-	-	1,745.53
308	A.0000220.006.001.129	SPS S&E, Sub	201912	7,402.27	-	-	-	7,402.27
309	A.0000220.006.001.104	SPS S&E, Sub	202007	43,600.82	-	-	-	43,600.82

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
310	A.0000220.006.001.072	SFE - Mustang- RPL Mech GCB D905	Electric Transmission	Cooley	SR	A.0000220.006
311	A.0000220.006.001.133	SFE - SGRV RPL 6F05 meter	Electric Transmission	Cooley	SR	A.0000220.006
312	A.0000220.006.001.154	SFE - HRST ? Rplc Compressor Brkr F	Electric Transmission	Cooley	SR	A.0000220.006
313	A.0000220.006.001.143	SFE - CLTR - RPL 5998 METER	Electric Transmission	Cooley	SR	A.0000220.006
314	A.0000220.006.001.111	Bailey Co LOP Alarm Brkr 3860 Callo	Electric Transmission	Cooley	SR	A.0000220.006
315	A.0000220.006.001.110	SFE - Happy Int-DC Sys-Install Maxi	Electric Transmission	Cooley	SR	A.0000220.006
316	A.0000220.006.001.182	SFE - Tuco- T7- Replace 2 24" Fans	Electric Transmission	Cooley	SR	A.0000220.006
317	A.0000220.006.001.137	SFE-HOCO - BK 7745 7775 Rpl Compr	Electric Transmission	Cooley	SR	A.0000220.006
318	A.0000220.006.001.175	SFE - SOGE - Replace Fans on Xfmr	Electric Transmission	Cooley	SR	A.0000220.006
319						A.0000220.006 Total
320	A.0000220.007.001.015	RANDALL - RPL T1 GAUGES	Electric Transmission	Cooley	SR	A.0000220.007
321	A.0000220.007.001.029	NE Hereford Replace HVAC unit	Electric Transmission	Cooley	SR	A.0000220.007
322	A.0000220.007.001.012	NICHOLS - RPL SW BK06	Electric Transmission	Cooley	SR	A.0000220.007
323	A.0000220.007.001.031	SFE - Nichols - Replace V38 Bus PT	Electric Transmission	Cooley	SR	A.0000220.007
324	A.0000220.007.001.032	SFE - HARRINGTON - RPL 230KV ARREST	Electric Transmission	Cooley	SR	A.0000220.007
325	A.0000220.007.001.033	SFE - HUTCH - RPL XFMR METERING	Electric Transmission	Cooley	SR	A.0000220.007
326	A.0000220.007.001.034	SFE - OCHILTREE - RPL CHECKPOINT	Electric Transmission	Cooley	SR	A.0000220.007
327						A.0000220.007 Total
328	A.0000220.018.001.025	Hobbs Gen- RPL Heat Pump	Electric Transmission	Cooley	SR	A.0000220.018
329	A.0000220.018.001.026	LOPEZ-RPL BATTERY CHARGER	Electric Transmission	Cooley	SR	A.0000220.018
330	A.0000220.018.001.040	Curry Co Rplc Station Lights Unplnd	Electric Transmission	Cooley	SR	A.0000220.018
331	A.0000220.018.001.039	Roswell City-Buss Repair-3 20 19	Electric Transmission	Cooley	SR	A.0000220.018
332	A.0000220.018.001.042	SFE - Roosevelt Co ? Replace Air Co	Electric Transmission	Cooley	SR	A.0000220.018
333	A.0000220.018.001.034	SFE - Eagle Creek- RPL ATS Flip Flo	Electric Transmission	Cooley	SR	A.0000220.018
334	A.0000220.018.001.065	SFE -ATOK -Grading -RPLC ROCK	Electric Transmission	Cooley	SR	A.0000220.018
335	A.0000220.018.001.050	SFE -TLSS - RPL HVAC WALL UNIT	Electric Transmission	Cooley	SR	A.0000220.018
336	A.0000220.018.001.048	SFE- RDBF RPL transfer switch	Electric Transmission	Cooley	SR	A.0000220.018
337	A.0000220.018.001.029	SFE - Pecos Int- RPL 3530 SEL RTAC	Electric Transmission	Cooley	SR	A.0000220.018
338	A.0000220.018.001.063	SFE - Jal -Grade and RPLC rock	Electric Transmission	Cooley	SR	A.0000220.018
339	A.0000220.018.001.035	SFE - Roosevelt - Replace Xfmr Fan	Electric Transmission	Cooley	SR	A.0000220.018
340	A.0000220.018.001.032	SFE - Wipp - RPL HVAC	Electric Transmission	Cooley	SR	A.0000220.018
341	A.0000220.018.001.038	SFE - Atoka-T1-Rplc Lghtng Arrstrs	Electric Transmission	Cooley	SR	A.0000220.018
342	A.0000220.018.001.031	SFE - Oasis - Replace Batt and Chgr	Electric Transmission	Cooley	SR	A.0000220.018
343	A.0000220.018.001.041	FEC Clovis 3 Tuc Replace Lights Pla	Electric Transmission	Cooley	SR	A.0000220.018
344	A.0000220.018.001.037	SFE - Atoka Replace Six Yard Lights	Electric Transmission	Cooley	SR	A.0000220.018
345	A.0000220.018.001.061	SFE - WEBE - RLP LED Yard lights	Electric Transmission	Cooley	SR	A.0000220.018
346	A.0000220.018.001.027	SFE - SAN JUAN - RPL BATTERIES	Electric Transmission	Cooley	SR	A.0000220.018
347	A.0000220.018.001.043	SFE - ROOSEVELT - RPL 4K30	Electric Transmission	Cooley	SR	A.0000220.018
348	A.0000220.018.001.067	SFE - EDCO -115 KV RLP 100 OF YARD	Electric Transmission	Cooley	SR	A.0000220.018
349	A.0000220.018.001.049	SFE - PCAIN- RPL BKR 3H85 HMB MECH	Electric Transmission	Cooley	SR	A.0000220.018
350	A.0000220.018.001.064	SFE - CLNO -Grade and RPLC rock	Electric Transmission	Cooley	SR	A.0000220.018

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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
310	A.0000220.006.001.072	SPS S&E, Sub	201911	14,935.23	-	-	-	14,935.23
311	A.0000220.006.001.133	SPS S&E, Sub	202007	6,202.89	-	-	-	6,202.89
312	A.0000220.006.001.154	SPS S&E, Sub	202004	5,058.01	-	-	-	5,058.01
313	A.0000220.006.001.143	SPS S&E, Sub	202004	6,933.43	-	-	-	6,933.43
314	A.0000220.006.001.111	SPS S&E, Sub	201909	5,398.63	-	-	-	5,398.63
315	A.0000220.006.001.110	SPS S&E, Sub	202002	5,100.64	-	-	-	5,100.64
316	A.0000220.006.001.182	SPS S&E, Sub	202008	2,754.72	-	-	-	2,754.72
317	A.0000220.006.001.137	SPS S&E, Sub	202004	5,278.72	-	-	-	5,278.72
318	A.0000220.006.001.175	SPS S&E, Sub	202007	2,549.92	-	-	-	2,549.92
319				1,115,972.13	12,056.89	-	12,056.89	1,103,915.24
320	A.0000220.007.001.015	SPS 2017 S&E Sub	201812	(723.03)	-	-	-	(723.03)
321	A.0000220.007.001.029	SPS 2017 S&E Sub	201812	567.45	-	-	-	567.45
322	A.0000220.007.001.012	SPS 2017 S&E Sub	202001	63,772.36	-	-	-	63,772.36
323	A.0000220.007.001.031	SPS 2017 S&E Sub	201905	313.19	-	-	-	313.19
324	A.0000220.007.001.032	SPS 2017 S&E Sub	201911	12,276.16	-	-	-	12,276.16
325	A.0000220.007.001.033	SPS 2017 S&E Sub	202003	7,149.33	-	-	-	7,149.33
326	A.0000220.007.001.034	SPS 2017 S&E Sub	201911	3,731.95	-	-	-	3,731.95
327				87,087.41	-	-	-	87,087.41
328	A.0000220.018.001.025	SPS NM S&E, Sub	201812	5.35	-	-	-	5.35
329	A.0000220.018.001.026	SPS NM S&E, Sub	201902	568.77	-	-	-	568.77
330	A.0000220.018.001.040	SPS NM S&E, Sub	201909	3,366.67	-	-	-	3,366.67
331	A.0000220.018.001.039	SPS NM S&E, Sub	201909	8,426.28	-	-	-	8,426.28
332	A.0000220.018.001.042	SPS NM S&E, Sub	201912	2,327.02	-	-	-	2,327.02
333	A.0000220.018.001.034	SPS NM S&E, Sub	201911	7,064.67	-	-	-	7,064.67
334	A.0000220.018.001.065	SPS NM S&E, Sub	202007	1,628.31	-	-	-	1,628.31
335	A.0000220.018.001.050	SPS NM S&E, Sub	202004	6,479.29	-	-	-	6,479.29
336	A.0000220.018.001.048	SPS NM S&E, Sub	202007	7,635.17	-	-	-	7,635.17
337	A.0000220.018.001.029	SPS NM S&E, Sub	201911	5,619.16	-	-	-	5,619.16
338	A.0000220.018.001.063	SPS NM S&E, Sub	202007	67,937.47	-	-	-	67,937.47
339	A.0000220.018.001.035	SPS NM S&E, Sub	202003	2,677.00	-	-	-	2,677.00
340	A.0000220.018.001.032	SPS NM S&E, Sub	201911	6,894.16	-	-	-	6,894.16
341	A.0000220.018.001.038	SPS NM S&E, Sub	201911	4,274.79	-	-	-	4,274.79
342	A.0000220.018.001.031	SPS NM S&E, Sub	201911	37,661.29	-	-	-	37,661.29
343	A.0000220.018.001.041	SPS NM S&E, Sub	201909	1,700.51	-	-	-	1,700.51
344	A.0000220.018.001.037	SPS NM S&E, Sub	201911	5,202.98	-	-	-	5,202.98
345	A.0000220.018.001.061	SPS NM S&E, Sub	202007	3,978.75	-	-	-	3,978.75
346	A.0000220.018.001.027	SPS NM S&E, Sub	201911	26,157.66	-	-	-	26,157.66
347	A.0000220.018.001.043	SPS NM S&E, Sub	202004	196,082.81	2,802.16	-	2,802.16	193,280.65
348	A.0000220.018.001.067	SPS NM S&E, Sub	202008	5,429.55	-	-	-	5,429.55
349	A.0000220.018.001.049	SPS NM S&E, Sub	202004	23,575.58	-	-	-	23,575.58
350	A.0000220.018.001.064	SPS NM S&E, Sub	202007	5,255.46	-	-	-	5,255.46

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
351	A.0000220.018.001.066	SFE - CUCO - REPL ROCK IN YARD	Electric Transmission	Cooley	SR	A.0000220.018
352	A.0000220.018.001.062	SFE - SERI - TI RPL 50 OF FANS 3	Electric Transmission	Cooley	SR	A.0000220.018
353	A.0000220.018.001.054	SFE - PCA - RPL AC UNIT	Electric Transmission	Cooley	SR	A.0000220.018
354	A.0000220.018.001.036	SFE - Roosevelt - Rplc Sttn Pwr Fus	Electric Transmission	Cooley	SR	A.0000220.018
355	A.0000220.018.001.044	SFE - Pecos- RPL Trans Battery bank	Electric Transmission	Cooley	SR	A.0000220.018
356						A.0000220.018 Total
357	A.0000220.024.001.005	SFE - FINNEY - INST DEHY BREATHERS	Electric Transmission	Cooley	SR	A.0000220.024
358						A.0000220.024 Total
359	A.0000220.026.001.003	SFE - COLE-RPL METERING ON 0845	Electric Transmission	Cooley	SR	A.0000220.026
360						A.0000220.026 Total
361	A.0000286.005.001.007	SFE - SPMN Intg - RPL Cap Pin SWT	Electric Transmission	Cooley	SR	A.0000286.005
362						A.0000286.005 Total
363	A.0000290.003.001.002	K23 EDCO-CNST RETERMINATE AT EDDY C	Electric Transmission	Cooley	RE	A.0000290.003
364						A.0000290.003 Total
365	A.0000290.005.001.002	CUNNINGHAM K23 LN TERM UPGR TO EDDY	Electric Transmission	Cooley	RE	A.0000290.005
366						A.0000290.005 Total
367	A.0000296.006.001.001	LA PLATA 115/13KV XFMR HIGH SIDE-TA	Electric Transmission	Cooley	RE	A.0000296.006
368						A.0000296.006 Total
369	A.0000303.007.001.052	K53 SE UNSCHLD REPL STR 353 AND 354	Electric Transmission	Cooley	SR	A.0000303.007
370	A.0000303.007.001.031	SPS SE MODEL WO 2017 TRANS LINE 4	Electric Transmission	Cooley	SR	A.0000303.007
371	A.0000303.007.001.043	K27 SE REHAB SCHLD PRIORITY POLE RE	Electric Transmission	Cooley	SR	A.0000303.007
372	A.0000303.007.001.063	K19 SE UNSCHLD REPL STAT 732 TO 735	Electric Transmission	Cooley	SR	A.0000303.007
373	A.0000303.007.001.060	K53 SE UNSCHLD REPL STR 353 AND 354	Electric Transmission	Cooley	SR	A.0000303.007
374	A.0000303.007.001.062	K94 SE UNSCHLD REPL STRS 27-34	Electric Transmission	Cooley	SR	A.0000303.007
375	A.0000303.007.001.061	K07 1 SE REHAB UNSCHLD REPL ARM STR	Electric Transmission	Cooley	SR	A.0000303.007
376	A.0000303.007.001.054	K422 SE UNSCHLD REPL ARM AT STR 194	Electric Transmission	Cooley	SR	A.0000303.007
377	A.0000303.007.001.067	K46 SE UNSCHLD REPL FIR DAM POL STR	Electric Transmission	Cooley	SR	A.0000303.007
378	A.0000303.007.001.065	K90 SE UNSCHLD REPL ARM STR 643	Electric Transmission	Cooley	SR	A.0000303.007
379	A.0000303.007.001.028	SPS SE MODEL WO 2017 TRANS LINE 1	Electric Transmission	Cooley	SR	A.0000303.007
380						A.0000303.007 Total
381	A.0000303.040.001.006	Y83 PPR REHAB SCHLD REPL EOL POLES	Electric Transmission	Cooley	SR	A.0000303.040
382	A.0000303.040.001.005	Z05 69kVViolationFix	Electric Transmission	Cooley	SR	A.0000303.040
383	A.0000303.040.001.012	Z08 4 - SE UNSCHLD REPL ARMS STR 36	Electric Transmission	Cooley	SR	A.0000303.040
384	A.0000303.040.001.013	Z051 SE BILLING REPL STR 89	Electric Transmission	Cooley	SR	A.0000303.040
385	A.0000303.040.001.004	Z08 SE REHAB SCHLD PRIORITY POLE RE	Electric Transmission	Cooley	SR	A.0000303.040
386						A.0000303.040 Total
387	A.0000303.041.001.011	T59 ELR REHAB SCHLD REPL ARMS	Electric Transmission	Cooley	SR	A.0000303.041
388	A.0000303.041.001.021	W84 SE UNSCHLD FIBER REP STR 90	Electric Transmission	Cooley	SR	A.0000303.041
389	A.0000303.041.001.020	W74 SE UNSCHLD REPL STR 159	Electric Transmission	Cooley	SR	A.0000303.041
390	A.0000303.041.001.025	T451 SE UNSCHLD REPL POLE AT STR 44	Electric Transmission	Cooley	SR	A.0000303.041
391	A.0000303.041.001.010	W75 PPR REHAB SCHLD REPL POLES	Electric Transmission	Cooley	SR	A.0000303.041

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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
351	A.0000220.018.001.066	SPS NM S&E, Sub	202007	10,811.67	-	-	-	10,811.67
352	A.0000220.018.001.062	SPS NM S&E, Sub	202008	3,274.29	-	-	-	3,274.29
353	A.0000220.018.001.054	SPS NM S&E, Sub	202004	3,505.40	-	-	-	3,505.40
354	A.0000220.018.001.036	SPS NM S&E, Sub	202003	2,831.31	-	-	-	2,831.31
355	A.0000220.018.001.044	SPS NM S&E, Sub	202007	22,058.84	-	-	-	22,058.84
356				472,430.21	2,802.16	-	2,802.16	469,628.05
357	A.0000220.024.001.005	SPS 2015 KS SE Sub	201911	13,393.99	-	-	-	13,393.99
358				13,393.99	-	-	-	13,393.99
359	A.0000220.026.001.003	SPS 2015 OK SE Sub	201905	(33.29)	-	-	-	(33.29)
360				(33.29)	-	-	-	(33.29)
361	A.0000286.005.001.007	Horz Cap and Pin Replacement TX	202006	240,244.35	15.11	-	15.11	240,229.24
362				240,244.35	15.11	-	15.11	240,229.24
363	A.0000290.003.001.002	K23 Retermination, Eddy Co Sub	201812	18,578.02	61.90	-	61.90	18,516.12
364				18,578.02	61.90	-	61.90	18,516.12
365	A.0000290.005.001.002	Cunningham Intg, Upgrade Eddy 230kV	201810	107,266.17	1,653.72	-	1,653.72	105,612.45
366				107,266.17	1,653.72	-	1,653.72	105,612.45
367	A.0000296.006.001.001	New Centre St 115kV Sub	201804	(54,329.67)	-	-	-	(54,329.67)
368				(54,329.67)	-	-	-	(54,329.67)
369	A.0000303.007.001.052	SPS S&E B 230kV, Line	201805	(8,700.61)	-	-	-	(8,700.61)
370	A.0000303.007.001.031	SPS S&E B 230kV, Line	201708	(437.64)	-	-	-	(437.64)
371	A.0000303.007.001.043	SPS S&E B 230kV, Line	201806	4,354.38	-	-	-	4,354.38
372	A.0000303.007.001.063	SPS S&E B 230kV, Line	201906	(1.22)	-	-	-	(1.22)
373	A.0000303.007.001.060	SPS S&E B 230kV, Line	201905	9,098.98	-	-	-	9,098.98
374	A.0000303.007.001.062	SPS S&E B 230kV, Line	201905	(16,488.73)	3,088.19	-	3,088.19	(19,576.92)
375	A.0000303.007.001.061	SPS S&E B 230kV, Line	201905	3,530.96	-	-	-	3,530.96
376	A.0000303.007.001.054	SPS S&E B 230kV, Line	201905	212.85	-	-	-	212.85
377	A.0000303.007.001.067	SPS S&E B 230kV, Line	202004	12,641.35	-	-	-	12,641.35
378	A.0000303.007.001.065	SPS S&E B 230kV, Line	202008	42,006.30	-	-	-	42,006.30
379	A.0000303.007.001.028	SPS S&E B 230kV, Line	201907	(2.47)	-	-	-	(2.47)
380				46,214.15	3,088.19	-	3,088.19	43,125.96
381	A.0000303.040.001.006	SPS S&E 69kV Line NM	201911	886,272.77	4,897.84	-	4,897.84	881,374.93
382	A.0000303.040.001.005	SPS S&E 69kV Line NM	201907	217,252.39	317.63	-	317.63	216,934.76
383	A.0000303.040.001.012	SPS S&E 69kV Line NM	201911	5,693.69	198.77	-	198.77	5,494.92
384	A.0000303.040.001.013	SPS S&E 69kV Line NM	202008	20,573.28	-	-	-	20,573.28
385	A.0000303.040.001.004	SPS S&E 69kV Line NM	201905	(385.95)	-	-	-	(385.95)
386				1,129,406.18	5,414.24	-	5,414.24	1,123,991.94
387	A.0000303.041.001.011	SPS S&E 115kV Line NM	201905	24,959.44	-	-	-	24,959.44
388	A.0000303.041.001.021	SPS S&E 115kV Line NM	202009	55,472.32	436.96	-	436.96	55,035.36
389	A.0000303.041.001.020	SPS S&E 115kV Line NM	201911	15,588.68	545.68	-	545.68	15,043.00
390	A.0000303.041.001.025	SPS S&E 115kV Line NM	202008	14,677.63	-	-	-	14,677.63
391	A.0000303.041.001.010	SPS S&E 115kV Line NM	201908	1,564,327.02	-	-	-	1,564,327.02

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
392	A.0000303.041.001.012	T611 SE UNSCHLD REP COND STR 222-22	Electric Transmission	Cooley	SR	A.0000303.041
393	A.0000303.041.001.019	W97 SE UNSCHLD REPL ARM AT STR 37	Electric Transmission	Cooley	SR	A.0000303.041
394	A.0000303.041.001.018	T61 SE SCHLD REPL POL AT STR 125	Electric Transmission	Cooley	SR	A.0000303.041
395	A.0000303.041.001.015	W98 SE UNSCHLD REPL ARM STR 140	Electric Transmission	Cooley	SR	A.0000303.041
396						A.0000303.041 Total
397	A.0000303.042.001.004	K23 SE SCHLD REPL 2019 HELI PAT DAM	Electric Transmission	Cooley	SR	A.0000303.042
398	A.0000303.042.001.005	K18 REPL POLE AT STR 278	Electric Transmission	Cooley	SR	A.0000303.042
399						A.0000303.042 Total
400	A.0000303.044.001.080	Y59 SE UNSCHLD REPL DAM STRS	Electric Transmission	Cooley	SR	A.0000303.044
401	A.0000303.044.001.086	Y59 SE UNSCHLD REPL STR 313	Electric Transmission	Cooley	SR	A.0000303.044
402	A.0000303.044.001.094	Z18 SE UNSCHLD REPL DAM STRM STRS	Electric Transmission	Cooley	SR	A.0000303.044
403	A.0000303.044.001.124	Y92 SE UNSCHLD REPL OHGP STR 14	Electric Transmission	Cooley	SR	A.0000303.044
404	A.0000303.044.001.121	Z60 SE UNSCHLD REPL STRS 379 TO 386	Electric Transmission	Cooley	SR	A.0000303.044
405	A.0000303.044.001.100	Z63 SE UNSCHLD REPL STRS 286-289	Electric Transmission	Cooley	SR	A.0000303.044
406	A.0000303.044.001.125	Y795 BILLING UNSC REPL STR 2	Electric Transmission	Cooley	SR	A.0000303.044
407	A.0000303.044.001.106	Y93 BILLING UNSCHLD REPL STR 9	Electric Transmission	Cooley	SR	A.0000303.044
408	A.0000303.044.001.103	Z38 SE UNSCHLD RPLC POLE STR 31	Electric Transmission	Cooley	SR	A.0000303.044
409	A.0000303.044.001.096	Y89 1 SE UNSCHLD REPL STRS 118 AND	Electric Transmission	Cooley	SR	A.0000303.044
410	A.0000303.044.001.110	Y58 SE UNSCHLD REPL INSUL AT STR 4	Electric Transmission	Cooley	SR	A.0000303.044
411	A.0000303.044.001.095	Z513 SE UNSCHLD REPL STR 1	Electric Transmission	Cooley	SR	A.0000303.044
412	A.0000303.044.001.093	Z821 SE UNSCHLD REPL STRM STRS 128	Electric Transmission	Cooley	SR	A.0000303.044
413	A.0000303.044.001.105	Z50 SE UNSCHLD REPL STR 12	Electric Transmission	Cooley	SR	A.0000303.044
414	A.0000303.044.001.098	Y842 SE UNSCHLD REPL BOT ARM ON STR	Electric Transmission	Cooley	SR	A.0000303.044
415	A.0000303.044.001.122	Z533 SE UNSCHLD REPL STR 141	Electric Transmission	Cooley	SR	A.0000303.044
416	A.0000303.044.001.102	Z25 1 Replace STR 75	Electric Transmission	Cooley	SR	A.0000303.044
417	A.0000303.044.001.101	Z82 SE UNSCHLD REPL STRS 136-138	Electric Transmission	Cooley	SR	A.0000303.044
418	A.0000303.044.001.091	Y79 5 SE REHAB UNSCHLD REPL STR 41	Electric Transmission	Cooley	SR	A.0000303.044
419	A.0000303.044.001.099	Z53 SE UNSCHLD REPL STRS 326 TO 342	Electric Transmission	Cooley	SR	A.0000303.044
420						A.0000303.044 Total
421	A.0000303.045.001.053	W08 SE REHAB UNSCHLD REPL DAM POLES	Electric Transmission	Cooley	SR	A.0000303.045
422	A.0000303.045.001.068	T06 SE UNSCHLD REPL STR 256	Electric Transmission	Cooley	SR	A.0000303.045
423	A.0000303.045.001.079	T06 SE UNSCHLD REPL CONDUCTOR STR33	Electric Transmission	Cooley	SR	A.0000303.045
424	A.0000303.045.001.086	V66 SE UNSCHDLD REPL ARM STR 92	Electric Transmission	Cooley	SR	A.0000303.045
425	A.0000303.045.001.092	T281 SE UNSCHLD REPL ARM AT STR 71	Electric Transmission	Cooley	SR	A.0000303.045
426	A.0000303.045.001.097	W35 SE SCHLD REPL HELI PTRL ARMS	Electric Transmission	Cooley	SR	A.0000303.045
427	A.0000303.045.001.085	T89 SE UNSCHLD REPL STRS 270 AND 27	Electric Transmission	Cooley	SR	A.0000303.045
428	A.0000303.045.001.080	W35 SE UNSCHLD REPL STR 89	Electric Transmission	Cooley	SR	A.0000303.045
429	A.0000303.045.001.095	T20 SE UNSCHLD REPL STRS 63 AND 74	Electric Transmission	Cooley	SR	A.0000303.045
430	A.0000303.045.001.093	V33 SE UNSCHLD REPL STRS 197 AND 19	Electric Transmission	Cooley	SR	A.0000303.045
431	A.0000303.045.001.077	PROC V35 SE REHAB SCHLD REPL ARMS P	Electric Transmission	Cooley	SR	A.0000303.045
432	A.0000303.045.001.106	V66 SE UNSCHLD REPL ARM STR 56	Electric Transmission	Cooley	SR	A.0000303.045

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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
392	A.0000303.041.001.012	SPS S&E 115kV Line NM	201906	216.98	-	-	-	216.98
393	A.0000303.041.001.019	SPS S&E 115kV Line NM	201907	18,440.82	-	-	-	18,440.82
394	A.0000303.041.001.018	SPS S&E 115kV Line NM	201907	23,004.82	-	-	-	23,004.82
395	A.0000303.041.001.015	SPS S&E 115kV Line NM	201907	17,905.36	-	-	-	17,905.36
396				1,734,593.07	982.64	-	982.64	1,733,610.43
397	A.0000303.042.001.004	SPS S&E 230kV Line NM	201906	(112,120.81)	-	-	-	(112,120.81)
398	A.0000303.042.001.005	SPS S&E 230kV Line NM	201907	24,028.15	-	-	-	24,028.15
399				(88,092.66)	-	-	-	(88,092.66)
400	A.0000303.044.001.080	SPS S&E 69kV Line TX	201807	6,416.76	-	-	-	6,416.76
401	A.0000303.044.001.086	SPS S&E 69kV Line TX	201809	721.92	-	-	-	721.92
402	A.0000303.044.001.094	SPS S&E 69kV Line TX	201906	46,989.03	-	-	-	46,989.03
403	A.0000303.044.001.124	SPS S&E 69kV Line TX	202009	7,595.67	-	-	-	7,595.67
404	A.0000303.044.001.121	SPS S&E 69kV Line TX	202007	85,204.71	-	-	-	85,204.71
405	A.0000303.044.001.100	SPS S&E 69kV Line TX	201908	29,741.36	251.83	-	251.83	29,489.53
406	A.0000303.044.001.125	SPS S&E 69kV Line TX	202009	10,970.34	-	-	-	10,970.34
407	A.0000303.044.001.106	SPS S&E 69kV Line TX	202004	18,894.42	-	-	-	18,894.42
408	A.0000303.044.001.103	SPS S&E 69kV Line TX	201907	19,842.98	-	-	-	19,842.98
409	A.0000303.044.001.096	SPS S&E 69kV Line TX	201906	107.37	-	-	-	107.37
410	A.0000303.044.001.110	SPS S&E 69kV Line TX	202008	4,111.85	-	-	-	4,111.85
411	A.0000303.044.001.095	SPS S&E 69kV Line TX	201912	26,906.12	-	-	-	26,906.12
412	A.0000303.044.001.093	SPS S&E 69kV Line TX	201906	(1,518.62)	-	-	-	(1,518.62)
413	A.0000303.044.001.105	SPS S&E 69kV Line TX	201912	6,203.81	267.32	-	267.32	5,936.49
414	A.0000303.044.001.098	SPS S&E 69kV Line TX	201906	0.02	-	-	-	0.02
415	A.0000303.044.001.122	SPS S&E 69kV Line TX	202008	13,745.36	-	-	-	13,745.36
416	A.0000303.044.001.102	SPS S&E 69kV Line TX	201909	41,213.30	-	-	-	41,213.30
417	A.0000303.044.001.101	SPS S&E 69kV Line TX	201908	35,517.31	251.83	-	251.83	35,265.48
418	A.0000303.044.001.091	SPS S&E 69kV Line TX	201906	(921.20)	-	-	-	(921.20)
419	A.0000303.044.001.099	SPS S&E 69kV Line TX	201906	14,357.95	-	-	-	14,357.95
420				366,100.46	770.98	-	770.98	365,329.48
421	A.0000303.045.001.053	SPS S&E 115kV Line TX	201805	15,279.47	-	-	-	15,279.47
422	A.0000303.045.001.068	SPS S&E 115kV Line TX	201808	1,549.58	-	-	-	1,549.58
423	A.0000303.045.001.079	SPS S&E 115kV Line TX	201906	(53.42)	-	-	-	(53.42)
424	A.0000303.045.001.086	SPS S&E 115kV Line TX	201906	(175.41)	-	-	-	(175.41)
425	A.0000303.045.001.092	SPS S&E 115kV Line TX	201906	1,062.00	-	-	-	1,062.00
426	A.0000303.045.001.097	SPS S&E 115kV Line TX	201911	55,902.92	-	-	-	55,902.92
427	A.0000303.045.001.085	SPS S&E 115kV Line TX	201906	0.02	-	-	-	0.02
428	A.0000303.045.001.080	SPS S&E 115kV Line TX	201912	8,350.32	-	-	-	8,350.32
429	A.0000303.045.001.095	SPS S&E 115kV Line TX	201909	43,736.48	-	-	-	43,736.48
430	A.0000303.045.001.093	SPS S&E 115kV Line TX	201906	(1,719.70)	-	-	-	(1,719.70)
431	A.0000303.045.001.077	SPS S&E 115kV Line TX	201912	1,297,247.64	-	-	-	1,297,247.64
432	A.0000303.045.001.106	SPS S&E 115kV Line TX	202008	7,707.97	-	-	-	7,707.97

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
433	A.0000303.045.001.071	V24 SE UNSCHLD REP FIBER STR 82	Electric Transmission	Cooley	SR	A.0000303.045
434	A.0000303.045.001.094	W29 SE UNSCHLD REPL STR 274	Electric Transmission	Cooley	SR	A.0000303.045
435	A.0000303.045.001.107	V15 SE UNSCHLD REPL ARM STR 71	Electric Transmission	Cooley	SR	A.0000303.045
436	A.0000303.045.001.088	T271 SE SCHLD REPL FIBER STR 203	Electric Transmission	Cooley	SR	A.0000303.045
437	A.0000303.045.001.091	V29 SE UNSCHLD REPL ARM AND POLE ST	Electric Transmission	Cooley	SR	A.0000303.045
438	A.0000303.045.001.100	W771 SE UNSCHLD REPL ARM POLE STR 1	Electric Transmission	Cooley	SR	A.0000303.045
439	A.0000303.045.001.096	W14 3 SE SCHLD REPL HELI PTRL ARM S	Electric Transmission	Cooley	SR	A.0000303.045
440	A.0000303.045.001.099	V66 SE SCHLD REPL HELI PTRL ARM STR	Electric Transmission	Cooley	SR	A.0000303.045
441	A.0000303.045.001.101	T07 SE UNSCHLD REPL STR 121	Electric Transmission	Cooley	SR	A.0000303.045
442						A.0000303.045 Total
443	A.0000303.046.001.002	SE J06 Potter Co Intg Hitchland In	Electric Transmission	Cooley	SR	A.0000303.046
444	A.0000303.046.001.007	J06 SE UNSCHLD REPL ARM STR 165	Electric Transmission	Cooley	SR	A.0000303.046
445						A.0000303.046 Total
446	A.0000303.047.001.001	SE V32 Texas Co Intg Kansas St Lin	Electric Transmission	Cooley	SR	A.0000303.047
447	A.0000303.047.001.003	V32 SE UNSCHLD REPL STATIC STR 338-	Electric Transmission	Cooley	SR	A.0000303.047
448	A.0000303.047.001.005	V32 SE UNSCHLD REPL STR 281	Electric Transmission	Cooley	SR	A.0000303.047
449	A.0000303.047.001.004	W09 PPR SCHLD REPL POL AT STR 99	Electric Transmission	Cooley	SR	A.0000303.047
450						A.0000303.047 Total
451	A.0000350.002.001.002	Lost Draw TOIF	Electric Transmission	Cooley	GI	A.0000350.002
452						A.0000350.002 Total
453	A.0000350.005.001.003	U20 LTDW-COCHRAN 115KV RETERM	Electric Transmission	Cooley	GI	A.0000350.005
454						A.0000350.005 Total
455	A.0000350.006.001.002	U19 LTDW-Lea Co Plains 115KV RETERM	Electric Transmission	Cooley	GI	A.0000350.006
456						A.0000350.006 Total
457	A.0000401.033.001.002	POTASH JUNCTION 115KV V18 LN RLY UP	Electric Transmission	Cooley	SR	A.0000401.033
458						A.0000401.033 Total
459	A.0000401.039.001.004	WIPP 115KV CAP BANK VOLT DIFF UPGRA	Electric Transmission	Cooley	SR	A.0000401.039
460						A.0000401.039 Total
461	A.0000417.015.001.003	TUCO Mooreland Woodward TX ROW 2020	Electric Transmission	Cooley	EC/TI	A.0000417.015
462						A.0000417.015 Total
463	A.0000424.029.001.002	W76 PCA-QUDA 115KV WRECK OUT REBUIL	Electric Transmission	Cooley	RE	A.0000424.029
464						A.0000424.029 Total
465	A.0000424.040.001.001	KIOWA - NEW 345-115KV SUBSTATION RI	Electric Transmission	Cooley	RE	A.0000424.040
466						A.0000424.040 Total
467	A.0000424.044.001.001	HOBBS GEN - NEW 345KV AUTO	Electric Transmission	Cooley	RE	A.0000424.044
468						A.0000424.044 Total
469	A.0000424.045.001.001	HOBBS-NEW 345KV KIOWA TERMINAL INST	Electric Transmission	Cooley	RE	A.0000424.045
470						A.0000424.045 Total
471	A.0000424.058.001.002	U08 PTJULSRI 115KV RETRM T38 LIVING	Electric Transmission	Cooley	RE	A.0000424.058
472						A.0000424.058 Total
473	A.0000424.068.001.002	LIVINGSTON RIDGE-CONVERT 69KV TO 11	Electric Transmission	Cooley	RE	A.0000424.068

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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
433	A.0000303.045.001.071	SPS S&E 115kV Line TX	201905	1,361.84	-	-	-	1,361.84
434	A.0000303.045.001.094	SPS S&E 115kV Line TX	201909	14,838.93	-	94.66	94.66	14,744.27
435	A.0000303.045.001.107	SPS S&E 115kV Line TX	202008	8,846.83	-	-	-	8,846.83
436	A.0000303.045.001.088	SPS S&E 115kV Line TX	201911	45,339.86	-	-	-	45,339.86
437	A.0000303.045.001.091	SPS S&E 115kV Line TX	201911	32,591.90	1,055.57	-	1,055.57	31,536.33
438	A.0000303.045.001.100	SPS S&E 115kV Line TX	201911	11,932.44	-	-	-	11,932.44
439	A.0000303.045.001.096	SPS S&E 115kV Line TX	201911	15,031.91	-	-	-	15,031.91
440	A.0000303.045.001.099	SPS S&E 115kV Line TX	201911	18,591.66	-	-	-	18,591.66
441	A.0000303.045.001.101	SPS S&E 115kV Line TX	201912	17,988.38	-	-	-	17,988.38
442				1,595,411.62	1,055.57	94.66	1,150.23	1,594,261.39
443	A.0000303.046.001.002	SPS S&E 345kV Line TX	201710	88,655.48	-	-	-	88,655.48
444	A.0000303.046.001.007	SPS S&E 345kV Line TX	201906	(1,317.34)	-	-	-	(1,317.34)
445				87,338.14	-	-	-	87,338.14
446	A.0000303.047.001.001	SPS S&E 115kV Line OK	201707	(359.14)	-	-	-	(359.14)
447	A.0000303.047.001.003	SPS S&E 115kV Line OK	201903	(1,633.69)	-	-	-	(1,633.69)
448	A.0000303.047.001.005	SPS S&E 115kV Line OK	201908	26,558.38	-	-	-	26,558.38
449	A.0000303.047.001.004	SPS S&E 115kV Line OK	201908	26,688.95	-	-	-	26,688.95
450				51,254.50	-	-	-	51,254.50
451	A.0000350.002.001.002	Lost Draw TOIF	201810	271,299.35	-	-	-	271,299.35
452				271,299.35	-	-	-	271,299.35
453	A.0000350.005.001.003	Lost Draw to Cochran Retermination	201810	(297,875.90)	-	-	-	(297,875.90)
454				(297,875.90)	-	-	-	(297,875.90)
455	A.0000350.006.001.002	Lost Draw to Lea Co Plains Retermin	201810	(273,591.77)	-	-	-	(273,591.77)
456				(273,591.77)	-	-	-	(273,591.77)
457	A.0000401.033.001.002	Potash Junction 115kV 4920	201711	46,018.09	-	-	-	46,018.09
458				46,018.09	-	-	-	46,018.09
459	A.0000401.039.001.004	Wipp Cap Bank Volt Diff NM	201807	(222.20)	-	-	-	(222.20)
460				(222.20)	-	-	-	(222.20)
461	A.0000417.015.001.003	TUCO-Mooreland Woodward TX ROW 2017	202008	10,084.19	-	-	-	10,084.19
462				10,084.19	-	-	-	10,084.19
463	A.0000424.029.001.002	V21_Quahada 115kV Reconductor	201703	10,683.47	-	-	-	10,683.47
464				10,683.47	-	-	-	10,683.47
465	A.0000424.040.001.001	Kiowa 345kV Sub H Term/Reactor	201803	(9,593.71)	-	-	-	(9,593.71)
466				(9,593.71)	-	-	-	(9,593.71)
467	A.0000424.044.001.001	Hobbs Sub Xfmr 345kV/230kV_UID	201803	25,444.43	-	-	-	25,444.43
468				25,444.43	-	-	-	25,444.43
469	A.0000424.045.001.001	Hobbs 345kV Sub Reactor/Kiowa_	201803	(4,329.73)	-	-	-	(4,329.73)
470				(4,329.73)	-	-	-	(4,329.73)
471	A.0000424.058.001.002	T38 Potash Re-Term_UID 50924	201711	8,128.67	-	-	-	8,128.67
472				8,128.67	-	-	-	8,128.67
473	A.0000424.068.001.002	L Ridge Sub 115kV Conv/S Brush	201711	(4,656.23)	-	-	-	(4,656.23)

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
474						A.0000424.068 Total
475	A.0000424.070.001.002	POTASH JNCT-115KV LINE RLYG UPGD TO	Electric Transmission	Cooley	RE	A.0000424.070
476						A.0000424.070 Total
477	A.0000424.085.001.002	J21 KIWA NOLO 345KV NEW 22 MILE LIN	Electric Transmission	Cooley	RE	A.0000424.085
478						A.0000424.085 Total
479	A.0000424.087.001.002	J22 NOLO CHDW 345KV NEW 18 MILE LIN	Electric Transmission	Cooley	RE	A.0000424.087
480						A.0000424.087 Total
481	A.0000424.088.001.003	J23 KIOWA RDRN 345KV RETERMINATION	Electric Transmission	Cooley	RE	A.0000424.088
482	A.0000424.088.001.002	J23 KIOWA RDRN 345KV RETERMINATION	Electric Transmission	Cooley	RE	A.0000424.088
483						A.0000424.088 Total
484	A.0000424.093.001.002	ROADRUNNER - 345KV LINE CONVERSION	Electric Transmission	Cooley	RE	A.0000424.093
485						A.0000424.093 Total
486	A.0000424.120.001.002	N Lov-Lov S ROW U18	Electric Transmission	Cooley	RE	A.0000424.120
487						A.0000424.120 Total
488	A.0000424.136.001.002	INSTALL - W26 115KV MONUMENT TAP TO	Electric Transmission	Cooley	RE	A.0000424.136
489						A.0000424.136 Total
490	A.0000424.137.001.003	W26 MONUMENT TAP BYRD ROW	Electric Transmission	Cooley	RE	A.0000424.137
491						A.0000424.137 Total
492	A.0000424.143.001.003	U08 INWE TAP IMC1 115KV REBUILD	Electric Transmission	Cooley	RE	A.0000424.143
493						A.0000424.143 Total
494	A.0000424.144.001.003	U08 IMC1 LSRI 115KV REBUILD	Electric Transmission	Cooley	RE	A.0000424.144
495						A.0000424.144 Total
496	A.0000424.163.001.002	N LOVING 345KV CHINA DRAW KIOWA TE	Electric Transmission	Cooley	RE	A.0000424.163
497						A.0000424.163 Total
498	A.0000424.165.001.002	NORTH LOVING - 345/115KV TRANSFORME	Electric Transmission	Cooley	RE	A.0000424.165
499						A.0000424.165 Total
500	A.0000424.167.001.002	CHINA DRAW 345KV NORTH LOVING TERMI	Electric Transmission	Cooley	RE	A.0000424.167
501						A.0000424.167 Total
502	A.0000424.169.001.003	CHINA DRAW - 345/115KV TRANSFORMER	Electric Transmission	Cooley	RE	A.0000424.169
503	A.0000424.169.001.002	CHINA DRAW - 345/115KV TRANSFORMER	Electric Transmission	Cooley	RE	A.0000424.169
504						A.0000424.169 Total
505	A.0000424.177.001.001	HOPI 115 KV TO PECOS TAM	Electric Transmission	Cooley	RE	A.0000424.177
506						A.0000424.177 Total
507	A.0000427.001.001.139	V04-EAPL-OSSS-115KV-LINE CAPACITY P	Electric Transmission	Cooley	SR	A.0000427.001
508						A.0000427.001 Total
509	A.0000427.014.001.001	K21 Clearance Violations	Electric Transmission	Cooley	SR	A.0000427.014
510						A.0000427.014 Total
511	A.0000463.001.001.002	W66 KLGR TP-POSO 115KV NEW LINE	Electric Transmission	Cooley	RE	A.0000463.001
512						A.0000463.001 Total
513	A.0000463.011.001.003	W66 2 ROW	Electric Transmission	Cooley	RE	A.0000463.011
514						A.0000463.011 Total

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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
474				(4,656.23)	-	-	-	(4,656.23)
475	A.0000424.070.001.002	Potash Sub Rly Mods Livingston	201711	(23,497.45)	-	-	-	(23,497.45)
476				(23,497.45)	-	-	-	(23,497.45)
477	A.0000424.085.001.002	Kiowa-North Loving 345kV Line_	201805	890,622.75	-	-	-	890,622.75
478				890,622.75	-	-	-	890,622.75
479	A.0000424.087.001.002	N Loving-China Draw 345kV Line	201805	62,635.96	(28,590.15)	-	(28,590.15)	91,226.11
480				62,635.96	(28,590.15)	-	(28,590.15)	91,226.11
481	A.0000424.088.001.003	Kiowa-Road Runner 345kV Line_U	201804	5,308.57	(11,921.51)	-	(11,921.51)	17,230.08
482	A.0000424.088.001.002	Kiowa-Road Runner 345kV Line_U	202001	(324.47)	-	-	-	(324.47)
483				4,984.10	(11,921.51)	-	(11,921.51)	16,905.61
484	A.0000424.093.001.002	Road Runner Sub 345kV Conv_UID	201804	14,321.82	-	-	-	14,321.82
485				14,321.82	-	-	-	14,321.82
486	A.0000424.120.001.002	N Loving-S Loving 115 kVROW	201801	7,905.08	8,378.53	-	8,378.53	(473.45)
487				7,905.08	8,378.53	-	8,378.53	(473.45)
488	A.0000424.136.001.002	Monument-Byrd 115kvRecond Line	201811	319,120.06	-	-	-	319,120.06
489				319,120.06	-	-	-	319,120.06
490	A.0000424.137.001.003	Monument-Byrd ROW	201712	(1,005,340.68)	-	-	-	(1,005,340.68)
491				(1,005,340.68)	-	-	-	(1,005,340.68)
492	A.0000424.143.001.003	IMC1-Intrepid West 115kv Recd	201903	33,403.24	-	-	-	33,403.24
493				33,403.24	-	-	-	33,403.24
494	A.0000424.144.001.003	OPIE Potash-Livingston Ridge	201903	882.53	-	-	-	882.53
495				882.53	-	-	-	882.53
496	A.0000424.163.001.002	N Loving Sub Kiowa/C Draw Term	201805	(4,845.59)	96.82	-	96.82	(4,942.41)
497				(4,845.59)	96.82	-	96.82	(4,942.41)
498	A.0000424.165.001.002	N Loving Sub Xfmr 345kV/115kV_	201805	46,373.11	3,343.92	-	3,343.92	43,029.19
499				46,373.11	3,343.92	-	3,343.92	43,029.19
500	A.0000424.167.001.002	C Draw 345kV Sub N Loving Term	201805	63.92	56.03	-	56.03	7.89
501				63.92	56.03	-	56.03	7.89
502	A.0000424.169.001.003	C Draw Sub Xmfr 345kV/115kV_UI	201805	3,261.02	-	-	-	3,261.02
503	A.0000424.169.001.002	C Draw Sub Xmfr 345kV/115kV_UI	201908	64.82	-	-	-	64.82
504				3,325.84	-	-	-	3,325.84
505	A.0000424.177.001.001	Hopi Breaker Install Pecos Ter	201711	1,566.23	-	-	-	1,566.23
506				1,566.23	-	-	-	1,566.23
507	A.0000427.001.001.139	SPS Line Capacity Line	201510	3,752.09	-	-	-	3,752.09
508				3,752.09	-	-	-	3,752.09
509	A.0000427.014.001.001	K21 Clearance Violations	201809	3,512.23	132.76	-	132.76	3,379.47
510				3,512.23	132.76	-	132.76	3,379.47
511	A.0000463.001.001.002	Portales 115kV Loop Line	201802	12,550.82	-	-	-	12,550.82
512				12,550.82	-	-	-	12,550.82
513	A.0000463.011.001.003	Kilgore-South Portales ROW	202005	(23,342.21)	-	-	-	(23,342.21)
514				(23,342.21)	-	-	-	(23,342.21)

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
515	A.0000463.015.001.004	Greyhound-Portales South ROW	Electric Transmission	Cooley	RE	A.0000463.015
516						A.0000463.015 Total
517	A.0000469.015.001.004	Z263 MLR REHAB SCHLD REPL EOL ARMS	Electric Transmission	Cooley	SR	A.0000469.015
518						A.0000469.015 Total
519	A.0000481.012.001.001	PURCH 250MVA TF COMPANY RESERVE	Electric Transmission	Cooley	RE	A.0000481.012
520						A.0000481.012 Total
521	A.0000489.003.001.003	KISER INSTALL CAPACITOR BANK	Electric Transmission	Cooley	RE	A.0000489.003
522						A.0000489.003 Total
523	A.0000494.001.001.002	SEMINOLE INTG REPL EAST 230115KV XF	Electric Transmission	Cooley	RE	A.0000494.001
524						A.0000494.001 Total
525	A.0000499.011.001.008	W58 NRTN - LOPZ SCHLD MAINT ELR	Electric Transmission	Cooley	SR	A.0000499.011
526	A.0000499.011.001.010	T13 ELR REHAB SCHLD REPL ARMS POLES	Electric Transmission	Cooley	SR	A.0000499.011
527						A.0000499.011 Total
528	A.0000499.012.001.003	Y99 DNVR CTY - DNVR CTY SCHLD MAIN	Electric Transmission	Cooley	SR	A.0000499.012
529	A.0000499.012.001.004	Y62 5 ELR SCHLD RPLC POLES ARMS	Electric Transmission	Cooley	SR	A.0000499.012
530	A.0000499.012.001.005	Y58 ELR SCHLD REPL ARMS POLES	Electric Transmission	Cooley	SR	A.0000499.012
531						A.0000499.012 Total
532	A.0000499.013.001.007	T53 ELR REHAB SCHLD REPL EOL ARMS P	Electric Transmission	Cooley	SR	A.0000499.013
533	A.0000499.013.001.008	V14 ELR REHAB SCHLD REPL EOL ARMS	Electric Transmission	Cooley	SR	A.0000499.013
534	A.0000499.013.001.005	V38 ELR REHAB SCHLD REPL EOL ARMS P	Electric Transmission	Cooley	SR	A.0000499.013
535	A.0000499.013.001.004	V08 ELR REHAB SCHLD REPL EOL POLES	Electric Transmission	Cooley	SR	A.0000499.013
536						A.0000499.013 Total
537	A.0000499.015.001.007	K53 NICOLS - GRPVN SCHLD MAINT EL	Electric Transmission	Cooley	SR	A.0000499.015
538						A.0000499.015 Total
539	A.0000511.001.001.002	K99 CATG-WOLF 230KV NEW LINE	Electric Transmission	Cooley	RE	A.0000511.001
540	A.0000511.001.001.001	v	Electric Transmission	Cooley	RE	A.0000511.001
541						A.0000511.001 Total
542	A.0000511.004.001.001	WOLFFORTH INTERCHANGE 230KV RING BU	Electric Transmission	Cooley	RE	A.0000511.004
543						A.0000511.004 Total
544	A.0000511.008.001.004	K99 ROW 2019	Electric Transmission	Cooley	RE	A.0000511.008
545						A.0000511.008 Total
546	A.0000511.020.001.001	LUBBOCK SOUTH TO WOLFFORTH RELAY UP	Electric Transmission	Cooley	RE	A.0000511.020
547						A.0000511.020 Total
548	A.0000511.021.001.001	SUNDOWN TO WOLFFORTH RELAY UPGRADE	Electric Transmission	Cooley	RE	A.0000511.021
549						A.0000511.021 Total
550	A.0000511.026.001.001	K39 CATG RETERM LPL 230KV	Electric Transmission	Cooley	RE	A.0000511.026
551						A.0000511.026 Total
552	A.0000513.002.001.001	Castro Co Breaker 8829 Replacement	Electric Transmission	Cooley	RE	A.0000513.002
553						A.0000513.002 Total
554	A.0000513.004.001.001	Denver City Breaker W970 Replacemen	Electric Transmission	Cooley	RE	A.0000513.004
555						A.0000513.004 Total

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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
515	A.0000463.015.001.004	Market St.-South Portales ROW	201812	169.27	169.21	-	169.21	0.06
516				169.27	169.21	-	169.21	0.06
517	A.0000469.015.001.004	SPS Major Line Refurb 69kV TX	201903	(118,819.12)	-	-	-	(118,819.12)
518				(118,819.12)	-	-	-	(118,819.12)
519	A.0000481.012.001.001	New 230/115kV Transformer	201812	119,005.16	1,276.39	-	1,276.39	117,728.77
520				119,005.16	1,276.39	-	1,276.39	117,728.77
521	A.0000489.003.001.003	Install Capacitor Bank at Kiser Sub	201804	(5,393.64)	-	-	-	(5,393.64)
522				(5,393.64)	-	-	-	(5,393.64)
523	A.0000494.001.001.002	Seminole Xfmr 1	201812	37,863.13	469.86	-	469.86	37,393.27
524				37,863.13	469.86	-	469.86	37,393.27
525	A.0000499.011.001.008	SPS ELR 115kV NM 2016	201805	(34,854.29)	-	-	-	(34,854.29)
526	A.0000499.011.001.010	SPS ELR 115kV NM 2016	201903	(667.95)	-	-	-	(667.95)
527				(35,522.24)	-	-	-	(35,522.24)
528	A.0000499.012.001.003	SPS ELR 69kV TX 2016	201711	(2,619.07)	-	-	-	(2,619.07)
529	A.0000499.012.001.004	SPS ELR 69kV TX 2016	202006	1,637,215.99	-	-	-	1,637,215.99
530	A.0000499.012.001.005	SPS ELR 69kV TX 2016	202003	233.40	-	-	-	233.40
531				1,634,830.32	-	-	-	1,634,830.32
532	A.0000499.013.001.007	SPS ELR 115kV TX 2016	201805	(58,031.68)	-	-	-	(58,031.68)
533	A.0000499.013.001.008	SPS ELR 115kV TX 2016	201903	(0.07)	-	-	-	(0.07)
534	A.0000499.013.001.005	SPS ELR 115kV TX 2016	201910	1,315,869.57	-	-	-	1,315,869.57
535	A.0000499.013.001.004	SPS ELR 115kV TX 2016	202004	797,894.99	3,702.27	-	3,702.27	794,192.72
536				2,055,732.81	3,702.27	-	3,702.27	2,052,030.54
537	A.0000499.015.001.007	SPS 230kV ELR TX 2016	201912	4,019,639.15	748.02	-	748.02	4,018,891.13
538				4,019,639.15	748.02	-	748.02	4,018,891.13
539	A.0000511.001.001.002	Carlisle to Wolfforth 230 kVLi	201711	531.45	-	-	-	531.45
540	A.0000511.001.001.001	Carlisle to Wolfforth 230 kVLi	201905	(5.88)	-	-	-	(5.88)
541				525.57	-	-	-	525.57
542	A.0000511.004.001.001	Carlisle to Wofforth Wolfforth	201711	4,277.88	-	-	-	4,277.88
543				4,277.88	-	-	-	4,277.88
544	A.0000511.008.001.004	Carlisle to Wofforth ROW	201906	54.26	-	-	-	54.26
545				54.26	-	-	-	54.26
546	A.0000511.020.001.001	Carl-Wolf Lubbock S Relay at	201803	(37,808.89)	-	-	-	(37,808.89)
547				(37,808.89)	-	-	-	(37,808.89)
548	A.0000511.021.001.001	Carl-Wolf Sundown Relay at Wo	201804	41,343.94	-	-	-	41,343.94
549				41,343.94	-	-	-	41,343.94
550	A.0000511.026.001.001	K39 LPL Line Reterm at Carlisle	201802	1,495.75	-	-	-	1,495.75
551				1,495.75	-	-	-	1,495.75
552	A.0000513.002.001.001	Castro Co Breaker 8829 Replacement	201811	(1,679.42)	-	-	-	(1,679.42)
553				(1,679.42)	-	-	-	(1,679.42)
554	A.0000513.004.001.001	Denver City Breaker W970 Replacemen	201811	(69,522.11)	-	-	-	(69,522.11)
555				(69,522.11)	-	-	-	(69,522.11)

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	**WBS Level 4 Number**	**WBS Level 4 Description**	**Asset Class**	**Witness**	**Project Category**	**WBS Level 2 Number**
556	A.0000513.005.001.001	Denver City Breaker W900 Replacemen	Electric Transmission	Cooley	RE	A.0000513.005
557						A.0000513.005 Total
558	A.0000519.001.001.001	ROOSEVELT - 230KV DOUBLE BUS EXPANS	Electric Transmission	Cooley	RE	A.0000519.001
559						A.0000519.001 Total
560	A.0000522.004.001.002	Capitan 115kv Line Upgrade	Electric Transmission	Cooley	RE	A.0000522.004
561	A.0000522.004.001.003	Capitan 115kv Line Upgrade	Electric Transmission	Cooley	RE	A.0000522.004
562						A.0000522.004 Total
563	A.0000537.001.001.001	HITCHLAND-NEW 345 KV TERMINAL-GEN-2	Electric Transmission	Cooley	GI	A.0000537.001
564						A.0000537.001 Total
565	A.0000540.001.001.002	W92-EAGLE CREEK TO ATOKA-NEW 115KV	Electric Transmission	Cooley	RE	A.0000540.001
566						A.0000540.001 Total
567	A.0000553.001.001.001	DIAMONDBACK - 115KV LYNTEGAR WELCH	Electric Transmission	Cooley	LI	A.0000553.001
568						A.0000553.001 Total
569	A.0000564.002.001.001	TUCO REPL 345230KV 560MVA AUTOXFMR	Electric Transmission	Cooley	GI	A.0000564.002
570						A.0000564.002 Total
571	A.0000616.001.001.001	SONCY - 115KV BUS BUILD	Electric Transmission	Cooley	RE	A.0000616.001
572						A.0000616.001 Total
573	A.0000616.006.001.001	Y72 SONCY TO COULTER 115KV RE-TERMI	Electric Transmission	Cooley	RE	A.0000616.006
574						A.0000616.006 Total
575	A.0000640.020.001.001	TEXAS CTY-ELR 115KV CB 800,804 BKRS	Electric Transmission	Cooley	SR	A.0000640.020
576						A.0000640.020 Total
577	A.0000640.023.001.001	AMOCO REPL 230KV BKRS 3K10 3K15 3K2	Electric Transmission	Cooley	SR	A.0000640.023
578						A.0000640.023 Total
579	A.0000658.002.001.002	SGRV - Inst 115kV BFR	Electric Transmission	Cooley	RE	A.0000658.002
580						A.0000658.002 Total
581	A.0000665.005.001.002	Tuco-Woodward ROW	Electric Transmission	Cooley	EC/TI	A.0000665.005
582						A.0000665.005 Total
583	A.0000673.022.001.002	TUCO-Yoakum 345kV ROW UID 5044	Electric Transmission	Cooley	RE	A.0000673.022
584	A.0000673.022.001.003	TUCO-YOAKUM 345kV ROW UID 50447	Electric Transmission	Cooley	RE	A.0000673.022
585	A.0000673.022.001.004	TUCO-YOAKUM 345kV ROW UID 50447	Electric Transmission	Cooley	RE	A.0000673.022
586						A.0000673.022 Total
587	A.0000706.001.001.001	HITCHLAND-NEW 345KV TERMINAL TO FIR	Electric Transmission	Cooley	GI	A.0000706.001
588						A.0000706.001 Total
589	A.0000710.001.001.001	ROOSEVELT COUNTY INFRASTRUCTURE UPG	Electric Transmission	Cooley	OT	A.0000710.001
590						A.0000710.001 Total
591	A.0000710.003.001.001	HARRINGTON INFRASTURE UPGRADES	Electric Transmission	Cooley	OT	A.0000710.003
592	A.0000710.003.001.003	HITCHLAND INFRASTURE UPGRADE	Electric Transmission	Cooley	OT	A.0000710.003
593	A.0000710.003.001.004	TOLK INFRASTRUCTURE UPGRADE	Electric Transmission	Cooley	OT	A.0000710.003
594	A.0000710.003.001.005	PLANT X INFRASTRUCTURE UPGRADES	Electric Transmission	Cooley	OT	A.0000710.003
595	A.0000710.003.001.006	YOAKUM INFRASTRUCTURE UPGRADE	Electric Transmission	Cooley	OT	A.0000710.003
596	A.0000710.003.001.007	HTLD EEE Panels	Electric Transmission	Cooley	OT	A.0000710.003

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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
556	A.0000513.005.001.001	Denver City Breaker W900 Replacemen	201810	(50,100.25)	-	-	-	(50,100.25)
557				(50,100.25)	-	-	-	(50,100.25)
558	A.0000519.001.001.001	Roosevelt County Substation	201806	41,794.27	-	-	-	41,794.27
559				41,794.27	-	-	-	41,794.27
560	A.0000522.004.001.002	Chaves-Price-Capitan 115 kV Ca	201801	(559.31)	-	-	-	(559.31)
561	A.0000522.004.001.003	Chaves-Price-Capitan 115 kV Ca	201903	299.80	-	-	-	299.80
562				(259.51)	-	-	-	(259.51)
563	A.0000537.001.001.001	Novus Wind IV - Hitchland Sub	201712	202.29	-	-	-	202.29
564				202.29	-	-	-	202.29
565	A.0000540.001.001.002	Atoka-Eagle Creek 115 kV Line	201812	56,239.91	-	-	-	56,239.91
566				56,239.91	-	-	-	56,239.91
567	A.0000553.001.001.001	Diamondback Lyntegar TerminalS	201811	2,880.77	238.26	-	238.26	2,642.51
568				2,880.77	238.26	-	238.26	2,642.51
569	A.0000564.002.001.001	Tuco 345 Trsf Rplmnt Sub Portion	201805	2,203,625.06	-	-	-	2,203,625.06
570				2,203,625.06	-	-	-	2,203,625.06
571	A.0000616.001.001.001	Soncy Dist. Transformer Conv.	201812	67,609.02	3,024.67	-	3,024.67	64,584.35
572				67,609.02	3,024.67	-	3,024.67	64,584.35
573	A.0000616.006.001.001	69kV Line Tap to Soncy Line	201802	5,932.15	979.08	-	979.08	4,953.07
574				5,932.15	979.08	-	979.08	4,953.07
575	A.0000640.020.001.001	Texas Co Rpl Breakers 800, 804	201812	96.28	117.48	-	117.48	(21.20)
576				96.28	117.48	-	117.48	(21.20)
577	A.0000640.023.001.001	AMOCO Breaker Rplmnt	201809	847.44	-	-	-	847.44
578				847.44	-	-	-	847.44
579	A.0000658.002.001.002	Seagraves	201901	30,859.62	-	-	-	30,859.62
580				30,859.62	-	-	-	30,859.62
581	A.0000665.005.001.002	TUCO Mooreland Woodward TX RO	202004	258,822.15	-	-	-	258,822.15
582				258,822.15	-	-	-	258,822.15
583	A.0000673.022.001.002	TUCO-Yoakum 345kV ROW_UID 5044	201806	(65,098.01)	108.82	-	108.82	(65,206.83)
584	A.0000673.022.001.003	TUCO-Yoakum 345kV ROW_UID 5044	201905	372,379.47	11,982.31	-	11,982.31	360,397.16
585	A.0000673.022.001.004	TUCO-Yoakum 345kV ROW_UID 5044	202004	29,098.44	-	-	-	29,098.44
586				336,379.90	12,091.13	-	12,091.13	324,288.77
587	A.0000706.001.001.001	Hitchland-New 345kV Terminal -	201710	2,830.75	-	-	-	2,830.75
588				2,830.75	-	-	-	2,830.75
589	A.0000710.001.001.001	NM Physical Security Sub Infrastruc	201712	37,964.83	-	-	-	37,964.83
590				37,964.83	-	-	-	37,964.83
591	A.0000710.003.001.001	SPS Physical Security Sub Infrastru	201808	(66,698.57)	-	-	-	(66,698.57)
592	A.0000710.003.001.003	SPS Physical Security Sub Infrastru	201712	(28,393.59)	-	-	-	(28,393.59)
593	A.0000710.003.001.004	SPS Physical Security Sub Infrastru	201712	(98,778.07)	-	-	-	(98,778.07)
594	A.0000710.003.001.005	SPS Physical Security Sub Infrastru	201807	157,534.51	1,035.41	-	1,035.41	156,499.10
595	A.0000710.003.001.006	SPS Physical Security Sub Infrastru	201808	(42,178.24)	852.64	-	852.64	(43,030.88)
596	A.0000710.003.001.007	SPS Physical Security Sub Infrastru	201905	2,223.98	19.37	-	19.37	2,204.61

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
597						A.0000710.003 Total
598	A.0000736.001.001.001	NEEDMORE NEW 230KV SUBSTATION TOIF	Electric Transmission	Cooley	GI	A.0000736.001
599						A.0000736.001 Total
600	A.0000736.002.001.001	NEEDMORE NEW 230KV SUBSTATION	Electric Transmission	Cooley	GI	A.0000736.002
601						A.0000736.002 Total
602	A.0000767.003.001.001	OSAGE- RETIRE4-115KV LINE TERM-BKR	Electric Transmission	Cooley	RE	A.0000767.003
603						A.0000767.003 Total
604	A.0000767.008.001.001	EAST PLANT-115KV TERMINAL UPGRADE-U	Electric Transmission	Cooley	RE	A.0000767.008
605						A.0000767.008 Total
606	A.0000768.002.001.001	W-90 BLANCO - CROSBY CO. INTG 115KV	Electric Transmission	Cooley	GI	A.0000768.002
607						A.0000768.002 Total
608	A.0000781.015.001.001	Modify V44 at Colter for SL335	Electric Transmission	Cooley	RE	A.0000781.015
609						A.0000781.015 Total
610	A.0000795.001.001.005	T70 SOGE - CLTR OPGW	Electric Transmission	Cooley	OT	A.0000795.001
611	A.0000795.001.001.008	U23 HILS ? CLTR OPGW Install	Electric Transmission	Cooley	OT	A.0000795.001
612	A.0000795.001.001.006	U16 BULD - OUTP OPGW Install	Electric Transmission	Cooley	OT	A.0000795.001
613	A.0000795.001.001.004	V52 CLTR - BULD OPGW	Electric Transmission	Cooley	OT	A.0000795.001
614	A.0000795.001.001.007	U24 OUTP ? HILS OPGW	Electric Transmission	Cooley	OT	A.0000795.001
615						A.0000795.001 Total
616	A.0000795.002.001.001	SPS GRP1 COMM NETWORK UPGRADE - EAS	Electric Transmission	Cooley	OT	A.0000795.002
617	A.0000795.002.001.008	SPS GRP1 NETWORK UPGRADE - COULTER	Electric Transmission	Cooley	OT	A.0000795.002
618	A.0000795.002.001.014	CLTR Fiber Ring Sub	Electric Transmission	Cooley	OT	A.0000795.002
619	A.0000795.002.001.011	BULD Fiber Ring Sub	Electric Transmission	Cooley	OT	A.0000795.002
620	A.0000795.002.001.009	SPS GRP1 COMM NETWORK UPGRADE - POT	Electric Transmission	Cooley	OT	A.0000795.002
621	A.0000795.002.001.010	SOGE Fiber Ring Sub	Electric Transmission	Cooley	OT	A.0000795.002
622						A.0000795.002 Total
623	A.0000798.012.001.001	COLE-0840 CIRCUIT BREAKER REPLACEME	Electric Transmission	Cooley	SR	A.0000798.012
624						A.0000798.012 Total
625	A.0000846.001.001.003	DENVER CITY - 115KV BREAKER RELAY A	Electric Transmission	Cooley	RE	A.0000846.001
626						A.0000846.001 Total
627	A.0000860.003.001.001	CURRY CO DIST XFMR CONVERSION	Electric Transmission	Cooley	RE	A.0000860.003
628						A.0000860.003 Total
629	A.0000866.033.001.001	LAMB COUNTY SUD EXPANSION LAND	Electric Transmission	Cooley	RE	A.0000866.033
630						A.0000866.033 Total
631	A.0000979.011.001.001	K56 MUST YOCO 230KV STR RAISE	Electric Transmission	Cooley	RE	A.0000979.011
632						A.0000979.011 Total
633	A.0001002.001.001.001	LOA N Loving Ter Up RR Plant LucidT	Electric Transmission	Cooley	LI	A.0001002.001
634						A.0001002.001 Total
635	A.0001002.002.001.001	LOA N Loving Ter Up RR Plant LucidX	Electric Transmission	Cooley	LI	A.0001002.002
636						A.0001002.002 Total
637	A.0001067.001.001.001	Lubbock East K57 Relay Upgrade	Electric Transmission	Cooley	SR	A.0001067.001

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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
597				(76,289.98)	1,907.42	-	1,907.42	(78,197.40)
598	A.0000736.001.001.001	Needmore Substation TOIF	201804	21,612.85	-	-	-	21,612.85
599				21,612.85	-	-	-	21,612.85
600	A.0000736.002.001.001	Needmore Substation	201804	611,259.10	913.88	-	913.88	610,345.22
601				611,259.10	913.88	-	913.88	610,345.22
602	A.0000767.003.001.001	Osage Substation	201804	3,952.60	-	-	-	3,952.60
603				3,952.60	-	-	-	3,952.60
604	A.0000767.008.001.001	East Plant Relay Sub	201711	2,718.31	-	-	-	2,718.31
605				2,718.31	-	-	-	2,718.31
606	A.0000768.002.001.001	Crosby-Blanco Retermination-11	201803	(261,400.42)	-	-	-	(261,400.42)
607				(261,400.42)	-	-	-	(261,400.42)
608	A.0000781.015.001.001	Modify V44 at Colter for SL335	201708	1,115.76	-	-	-	1,115.76
609				1,115.76	-	-	-	1,115.76
610	A.0000795.001.001.005	SPS Sub Comm Network Group 1 L	201812	2,281.87	-	-	-	2,281.87
611	A.0000795.001.001.008	SPS Sub Comm Network Group 1 L	201912	231,604.15	9,278.73	-	9,278.73	222,325.42
612	A.0000795.001.001.006	SPS Sub Comm Network Group 1 L	202003	232,056.68	12,237.67	-	12,237.67	219,819.01
613	A.0000795.001.001.004	SPS Sub Comm Network Group 1 L	201912	(1.41)	(581.08)	-	(581.08)	579.67
614	A.0000795.001.001.007	SPS Sub Comm Network Group 1 L	202002	460,252.73	14,323.50	-	14,323.50	445,929.23
615				926,194.02	35,258.82	-	35,258.82	890,935.20
616	A.0000795.002.001.001	SPS Sub Comm Network Group 1 S	201711	2,638.36	2,410.60	-	2,410.60	227.76
617	A.0000795.002.001.008	SPS Sub Comm Network Group 1 S	201912	69.36	-	-	-	69.36
618	A.0000795.002.001.014	SPS Sub Comm Network Group 1 S	201912	271,169.54	4,309.36	-	4,309.36	266,860.18
619	A.0000795.002.001.011	SPS Sub Comm Network Group 1 S	202003	57,415.01	950.75	-	950.75	56,464.26
620	A.0000795.002.001.009	SPS Sub Comm Network Group 1 S	201910	0.12	-	-	-	0.12
621	A.0000795.002.001.010	SPS Sub Comm Network Group 1 S	202005	206,566.49	4,147.96	-	4,147.96	202,418.53
622				537,858.88	11,818.67	-	11,818.67	526,040.21
623	A.0000798.012.001.001	Cole Rpl Breaker 0845	201612	(387,135.66)	-	-	-	(387,135.66)
624				(387,135.66)	-	-	-	(387,135.66)
625	A.0000846.001.001.003	Denver City 115 kV Breaker Add	201810	403.96	397.92	-	397.92	6.04
626				403.96	397.92	-	397.92	6.04
627	A.0000860.003.001.001	Curry Co Dist Xfmr Conversion	201805	70,667.03	-	-	-	70,667.03
628				70,667.03	-	-	-	70,667.03
629	A.0000866.033.001.001	Lamb County Land	201706	(62,142.92)	-	-	-	(62,142.92)
630				(62,142.92)	-	-	-	(62,142.92)
631	A.0000979.011.001.001	K56 Structure Raise	201811	(19,518.96)	-	-	-	(19,518.96)
632				(19,518.96)	-	-	-	(19,518.96)
633	A.0001002.001.001.001	115kV N loving Sub TOIF Lucid Porti	201711	5,082.90	-	-	-	5,082.90
634				5,082.90	-	-	-	5,082.90
635	A.0001002.002.001.001	115kV N loving Sub Ter Upg Xcel Por	201710	249.66	-	-	-	249.66
636				249.66	-	-	-	249.66
637	A.0001067.001.001.001	Lubbock East K57 Relay Upgrade	201901	733.49	-	-	-	733.49

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
638						A.0001067.001 Total
639	A.0001067.004.001.001	Lubbock South K64 Relay Upgrade	Electric Transmission	Cooley	SR	A.0001067.004
640						A.0001067.004 Total
641	A.0001106.001.001.001	WIPP W38 STR RELOC REIMB	Electric Transmission	Cooley	OT	A.0001106.001
642						A.0001106.001 Total
643	A.0001126.001.001.001	INST U08 TEMP 115KV SW REIMB TOIF	Electric Transmission	Cooley	LI	A.0001126.001
644						A.0001126.001 Total
645	A.0001126.002.001.001	INST U08 115KV SW	Electric Transmission	Cooley	LI	A.0001126.002
646						A.0001126.002 Total
647	A.0001156.001.001.001	INST 1 WAY 115KV W72 MATADOR SWITCH	Electric Transmission	Cooley	LI	A.0001156.001
648						A.0001156.001 Total
649	A.0001183.001.001.002	COCHRAN TERM UP LINE RATING	Electric Transmission	Cooley	GI	A.0001183.001
650						A.0001183.001 Total
651	A.0001267.001.001.002	345 115kV 448MVA XfmrspareSub	Electric Transmission	Cooley	SR	A.0001267.001
652						A.0001267.001 Total
653	A.0001272.001.001.002	CARGILL INST 144 MVAR CAP BK	Electric Transmission	Cooley	RE	A.0001272.001
654						A.0001272.001 Total
655	A.0001273.005.001.010	SFE - EAST PLANT - RPL BUSH IN AUTO	Electric Transmission	Cooley	SR	A.0001273.005
656	A.0001273.005.001.008	East Plant Remove Breaker A752	Electric Transmission	Cooley	SR	A.0001273.005
657						A.0001273.005 Total
658	A.0001273.020.001.001	RVCO - RPL 230KV BKR 4K65	Electric Transmission	Cooley	SR	A.0001273.020
659						A.0001273.020 Total
660	A.0001283.004.001.001	Lea Plains Metering	Electric Transmission	Cooley	RE	A.0001283.004
661						A.0001283.004 Total
662	A.0001300.009.001.002	Reterm 115KV Line Roswell City T24	Electric Transmission	Cooley	RE	A.0001300.009
663						A.0001300.009 Total
664	A.0001300.014.001.002	Wreckout Rebuilt 115KV Line U13	Electric Transmission	Cooley	RE	A.0001300.014
665						A.0001300.014 Total
666	A.0001300.023.001.001	ROSWELL INTG SIERRA SUB U 13 ROW	Electric Transmission	Cooley	RE	A.0001300.023
667						A.0001300.023 Total
668	A.0001300.025.001.001	Z09 RSWL - BSHR RBLD STR 2 TO 10	Electric Transmission	Cooley	RE	A.0001300.025
669						A.0001300.025 Total
670	A.0001310.002.001.002	J26 HTLD TO CARP 345KV OLD J07 RETE	Electric Transmission	Cooley	RE	A.0001310.002
671						A.0001310.002 Total
672	A.0001310.003.001.003	STEVENS INST 345KV THREE POSITION R	Electric Transmission	Cooley	RE	A.0001310.003
673						A.0001310.003 Total
674	A.0001319.007.001.002	W40 REBUILD CANYON WEST TO DAWN	Electric Transmission	Cooley	RE	A.0001319.007
675						A.0001319.007 Total
676	A.0001319.009.001.002	INSTALL - CANYON WEST W40 115KV LIN	Electric Transmission	Cooley	RE	A.0001319.009
677						A.0001319.009 Total
678	A.0001319.011.001.003	DEAF SMITH W40 UPGRADE	Electric Transmission	Cooley	RE	A.0001319.011

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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
638				733.49	-	-	-	733.49
639	A.0001067.004.001.001	Lubbock South K64 Relay Upgrade	201810	(714.01)	-	-	-	(714.01)
640				(714.01)	-	-	-	(714.01)
641	A.0001106.001.001.001	WIPP W38 Structure Relocate	201806	(86,819.00)	-	-	-	(86,819.00)
642				(86,819.00)	-	-	-	(86,819.00)
643	A.0001126.001.001.001	Inst Temp Switch Reimb TOIF	201808	248,448.82	-	-	-	248,448.82
644				248,448.82	-	-	-	248,448.82
645	A.0001126.002.001.001	Inst 3 1 Way 115kV Switch	201811	11,277.40	-	294.60	294.60	10,982.80
646				11,277.40	-	294.60	294.60	10,982.80
647	A.0001156.001.001.001	Int 1 Way 115kV Switch Tap	201809	14,959.51	672.81	-	672.81	14,286.70
648				14,959.51	672.81	-	672.81	14,286.70
649	A.0001183.001.001.002	Cochran Terminal Upgrade Sub	201810	(1,313.77)	-	-	-	(1,313.77)
650				(1,313.77)	-	-	-	(1,313.77)
651	A.0001267.001.001.002	345/115kV 448MVA XfmrspareSub	201901	218,929.53	166.22	-	166.22	218,763.31
652				218,929.53	166.22	-	166.22	218,763.31
653	A.0001272.001.001.002	Cargill 14.4 Mvar Cap Bank	201812	(9,251.85)	(8,346.44)	-	(8,346.44)	(905.41)
654				(9,251.85)	(8,346.44)	-	(8,346.44)	(905.41)
655	A.0001273.005.001.010	Facil UpgSub Ancillary Eq2016	202004	447,842.13	-	-	-	447,842.13
656	A.0001273.005.001.008	Facil UpgSub Ancillary Eq2016	201812	(394.82)	-	-	-	(394.82)
657				447,447.31	-	-	-	447,447.31
658	A.0001273.020.001.001	Roosevelt Breaker 4K65 Replacement	201812	13,458.13	-	-	-	13,458.13
659				13,458.13	-	-	-	13,458.13
660	A.0001283.004.001.001	Lea Plains Metering	201805	(27,458.55)	-	-	-	(27,458.55)
661				(27,458.55)	-	-	-	(27,458.55)
662	A.0001300.009.001.002	Reterm 115KV Roswell City	201811	(1,131.00)	-	-	-	(1,131.00)
663				(1,131.00)	-	-	-	(1,131.00)
664	A.0001300.014.001.002	Wreckout Rebuild 115KV LineT24	201811	36,273.21	27,733.48	-	27,733.48	8,539.73
665				36,273.21	27,733.48	-	27,733.48	8,539.73
666	A.0001300.023.001.001	T24 ROW	201712	10,895.52	-	-	-	10,895.52
667				10,895.52	-	-	-	10,895.52
668	A.0001300.025.001.001	Wreckout Rebuild Z09 Dble Ckt	201811	(3,995.00)	-	-	-	(3,995.00)
669				(3,995.00)	-	-	-	(3,995.00)
670	A.0001310.002.001.002	Reterm 345KV Line Old J7	201806	(143,801.61)	-	-	-	(143,801.61)
671				(143,801.61)	-	-	-	(143,801.61)
672	A.0001310.003.001.003	Walkemeyer 345/115 Sub	201806	14,043.43	2,651.62	-	2,651.62	11,391.81
673				14,043.43	2,651.62	-	2,651.62	11,391.81
674	A.0001319.007.001.002	W40 Recond Canyon WDeaf Smith	201802	1,880.78	1,996.24	-	1,996.24	(115.46)
675				1,880.78	1,996.24	-	1,996.24	(115.46)
676	A.0001319.009.001.002	Canyon West Sub W40 Term Upgr	201802	130,907.68	-	-	-	130,907.68
677				130,907.68	-	-	-	130,907.68
678	A.0001319.011.001.003	Deaf Smith W40 Term Upgr	201811	(2,479.12)	4,855.49	-	4,855.49	(7,334.61)

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
679						A.0001319.011 Total
680	A.0001359.001.001.001	CASTRO COUNTY NEW 115KV TERMINAL	Electric Transmission	Cooley	GI	A.0001359.001
681						A.0001359.001 Total
682	A.0000424.037.001.002	J20 HOBBS KIWA 345KV NEW 48 MILE LI	Electric Transmission	Cooley	RE	A.0000424.037
683						A.0000424.037 Total
684	A.0000736.005.001.001	R05 TKST NDMR 230KV TERM INTO NDMR	Electric Transmission	Cooley	GI	A.0000736.005
685						A.0000736.005 Total
686	A.0000287.035.001.001	POTASH JUNCTION 115KV V18 LN TERM U	Electric Transmission	Cooley	SR	A.0000287.035
687						A.0000287.035 Total
688	A.0000463.008.001.002	W66 POSO TP-GRHD 115KV NEW LINE	Electric Transmission	Cooley	RE	A.0000463.008
689						A.0000463.008 Total
690	A.0000424.095.001.002	ROADRUNNER - 345-115KV XFMR CONVERS	Electric Transmission	Cooley	RE	A.0000424.095
691						A.0000424.095 Total
692	A.0000974.012.001.001	OPTIMA LAND ELEC TRAN SUB OK	Electric Transmission	Cooley	TI	A.0000974.012
693						A.0000974.012 Total
694	A.0000194.008.001.001	Cochran Whiteface Z26 Rebuild	Electric Transmission	Cooley	RE	A.0000194.008
695						A.0000194.008 Total
696	A.0002049.001.001.002	POTASH ? ADD KIOWA 115KV TERMINAL	Electric Transmission	Cooley	RE	A.0002049.001
697						A.0002049.001 Total
698	A.0001271.004.001.002	U04 CRDL TEAG 115KV RECON	Electric Transmission	Cooley	RE	A.0001271.004
699						A.0001271.004 Total
700	A.0000094.001.001.001	METERING/NOBLE SUB: PULSE COUNTS FO	Electric Transmission	Cooley	GI	A.0000094.001
701						A.0000094.001 Total
702	A.0000673.026.001.002	NM STATELINE TO HOBBS J18 ROW	Electric Transmission	Cooley	RE	A.0000673.026
703						A.0000673.026 Total
704	A.0000424.099.001.002	Kinder Morgan Payment	Electric Transmission	Cooley	RE	A.0000424.099
705						A.0000424.099 Total
706	A.0000296.005.001.002	W82 HFNE LAPA NEW 115KV LINE	Electric Transmission	Cooley	RE	A.0000296.005
707						A.0000296.005 Total
708	A.0000296.008.001.001	NE HEREFORD - 115KV TERMINAL TO CEN	Electric Transmission	Cooley	RE	A.0000296.008
709						A.0000296.008 Total
710	A.0000105.007.001.003	PXST 230KV TERM UP REIMB	Electric Transmission	Cooley	GI	A.0000105.007
711						A.0000105.007 Total
712	A.0001300.013.001.002	ROSWELL INTG 115KV BKR ONE HALF	Electric Transmission	Cooley	RE	A.0001300.013
713						A.0001300.013 Total
714	A.0001300.022.001.003	RWCY - UPGRADE RELAYS T24 TERMINAL	Electric Transmission	Cooley	RE	A.0001300.022
715						A.0001300.022 Total
716	A.0000640.008.001.002	TOLK BKR REPLACEMENTS TK12, TK39, T	Electric Transmission	Cooley	SR	A.0000640.008
717						A.0000640.008 Total
718	A.0000350.001.001.002	INST 115KV SW SUB REIMB	Electric Transmission	Cooley	GI	A.0000350.001
719						A.0000350.001 Total

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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
679				(2,479.12)	4,855.49	-	4,855.49	(7,334.61)
680	A.0001359.001.001.001	Castro Co Terminal Orion Wind	201610	400,401.66	1,175.26	-	1,175.26	399,226.40
681				400,401.66	1,175.26	-	1,175.26	399,226.40
682	A.0000424.037.001.002	OPIE 3_Hobbs-Kiowa 345kV Line_	201803	270,052.91	(66,278.57)	-	(66,278.57)	336,331.48
683				270,052.91	(66,278.57)	-	(66,278.57)	336,331.48
684	A.0000736.005.001.001	Tolk Needmore Retermination	201804	(81,846.85)	-	-	-	(81,846.85)
685				(81,846.85)	-	-	-	(81,846.85)
686	A.0000287.035.001.001	Potash 4920 Breaker Rplmnt	201710	(7,917.99)	-	-	-	(7,917.99)
687				(7,917.99)	-	-	-	(7,917.99)
688	A.0000463.008.001.002	South Portales-Market Street L	201807	622.57	-	-	-	622.57
689				622.57	-	-	-	622.57
690	A.0000424.095.001.002	Road Runner Sub Xfmr 345kV_UID	201804	87,925.67	377.67	-	377.67	87,548.00
691				87,925.67	377.67	-	377.67	87,548.00
692	A.0000974.012.001.001	Optima Land	201807	(35,120.31)	(5,006.59)	-	(5,006.59)	(30,113.72)
693				(35,120.31)	(5,006.59)	-	(5,006.59)	(30,113.72)
694	A.0000194.008.001.001	Cochran Whiteface Z26 Rebuild	201811	(77,252.61)	-	-	-	(77,252.61)
695				(77,252.61)	-	-	-	(77,252.61)
696	A.0002049.001.001.002	Potash Sub 115 kV Terminal Sub	201804	(140,218.64)	-	-	-	(140,218.64)
697				(140,218.64)	-	-	-	(140,218.64)
698	A.0001271.004.001.002	Cardinal-Teague Recond 115kV	201811	16,095.62	17.98	-	17.98	16,077.64
699				16,095.62	17.98	-	17.98	16,077.64
700	A.0000094.001.001.001	Noble Substation 345kV	201207	84.03	-	-	-	84.03
701				84.03	-	-	-	84.03
702	A.0000673.026.001.002	TX/NM Border-Hobbs 345kV ROW_U	201704	31,634.57	3,088.31	-	3,088.31	28,546.26
703				31,634.57	3,088.31	-	3,088.31	28,546.26
704	A.0000424.099.001.002	China Draw-Wood Draw 115kV Lin	202008	1,198,517.01	-	-	-	1,198,517.01
705				1,198,517.01	-	-	-	1,198,517.01
706	A.0000296.005.001.002	NE Hereford to New Center St.	201804	7,738.14	(34,215.55)	-	(34,215.55)	41,953.69
707				7,738.14	(34,215.55)	-	(34,215.55)	41,953.69
708	A.0000296.008.001.001	NE Hereford Sub	201804	3,299.39	-	-	-	3,299.39
709				3,299.39	-	-	-	3,299.39
710	A.0000105.007.001.003	Plant X Terminal Upgrades TX	201803	(1,089,563.47)	-	-	-	(1,089,563.47)
711				(1,089,563.47)	-	-	-	(1,089,563.47)
712	A.0001300.013.001.002	Roswell Intg 115KVBkr One Half	201811	17,494.78	186.24	-	186.24	17,308.54
713				17,494.78	186.24	-	186.24	17,308.54
714	A.0001300.022.001.003	Relay Upgr Roswell City Rosw Intg	201811	16,321.00	-	-	-	16,321.00
715				16,321.00	-	-	-	16,321.00
716	A.0000640.008.001.002	Tolk-Repl Bkrs TK12TK39TK43TK5	201612	(129,426.02)	-	-	-	(129,426.02)
717				(129,426.02)	-	-	-	(129,426.02)
718	A.0000350.001.001.002	Lost Draw Substation	201810	1,261,411.31	608.81	-	608.81	1,260,802.50
719				1,261,411.31	608.81	-	608.81	1,260,802.50

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
720	A.0001283.001.001.002	LEA CO PLAINS-ADD 115KV 14.4MVAR CA	Electric Transmission	Cooley	RE	A.0001283.001
721						A.0001283.001 Total
722	A.0001078.001.001.001	UPLC Upgrade Yoakum Needmore Parent	Electric Transmission	Cooley	SR	A.0001078.001
723						A.0001078.001 Total
724	A.0000616.002.001.001	T37-PUCKETT-SONCY TAP-115KV CONVERS	Electric Transmission	Cooley	RE	A.0000616.002
725						A.0000616.002 Total
726	A.0001003.001.001.003	Lighthouse Switch Inst Bill of Sale	Electric Transmission	Cooley	OT	A.0001003.001
727						A.0001003.001 Total
728	A.0000290.006.001.002	SEVEN RIVERS 230KV EDDY CNTY LN RLY	Electric Transmission	Cooley	RE	A.0000290.006
729						A.0000290.006 Total
730	A.0000640.021.001.001	HITCHLAND 115KV LN W07 W09 RELAY MO	Electric Transmission	Cooley	SR	A.0000640.021
731						A.0000640.021 Total
732	A.0000658.001.001.002	YOCO - Inst 115kV BFR	Electric Transmission	Cooley	RE	A.0000658.001
733						A.0000658.001 Total
734	A.0000663.001.001.002	SNDW-Repl 230kV Wave Trap	Electric Transmission	Cooley	RE	A.0000663.001
735						A.0000663.001 Total
736	A.0000663.002.001.002	AMSS-Repl 230kV Wave Trap	Electric Transmission	Cooley	RE	A.0000663.002
737						A.0000663.002 Total
738	A.0000663.005.001.002	K03-Raise Str 657	Electric Transmission	Cooley	RE	A.0000663.005
739						A.0000663.005 Total
740	A.0000902.001.001.001	TUCO ? ADD 230KV HALE WIND TERMINAL	Electric Transmission	Cooley	GI	A.0000902.001
741						A.0000902.001 Total
742	A.0000916.010.001.001	PLANT X230KV LRU TO DEAF SMITH K21	Electric Transmission	Cooley	RE	A.0000916.010
743						A.0000916.010 Total
744	A.0001285.001.001.002	U03 NEF-TARGA 115KV RECON	Electric Transmission	Cooley	RE	A.0001285.001
745						A.0001285.001 Total
746	A.0000424.145.001.003	U08 PTJU INWE TAP 115KV REBUILD	Electric Transmission	Cooley	RE	A.0000424.145
747						A.0000424.145 Total
748	A.0001273.015.001.001	Deaf Smith Breaker 2K20 Replacement	Electric Transmission	Cooley	SR	A.0001273.015
749						A.0001273.015 Total
750	A.0000401.049.001.002	SERI - Replace BPRO Relay	Electric Transmission	Cooley	SR	A.0000401.049
751						A.0000401.049 Total
752	A.0000427.016.001.002	W14 Y98 Clearance Violations	Electric Transmission	Cooley	SR	A.0000427.016
753						A.0000427.016 Total
754	A.0001008.001.001.002	MAHY-NEW 230KV SW SUB TOIF REIMB	Electric Transmission	Cooley	LI	A.0001008.001
755						A.0001008.001 Total
756	A.0000916.007.001.001	BUSHLAND LN RLY UPGR DEAF SMITH K11	Electric Transmission	Cooley	RE	A.0000916.007
757						A.0000916.007 Total
758	A.0001008.010.001.001	R12 230kV AWOR Mahoney TLINE	Electric Transmission	Cooley	LI	A.0001008.010
759						A.0001008.010 Total
760	A.0001008.006.001.001	BRU RELAY UPGRADE SUB	Electric Transmission	Cooley	LI	A.0001008.006

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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
720	A.0001283.001.001.002	Lea Co. Plains Sw. Cap Bank	201804	16,228.92	36.18	-	36.18	16,192.74
721				16,228.92	36.18	-	36.18	16,192.74
722	A.0001078.001.001.001	Yoakum UPLC Upgrade	201805	42,857.88	-	-	-	42,857.88
723				42,857.88	-	-	-	42,857.88
724	A.0000616.002.001.001	115kV Line Tap to Soncy Line	201812	(2,820.42)	2,107.95	-	2,107.95	(4,928.37)
725				(2,820.42)	2,107.95	-	2,107.95	(4,928.37)
726	A.0001003.001.001.003	Lighthouse Switch Install Transmiss	201803	7,758.97	625.02	-	625.02	7,133.95
727				7,758.97	625.02	-	625.02	7,133.95
728	A.0000290.006.001.002	Seven Rivers Intg, Upgrade Eddy 230	201902	309.70	37.34	-	37.34	272.36
729				309.70	37.34	-	37.34	272.36
730	A.0000640.021.001.001	W07 Tx Cty SS Fr DCB to DCUB Rpl SE	201902	5,955.15	-	-	-	5,955.15
731				5,955.15	-	-	-	5,955.15
732	A.0000658.001.001.002	Yoakum	201902	(47,060.92)	32.28	-	32.28	(47,093.20)
733				(47,060.92)	32.28	-	32.28	(47,093.20)
734	A.0000663.001.001.002	Sundown Sub, Amoco Terminal	201902	96,052.18	-	-	-	96,052.18
735				96,052.18	-	-	-	96,052.18
736	A.0000663.002.001.002	Amoco Sub, Sundown Terminal	201902	80,755.99	-	-	-	80,755.99
737				80,755.99	-	-	-	80,755.99
738	A.0000663.005.001.002	K03 Structure Upgrade	201902	8,314.60	-	-	-	8,314.60
739				8,314.60	-	-	-	8,314.60
740	A.0000902.001.001.001	Hale Co Wind 230kV Terminal at	201902	(42,276.62)	(16,193.43)	-	(16,193.43)	(26,083.19)
741				(42,276.62)	(16,193.43)	-	(16,193.43)	(26,083.19)
742	A.0000916.010.001.001	Plant X 230kV LRU to Deaf Smith	201902	(19,898.40)	-	-	-	(19,898.40)
743				(19,898.40)	-	-	-	(19,898.40)
744	A.0001285.001.001.002	NEF-Targa Reconductor	201902	108,583.79	14.76	-	14.76	108,569.03
745				108,583.79	14.76	-	14.76	108,569.03
746	A.0000424.145.001.003	Potash-Intrepid West 115kvRecd	201903	233,412.91	19.72	-	19.72	233,393.19
747				233,412.91	19.72	-	19.72	233,393.19
748	A.0001273.015.001.001	Deaf Smith Breaker 2K20 Replacement	201903	(22,959.44)	-	-	-	(22,959.44)
749				(22,959.44)	-	-	-	(22,959.44)
750	A.0000401.049.001.002	Seven Rivers BPRO Upgrade	201903	(8,193.31)	-	-	-	(8,193.31)
751				(8,193.31)	-	-	-	(8,193.31)
752	A.0000427.016.001.002	W14 Y98 Clearance Violations	201903	32,552.36	-	-	-	32,552.36
753				32,552.36	-	-	-	32,552.36
754	A.0001008.001.001.002	Inst 230kV Sw Station TOIFPortion	201903	7,076.11	3,502.61	-	3,502.61	3,573.50
755				7,076.11	3,502.61	-	3,502.61	3,573.50
756	A.0000916.007.001.001	Remote End Upgrade for ring bus add	201903	39,266.42	-	-	-	39,266.42
757				39,266.42	-	-	-	39,266.42
758	A.0001008.010.001.001	R12 230kV AWOR Mahoney TLINE	201903	4,495.02	-	-	-	4,495.02
759				4,495.02	-	-	-	4,495.02
760	A.0001008.006.001.001	BRU Relay Upgrade Sub	201903	(1,168.30)	-	-	-	(1,168.30)

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
761						A.0001008.006 Total
762	A.0000424.150.001.002	OPIE PTJU Intrepid Term Sub	Electric Transmission	Cooley	RE	A.0000424.150
763						A.0000424.150 Total
764	A.0001326.001.001.002	YOAKUM RPLC 230115KV CKT 1 TRANSFOR	Electric Transmission	Cooley	RE	A.0001326.001
765						A.0001326.001 Total
766	A.0001008.005.001.001	AWOR RELAY UPGRADE SUB	Electric Transmission	Cooley	LI	A.0001008.005
767						A.0001008.005 Total
768	A.0001008.009.001.001	R11 230kV BRU Mahoney TLINE	Electric Transmission	Cooley	LI	A.0001008.009
769						A.0001008.009 Total
770	A.0000640.034.001.001	COCO- REPLC 115 Brkr 9910	Electric Transmission	Cooley	SR	A.0000640.034
771						A.0000640.034 Total
772	A.0001008.002.001.002	MAHY-NEW 230KV SW SUB	Electric Transmission	Cooley	LI	A.0001008.002
773						A.0001008.002 Total
774	A.0000621.005.001.001	LUBBOCK SOUTH - REPL SWITCHES 6951,	Electric Transmission	Cooley	GI	A.0000621.005
775						A.0000621.005 Total
776	A.0000866.027.001.001	V13 Tap to W Littlefield ROW	Electric Transmission	Cooley	RE	A.0000866.027
777						A.0000866.027 Total
778	A.0001076.002.001.001	W72 NOLO-CHDW INST 3 WAY SW-TOIF	Electric Transmission	Cooley	LI	A.0001076.002
779						A.0001076.002 Total
780	A.0000303.056.001.005	V61 PPR SCHLD REPL OSMOSE POLES	Electric Transmission	Cooley	SR	A.0000303.056
781	A.0000303.056.001.007	T98 PPR SCHLD REPL OSMOSE POLES	Electric Transmission	Cooley	SR	A.0000303.056
782	A.0000303.056.001.004	W21 PPR SCHLD REPL OSMOSE POLES	Electric Transmission	Cooley	SR	A.0000303.056
783	A.0000303.056.001.003	T42 PPR SCHLD REPL OSMOSE POLES	Electric Transmission	Cooley	SR	A.0000303.056
784	A.0000303.056.001.008	V78 PPR SCHLD REPL POL AT STR 45	Electric Transmission	Cooley	SR	A.0000303.056
785						A.0000303.056 Total
786	A.0000303.057.001.016	V62 1 PPR SCHLD REPL POLES	Electric Transmission	Cooley	SR	A.0000303.057
787	A.0000303.057.001.011	V04 1 PPR SCHLD REP POLES	Electric Transmission	Cooley	SR	A.0000303.057
788	A.0000303.057.001.019	W10 PPR SCHLD REPL POL AT STR 154	Electric Transmission	Cooley	SR	A.0000303.057
789	A.0000303.057.001.022	W24 SE SCHLD REPL MOD BATS 1H98 99	Electric Transmission	Cooley	SR	A.0000303.057
790	A.0000303.057.001.001	T08 PPR SCHLD REPL POLE AT STR 320	Electric Transmission	Cooley	SR	A.0000303.057
791	A.0000303.057.001.017	V66 PPR SCHLD REPL STR 166	Electric Transmission	Cooley	SR	A.0000303.057
792	A.0000303.057.001.024	T301 PPR UNSCHLD REPL POL AT STR 12	Electric Transmission	Cooley	SR	A.0000303.057
793	A.0000303.057.001.015	V55 PPR SCHLD REPL POLES	Electric Transmission	Cooley	SR	A.0000303.057
794	A.0000303.057.001.018	V76 PPR SCHLD REPL POLE AT STR 6	Electric Transmission	Cooley	SR	A.0000303.057
795	A.0000303.057.001.014	V43 1 PPR SCHLD TRUSS POL AT STR 27	Electric Transmission	Cooley	SR	A.0000303.057
796	A.0000303.057.001.006	T98 TX PPR SCHLD REPL POLE AT STR 2	Electric Transmission	Cooley	SR	A.0000303.057
797	A.0000303.057.001.003	T29 PPR SCHLD REPL OSMOSE POLES	Electric Transmission	Cooley	SR	A.0000303.057
798	A.0000303.057.001.023	V99 SE SCHLD REPL HELI PTRL ARM STR	Electric Transmission	Cooley	SR	A.0000303.057
799	A.0000303.057.001.002	T28 PPR SCHLD REPL POLE AT STR 37	Electric Transmission	Cooley	SR	A.0000303.057
800	A.0000303.057.001.021	W29 PPR SCHLD REPL STRS 188 AND 274	Electric Transmission	Cooley	SR	A.0000303.057
801	A.0000303.057.001.010	T87 PPR SCHLD REPL POL AT STR 312	Electric Transmission	Cooley	SR	A.0000303.057

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761				(1,168.30)	-	-	-	(1,168.30)
762	A.0000424.150.001.002	OPIE PTJU Intrepid Term Sub	201903	186,703.30	-	-	-	186,703.30
763				186,703.30	-	-	-	186,703.30
764	A.0001326.001.001.002	Yoakum 230/115 Xfmr 1 Upgrade	201903	91,196.25	178.77	-	178.77	91,017.48
765				91,196.25	178.77	-	178.77	91,017.48
766	A.0001008.005.001.001	AWOR Relay Upgrade Sub	201903	2,970.05	-	-	-	2,970.05
767				2,970.05	-	-	-	2,970.05
768	A.0001008.009.001.001	R11 230kV BRU Mahoney TLINE	201903	6,719.60	1,198.79	-	1,198.79	5,520.81
769				6,719.60	1,198.79	-	1,198.79	5,520.81
770	A.0000640.034.001.001	COCO 115kV Brkr 9910 Replacement	201903	28,876.18	-	-	-	28,876.18
771				28,876.18	-	-	-	28,876.18
772	A.0001008.002.001.002	Inst 230kV Sw Station XcelPortion	201903	115,029.30	2,222.36	-	2,222.36	112,806.94
773				115,029.30	2,222.36	-	2,222.36	112,806.94
774	A.0000621.005.001.001	Lubbock So-Repl Switches 6951&	201407	1,987.39	-	-	-	1,987.39
775				1,987.39	-	-	-	1,987.39
776	A.0000866.027.001.001	V13 Tap to W Littlefield ROW	201509	(1.00)	-	-	-	(1.00)
777				(1.00)	-	-	-	(1.00)
778	A.0001076.002.001.001	Sendero Install TOIF	201807	(3,532.19)	-	-	-	(3,532.19)
779				(3,532.19)	-	-	-	(3,532.19)
780	A.0000303.056.001.005	SPS Priority Defects 115kV Line NM	201907	169,394.49	-	-	-	169,394.49
781	A.0000303.056.001.007	SPS Priority Defects 115kV Line NM	201906	34,756.31	18.92	-	18.92	34,737.39
782	A.0000303.056.001.004	SPS Priority Defects 115kV Line NM	201907	125,354.94	-	-	-	125,354.94
783	A.0000303.056.001.003	SPS Priority Defects 115kV Line NM	201906	10,131.72	-	-	-	10,131.72
784	A.0000303.056.001.008	SPS Priority Defects 115kV Line NM	201907	37,034.94	-	-	-	37,034.94
785				376,672.40	18.92	-	18.92	376,653.48
786	A.0000303.057.001.016	SPS Priority Defects 115kV Line TX	201906	1,208.36	-	-	-	1,208.36
787	A.0000303.057.001.011	SPS Priority Defects 115kV Line TX	201911	61,131.07	-	-	-	61,131.07
788	A.0000303.057.001.019	SPS Priority Defects 115kV Line TX	201908	43,492.99	-	-	-	43,492.99
789	A.0000303.057.001.022	SPS Priority Defects 115kV Line TX	202002	2,622.06	-	-	-	2,622.06
790	A.0000303.057.001.001	SPS Priority Defects 115kV Line TX	201908	49,953.68	16.86	-	16.86	49,936.82
791	A.0000303.057.001.017	SPS Priority Defects 115kV Line TX	201905	10,735.80	-	-	-	10,735.80
792	A.0000303.057.001.024	SPS Priority Defects 115kV Line TX	201911	12,137.48	-	-	-	12,137.48
793	A.0000303.057.001.015	SPS Priority Defects 115kV Line TX	201905	8,280.46	-	-	-	8,280.46
794	A.0000303.057.001.018	SPS Priority Defects 115kV Line TX	201905	73.90	-	-	-	73.90
795	A.0000303.057.001.014	SPS Priority Defects 115kV Line TX	202006	1,537.68	-	-	-	1,537.68
796	A.0000303.057.001.006	SPS Priority Defects 115kV Line TX	201906	11,491.85	-	-	-	11,491.85
797	A.0000303.057.001.003	SPS Priority Defects 115kV Line TX	201907	122,685.28	18.72	-	18.72	122,666.56
798	A.0000303.057.001.023	SPS Priority Defects 115kV Line TX	201912	11,021.54	-	-	-	11,021.54
799	A.0000303.057.001.002	SPS Priority Defects 115kV Line TX	201906	31,197.18	-	-	-	31,197.18
800	A.0000303.057.001.021	SPS Priority Defects 115kV Line TX	201908	65,959.12	-	-	-	65,959.12
801	A.0000303.057.001.010	SPS Priority Defects 115kV Line TX	201908	58,880.11	-	-	-	58,880.11

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
802	A.0000303.057.001.008	T52 PPR SCHLD REPL POL AT 15 AND 32	Electric Transmission	Cooley	SR	A.0000303.057
803	A.0000303.057.001.012	V16 PPR SCHLD REPL POLE AT STR 62	Electric Transmission	Cooley	SR	A.0000303.057
804	A.0000303.057.001.020	W14 PPR SCHLD REPL POLES	Electric Transmission	Cooley	SR	A.0000303.057
805	A.0000303.057.001.009	T82 PPR SCHLD TRUSS POL AT STR 1	Electric Transmission	Cooley	SR	A.0000303.057
806	A.0000303.057.001.007	T48 PPR SCHLD TRUSS POLES	Electric Transmission	Cooley	SR	A.0000303.057
807	A.0000303.057.001.004	T302 PPR SCHLD REPL OSMOSE POLES	Electric Transmission	Cooley	SR	A.0000303.057
808	A.0000303.057.001.013	V40 PPR SCHLD TRUSS POL AT STR 46	Electric Transmission	Cooley	SR	A.0000303.057
809	A.0000303.057.001.005	T31 PPR SCHLD REPL POLE AT STR 200	Electric Transmission	Cooley	SR	A.0000303.057
810						A.0000303.057 Total
811	A.0001041.006.001.001	SFE-Carlisle-RPL 115 BKR-Term Upgd	Electric Transmission	Cooley	RE	A.0001041.006
812						A.0001041.006 Total
813	A.0000979.003.001.002	V-49 YOCO SCO2 115KV RETERM STR 10	Electric Transmission	Cooley	RE	A.0000979.003
814						A.0000979.003 Total
815	A.0000673.033.001.002	HOBBS-NEW 345KV YOAKUM TERMINAL INS	Electric Transmission	Cooley	RE	A.0000673.033
816						A.0000673.033 Total
817	A.0001244.003.001.002	V24 T-Line	Electric Transmission	Cooley	RE	A.0001244.003
818						A.0001244.003 Total
819	A.0001079.010.001.001	U22 FRFD QUIN 115kV Line	Electric Transmission	Cooley	LI	A.0001079.010
820						A.0001079.010 Total
821	A.0000499.020.001.001	Z05 ELR REHAB SCHLD REPL ARMS POL	Electric Transmission	Cooley	SR	A.0000499.020
822						A.0000499.020 Total
823	A.0000673.023.001.002	J18 YOCOTX STLN 345KV NEW LN CONSTR	Electric Transmission	Cooley	RE	A.0000673.023
824						A.0000673.023 Total
825	A.0000888.002.001.002	NW 115KV 3 WY SW XTO CORNELL	Electric Transmission	Cooley	GI/LI	A.0000888.002
826						A.0000888.002 Total
827	A.0000635.001.001.003	W26 CNST-MONU Tap rebuild 115kv	Electric Transmission	Cooley	RE	A.0000635.001
828						A.0000635.001 Total
829	A.0000303.055.001.008	Z44 PPR SCHLD REPL OSMOSE POLES	Electric Transmission	Cooley	SR	A.0000303.055
830	A.0000303.055.001.010	Z22 PPR SCHLD REPL POLE AT STR 13	Electric Transmission	Cooley	SR	A.0000303.055
831	A.0000303.055.001.007	Z48 PPR SCHLD REPL OSMOSE POLES	Electric Transmission	Cooley	SR	A.0000303.055
832	A.0000303.055.001.011	Z09 PPR SCHLD REPL OSMOSE POLES	Electric Transmission	Cooley	SR	A.0000303.055
833	A.0000303.055.001.009	Z24 PPR SCHLD REPL OSMOSE POLES	Electric Transmission	Cooley	SR	A.0000303.055
834						A.0000303.055 Total
835	A.0001326.003.001.001	YOAKUM REPLACE 230115KV CKT 2 XFMR	Electric Transmission	Cooley	RE	A.0001326.003
836						A.0001326.003 Total
837	A.0000303.069.001.002	W07 PPR	Electric Transmission	Cooley	SR	A.0000303.069
838						A.0000303.069 Total
839	A.0000979.010.001.002	SHELL CO2 - 115KV BAH EXPANSION - T	Electric Transmission	Cooley	RE	A.0000979.010
840						A.0000979.010 Total
841	A.0001284.001.001.004	LNCO Spare 84 MVA XFMR	Electric Transmission	Cooley	RE	A.0001284.001
842	A.0001284.001.001.002	LYNN CTY 11569KV XFMR REPLACEMENT	Electric Transmission	Cooley	RE	A.0001284.001

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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
802	A.0000303.057.001.008	SPS Priority Defects 115kV Line TX	201908	128,280.54	-	-	-	128,280.54
803	A.0000303.057.001.012	SPS Priority Defects 115kV Line TX	201904	4,530.39	-	-	-	4,530.39
804	A.0000303.057.001.020	SPS Priority Defects 115kV Line TX	201905	37,745.39	16.86	-	16.86	37,728.53
805	A.0000303.057.001.009	SPS Priority Defects 115kV Line TX	202006	5,720.84	-	-	-	5,720.84
806	A.0000303.057.001.007	SPS Priority Defects 115kV Line TX	202006	26,718.42	-	-	-	26,718.42
807	A.0000303.057.001.004	SPS Priority Defects 115kV Line TX	201905	11,625.45	18.72	-	18.72	11,606.73
808	A.0000303.057.001.013	SPS Priority Defects 115kV Line TX	202006	6,644.68	-	-	-	6,644.68
809	A.0000303.057.001.005	SPS Priority Defects 115kV Line TX	201904	104.34	-	-	-	104.34
810				713,778.61	71.16	-	71.16	713,707.45
811	A.0001041.006.001.001	T71 Terminal upgrade Carlisle	201904	(2,562.37)	910.11	-	910.11	(3,472.48)
812				(2,562.37)	910.11	-	910.11	(3,472.48)
813	A.0000979.003.001.002	Yoakum-Shell Reterm Tran Porti	201904	(20,788.59)	-	-	-	(20,788.59)
814				(20,788.59)	-	-	-	(20,788.59)
815	A.0000673.033.001.002	Hobbs 345kV Sub Reactor/Yoakum	201905	61,747.65	-	-	-	61,747.65
816				61,747.65	-	-	-	61,747.65
817	A.0001244.003.001.002	V24 T Line	202002	183,185.14	20,635.36	-	20,635.36	162,549.78
818				183,185.14	20,635.36	-	20,635.36	162,549.78
819	A.0001079.010.001.001	U22 FRFD QUIN 115kV Line	201904	1,653.38	-	-	-	1,653.38
820				1,653.38	-	-	-	1,653.38
821	A.0000499.020.001.001	Z05 ELR Maintenance	201906	(182,899.79)	-	-	-	(182,899.79)
822				(182,899.79)	-	-	-	(182,899.79)
823	A.0000673.023.001.002	Yoakum-TX/NM Border 345kV Line	201905	348,873.47	12,095.06	-	12,095.06	336,778.41
824				348,873.47	12,095.06	-	12,095.06	336,778.41
825	A.0000888.002.001.002	XTO Tap 3 Way Switch Transmission	201911	888,603.10	20,563.80	-	20,563.80	868,039.30
826				888,603.10	20,563.80	-	20,563.80	868,039.30
827	A.0000635.001.001.003	W-26 Cunningham-Monument Tap wreck	201912	3,825,158.02	119,433.89	-	119,433.89	3,705,724.13
828				3,825,158.02	119,433.89	-	119,433.89	3,705,724.13
829	A.0000303.055.001.008	SPS Priority Defects 69kV Line NM	201907	85,191.95	-	-	-	85,191.95
830	A.0000303.055.001.010	SPS Priority Defects 69kV Line NM	201907	68,093.46	-	-	-	68,093.46
831	A.0000303.055.001.007	SPS Priority Defects 69kV Line NM	202006	5,257.35	-	-	-	5,257.35
832	A.0000303.055.001.011	SPS Priority Defects 69kV Line NM	202006	7,009.22	-	-	-	7,009.22
833	A.0000303.055.001.009	SPS Priority Defects 69kV Line NM	201907	70,890.70	18.92	-	18.92	70,871.78
834				236,442.68	18.92	-	18.92	236,423.76
835	A.0001326.003.001.001	Yoakum 230/115 Transformer 2 Upgrad	201905	(389,839.71)	481.26	-	481.26	(390,320.97)
836				(389,839.71)	481.26	-	481.26	(390,320.97)
837	A.0000303.069.001.002	W07 Str Rpl PPR	202009	110,361.65	202.68	-	202.68	110,158.97
838				110,361.65	202.68	-	202.68	110,158.97
839	A.0000979.010.001.002	Shell Substation Sub Portion	201904	261,416.20	13,636.29	-	13,636.29	247,779.91
840				261,416.20	13,636.29	-	13,636.29	247,779.91
841	A.0001284.001.001.004	Lynn Co 115/69 Xfmr #1 Upgrade	201905	33,965.94	-	-	-	33,965.94
842	A.0001284.001.001.002	Lynn Co 115/69 Xfmr #1 Upgrade	201905	(11,469.98)	172.75	-	172.75	(11,642.73)

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
843	A.0001284.001.001.003	LNCO Spare 84 MVA XFMR	Electric Transmission	Cooley	RE	A.0001284.001
844						A.0001284.001 Total
845	A.0000673.025.001.002	TXNM BorderHobbs 345kV Line	Electric Transmission	Cooley	RE	A.0000673.025
846						A.0000673.025 Total
847	A.0001059.005.001.001	Roswell 4910 Relay Upgrade	Electric Transmission	Cooley	RE	A.0001059.005
848						A.0001059.005 Total
849	A.0000401.022.001.002	Blackhawk 1H70 relay replacement	Electric Transmission	Cooley	SR	A.0000401.022
850						A.0000401.022 Total
851	A.0000499.026.001.002	Z50 1 Line Retire	Electric Transmission	Cooley	SR	A.0000499.026
852						A.0000499.026 Total
853	A.0000514.002.001.002	PLANT X 115KV DSCNNCT SWTCH REPLACE	Electric Transmission	Cooley	SR	A.0000514.002
854						A.0000514.002 Total
855	A.0000842.008.001.001	BAILEY CTY UPGR 115KV CARR EQUIP-PL	Electric Transmission	Cooley	RE	A.0000842.008
856						A.0000842.008 Total
857	A.0000842.006.001.001	LAMTON UPGR 115KV CARR EQUIP-PLANT	Electric Transmission	Cooley	RE	A.0000842.006
858						A.0000842.006 Total
859	A.0000635.002.001.002	CNST W26 Terminal Upgrade 115kv	Electric Transmission	Cooley	RE	A.0000635.002
860						A.0000635.002 Total
861	A.0001189.007.001.002	Phantom Land	Electric Transmission	Cooley	RE/LI	A.0001189.007
862						A.0001189.007 Total
863	A.0000303.083.001.002	T79 Str Rpl PPR	Electric Transmission	Cooley	SR	A.0000303.083
864						A.0000303.083 Total
865	A.0001403.001.001.002	Y-92 Replace Stub Pole	Electric Transmission	Cooley	OT	A.0001403.001
866						A.0001403.001 Total
867	A.0000781.014.001.001	Coulter Relay	Electric Transmission	Cooley	RE	A.0000781.014
868						A.0000781.014 Total
869	A.0001024.009.001.001	Outpost U-24 PLC Upgr	Electric Transmission	Cooley	LI	A.0001024.009
870						A.0001024.009 Total
871	A.0001137.005.001.002	SOGE U-31 terminal upgrade	Electric Transmission	Cooley	LI	A.0001137.005
872						A.0001137.005 Total
873	A.0000916.004.001.001	DEAF SMITH - 230KV BREAKER ADDITION	Electric Transmission	Cooley	RE	A.0000916.004
874						A.0000916.004 Total
875	A.0001221.002.001.001	INST 115KV T47 SW XCEL PORT	Electric Transmission	Cooley	LI	A.0001221.002
876						A.0001221.002 Total
877	A.0001042.002.001.001	T30 Repl Str	Electric Transmission	Cooley	RE	A.0001042.002
878						A.0001042.002 Total
879	A.0001030.002.001.002	MUSTANG SEMINOLE 115KV ROW	Electric Transmission	Cooley	RE	A.0001030.002
880	A.0001030.002.001.003	Mustang-Seminole ROW 2020	Electric Transmission	Cooley	RE	A.0001030.002
881						A.0001030.002 Total
882	A.0000303.053.001.007	Z25 PPR SCHLD REPL OSMOSE POLES	Electric Transmission	Cooley	SR	A.0000303.053
883	A.0000303.053.001.006	Z17 PPR SCHLD REPL OSMOSE POLES	Electric Transmission	Cooley	SR	A.0000303.053

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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
843	A.0001284.001.001.003	Lynn Co 115/69 Xfmr #1 Upgrade	201910	(0.60)	-	-	-	(0.60)
844				22,495.36	172.75	-	172.75	22,322.61
845	A.0000673.025.001.002	TX/NM Border-Hobbs 345kV Line_	201905	654,961.14	35,635.85	-	35,635.85	619,325.29
846				654,961.14	35,635.85	-	35,635.85	619,325.29
847	A.0001059.005.001.001	Roswell 4910 Relay Upgrade TPL	201904	14,017.81	70.35	-	70.35	13,947.46
848				14,017.81	70.35	-	70.35	13,947.46
849	A.0000401.022.001.002	Blackhawk 115kV T48 (1H70)Sub	201904	32,223.97	35.95	-	35.95	32,188.02
850				32,223.97	35.95	-	35.95	32,188.02
851	A.0000499.026.001.002	Z50.1 Retire	201912	162.30	(88,037.03)	-	(88,037.03)	88,199.33
852				162.30	(88,037.03)	-	(88,037.03)	88,199.33
853	A.0000514.002.001.002	Plant X 115kV Switch Replacement	202002	2,119,675.86	6,969.56	-	6,969.56	2,112,706.30
854				2,119,675.86	6,969.56	-	6,969.56	2,112,706.30
855	A.0000842.008.001.001	Plant X-Bailey Carrier Equipment	201912	109,000.18	2,347.29	-	2,347.29	106,652.89
856				109,000.18	2,347.29	-	2,347.29	106,652.89
857	A.0000842.006.001.001	Plant X-Lamton Carrier Equipment	202004	107,338.27	3,883.27	-	3,883.27	103,455.00
858				107,338.27	3,883.27	-	3,883.27	103,455.00
859	A.0000635.002.001.002	Cunningham W-26 line terminal upgra	201912	293,851.58	(14,769.83)	-	(14,769.83)	308,621.41
860				293,851.58	(14,769.83)	-	(14,769.83)	308,621.41
861	A.0001189.007.001.002	OPIE Phantom Sub Land	201912	296,449.09	5,121.86	-	5,121.86	291,327.23
862				296,449.09	5,121.86	-	5,121.86	291,327.23
863	A.0000303.083.001.002	T79 Str Rpl PPR	202006	165,915.05	3,021.50	-	3,021.50	162,893.55
864				165,915.05	3,021.50	-	3,021.50	162,893.55
865	A.0001403.001.001.002	Y 92 Replace Stub Pole	202001	(10,653.80)	10,395.59	-	10,395.59	(21,049.39)
866				(10,653.80)	10,395.59	-	10,395.59	(21,049.39)
867	A.0000781.014.001.001	Coulter Relay	201905	129,791.90	3,354.57	-	3,354.57	126,437.33
868				129,791.90	3,354.57	-	3,354.57	126,437.33
869	A.0001024.009.001.001	Outpost PLC Removal	202003	512,434.67	7,197.73	-	7,197.73	505,236.94
870				512,434.67	7,197.73	-	7,197.73	505,236.94
871	A.0001137.005.001.002	SOGE, U-31 terminal	202005	107,097.78	492.81	-	492.81	106,604.97
872				107,097.78	492.81	-	492.81	106,604.97
873	A.0000916.004.001.001	Deaf Smith 230kV Breaker ADD S	201910	5,972,550.95	9,857.73	-	9,857.73	5,962,693.22
874				5,972,550.95	9,857.73	-	9,857.73	5,962,693.22
875	A.0001221.002.001.001	INST Switch Xcel Portion	201910	416,686.54	11,024.20	-	11,024.20	405,662.34
876				416,686.54	11,024.20	-	11,024.20	405,662.34
877	A.0001042.002.001.001	T30 Structure Replacement	201911	140,279.78	5,044.87	-	5,044.87	135,234.91
878				140,279.78	5,044.87	-	5,044.87	135,234.91
879	A.0001030.002.001.002	Mustang - Seminole ROW	201912	796,829.81	100,286.13	-	100,286.13	696,543.68
880	A.0001030.002.001.003	Mustang - Seminole ROW	202009	176,068.07	2,214.19	-	2,214.19	173,853.88
881				972,897.88	102,500.32	-	102,500.32	870,397.56
882	A.0000303.053.001.007	SPS Priority Defects 69kV Line TX	201904	57,344.91	16.86	-	16.86	57,328.05
883	A.0000303.053.001.006	SPS Priority Defects 69kV Line TX	201908	48,628.39	14.76	-	14.76	48,613.63

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
884	A.0000303.053.001.013	Z73 PPR SCHLD REPL OSMOSE POLE AT S	Electric Transmission	Cooley	SR	A.0000303.053
885	A.0000303.053.001.017	Y601 PPR SCHLD REPL OSMOSE POLES	Electric Transmission	Cooley	SR	A.0000303.053
886	A.0000303.053.001.011	Z65 PPR SCHLD REPL OSMOSE POLES	Electric Transmission	Cooley	SR	A.0000303.053
887	A.0000303.053.001.012	Z71 PPR SCHLD REPL OSMOSE POLES	Electric Transmission	Cooley	SR	A.0000303.053
888	A.0000303.053.001.003	Y78 PPR SCHLD REPL OSMOSE POLES	Electric Transmission	Cooley	SR	A.0000303.053
889	A.0000303.053.001.009	Z51 PPR SCHLD REPL OSMOSE POLES	Electric Transmission	Cooley	SR	A.0000303.053
890	A.0000303.053.001.002	Y741 PPR SCHLD REPL POLE AT STR 8	Electric Transmission	Cooley	SR	A.0000303.053
891	A.0000303.053.001.010	Z53 PPR SCHLD REPL OSMOSE POLES	Electric Transmission	Cooley	SR	A.0000303.053
892	A.0000303.053.001.015	Z87 PPR SCHLD REPL OSMOSE POLES	Electric Transmission	Cooley	SR	A.0000303.053
893	A.0000303.053.001.020	Y98 SE UNSCHLD REPL POLE STR 176	Electric Transmission	Cooley	SR	A.0000303.053
894	A.0000303.053.001.008	Z50 PPR SCHLD REPL OSMOSE POLES	Electric Transmission	Cooley	SR	A.0000303.053
895	A.0000303.053.001.014	Z74 PPR SCHLD REPL OSMOSE POLE STR	Electric Transmission	Cooley	SR	A.0000303.053
896	A.0000303.053.001.005	Y95 PPR SCHLD REPL OSMOSE POLES	Electric Transmission	Cooley	SR	A.0000303.053
897	A.0000303.053.001.004	Y843 PPR SCHLD REPL OSMOSE POLE AT	Electric Transmission	Cooley	SR	A.0000303.053
898						A.0000303.053 Total
899	A.0000481.009.001.002	HOBBS GEN 230KV K93 TERMINAL UPGRAD	Electric Transmission	Cooley	RE	A.0000481.009
900						A.0000481.009 Total
901	A.0000424.109.001.003	KIOWA TO EDDY CO ROW	Electric Transmission	Cooley	RE	A.0000424.109
902	A.0000424.109.001.004	KIOWA-EDDY CO 345kV ROW	Electric Transmission	Cooley	RE	A.0000424.109
903						A.0000424.109 Total
904	A.0000424.256.001.001	Chevron Hayhurst Metering Install	Electric Transmission	Cooley	RE	A.0000424.256
905						A.0000424.256 Total
906	A.0001079.009.001.001	U21 MURP QUIN 115kV Line	Electric Transmission	Cooley	LI	A.0001079.009
907						A.0001079.009 Total
908	A.0000481.010.001.002	YOKO - Upgr K93 Terminal Equip	Electric Transmission	Cooley	RE	A.0000481.010
909						A.0000481.010 Total
910	A.0000481.007.001.002	R07 YOCO INKB 230kV Reterm at INKB	Electric Transmission	Cooley	RE	A.0000481.007
911						A.0000481.007 Total
912	A.0000303.027.001.003	K73 SE SCHLD REPL HELI POLES AND A	Electric Transmission	Cooley	SR	A.0000303.027
913	A.0000303.027.001.002	K90 SE UNSCHLD REPL STR 537	Electric Transmission	Cooley	SR	A.0000303.027
914						A.0000303.027 Total
915	A.0001325.011.001.002	K62 NICS-AMSO RAISE STR 28-31	Electric Transmission	Cooley	RE	A.0001325.011
916						A.0001325.011 Total
917	A.0001284.003.001.001	LNCO 69 Bkr 7740	Electric Transmission	Cooley	RE	A.0001284.003
918						A.0001284.003 Total
919	A.0000499.027.001.002	Y79 ELR SCHLD REPL EOL ARMS AND POL	Electric Transmission	Cooley	SR	A.0000499.027
920						A.0000499.027 Total
921	A.0000484.001.001.002	LBSO V45 Terminal	Electric Transmission	Cooley	RE	A.0000484.001
922						A.0000484.001 Total
923	A.0001227.001.001.001	NW LCEC 115kV TERM JODW	Electric Transmission	Cooley	LI	A.0001227.001
924						A.0001227.001 Total

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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
884	A.0000303.053.001.013	SPS Priority Defects 69kV Line TX	202006	5,521.67	-	-	-	5,521.67
885	A.0000303.053.001.017	SPS Priority Defects 69kV Line TX	201908	60,057.91	18.72	-	18.72	60,039.19
886	A.0000303.053.001.011	SPS Priority Defects 69kV Line TX	201906	26,377.85	14.76	-	14.76	26,363.09
887	A.0000303.053.001.012	SPS Priority Defects 69kV Line TX	201908	95,103.65	14.76	-	14.76	95,088.89
888	A.0000303.053.001.003	SPS Priority Defects 69kV Line TX	201907	59,929.22	18.72	-	18.72	59,910.50
889	A.0000303.053.001.009	SPS Priority Defects 69kV Line TX	201912	133,899.24	200.94	-	200.94	133,698.30
890	A.0000303.053.001.002	SPS Priority Defects 69kV Line TX	201906	7,897.34	18.82	-	18.82	7,878.52
891	A.0000303.053.001.010	SPS Priority Defects 69kV Line TX	201907	48,193.73	18.72	-	18.72	48,175.01
892	A.0000303.053.001.015	SPS Priority Defects 69kV Line TX	202006	13,296.96	-	-	-	13,296.96
893	A.0000303.053.001.020	SPS Priority Defects 69kV Line TX	202006	7,386.20	-	-	-	7,386.20
894	A.0000303.053.001.008	SPS Priority Defects 69kV Line TX	202006	24,292.26	-	-	-	24,292.26
895	A.0000303.053.001.014	SPS Priority Defects 69kV Line TX	202006	20,590.52	-	-	-	20,590.52
896	A.0000303.053.001.005	SPS Priority Defects 69kV Line TX	202006	19,447.86	-	-	-	19,447.86
897	A.0000303.053.001.004	SPS Priority Defects 69kV Line TX	201906	(1,042.95)	16.86	-	16.86	(1,059.81)
898				626,924.76	353.92	-	353.92	626,570.84
899	A.0000481.009.001.002	Hobbs Generating Sub, K-93 Terminal	201905	(40,808.51)	125.57	-	125.57	(40,934.08)
900				(40,808.51)	125.57	-	125.57	(40,934.08)
901	A.0000424.109.001.003	Kiowa-Eddy Co 345kV ROW	201909	30,542.18	5,661.73	-	5,661.73	24,880.45
902	A.0000424.109.001.004	Kiowa-Eddy Co 345kV ROW	201909	890,403.04	-	-	-	890,403.04
903				920,945.22	5,661.73	-	5,661.73	915,283.49
904	A.0000424.256.001.001	Chevron Hayhurst Metering	201905	49,736.61	-	-	-	49,736.61
905				49,736.61	-	-	-	49,736.61
906	A.0001079.009.001.001	U21 MURP QUIN 115kV Line	201904	456.00	-	-	-	456.00
907				456.00	-	-	-	456.00
908	A.0000481.010.001.002	Yoakum Co Intg, K-93 Terminal Upgra	201905	37,121.82	-	-	-	37,121.82
909				37,121.82	-	-	-	37,121.82
910	A.0000481.007.001.002	K-93 Reterm Out, Line	201905	(76,131.60)	33.78	-	33.78	(76,165.38)
911				(76,131.60)	33.78	-	33.78	(76,165.38)
912	A.0000303.027.001.003	SPS 2019 S&E B 230KV Line	201911	86,724.32	-	-	-	86,724.32
913	A.0000303.027.001.002	SPS 2019 S&E B 230KV Line	201911	34,970.48	-	-	-	34,970.48
914				121,694.80	-	-	-	121,694.80
915	A.0001325.011.001.002	K62 Line crossing Upgrade	201906	(35,902.75)	-	-	-	(35,902.75)
916				(35,902.75)	-	-	-	(35,902.75)
917	A.0001284.003.001.001	Lynn Co 69kV Bkr 7740	201905	1,806.29	-	-	-	1,806.29
918				1,806.29	-	-	-	1,806.29
919	A.0000499.027.001.002	Y79 ELR Maintanence	201912	731,850.30	-	-	-	731,850.30
920				731,850.30	-	-	-	731,850.30
921	A.0000484.001.001.002	Lubbock S. Sub, Allen Term	201905	25,374.73	114.63	-	114.63	25,260.10
922				25,374.73	114.63	-	114.63	25,260.10
923	A.0001227.001.001.001	NW LCEC 115kV Term JODW	201909	1,073,230.41	7,826.34	-	7,826.34	1,065,404.07
924				1,073,230.41	7,826.34	-	7,826.34	1,065,404.07

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
925	A.0001316.001.001.002	TUCO S 230115 XFMR UPGRADE	Electric Transmission	Cooley	RE	A.0001316.001
926						A.0001316.001 Total
927	A.0000303.063.001.002	V04 Structure Replacement ROW	Electric Transmission	Cooley	SR	A.0000303.063
928						A.0000303.063 Total
929	A.0000175.001.001.002	Chevron Tap new 3 way switch	Electric Transmission	Cooley	LI	A.0000175.001
930						A.0000175.001 Total
931	A.0000401.048.001.002	TUCO N912 Relay Replacement	Electric Transmission	Cooley	SR	A.0000401.048
932						A.0000401.048 Total
933	A.0001054.001.001.002	Coulter W-71 switch replacements	Electric Transmission	Cooley	RE	A.0001054.001
934						A.0001054.001 Total
935	A.0001168.003.001.001	EGCK W92 Line Relays	Electric Transmission	Cooley	LI	A.0001168.003
936						A.0001168.003 Total
937	A.0001244.001.001.002	Terry Co Sub V24 Term Upgrade	Electric Transmission	Cooley	RE	A.0001244.001
938						A.0001244.001 Total
939	A.0000673.031.001.002	Yoakum Sub Xmfr 345kV230KVUI	Electric Transmission	Cooley	RE	A.0000673.031
940						A.0000673.031 Total
941	A.0001050.003.001.002	ETRL - Term Upgr to Moore V63	Electric Transmission	Cooley	RE	A.0001050.003
942						A.0001050.003 Total
943	A.0001325.008.001.002	V04 MANH-RNCO REBUILD DC STR 15-18	Electric Transmission	Cooley	RE	A.0001325.008
944						A.0001325.008 Total
945	A.0001215.001.001.001	Inst W39 Switch Poker Cowboy Temp R	Electric Transmission	Cooley	LI	A.0001215.001
946						A.0001215.001 Total
947	A.0000424.265.001.002	K23 Structure Raise	Electric Transmission	Cooley	RE	A.0000424.265
948						A.0000424.265 Total
949	A.0001042.004.001.002	T30 Repl Str	Electric Transmission	Cooley	RE	A.0001042.004
950						A.0001042.004 Total
951	A.0001325.006.001.002	T75 ARHD-OSSS REBLD 3 0MI LINE	Electric Transmission	Cooley	RE	A.0001325.006
952						A.0001325.006 Total
953	A.0000481.006.001.002	R10 INKB HBGN 230kV Reterm at INKB	Electric Transmission	Cooley	RE	A.0000481.006
954						A.0000481.006 Total
955	A.0000424.274.001.002	K23 Term Str Replacement	Electric Transmission	Cooley	RE	A.0000424.274
956						A.0000424.274 Total
957	A.0000635.004.001.002	W26 CNST-MONU Tap ROW	Electric Transmission	Cooley	RE	A.0000635.004
958						A.0000635.004 Total
959	A.0001300.024.001.003	Z09 TMC-RIWE-WHEH-RIEA RETIRE 69KV	Electric Transmission	Cooley	RE	A.0001300.024
960						A.0001300.024 Total
961	A.0000175.003.001.001	Chevron Tap 115kv slack spans-REIMB	Electric Transmission	Cooley	LI	A.0000175.003
962						A.0000175.003 Total
963	A.0000424.110.001.002	Eddy Co Sub Land	Electric Transmission	Cooley	RE	A.0000424.110
964	A.0000424.110.001.003	Eddy Co Sub Land	Electric Transmission	Cooley	RE	A.0000424.110
965						A.0000424.110 Total

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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
925	A.0001316.001.001.002	TUCO S. 230/115 Xfmr Upgrade	201906	4,225.96	1,483.27	-	1,483.27	2,742.69
926				4,225.96	1,483.27	-	1,483.27	2,742.69
927	A.0000303.063.001.002	V04 Structure Replacement ROW	202001	142,395.85	9,458.75	-	9,458.75	132,937.10
928				142,395.85	9,458.75	-	9,458.75	132,937.10
929	A.0000175.001.001.002	Install 3 Way Switch_Chevron_Trans	201905	7,467.46	-	-	-	7,467.46
930				7,467.46	-	-	-	7,467.46
931	A.0000401.048.001.002	TUCO N912 Relay Replacement	201905	23,692.68	3,238.60	-	3,238.60	20,454.08
932				23,692.68	3,238.60	-	3,238.60	20,454.08
933	A.0001054.001.001.002	Coulter Switch Replacemnts	202004	256,159.04	34.53	-	34.53	256,124.51
934				256,159.04	34.53	-	34.53	256,124.51
935	A.0001168.003.001.001	EGCK W92 Line Relays	201910	0.01	-	-	-	0.01
936				0.01	-	-	-	0.01
937	A.0001244.001.001.002	Terry Co Sub V24 Term Upgrade	201912	356,236.23	3,750.35	-	3,750.35	352,485.88
938				356,236.23	3,750.35	-	3,750.35	352,485.88
939	A.0000673.031.001.002	Yoakum Sub Xmfr 345kV/230KV_UI	201905	809,549.12	8,763.85	-	8,763.85	800,785.27
940				809,549.12	8,763.85	-	8,763.85	800,785.27
941	A.0001050.003.001.002	Upgr Etter Rural 115kV (V63) Term t	202003	275.47	280.99	-	280.99	(5.52)
942				275.47	280.99	-	280.99	(5.52)
943	A.0001325.008.001.002	V04 Reconductor	201906	0.12	-	-	-	0.12
944				0.12	-	-	-	0.12
945	A.0001215.001.001.001	Inst W39 Switch Poker Cowboy Temp	201906	(716,946.46)	4,781.37	-	4,781.37	(721,727.83)
946				(716,946.46)	4,781.37	-	4,781.37	(721,727.83)
947	A.0000424.265.001.002	K23 Structure Raise	201907	115,667.40	-	-	-	115,667.40
948				115,667.40	-	-	-	115,667.40
949	A.0001042.004.001.002	T30 Structures RPLMT Full Cond TX	201911	73,574.54	506.41	-	506.41	73,068.13
950				73,574.54	506.41	-	506.41	73,068.13
951	A.0001325.006.001.002	W77-T75Recond ArrowheadRandall	201905	(104,627.81)	10,273.14	-	10,273.14	(114,900.95)
952				(104,627.81)	10,273.14	-	10,273.14	(114,900.95)
953	A.0000481.006.001.002	K-93 Reterm In, Line	201905	2,069.27	19.34	-	19.34	2,049.93
954				2,069.27	19.34	-	19.34	2,049.93
955	A.0000424.274.001.002	K23 Term Str Replacement	202002	165,200.86	34,711.48	-	34,711.48	130,489.38
956				165,200.86	34,711.48	-	34,711.48	130,489.38
957	A.0000635.004.001.002	W26 Cunningham Monument Tap ROW	201909	199,768.59	414.18	-	414.18	199,354.41
958				199,768.59	414.18	-	414.18	199,354.41
959	A.0001300.024.001.003	Z09 Removal from S Main St to RIAC	201907	88,864.61	2,234.09	-	2,234.09	86,630.52
960				88,864.61	2,234.09	-	2,234.09	86,630.52
961	A.0000175.003.001.001	Chevron S Eddy Fields 115kV TOIF	201905	(14,556.74)	-	-	-	(14,556.74)
962				(14,556.74)	-	-	-	(14,556.74)
963	A.0000424.110.001.002	Eddy Co 345kV Sub Land	201906	(27,307.92)	(7,307.70)	-	(7,307.70)	(20,000.22)
964	A.0000424.110.001.003	Eddy Co 345kV Sub Land	202004	102,075.74	7,910.34	-	7,910.34	94,165.40
965				74,767.82	602.64	-	602.64	74,165.18

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
966	A.0001079.001.001.002	INST 115KV Quincy SW TOIF REIMB	Electric Transmission	Cooley	LI	A.0001079.001
967						A.0001079.001 Total
968	A.0000979.001.001.001	U-01 MUST-SCO2 115KV NEW LINE	Electric Transmission	Cooley	RE	A.0000979.001
969						A.0000979.001 Total
970	A.0001147.002.001.002	V55 Terry Co Terminal	Electric Transmission	Cooley	RE	A.0001147.002
971						A.0001147.002 Total
972	A.0001421.004.001.002	Spearman Breaker Replacement Land	Electric Transmission	Cooley	SR	A.0001421.004
973						A.0001421.004 Total
974	A.0000996.004.001.003	TX 115kV V44 OWENSC - Coulter - OWE	Electric Transmission	Cooley	SR	A.0000996.004
975						A.0000996.004 Total
976	A.0000640.033.001.001	EDCO - REPL 230KV BKR 4K80	Electric Transmission	Cooley	SR	A.0000640.033
977						A.0000640.033 Total
978	A.0000290.004.001.002	K38 EDCO-CVCO RETERM AT EDDY CO SUB	Electric Transmission	Cooley	RE	A.0000290.004
979						A.0000290.004 Total
980	A.0001030.010.001.002	U01 1-14 U01 CIRCUIT DC WITH U25	Electric Transmission	Cooley	RE	A.0001030.010
981						A.0001030.010 Total
982	A.0000482.002.001.002	Potter Co K32 230kV Terminal Upgrad	Electric Transmission	Cooley	RE	A.0000482.002
983						A.0000482.002 Total
984	A.0000401.050.001.002	East Plant 2K50 Relay Replacement	Electric Transmission	Cooley	SR	A.0000401.050
985						A.0000401.050 Total
986	A.0000673.030.001.002	Yoakum 345kV Sub ReactorHobbs	Electric Transmission	Cooley	RE	A.0000673.030
987						A.0000673.030 Total
988	A.0000481.002.001.002	INK BASIN 230115KV XFMR	Electric Transmission	Cooley	RE	A.0000481.002
989	A.0000481.002.001.003	INK BASIN 230115KV XFMR	Electric Transmission	Cooley	RE	A.0000481.002
990						A.0000481.002 Total
991	A.0000979.007.001.002	MUSTANG-BAH EXPANSION 115KV	Electric Transmission	Cooley	RE	A.0000979.007
992						A.0000979.007 Total
993	A.0000538.008.001.002	Z18 Tuco - Hale Co rebuild	Electric Transmission	Cooley	SR	A.0000538.008
994						A.0000538.008 Total
995	A.0000776.003.001.001	Spare 250 MVA Xfmr	Electric Transmission	Cooley	SR	A.0000776.003
996						A.0000776.003 Total
997	A.0000350.008.001.002	LEA COUNTY PLAINS 115KV SUB-LOST DR	Electric Transmission	Cooley	GI	A.0000350.008
998						A.0000350.008 Total
999	A.0001061.008.001.002	115KV XIT SUB	Electric Transmission	Cooley	LI	A.0001061.008
1000						A.0001061.008 Total
1001	A.0001167.004.001.004	TUCO End 115KV -IND LINE V15 REL UP	Electric Transmission	Cooley	RE	A.0001167.004
1002	A.0001167.004.001.001	TUCO-SPE FAULT CLEARING RLY UPG	Electric Transmission	Cooley	RE	A.0001167.004
1003						A.0001167.004 Total
1004	A.0000424.119.001.002	N Lov-Lov S new 3 mile 115kv line U	Electric Transmission	Cooley	RE	A.0000424.119
1005						A.0000424.119 Total
1006	A.0000424.121.001.002	Lov S 115kv conversion TAM	Electric Transmission	Cooley	RE	A.0000424.121

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966	A.0001079.001.001.002	Inst 115kV Quincy Sw Station TOIF P	201904	294,442.45	2,835.04	-	2,835.04	291,607.41
967				294,442.45	2,835.04	-	2,835.04	291,607.41
968	A.0000979.001.001.001	115Line Mustang-Shell Trans Po	201904	146,622.91	17,257.93	-	17,257.93	129,364.98
969				146,622.91	17,257.93	-	17,257.93	129,364.98
970	A.0001147.002.001.002	V55 Terry Co Terminal	201912	351,383.83	12,675.17	-	12,675.17	338,708.66
971				351,383.83	12,675.17	-	12,675.17	338,708.66
972	A.0001421.004.001.002	Spearman Land	202007	20,659.62	6,937.15	-	6,937.15	13,722.47
973				20,659.62	6,937.15	-	6,937.15	13,722.47
974	A.0000996.004.001.003	SPS SPIRe	201912	254.80	(14,078.75)	-	(14,078.75)	14,333.55
975				254.80	(14,078.75)	-	(14,078.75)	14,333.55
976	A.0000640.033.001.001	Eddy Co 4K80 Bkr Replace	201911	202,199.88	4,206.65	-	4,206.65	197,993.23
977				202,199.88	4,206.65	-	4,206.65	197,993.23
978	A.0000290.004.001.002	K38 Retermination, Eddy Co Sub	201904	(4,733.30)	-	-	-	(4,733.30)
979				(4,733.30)	-	-	-	(4,733.30)
980	A.0001030.010.001.002	U01 1 U01 14 Circuit DC with U25	202004	847,861.47	2,709.88	-	2,709.88	845,151.59
981				847,861.47	2,709.88	-	2,709.88	845,151.59
982	A.0000482.002.001.002	Potter Co, K32 Terminal Upgrade to	201905	13,959.23	2,209.74	-	2,209.74	11,749.49
983				13,959.23	2,209.74	-	2,209.74	11,749.49
984	A.0000401.050.001.002	East Plant 2K50 Relay Replacement	201912	648,069.85	6,272.92	-	6,272.92	641,796.93
985				648,069.85	6,272.92	-	6,272.92	641,796.93
986	A.0000673.030.001.002	Yoakum 345kV Sub Reactor/Hobbs	201905	(11,008.70)	20,635.07	-	20,635.07	(31,643.77)
987				(11,008.70)	20,635.07	-	20,635.07	(31,643.77)
988	A.0000481.002.001.002	New Ink Basin 230/115kV Transformer	201910	(0.06)	(1,441.33)	-	(1,441.33)	1,441.27
989	A.0000481.002.001.003	New Ink Basin 230/115kV Transformer	201906	350,004.55	4,082.23	-	4,082.23	345,922.32
990				350,004.49	2,640.90	-	2,640.90	347,363.59
991	A.0000979.007.001.002	Mustang Sub Sub Portion Sub	201904	132,079.71	16,953.41	-	16,953.41	115,126.30
992				132,079.71	16,953.41	-	16,953.41	115,126.30
993	A.0000538.008.001.002	Z18 Tuco-Plainview Line	201912	650,670.72	101,403.12	-	101,403.12	549,267.60
994				650,670.72	101,403.12	-	101,403.12	549,267.60
995	A.0000776.003.001.001	Spare 230 115 250 MVA	202001	2,349,257.11	14,292.86	-	14,292.86	2,334,964.25
996				2,349,257.11	14,292.86	-	14,292.86	2,334,964.25
997	A.0000350.008.001.002	Lea County Plains 115kV Sub Term Up	201905	(203,556.11)	54.46	-	54.46	(203,610.57)
998				(203,556.11)	54.46	-	54.46	(203,610.57)
999	A.0001061.008.001.002	Purnell Sub	201907	1,163,466.18	2,129.83	-	2,129.83	1,161,336.35
1000				1,163,466.18	2,129.83	-	2,129.83	1,161,336.35
1001	A.0001167.004.001.004	TUCO SPE relay Upgrades TX	201911	233,222.25	480.54	-	480.54	232,741.71
1002	A.0001167.004.001.001	TUCO SPE relay Upgrades TX	202002	1,598,201.97	60,052.19	-	60,052.19	1,538,149.78
1003				1,831,424.22	60,532.73	-	60,532.73	1,770,891.49
1004	A.0000424.119.001.002	N Loving-S Loving 115 kV Line	201912	2,808,839.47	46,840.26	-	46,840.26	2,761,999.21
1005				2,808,839.47	46,840.26	-	46,840.26	2,761,999.21
1006	A.0000424.121.001.002	S Loving 115kV Conv From 69kV	201912	1,080,570.62	39,082.63	-	39,082.63	1,041,487.99

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
1007						A.0000424.121 Total
1008	A.0001189.011.001.002	China Draw-Phantom 345kv ROW	Electric Transmission	Cooley	RE/LI	A.0001189.011
1009						A.0001189.011 Total
1010	A.0001189.005.001.002	U-28 ROW PHTM-RDBF	Electric Transmission	Cooley	RE/LI	A.0001189.005
1011						A.0001189.005 Total
1012	A.0000401.030.001.002	Harrington 230kV K44 FK40 Sub	Electric Transmission	Cooley	SR	A.0000401.030
1013						A.0000401.030 Total
1014	A.0000646.020.001.001	PRYS - REMOVE 69KV ELECTRICAL EQUIP	Electric Transmission	Cooley	RE	A.0000646.020
1015						A.0000646.020 Total
1016	A.0000781.013.001.001	Bushland Relay	Electric Transmission	Cooley	RE	A.0000781.013
1017						A.0000781.013 Total
1018	A.0001024.008.001.001	U-24 Outpost Reterm at Hillside sub	Electric Transmission	Cooley	LI	A.0001024.008
1019						A.0001024.008 Total
1020	A.0000640.035.001.002	SFE-Spearman INTG RPL OCB 1H08	Electric Transmission	Cooley	SR	A.0000640.035
1021						A.0000640.035 Total
1022	A.0000303.090.001.002	K24 PPR	Electric Transmission	Cooley	SR	A.0000303.090
1023						A.0000303.090 Total
1024	A.0000842.004.001.001	PLANT X 115KV STATION BREAKER FAILU	Electric Transmission	Cooley	RE	A.0000842.004
1025						A.0000842.004 Total
1026	A.0000290.001.001.003	EDDY COUNTY DBL BUS DBLE BRKR 230KV	Electric Transmission	Cooley	RE	A.0000290.001
1027						A.0000290.001 Total
1028	A.0001137.003.001.002	WSST U-30 CLTR TERMINAL	Electric Transmission	Cooley	LI	A.0001137.003
1029						A.0001137.003 Total
1030	A.0001325.010.001.002	K87 RNCO-AMSO Add Insul Arms Str 26	Electric Transmission	Cooley	RE	A.0001325.010
1031						A.0001325.010 Total
1032	A.0000514.008.001.002	Denver Cty Rplc Switch W9832 982 99	Electric Transmission	Cooley	SR	A.0000514.008
1033						A.0000514.008 Total
1034	A.0001273.008.001.002	CARLISLE UPGR 115KV V40 AND T71 TER	Electric Transmission	Cooley	SR	A.0001273.008
1035						A.0001273.008 Total
1036	A.0000424.234.001.002	Livingston Ridge U-08 OPGW Upgrade	Electric Transmission	Cooley	RE	A.0000424.234
1037						A.0000424.234 Total
1038	A.0000481.001.001.003	Ink Basin 230115kV Substation	Electric Transmission	Cooley	RE	A.0000481.001
1039						A.0000481.001 Total
1040	A.0001079.002.001.002	INST 115KV Quincy SW SUB XCEL	Electric Transmission	Cooley	LI	A.0001079.002
1041						A.0001079.002 Total
1042	A.0001183.002.001.002	115KV LESS TERM UPG RATINGS	Electric Transmission	Cooley	GI	A.0001183.002
1043						A.0001183.002 Total
1044	A.0000303.059.001.004	K90 PPR SCHLD REPL POLE AT STR 425	Electric Transmission	Cooley	SR	A.0000303.059
1045	A.0000303.059.001.005	K56 PPR SCHLD REPL POL AT STR 33A	Electric Transmission	Cooley	SR	A.0000303.059
1046	A.0000303.059.001.002	K422 PPR SCHLD REPL POL AT 140 AND	Electric Transmission	Cooley	SR	A.0000303.059
1047	A.0000303.059.001.003	K73 PPR SCHLD REPL POLE AT STR 440	Electric Transmission	Cooley	SR	A.0000303.059

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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
1007				1,080,570.62	39,082.63	-	39,082.63	1,041,487.99
1008	A.0001189.011.001.002	OPIE China Draw-Phantom 345 ROW	202003	1,709,590.52	29,893.23	-	29,893.23	1,679,697.29
1009				1,709,590.52	29,893.23	-	29,893.23	1,679,697.29
1010	A.0001189.005.001.002	OPIE PhantomU28retermROW Phan to Re	202008	1,100.86	252.79	-	252.79	848.07
1011				1,100.86	252.79	-	252.79	848.07
1012	A.0000401.030.001.002	Harrington 230kV K44 (FK40)Sub	201912	486,494.87	4,702.78	-	4,702.78	481,792.09
1013				486,494.87	4,702.78	-	4,702.78	481,792.09
1014	A.0000646.020.001.001	Perryton South Sub Removal	201906	784.63	-	-	-	784.63
1015				784.63	-	-	-	784.63
1016	A.0000781.013.001.001	Bushland Relay	202003	595,157.10	5,236.05	-	5,236.05	589,921.05
1017				595,157.10	5,236.05	-	5,236.05	589,921.05
1018	A.0001024.008.001.001	U24 Reterm Hillside	201904	11,692.74	746.98	-	746.98	10,945.76
1019				11,692.74	746.98	-	746.98	10,945.76
1020	A.0000640.035.001.002	Spearman Int Breaker 1H08 Replaceme	201904	3,600.51	2,708.95	-	2,708.95	891.56
1021				3,600.51	2,708.95	-	2,708.95	891.56
1022	A.0000303.090.001.002	K24 Str Rpl PPR	202006	693,945.63	202.68	-	202.68	693,742.95
1023				693,945.63	202.68	-	202.68	693,742.95
1024	A.0000842.004.001.001	Plant X Add BFR on All 115 kV	202002	6,886,104.56	3,659.76	-	3,659.76	6,882,444.80
1025				6,886,104.56	3,659.76	-	3,659.76	6,882,444.80
1026	A.0000290.001.001.003	Eddy County Dbl Bus Dbl Brkr 230kV	201912	18,557,111.65	139,862.04	-	139,862.04	18,417,249.61
1027				18,557,111.65	139,862.04	-	139,862.04	18,417,249.61
1028	A.0001137.003.001.002	Western St Sub U-30 terminal (Coult	202005	1,384,136.68	10,623.33	-	10,623.33	1,373,513.35
1029				1,384,136.68	10,623.33	-	10,623.33	1,373,513.35
1030	A.0001325.010.001.002	K87 Line Crossing upgrade	201904	24,591.57	-	-	-	24,591.57
1031				24,591.57	-	-	-	24,591.57
1032	A.0000514.008.001.002	Denver City Sw W932/982/991/992	202007	29.19	42.65	-	42.65	(13.46)
1033				29.19	42.65	-	42.65	(13.46)
1034	A.0001273.008.001.002	V40 Switches and Jumpers at Carlisl	202004	9,072.72	2,093.90	-	2,093.90	6,978.82
1035				9,072.72	2,093.90	-	2,093.90	6,978.82
1036	A.0000424.234.001.002	Livingston Ridge U08 OPGW upgrade	201904	14,358.37	-	-	-	14,358.37
1037				14,358.37	-	-	-	14,358.37
1038	A.0000481.001.001.003	ink basin substation	2019-05	312,563.64	26,854.94	-	26,854.94	285,708.70
1039				312,563.64	26,854.94	-	26,854.94	285,708.70
1040	A.0001079.002.001.002	Inst 115kV Quincy Sw Station Xcel P	2019-04	891,186.15	36,569.44	-	36,569.44	854,616.71
1041				891,186.15	36,569.44	-	36,569.44	854,616.71
1042	A.0001183.002.001.002	Less Terminal Upgrade Sub	2019-05	8,577.81	-	-	-	8,577.81
1043				8,577.81	-	-	-	8,577.81
1044	A.0000303.059.001.004	SPS Priority Defects 230kV Line TX	2019-07	79,895.92	-	-	-	79,895.92
1045	A.0000303.059.001.005	SPS Priority Defects 230kV Line TX	2019-09	66,816.49	-	-	-	66,816.49
1046	A.0000303.059.001.002	SPS Priority Defects 230kV Line TX	2019-09	137,473.38	-	-	-	137,473.38
1047	A.0000303.059.001.003	SPS Priority Defects 230kV Line TX	2019-09	48,605.88	-	-	-	48,605.88

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
1048						A.0000303.059 Total
1049	A.0000424.122.001.002	N Lov 115kv additon and LOSO termin	Electric Transmission	Cooley	RE	A.0000424.122
1050						A.0000424.122 Total
1051	A.0000424.231.001.001	W87 CHDW CHEV TAP 115KV NEW 38MI LI	Electric Transmission	Cooley	RE	A.0000424.231
1052						A.0000424.231 Total
1053	A.0000401.047.001.003	Hale Co 3911 Relay Replacement	Electric Transmission	Cooley	SR	A.0000401.047
1054						A.0000401.047 Total
1055	A.0000286.015.002.001	SFE - Tuco-RPL 69kV Switch N738	Electric Transmission	Cooley	SR	A.0000286.015
1056						A.0000286.015 Total
1057	A.0000499.052.001.002	T52 Str Rpl	Electric Transmission	Cooley	SR	A.0000499.052
1058						A.0000499.052 Total
1059	A.0001137.004.001.002	WSST U-31 SOGE TERMINAL	Electric Transmission	Cooley	LI	A.0001137.004
1060						A.0001137.004 Total
1061	A.0000303.043.001.001	J15 SE UNSCHLD REPL STRM DAM STRS	Electric Transmission	Cooley	SR	A.0000303.043
1062						A.0000303.043 Total
1063	A.0001079.011.001.003	QUINCY SUB LAND	Electric Transmission	Cooley	LI	A.0001079.011
1064						A.0001079.011 Total
1065	A.0001390.001.001.002	Z08 Line CVEC Mobile Connect-TOIF	Electric Transmission	Cooley	OT	A.0001390.001
1066						A.0001390.001 Total
1067	A.0001079.004.001.002	FRANKFORD SUB REL REP	Electric Transmission	Cooley	LI	A.0001079.004
1068						A.0001079.004 Total
1069	A.0001028.001.001.002	K62 - Nichols Sub 230kV Term Upgrad	Electric Transmission	Cooley	RE	A.0001028.001
1070						A.0001028.001 Total
1071	A.0001167.034.001.001	Cochran V56 Line Relay UPGR tx	Electric Transmission	Cooley	RE	A.0001167.034
1072						A.0001167.034 Total
1073	A.0000401.032.001.002	Hutchinson 1936 T48 realy upgrade	Electric Transmission	Cooley	SR	A.0000401.032
1074						A.0000401.032 Total
1075	A.0000424.033.001.002	China Draw Yeso Hills terminal	Electric Transmission	Cooley	RE	A.0000424.033
1076						A.0000424.033 Total
1077	A.0000126.005.001.001	ArtesiaCytClubLineConstrTRANS	Electric Transmission	Cooley	RE	A.0000126.005
1078						A.0000126.005 Total
1079	A.0000795.009.001.002	Kirby Fiber Ring Sub	Electric Transmission	Cooley	OT	A.0000795.009
1080						A.0000795.009 Total
1081	A.0001137.002.001.002	WSST U-30 CLTR RETERM	Electric Transmission	Cooley	LI	A.0001137.002
1082						A.0001137.002 Total
1083	A.0000220.038.001.003	PCA Land	Electric Transmission	Cooley	SR	A.0000220.038
1084						A.0000220.038 Total
1085	A.0001227.002.001.001	NW LCEC 115kV TERM JODW TOIF	Electric Transmission	Cooley	LI	A.0001227.002
1086						A.0001227.002 Total
1087	A.0000979.008.001.002	DENVER CITY UPGRD 115KV TERM TO SHE	Electric Transmission	Cooley	RE	A.0000979.008
1088						A.0000979.008 Total

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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
1048				332,791.67	-	-	-	332,791.67
1049	A.0000424.122.001.002	N Loving 115kV Bus & S Loving	2019-11	4,707,462.34	74,630.60	-	74,630.60	4,632,831.74
1050				4,707,462.34	74,630.60	-	74,630.60	4,632,831.74
1051	A.0000424.231.001.001	W87 China Draw Chevron Tap 115kV Li	2019-05	95,847.88	(9,401.67)	-	(9,401.67)	105,249.55
1052				95,847.88	(9,401.67)	-	(9,401.67)	105,249.55
1053	A.0000401.047.001.003	Hale Co 3911 Relay Replacement	2019-05	48,895.01	918.33	-	918.33	47,976.68
1054				48,895.01	918.33	-	918.33	47,976.68
1055	A.0000286.015.002.001	Tuco Replace 69kV Cap and Pin Switc	2019-09	26,331.87	-	-	-	26,331.87
1056				26,331.87	-	-	-	26,331.87
1057	A.0000499.052.001.002	T52 Str Rpl	2020-06	488,864.27	-	-	-	488,864.27
1058				488,864.27	-	-	-	488,864.27
1059	A.0001137.004.001.002	Western St Sub U-31 terminal (S Geo	2020-05	745,490.86	40,713.89	-	40,713.89	704,776.97
1060				745,490.86	40,713.89	-	40,713.89	704,776.97
1061	A.0000303.043.001.001	SPS S&E 345kV Line NM	2019-06	(29,753.30)	863.20	33.60	896.80	(30,650.10)
1062				(29,753.30)	863.20	33.60	896.80	(30,650.10)
1063	A.0001079.011.001.003	Quincy Land	2020-09	508,550.54	1,755.62	-	1,755.62	506,794.92
1064				508,550.54	1,755.62	-	1,755.62	506,794.92
1065	A.0001390.001.001.002	Z08 Line CVEC Mobile Connect TOIF	2020-07	475.67	386.38	-	386.38	89.29
1066				475.67	386.38	-	386.38	89.29
1067	A.0001079.004.001.002	Frankford Substation Relay Replacem	2019-04	68,251.31	56.03	-	56.03	68,195.28
1068				68,251.31	56.03	-	56.03	68,195.28
1069	A.0001028.001.001.002	Upgr Nichols 230kV (K62) Term to Am	2020-04	85,726.47	8,523.31	-	8,523.31	77,203.16
1070				85,726.47	8,523.31	-	8,523.31	77,203.16
1071	A.0001167.034.001.001	Cochran V56 Line SPE Relay Upgrades	2020-05	863,979.90	7,380.62	-	7,380.62	856,599.28
1072				863,979.90	7,380.62	-	7,380.62	856,599.28
1073	A.0000401.032.001.002	Hutchinson 115kV T48 (1936)Sub	2019-04	14,226.24	146.56	-	146.56	14,079.68
1074				14,226.24	146.56	-	146.56	14,079.68
1075	A.0000424.033.001.002	ChinaDraw 115kV Sub Y Hill Ter	2019-05	34,102.56	359.90	-	359.90	33,742.66
1076				34,102.56	359.90	-	359.90	33,742.66
1077	A.0000126.005.001.001	Artesia Cty Club Line	2019-11	1,929,958.87	7,909.37	-	7,909.37	1,922,049.50
1078				1,929,958.87	7,909.37	-	7,909.37	1,922,049.50
1079	A.0000795.009.001.002	Kirby Fiber Ring Sub	2020-05	201,982.24	5,447.28	-	5,447.28	196,534.96
1080				201,982.24	5,447.28	-	5,447.28	196,534.96
1081	A.0001137.002.001.002	U-30 reterm Western St Sub	2020-05	170,827.60	1,627.78	-	1,627.78	169,199.82
1082				170,827.60	1,627.78	-	1,627.78	169,199.82
1083	A.0000220.038.001.003	PCA Land Lease	2020-09	25,985.57	355.59	-	355.59	25,629.98
1084				25,985.57	355.59	-	355.59	25,629.98
1085	A.0001227.002.001.001	NW LCEC 115kV TERM JODW TOIF	2019-09	371,591.83	2,069.94	-	2,069.94	369,521.89
1086				371,591.83	2,069.94	-	2,069.94	369,521.89
1087	A.0000979.008.001.002	Relay Upg - DVCY Shell Term	2019-10	619,234.79	2,595.67	-	2,595.67	616,639.12
1088				619,234.79	2,595.67	-	2,595.67	616,639.12

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
1089	A.0000303.092.001.002	K86 PPR	Electric Transmission	Cooley	SR	A.0000303.092
1090						A.0000303.092 Total
1091	A.0000303.058.001.002	K23 PPR SCHLD REPL OSMOSE POLES	Electric Transmission	Cooley	SR	A.0000303.058
1092	A.0000303.058.001.001	K92 PPR SCHLD REPL OSMOSE POLE AT S	Electric Transmission	Cooley	SR	A.0000303.058
1093						A.0000303.058 Total
1094	A.0000781.018.001.001	U24 Rel Str	Electric Transmission	Cooley	RE	A.0000781.018
1095						A.0000781.018 Total
1096	A.0000640.039.001.002	SNDW-Brkr-SW	Electric Transmission	Cooley	SR	A.0000640.039
1097						A.0000640.039 Total
1098	A.0000494.002.001.002	SEMINOLE INTG REPL WEST 230115KV XF	Electric Transmission	Cooley	RE	A.0000494.002
1099						A.0000494.002 Total
1100	A.0000886.008.001.001	Line Asset Sale to Oncor Electric	Electric Transmission	Cooley	OT	A.0000886.008
1101						A.0000886.008 Total
1102	A.0000499.033.001.002	T78 Str Rpl	Electric Transmission	Cooley	SR	A.0000499.033
1103						A.0000499.033 Total
1104	A.0000303.061.001.002	345kV Emergency H Frame Structures	Electric Transmission	Cooley	SR	A.0000303.061
1105						A.0000303.061 Total
1106	A.0000792.002.001.001	SPS GRP3 COMM NETWORK UPGRADE - YUM	Electric Transmission	Cooley	OT	A.0000792.002
1107						A.0000792.002 Total
1108	A.0001024.002.001.002	HILS-V52 IN-OUT ADD 115-13 2KV TR2	Electric Transmission	Cooley	LI	A.0001024.002
1109						A.0001024.002 Total
1110	A.0000589.011.001.003	Roswell Int 115kV Buss Diff	Electric Transmission	Cooley	SR	A.0000589.011
1111						A.0000589.011 Total
1112	A.0000303.062.001.002	V04 Structure Replacement	Electric Transmission	Cooley	SR	A.0000303.062
1113						A.0000303.062 Total
1114	A.0000979.002.001.002	V-95 SCO2 DVCY 115KV RETERM STR 7 T	Electric Transmission	Cooley	RE	A.0000979.002
1115						A.0000979.002 Total
1116	A.0000424.242.001.001	J14 Reterm Eddy Co Sub	Electric Transmission	Cooley	RE	A.0000424.242
1117						A.0000424.242 Total
1118	A.0001369.001.001.001	PLANT X 115KV REPLACE BREAKERS, SWI	Electric Transmission	Cooley	SR	A.0001369.001
1119						A.0001369.001 Total
1120	A.0000499.019.001.001	J14 ELR SCHLD REPL EOL ARMS	Electric Transmission	Cooley	SR	A.0000499.019
1121						A.0000499.019 Total
1122	A.0000673.021.001.002	TUCOYoakum 345kV LineUID 504	Electric Transmission	Cooley	RE	A.0000673.021
1123						A.0000673.021 Total
1124	A.0000556.016.001.001	Oasis 230 115kv Fault Recorder NM	Electric Transmission	Cooley	OT	A.0000556.016
1125						A.0000556.016 Total
1126	A.0001041.008.001.002	K73 Term Upgrade Grapevine	Electric Transmission	Cooley	RE	A.0001041.008
1127						A.0001041.008 Total
1128	A.0000646.002.001.002	PRYN - REMOVE Z66 TERMINAL	Electric Transmission	Cooley	RE	A.0000646.002
1129						A.0000646.002 Total

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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
1089	A.0000303.092.001.002	K86 Str Rpl PPR	2020-05	676,056.46	4,258.00	-	4,258.00	671,798.46
1090				676,056.46	4,258.00	-	4,258.00	671,798.46
1091	A.0000303.058.001.002	SPS Priority Defects 230kV Line NM	2019-07	279,876.09	-	-	-	279,876.09
1092	A.0000303.058.001.001	SPS Priority Defects 230kV Line NM	2019-07	29,828.24	-	-	-	29,828.24
1093				309,704.33	-	-	-	309,704.33
1094	A.0000781.018.001.001	U24 Structure Replacement CIAC	2019-04	3,714.77	-	-	-	3,714.77
1095				3,714.77	-	-	-	3,714.77
1096	A.0000640.039.001.002	Sundown Bkr/Sw	2020-04	2,832,177.42	20,848.99	-	20,848.99	2,811,328.43
1097				2,832,177.42	20,848.99	-	20,848.99	2,811,328.43
1098	A.0000494.002.001.002	Seminole Xfmr 2	2019-04	81,838.86	351.46	-	351.46	81,487.40
1099				81,838.86	351.46	-	351.46	81,487.40
1100	A.0000886.008.001.001	Asset Sale to Oncor	2019-01	(41,882.88)	-	-	-	(41,882.88)
1101				(41,882.88)	-	-	-	(41,882.88)
1102	A.0000499.033.001.002	T78 Str Rpl	2020-06	371,587.18	202.68	-	202.68	371,384.50
1103				371,587.18	202.68	-	202.68	371,384.50
1104	A.0000303.061.001.002	345 kV Emergency H Frame Structures	2020-01	199,247.89	-	-	-	199,247.89
1105				199,247.89	-	-	-	199,247.89
1106	A.0000792.002.001.001	SPS Sub Comm Network Group 3 S	2019-09	640.44	-	-	-	640.44
1107				640.44	-	-	-	640.44
1108	A.0001024.002.001.002	Hillside, line	2020-05	(0.02)	-	-	-	(0.02)
1109				(0.02)	-	-	-	(0.02)
1110	A.0000589.011.001.003	Roswell Int 115kV Buss Diff	2019-05	(18,320.41)	-	-	-	(18,320.41)
1111				(18,320.41)	-	-	-	(18,320.41)
1112	A.0000303.062.001.002	V04 Structure Replacement	2020-05	1,092,486.75	105,381.12	-	105,381.12	987,105.63
1113				1,092,486.75	105,381.12	-	105,381.12	987,105.63
1114	A.0000979.002.001.002	Denver City -Shell Reterm Tran	2019-04	(21,525.21)	-	-	-	(21,525.21)
1115				(21,525.21)	-	-	-	(21,525.21)
1116	A.0000424.242.001.001	J14 Eddy Reterm Line	2020-05	228,887.23	37,680.76	-	37,680.76	191,206.47
1117				228,887.23	37,680.76	-	37,680.76	191,206.47
1118	A.0001369.001.001.001	Plant X Rpl Brkr Switch WT Sub	2020-02	4,743,970.26	2,644.95	-	2,644.95	4,741,325.31
1119				4,743,970.26	2,644.95	-	2,644.95	4,741,325.31
1120	A.0000499.019.001.001	J14 ELR Maintenance	2019-10	2,405,376.69	-	-	-	2,405,376.69
1121				2,405,376.69	-	-	-	2,405,376.69
1122	A.0000673.021.001.002	TUCO-Yoakum 345kV Line_UID 504	2020-05	110,552,715.68	1,186,636.32	-	1,186,636.32	109,366,079.36
1123				110,552,715.68	1,186,636.32	-	1,186,636.32	109,366,079.36
1124	A.0000556.016.001.001	Oasis 230 115kV Fault Recorder	2019-11	362,599.72	2,400.95	-	2,400.95	360,198.77
1125				362,599.72	2,400.95	-	2,400.95	360,198.77
1126	A.0001041.008.001.002	K73 Terminal Upgrade Grapevine	2020-04	87,282.98	5,642.20	-	5,642.20	81,640.78
1127				87,282.98	5,642.20	-	5,642.20	81,640.78
1128	A.0000646.002.001.002	Perryton Substation Sub	2019-04	316,421.71	93.38	-	93.38	316,328.33
1129				316,421.71	93.38	-	93.38	316,328.33

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
1130	A.0001189.009.001.002	Phantom-Roadrunner 345kv ROW	Electric Transmission	Cooley	RE/LI	A.0001189.009
1131						A.0001189.009 Total
1132	A.0000482.001.001.002	Harrington K32 230kV Terminal Upgra	Electric Transmission	Cooley	RE	A.0000482.001
1133						A.0000482.001 Total
1134	A.0000481.005.001.002	U15 INKB Waits LCEC 115kV Reterm at	Electric Transmission	Cooley	RE	A.0000481.005
1135						A.0000481.005 Total
1136	A.0001168.005.001.001	ATOK W92 Line Relays	Electric Transmission	Cooley	LI	A.0001168.005
1137						A.0001168.005 Total
1138	A.0002055.003.001.001	W77 CanEtoArrowheadWreckRebuildROW	Electric Transmission	Cooley	RE	A.0002055.003
1139						A.0002055.003 Total
1140	A.0000979.005.001.002	YOAKUM 115KV RELAY UPGR TO SHELL CO	Electric Transmission	Cooley	RE	A.0000979.005
1141						A.0000979.005 Total
1142	A.0001059.004.001.001	Eddy County 4950 Relay Upgrade	Electric Transmission	Cooley	RE	A.0001059.004
1143						A.0001059.004 Total
1144	A.0000481.008.001.002	DVCY - Terminal Upgrade Ckt V80	Electric Transmission	Cooley	RE	A.0000481.008
1145						A.0000481.008 Total
1146	A.0001221.001.001.001	INST 3 1 WY SW KEMP REIM	Electric Transmission	Cooley	LI	A.0001221.001
1147						A.0001221.001 Total
1148	A.0001384.002.001.002	Inst W76 115KV 2-1 Wy Sw XCEL PORT	Electric Transmission	Cooley	LI	A.0001384.002
1149						A.0001384.002 Total
1150	A.0001383.002.001.002	TxDot T37 relocate ROW	Electric Transmission	Cooley	OT	A.0001383.002
1151						A.0001383.002 Total
1152	A.0002055.001.001.002	W77 CanEtoArrowheadWreckRebuild	Electric Transmission	Cooley	RE	A.0002055.001
1153						A.0002055.001 Total
1154	A.0001137.006.001.002	CLTR U-30 terminal upgrade	Electric Transmission	Cooley	LI	A.0001137.006
1155						A.0001137.006 Total
1156	A.0001061.009.001.001	XIT 115KV SUBSTATION TOIF	Electric Transmission	Cooley	LI	A.0001061.009
1157						A.0001061.009 Total
1158	A.0001024.001.001.002	HILS-ADD 115-13 2KV TR2 TAM	Electric Transmission	Cooley	LI	A.0001024.001
1159						A.0001024.001 Total
1160	A.0000499.030.001.002	Z36 ELR SCHLD REPL EOL ARM AND POLE	Electric Transmission	Cooley	SR	A.0000499.030
1161						A.0000499.030 Total
1162	A.0000673.039.001.001	HOBBS INST 345KV YOAKUM LINE REACTO	Electric Transmission	Cooley	RE	A.0000673.039
1163						A.0000673.039 Total
1164	A.0001325.007.001.002	W77 RNCO - OSSS Rebuild 4 Mi Line	Electric Transmission	Cooley	RE	A.0001325.007
1165						A.0001325.007 Total
1166	A.0001044.010.001.004	Tierra Blanca 115kV Sub Land	Electric Transmission	Cooley	RE	A.0001044.010
1167						A.0001044.010 Total
1168	A.0000303.067.001.002	K90 PPR	Electric Transmission	Cooley	SR	A.0000303.067
1169						A.0000303.067 Total
1170	A.0000424.257.001.001	W-72 U-18 common structure	Electric Transmission	Cooley	RE	A.0000424.257

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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
1130	A.0001189.009.001.002	OPIE Phantom Roadrunner 345 ROW	2020-03	1,470,681.75	34,480.37	-	34,480.37	1,436,201.38
1131				1,470,681.75	34,480.37	-	34,480.37	1,436,201.38
1132	A.0000482.001.001.002	k32 terminal upgrades potter & harr	2019-05	14,526.81	6,855.15	-	6,855.15	7,671.66
1133				14,526.81	6,855.15	-	6,855.15	7,671.66
1134	A.0000481.005.001.002	V-80 Reterm Out, Line	2019-05	17,369.18	-	-	-	17,369.18
1135				17,369.18	-	-	-	17,369.18
1136	A.0001168.005.001.001	ATOK W92 Line Relays	2019-04	41.78	-	-	-	41.78
1137				41.78	-	-	-	41.78
1138	A.0002055.003.001.001	Wreckout and Rebuild ROW	2019-12	143,861.89	6,247.62	-	6,247.62	137,614.27
1139				143,861.89	6,247.62	-	6,247.62	137,614.27
1140	A.0000979.005.001.002	Yoakum Relay upgrade Sub Porti	2019-12	869,510.04	3,132.52	-	3,132.52	866,377.52
1141				869,510.04	3,132.52	-	3,132.52	866,377.52
1142	A.0001059.004.001.001	Eddy County 4950 Relay Upgrade TPL	2020-03	768,977.50	8,515.63	-	8,515.63	760,461.87
1143				768,977.50	8,515.63	-	8,515.63	760,461.87
1144	A.0000481.008.001.002	Denver City Sub, V-80 Terminal Upgr	2019-04	(16,720.42)	53.92	-	53.92	(16,774.34)
1145				(16,720.42)	53.92	-	53.92	(16,774.34)
1146	A.0001221.001.001.001	INST 3 1 Way SW KEMP	2019-04	(80,415.94)	(8,998.96)	-	(8,998.96)	(71,416.98)
1147				(80,415.94)	(8,998.96)	-	(8,998.96)	(71,416.98)
1148	A.0001384.002.001.002	Inst W76 115KV 2-1 Wy Sw_XCEL PORT	2020-09	1,040,501.78	16,792.02	-	16,792.02	1,023,709.76
1149				1,040,501.78	16,792.02	-	16,792.02	1,023,709.76
1150	A.0001383.002.001.002	TxDot T 37 Relocate ROW	2020-04	1,187,911.80	1,099.46	-	1,099.46	1,186,812.34
1151				1,187,911.80	1,099.46	-	1,099.46	1,186,812.34
1152	A.0002055.001.001.002	W77 Canyon East Tap to Arrowhe	2020-03	6,161,478.74	222,259.50	-	222,259.50	5,939,219.24
1153				6,161,478.74	222,259.50	-	222,259.50	5,939,219.24
1154	A.0001137.006.001.002	CLTR, U-30 terminal	2020-04	151,750.67	507.56	-	507.56	151,243.11
1155				151,750.67	507.56	-	507.56	151,243.11
1156	A.0001061.009.001.001	XIT 115kV Sub TOIF	2019-05	8,961.92	1,160.13	-	1,160.13	7,801.79
1157				8,961.92	1,160.13	-	1,160.13	7,801.79
1158	A.0001024.001.001.002	Hillside, high side	2019-04	(156,740.85)	1,380.48	-	1,380.48	(158,121.33)
1159				(156,740.85)	1,380.48	-	1,380.48	(158,121.33)
1160	A.0000499.030.001.002	Z36 ELR Maintenance	2020-06	101,112.67	2,260.69	-	2,260.69	98,851.98
1161				101,112.67	2,260.69	-	2,260.69	98,851.98
1162	A.0000673.039.001.001	Hobbs Sub 345kV Yoakum Reator	2019-05	64,947.39	7,653.43	-	7,653.43	57,293.96
1163				64,947.39	7,653.43	-	7,653.43	57,293.96
1164	A.0001325.007.001.002	W77 Reconductor Arrowhead to Randal	2019-05	45,383.96	-	-	-	45,383.96
1165				45,383.96	-	-	-	45,383.96
1166	A.0001044.010.001.004	Tierra Blanca 115kV Sub Land	2020-07	930,510.48	28,607.51	-	28,607.51	901,902.97
1167				930,510.48	28,607.51	-	28,607.51	901,902.97
1168	A.0000303.067.001.002	K90 Str Rpl PPR	2020-05	739,524.53	3,122.96	-	3,122.96	736,401.57
1169				739,524.53	3,122.96	-	3,122.96	736,401.57
1170	A.0000424.257.001.001	W 72 U 18 Common Structure	2019-12	58,765.08	11,889.68	-	11,889.68	46,875.40

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	WBS Level 4 Number	WBS Level 4 Description	Asset Class	Witness	Project Category	WBS Level 2 Number
1171						A.0000424.257 Total
1172	A.0000499.029.001.002	Z65 ELR SCHLD REPL EOL ARMS AND POL	Electric Transmission	Cooley	SR	A.0000499.029
1173						A.0000499.029 Total
1174	A.0001273.016.001.001	Tolk Ground grid testing	Electric Transmission	Cooley	SR	A.0001273.016
1175						A.0001273.016 Total
1176	A.0000424.237.001.001	RDRN 115kv bus expansion	Electric Transmission	Cooley	LI	A.0000424.237
1177						A.0000424.237 Total
1178	A.0001137.001.001.002	WSST U-31 SOGE RETERM	Electric Transmission	Cooley	LI	A.0001137.001
1179						A.0001137.001 Total
1180	A.0001079.006.001.002	MURP 115KV RLY REPL	Electric Transmission	Cooley	LI	A.0001079.006
1181						A.0001079.006 Total
1182	A.0000514.006.001.002	Pecos Sub Relay Upg Carlsbad	Electric Transmission	Cooley	SR	A.0000514.006
1183						A.0000514.006 Total
1184	A.0001214.005.001.001	U26 LS Malaga 115kV ROW	Electric Transmission	Cooley	LI	A.0001214.005
1185						A.0001214.005 Total
1186	A.0001041.007.001.002	Yuma Wavetrap Upgrade	Electric Transmission	Cooley	RE	A.0001041.007
1187						A.0001041.007 Total
1188	A.0000640.036.001.001	Tuco- RPL BKRs N030 N040	Electric Transmission	Cooley	SR	A.0000640.036
1189						A.0000640.036 Total
1190	A.0000481.004.001.002	U14 DVCY INKB 115kV Reterm at INKB	Electric Transmission	Cooley	RE	A.0000481.004
1191						A.0000481.004 Total
1192	A.0001399.001.001.002	Interconnection Yuma CT PT Metering	Electric Transmission	Cooley	LI	A.0001399.001
1193						A.0001399.001 Total
1194	A.0000303.064.001.002	T53 PPR SCHLD REPL EOL POLES	Electric Transmission	Cooley	SR	A.0000303.064
1195						A.0000303.064 Total
1196	A.0000842.007.001.001	CASTRO CTY UPGR 115KV CARR EQUIP-PL	Electric Transmission	Cooley	RE	A.0000842.007
1197						A.0000842.007 Total
1198	A.0001041.009.001.003	K53 Term Upgrade Nichols	Electric Transmission	Cooley	RE	A.0001041.009
1199						A.0001041.009 Total
1200	A.0000499.031.001.002	T68 ELR SCHLD REPL EOL ARM AND POLE	Electric Transmission	Cooley	SR	A.0000499.031
1201						A.0000499.031 Total
1202	A.0000484.002.001.002	ALLN V45 Terminal	Electric Transmission	Cooley	RE	A.0000484.002
1203						A.0000484.002 Total
1204	A.0000514.004.001.001	Carlsbad 115kV Switch Replacement	Electric Transmission	Cooley	SR	A.0000514.004
1205						A.0000514.004 Total
1206	A.0000795.010.001.002	Kirby Jericho T-52 115kV Line	Electric Transmission	Cooley	OT	A.0000795.010
1207						A.0000795.010 Total
1208	A.0000842.002.001.002	HALE COUNTY 115KV TERMINAL UPGRADE	Electric Transmission	Cooley	RE	A.0000842.002
1209						A.0000842.002 Total
1210	A.0001189.026.001.002	China Draw Land	Electric Transmission	Cooley	RE/LI	A.0001189.026
1211						A.0001189.026 Total

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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
1171				58,765.08	11,889.68	-	11,889.68	46,875.40
1172	A.0000499.029.001.002	Z65 ELR Maintenance	2020-09	659,859.95	-	-	-	659,859.95
1173				659,859.95	-	-	-	659,859.95
1174	A.0001273.016.001.001	Tolk Ground Grid Testing	2020-02	96.38	-	-	-	96.38
1175				96.38	-	-	-	96.38
1176	A.0000424.237.001.001	Roadrunner 115kV Bus Expansion	2019-08	3,547,934.36	16,142.82	-	16,142.82	3,531,791.54
1177				3,547,934.36	16,142.82	-	16,142.82	3,531,791.54
1178	A.0001137.001.001.002	U-31 reterm Western St Sub	2020-05	212,889.87	1,885.51	-	1,885.51	211,004.36
1179				212,889.87	1,885.51	-	1,885.51	211,004.36
1180	A.0001079.006.001.002	Murphy Substation Relay Replacement	2019-04	22,278.58	349.13	-	349.13	21,929.45
1181				22,278.58	349.13	-	349.13	21,929.45
1182	A.0000514.006.001.002	Pecos Sub Relay Upg-Carlsbad	2020-05	245,509.57	7,211.94	-	7,211.94	238,297.63
1183				245,509.57	7,211.94	-	7,211.94	238,297.63
1184	A.0001214.005.001.001	U26 LS Malaga 115kV ROW	2019-11	1,076,667.96	134,028.12	-	134,028.12	942,639.84
1185				1,076,667.96	134,028.12	-	134,028.12	942,639.84
1186	A.0001041.007.001.002	T71 Terminal upgrade Yuma	2019-12	21,015.09	-	-	-	21,015.09
1187				21,015.09	-	-	-	21,015.09
1188	A.0000640.036.001.001	Tuco N030 N040 Replacement	2019-06	(18,498.33)	38.73	-	38.73	(18,537.06)
1189				(18,498.33)	38.73	-	38.73	(18,537.06)
1190	A.0000481.004.001.002	V-80 Reterm In, Line	2019-05	(21,577.36)	38.66	-	38.66	(21,616.02)
1191				(21,577.36)	38.66	-	38.66	(21,616.02)
1192	A.0001399.001.001.002	Yuma CT/PT Metering	2020-09	102,505.36	11,611.77	-	11,611.77	90,893.59
1193				102,505.36	11,611.77	-	11,611.77	90,893.59
1194	A.0000303.064.001.002	T53 PPR Schld pole Replacement	2020-03	1,246,815.05	-	-	-	1,246,815.05
1195				1,246,815.05	-	-	-	1,246,815.05
1196	A.0000842.007.001.001	Plant X-Castro Carrier Equipment	2020-05	100,076.25	341.54	-	341.54	99,734.71
1197				100,076.25	341.54	-	341.54	99,734.71
1198	A.0001041.009.001.003	K53 Term Upgrade Grapevine Nichols	2020-04	111,186.49	6,756.30	-	6,756.30	104,430.19
1199				111,186.49	6,756.30	-	6,756.30	104,430.19
1200	A.0000499.031.001.002	T68 ELR Maintenance	2020-06	288,283.88	3,116.67	-	3,116.67	285,167.21
1201				288,283.88	3,116.67	-	3,116.67	285,167.21
1202	A.0000484.002.001.002	Allen Sub, Lubbock S. Term	2019-05	26,547.22	95.31	-	95.31	26,451.91
1203				26,547.22	95.31	-	95.31	26,451.91
1204	A.0000514.004.001.001	Carlsbad 115kV Switch Replacement	2020-05	4,606,688.81	28,019.77	-	28,019.77	4,578,669.04
1205				4,606,688.81	28,019.77	-	28,019.77	4,578,669.04
1206	A.0000795.010.001.002	Kirby Jericho T-52 115kV Line	2020-05	445,493.12	16,843.00	-	16,843.00	428,650.12
1207				445,493.12	16,843.00	-	16,843.00	428,650.12
1208	A.0000842.002.001.002	Hale Co Relay Upgrade for Plan	2020-04	505,817.74	6,073.99	-	6,073.99	499,743.75
1209				505,817.74	6,073.99	-	6,073.99	499,743.75
1210	A.0001189.026.001.002	China Draw Land	2020-09	52,372.15	556.94	-	556.94	51,815.21
1211				52,372.15	556.94	-	556.94	51,815.21

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Line No.	(A) WBS Level 4 Number	(B) WBS Level 4 Description	(C) Asset Class	(D) Witness	(E) Project Category	(F) WBS Level 2 Number
1212	A.0000290.010.001.002	Eddy County 4K40 ABB Breaker	Electric Transmission	Cooley	RE	A.0000290.010
1213						A.0000290.010 Total
1214	A.0001167.033.001.002	Indiana V15 SPE Relay Upgrades	Electric Transmission	Cooley	RE	A.0001167.033
1215						A.0001167.033 Total
1216	A.0000673.040.001.001	Terry Co 345 kV Repeater	Electric Transmission	Cooley	RE	A.0000673.040
1217						A.0000673.040 Total
1218	A.0000866.001.001.001	Bailey Cty-New Amherst, Pre Con	Electric Transmission	Cooley	RE	A.0000866.001
1219						A.0000866.001 Total
1220	A.0000424.115.001.002	J14 Reterm Eddy Co Sub	Electric Transmission	Cooley	RE	A.0000424.115
1221						A.0000424.115 Total
1222			**Electric Transmission**			
1223			**Grand Total**			

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	(A)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Line No.	WBS Level 4 Number	WBS Level 2 Description	In-Service Date (year-month)	Additions to Plant-in-Service (July 1, 2019 - September 30, 2020) Total Company	XES Charges (Included in Column I)	Other Affiliate Charges (Included in Column I)	Total Affiliate Charges (Included in Column I)	Total Native Charges (Columns I less L) Within the Total Additions to Plant-in-Service Shown in Column (I)
1212	A.0000290.010.001.002	Eddy County 4K40 ABB Breaker	2020-07	679,908.25	7,296.34	-	7,296.34	672,611.91
1213				679,908.25	7,296.34	-	7,296.34	672,611.91
1214	A.0001167.033.001.002	Indiana V15 SPE Relay Upgrades TX	2020-05	804,038.74	20,888.83	-	20,888.83	783,149.91
1215				804,038.74	20,888.83	-	20,888.83	783,149.91
1216	A.0000673.040.001.001	Terry Co Sub Repeater	2020-05	576,451.65	85,027.85	-	85,027.85	491,423.80
1217				576,451.65	85,027.85	-	85,027.85	491,423.80
1218	A.0000866.001.001.001	Bailey County-New Amherst 115k	2020-01	(453.96)	(10,591.18)	-	(10,591.18)	10,137.22
1219				(453.96)	(10,591.18)	-	(10,591.18)	10,137.22
1220	A.0000424.115.001.002	J02 Tolk Re-Term Line	2019-11	0.01	(5,368.02)	-	(5,368.02)	5,368.03
1221				0.01	(5,368.02)	-	(5,368.02)	5,368.03
1222				**$ 258,803,966.75**	**$ 3,188,878.16**	**$ 422.86**	**$ 3,189,301.02**	**$ 255,614,665.73**
1223				**$ 269,184,941.34**	**$ 3,423,333.46**	**$ 422.86**	**$ 3,423,756.32**	**$ 265,761,185.02**

Southwestern Public Service Company

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	**Asset Class**	**WBS Level 1 Project Group Name**	**WBS Level 2 Number**	**WBS Level 2 Description**	**In-Service Date (year-month)**	**Capital Additions (July 1, 2019 - September 30, 2020)**	**XES Charges (Included in Column F)**	**Other Affiliate Charges (Included in Column F)**
1	Electric Transmission	345 115kV 448MVA Xfmr spare Sub	A.0001267.001	345/115kV 448MVA XfmrspareSub	201901	$ 218,929.53	$ 166.22	$ -
2	Electric Transmission	**345 115kV 448MVA Xfmr spare Sub Total**				**$ 218,929.53**	**$ 166.22**	**$ -**
3	Electric Transmission	Agreement Lighthouse Bill of Sale	A.0001003.001	Lighthouse Switch Install Transmiss	201803	$ 7,758.97	$ 625.02	$ -
4	Electric Transmission	**Agreement Lighthouse Bill of Sale Total**				**$ 7,758.97**	**$ 625.02**	**$ -**
5	Electric Transmission	Agreement Rogers Elementary	A.0001403.001	Y 92 Replace Stub Pole	202001	$ (10,653.80)	$ 10,395.59	$ -
6	Electric Transmission	**Agreement Rogers Elementary Total**				**$ (10,653.80)**	**$ 10,395.59**	**$ -**
7	Electric Transmission	Amarillo West Upgrade	A.0000781.013	Bushland Relay	202003	$ 595,157.10	$ 5,236.05	$ -
8	Electric Transmission	Amarillo West Upgrade	A.0000781.014	Coulter Relay	201905	129,791.90	3,354.57	-
9	Electric Transmission	Amarillo West Upgrade	A.0000781.015	Modify V44 at Colter for SL335	201708	1,115.76	-	-
10	Electric Transmission	Amarillo West Upgrade	A.0000781.018	U24 Structure Replacement CIAC	201904	3,714.77	-	-
11	Electric Transmission	**Amarillo West Upgrade Total**				**$ 729,779.53**	**$ 8,590.62**	**$ -**
12	Electric Transmission	Artesia Country Club 115kV conversion	A.0000126.005	Artesia Cty Club Line	201911	$ 1,929,958.87	$ 7,909.37	$ -
13	Electric Transmission	**Artesia Country Club 115kV conversion Total**				**$ 1,929,958.87**	**$ 7,909.37**	**$ -**
14	Electric Transmission	Artesia South 115 Conversion	A.0001168.003	EGCK W92 Line Relays	201910	$ 0.01	$ -	$ -
15	Electric Transmission	Artesia South 115 Conversion	A.0001168.005	ATOK W92 Line Relays	201904	41.78	-	-
16	Electric Transmission	**Artesia South 115 Conversion Total**				**$ 41.79**	**$ -**	**$ -**
17	Electric Transmission	Atoka-Eagle Creek	A.0000540.001	Atoka-Eagle Creek 115 kV Line	201812	$ 56,239.91	$ -	$ -
18	Electric Transmission	**Atoka-Eagle Creek Total**				**$ 56,239.91**	**$ -**	**$ -**
19	Electric Transmission	Bailey Cty-New Amherst-Lamb Cty	A.0000866.001	Bailey County-New Amherst 115k	202001	$ (453.96)	$ (10,591.18)	$ -
20	Electric Transmission	Bailey Cty-New Amherst-Lamb Cty	A.0000866.027	V13 Tap to W Littlefield ROW	201509	(1.00)	-	-
21	Electric Transmission	Bailey Cty-New Amherst-Lamb Cty	A.0000866.033	Lamb County Land	201706	(62,142.92)	-	-
22	Electric Transmission	**Bailey Cty-New Amherst-Lamb Cty Total**				**$ (62,597.88)**	**$ (10,591.18)**	**$ -**
23	Electric Transmission	Cardinal Teague Recond 115kV Line	A.0001271.004	Cardinal-Teague Recond 115kV	201811	$ 16,095.62	$ 17.98	$ -

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	(A)	(I)	(J)	(K)	(L)	(M)
Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
1	Electric Transmission	$ 166.22	$ 218,763.31			
2	Electric Transmission	**$ 166.22**	**$ 218,763.31**	This project purchased a spare 345/115-kV, 448 MVA transformer to provide a reserve unit in the event of a failure of one of the numerous similar transformers in service in the SPS service area.	**SPS Zonal**	**SR**
3	Electric Transmission	$ 625.02	$ 7,133.95			
4	Electric Transmission	**$ 625.02**	**$ 7,133.95**	This project installed a single transmission line switch on line Y-96 to provide an isolation point between SPS and Lighthouse Electric Cooperative's South Plains Substation per an agreement with Lighthouse Electric as a condition for SPS to purchase a 69-kV line segment from Lighthouse Electric.	**SPS Zonal**	**OT**
5	Electric Transmission	$ 10,395.59	$ (21,049.39)			
6	Electric Transmission	**$ 10,395.59**	**$ (21,049.39)**	This project replaced a transmission structure at Rogers Elementary to accommodate a new parking lot arrangement at the school. The school district reimbursed SPS 100% of the cost of this work.	**Customer Funded**	**OT**
7	Electric Transmission	$ 5,236.05	$ 589,921.05			
8	Electric Transmission	3,354.57	126,437.33			
9	Electric Transmission	-	1,115.76			
10	Electric Transmission	-	3,714.77			
11	Electric Transmission	**$ 8,590.62**	**$ 721,188.91**	This project provided for new infrastructure to provide service for Amarillo's expansion to the west.	**SPS Zonal**	**RE**
12	Electric Transmission	$ 7,909.37	$ 1,922,049.50			
13	Electric Transmission	**$ 7,909.37**	**$ 1,922,049.50**	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**
14	Electric Transmission	$ -	$ 0.01			
15	Electric Transmission	-	41.78			
16	Electric Transmission	**$ -**	**$ 41.79**	This project was to convert Artesia South substation from 69-kV to 115-kV to be able to serve more load from this substation. However, later developments on the system allowed this new load to be served from other sources which eliminated the need to construct this project. This project has been cancelled and the charges are in the process of being zeroed out.	**SPS Zonal**	**LI**
17	Electric Transmission	$ -	$ 56,239.91			
18	Electric Transmission	**$ -**	**$ 56,239.91**	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**
19	Electric Transmission	$ (10,591.18)	$ 10,137.22			
20	Electric Transmission	-	(1.00)			
21	Electric Transmission	-	(62,142.92)			
22	Electric Transmission	**$ (10,591.18)**	**$ (52,006.70)**	This project was initially approved by SPP to mitigate system issues caused by a forecasted increase in electric cooperative load. SPP issued SPS an NTC for this project. The load did not materialize and SPS requested that SPP re-evaluate the need for this project. SPP re-evaluated the project and agreed that it was no longer needed. This project has been cancelled and the charges are in the process of being zeroed out.	**SPP Base Plan**	**RE**
23	Electric Transmission	$ 17.98	$ 16,077.64			

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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) In-Service Date (year-month)	(F) Capital Additions (July 1, 2019 - September 30, 2020)	(G) XES Charges (Included in Column F)	(H) Other Affiliate Charges (Included in Column F)
24	Electric Transmission	**Cardinal Teague Recond 115kV Line Total**				**$ 16,095.62**	**$ 17.98**	**$ -**
25	Electric Transmission	Cargill 14.4 Mvar Cap Bank	A.0001272.001	Cargill 14.4 Mvar Cap Bank	201812	$ (9,251.85)	$ (8,346.44)	$ -
26	Electric Transmission	**Cargill 14.4 Mvar Cap Bank Total**				**$ (9,251.85)**	**$ (8,346.44)**	**$ -**
27	Electric Transmission	Carlisle to Wolfforth	A.0000511.001	Carlisle to Wolfforth 230 kVLi	201711	$ 531.45	$ -	$ -
28	Electric Transmission	Carlisle to Wolfforth	A.0000511.001	Carlisle to Wolfforth 230 kVLi	201905	(5.88)	-	-
29	Electric Transmission	Carlisle to Wolfforth	A.0000511.004	Carlisle to Wofforth Wolfforth	201711	4,277.88	-	-
30	Electric Transmission	Carlisle to Wolfforth	A.0000511.008	Carlisle to Wofforth ROW	201906	54.26	-	-
31	Electric Transmission	Carlisle to Wolfforth	A.0000511.020	Carl-Wolf Lubbock S Relay at	201803	(37,808.89)	-	-
32	Electric Transmission	Carlisle to Wolfforth	A.0000511.021	Carl-Wolf Sundown Relay at Wo	201804	41,343.94	-	-
33	Electric Transmission	Carlisle to Wolfforth	A.0000511.026	K39 LPL Line Reterm at Carlisle	201802	1,495.75	-	-
34	Electric Transmission	**Carlisle to Wolfforth Total**				**$ 9,888.51**	**$ -**	**$ -**
35	Electric Transmission	Chevron South Eddy Fields Load Addition	A.0000175.001	Install 3 Way Switch_Chevron_Trans	201905	$ 7,467.46	$ -	$ -
36	Electric Transmission	Chevron South Eddy Fields Load Addition	A.0000175.003	Chevron S Eddy Fields 115kV TOIF	201905	(14,556.74)	-	-
37	Electric Transmission	**Chevron South Eddy Fields Load Addition Total**				**$ (7,089.28)**	**$ -**	**$ -**
38	Electric Transmission	Cochran Co - Whiteface 115kv	A.0000194.001	Cochran 115 Cap Bank	201812	$ 46,396.12	$ -	$ -
39	Electric Transmission	Cochran Co - Whiteface 115kv	A.0000194.005	Cochran Z26 Terminal	201811	(34,959.18)	-	-
40	Electric Transmission	Cochran Co - Whiteface 115kv	A.0000194.008	Cochran Whiteface Z26 Rebuild	201811	(77,252.61)	-	-
41	Electric Transmission	**Cochran Co - Whiteface 115kv Total**				**$ (65,815.67)**	**$ -**	**$ -**
42	Electric Transmission	Cochran Plains Line Ratings	A.0001183.001	Cochran Terminal Upgrade Sub	201810	$ (1,313.77)	$ -	$ -
43	Electric Transmission	Cochran Plains Line Ratings	A.0001183.002	Less Terminal Upgrade Sub	201905	8,577.81	-	-
44	Electric Transmission	**Cochran Plains Line Ratings Total**				**$ 7,264.04**	**$ -**	**$ -**
45	Electric Transmission	Curry Co. Dist. Xfmr Conversion	A.0000860.003	Curry Co Dist Xfmr Conversion	201805	$ 70,667.03	$ -	$ -
46	Electric Transmission	**Curry Co. Dist. Xfmr Conversion Total**				**$ 70,667.03**	**$ -**	**$ -**
47	Electric Transmission	CVA Mitigation	A.0000286.005	Horz Cap and Pin Replacement TX	202006	$ 240,244.35	$ 15.11	$ -
48	Electric Transmission	CVA Mitigation	A.0000286.015	Tuco Replace 69kV Cap and Pin Switc	201909	26,331.87	-	-

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	(A)	(I)	(J)	(K)	(L)	(M)
Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
24	Electric Transmission	**$ 17.98**	**$ 16,077.64**	This project installed taller transmission line structures where identified to provide the necessary ground clearance to allow the existing conductors to be loaded to their full amperage rating. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
25	Electric Transmission	$ (8,346.44)	$ (905.41)			
26	Electric Transmission	**$ (8,346.44)**	**$ (905.41)**	This project installed a 14.4 MVAr capacitor bank on the 115-kV bus at Cargill Substation. The new capacitor bank will provide voltage support in the south central part of the Texas panhandle and the eastern part of New Mexico. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
27	Electric Transmission	$ -	$ 531.45			
28	Electric Transmission	-	(5.88)			
29	Electric Transmission	-	4,277.88			
30	Electric Transmission	-	54.26			
31	Electric Transmission	-	(37,808.89)			
32	Electric Transmission	-	41,343.94			
33	Electric Transmission	-	1,495.75			
34	Electric Transmission	**$ -**	**$ 9,888.51**	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**
35	Electric Transmission	$ -	$ 7,467.46			
36	Electric Transmission	-	(14,556.74)			
37	Electric Transmission	**$ -**	**$ (7,089.28)**	This project installed a three-way 115-kV switch on transmission line W-87 west of China Draw substation to provide a new 115-kV service point for a new substation owned by Chevron.	**SPS Zonal**	**LI**
38	Electric Transmission	$ -	$ 46,396.12			
39	Electric Transmission	-	(34,959.18)			
40	Electric Transmission	-	(77,252.61)			
41	Electric Transmission	**$ -**	**$ (65,815.67)**	This project reconductored the 4.4 mile segment of the 69-kV transmission line from Cochran County Substation to structure number 55 at Whiteface Tap. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
42	Electric Transmission	$ -	$ (1,313.77)			
43	Electric Transmission	-	8,577.81			
44	Electric Transmission	**$ -**	**$ 7,264.04**	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**
45	Electric Transmission	$ -	$ 70,667.03			
46	Electric Transmission	**$ -**	**$ 70,667.03**	This project replaced the existing 69/23-kV distribution transformer with a 115/23-kV distribution transformer. This conversion from 69-kV to 115-kV was needed to prevent the overloading of the 115/69-kV transformers located at Curry Co. Interchange. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
47	Electric Transmission	$ 15.11	$ 240,229.24			
48	Electric Transmission	-	26,331.87			

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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) In-Service Date (year-month)	(F) Capital Additions (July 1, 2019 - September 30, 2020)	(G) XES Charges (Included in Column F)	(H) Other Affiliate Charges (Included in Column F)
49	Electric Transmission	**CVA Mitigation Total**				**$ 266,576.22**	**$ 15.11**	**$ -**
50	Electric Transmission	Deaf Smith 230kV Breaker Add	A.0000916.004	Deaf Smith 230kV Breaker ADD S	201910	$ 5,972,550.95	$ 9,857.73	$ -
51	Electric Transmission	Deaf Smith 230kV Breaker Add	A.0000916.007	Remote End Upgrade for ring bus add	201903	39,266.42	-	-
52	Electric Transmission	Deaf Smith 230kV Breaker Add	A.0000916.010	Plant X 230kV LRU to Deaf Smith	201902	(19,898.40)	-	-
53	Electric Transmission	**Deaf Smith 230kV Breaker Add Total**				**$ 5,991,918.97**	**$ 9,857.73**	**$ -**
54	Electric Transmission	Denver City In-Line 115 kV Bkr	A.0000846.001	Denver City 115 kV Breaker Add	201810	$ 403.96	$ 397.92	$ -
55	Electric Transmission	**Denver City In-Line 115 kV Bkr Total**				**$ 403.96**	**$ 397.92**	**$ -**
56	Electric Transmission	Diamondback Lyntegar Terminal	A.0000553.001	Diamondback Lyntegar TerminalS	201811	$ 2,880.77	$ 238.26	$ -
57	Electric Transmission	**Diamondback Lyntegar Terminal Total**				**$ 2,880.77**	**$ 238.26**	**$ -**
58	Electric Transmission	Eddy County Dbl Bus Dbl Brker 230kV	A.0000290.001	Eddy County Dbl Bus Dbl Brkr 230kV	201912	$ 18,557,111.65	$ 139,862.04	$ -
59	Electric Transmission	Eddy County Dbl Bus Dbl Brker 230kV	A.0000290.003	K23 Retermination, Eddy Co Sub	201812	18,578.02	61.90	-
60	Electric Transmission	Eddy County Dbl Bus Dbl Brker 230kV	A.0000290.004	K38 Retermination, Eddy Co Sub	201904	(4,733.30)	-	-
61	Electric Transmission	Eddy County Dbl Bus Dbl Brker 230kV	A.0000290.005	Cunningham Intg, Upgrade Eddy 230kV	201810	107,266.17	1,653.72	-
62	Electric Transmission	Eddy County Dbl Bus Dbl Brker 230kV	A.0000290.006	Seven Rivers Intg, Upgrade Eddy 230	201902	309.70	37.34	-
63	Electric Transmission	Eddy County Dbl Bus Dbl Brker 230kV	A.0000290.010	Eddy County 4K40 ABB Breaker	202007	679,908.25	7,296.34	-
64	Electric Transmission	**Eddy County Dbl Bus Dbl Brker 230kV Total**				**$ 19,358,440.49**	**$ 148,911.34**	**$ -**
65	Electric Transmission	ELR - Breakers - SPS	A.0000640.008	Tolk-Repl Bkrs TK12TK39TK43TK5	201612	$ (129,426.02)	$ -	$ -
66	Electric Transmission	ELR - Breakers - SPS	A.0000640.020	Texas Co Rpl Breakers 800, 804	201812	96.28	117.48	-
67	Electric Transmission	ELR - Breakers - SPS	A.0000640.021	W07 Tx Cty SS Fr DCB to DCUB Rpl SE	201902	5,955.15	-	-
68	Electric Transmission	ELR - Breakers - SPS	A.0000640.023	AMOCO Breaker Rplmnt	201809	847.44	-	-
69	Electric Transmission	ELR - Breakers - SPS	A.0000640.033	Eddy Co 4K80 Bkr Replace	201911	202,199.88	4,206.65	-
70	Electric Transmission	ELR - Breakers - SPS	A.0000640.034	COCO 115kV Brkr 9910 Replacement	201903	28,876.18	-	-
71	Electric Transmission	ELR - Breakers - SPS	A.0000640.035	Spearman Int Breaker 1H08 Replaceme	201904	3,600.51	2,708.95	-
72	Electric Transmission	ELR - Breakers - SPS	A.0000640.036	Tuco N030 N040 Replacement	201906	(18,498.33)	38.73	-
73	Electric Transmission	ELR - Breakers - SPS	A.0000640.039	Sundown Bkr/Sw	202004	2,832,177.42	20,848.99	-
74	Electric Transmission	**ELR - Breakers - SPS Total**				**$ 2,925,828.51**	**$ 27,920.80**	**$ -**
75	Electric Transmission	ELR - Relay - SPS	A.0000401.022	Blackhawk 115kV T48 (1H70)Sub	201904	$ 32,223.97	$ 35.95	$ -
76	Electric Transmission	ELR - Relay - SPS	A.0000401.030	Harrington 230kV K44 (FK40)Sub	201912	486,494.87	4,702.78	-
77	Electric Transmission	ELR - Relay - SPS	A.0000401.032	Hutchinson 115kV T48 (1936)Sub	201904	14,226.24	146.56	-
78	Electric Transmission	ELR - Relay - SPS	A.0000401.033	Potash Junction 115kV 4920	201711	46,018.09	-	-
79	Electric Transmission	ELR - Relay - SPS	A.0000401.039	Wipp Cap Bank Volt Diff NM	201807	(222.20)	-	-
80	Electric Transmission	ELR - Relay - SPS	A.0000401.047	Hale Co 3911 Relay Replacement	201905	48,895.01	918.33	-

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	(A)	(I)	(J)	(K)	(L)	(M)
Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
49	Electric Transmission	**$ 15.11**	**$ 266,561.11**	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**
50	Electric Transmission	$ 9,857.73	$ 5,962,693.22			
51	Electric Transmission	-	39,266.42			
52	Electric Transmission	-	(19,898.40)			
53	Electric Transmission	**$ 9,857.73**	**$ 5,982,061.24**	This project created a ring bus on the 230-kV side of the Deaf Smith Substation.	**SPS Zonal**	**RE**
54	Electric Transmission	$ 397.92	$ 6.04			
55	Electric Transmission	**$ 397.92**	**$ 6.04**	This project installed breaker failure relays on all 115-kV breakers at Denver City Interchange.	**SPS Zonal**	**RE**
56	Electric Transmission	$ 238.26	$ 2,642.51			
57	Electric Transmission	**$ 238.26**	**$ 2,642.51**	This project connected a new line built by Lyntegar Rural Electric Cooperative to the new Diamondback Substation for service to their customers in the southeast part of the SPS transmission system.	**Customer Funded**	**LI**
58	Electric Transmission	$ 139,862.04	$ 18,417,249.61			
59	Electric Transmission	61.90	18,516.12			
60	Electric Transmission	-	(4,733.30)			
61	Electric Transmission	1,653.72	105,612.45			
62	Electric Transmission	37.34	272.36			
63	Electric Transmission	7,296.34	672,611.91			
64	Electric Transmission	**$ 148,911.34**	**$ 19,209,529.15**	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**
65	Electric Transmission	$ -	$ (129,426.02)			
66	Electric Transmission	117.48	(21.20)			
67	Electric Transmission	-	5,955.15			
68	Electric Transmission	-	847.44			
69	Electric Transmission	4,206.65	197,993.23			
70	Electric Transmission	-	28,876.18			
71	Electric Transmission	2,708.95	891.56			
72	Electric Transmission	38.73	(18,537.06)			
73	Electric Transmission	20,848.99	2,811,328.43			
74	Electric Transmission	**$ 27,920.80**	**$ 2,897,907.71**	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 several substations as part of a multi-year program to replace breakers that are obsolete, for which parts are no longer available, or require significant operations and maintenance spend to keep them in service.	**SPS Zonal**	**SR**
75	Electric Transmission	$ 35.95	$ 32,188.02			
76	Electric Transmission	4,702.78	481,792.09			
77	Electric Transmission	146.56	14,079.68			
78	Electric Transmission	-	46,018.09			
79	Electric Transmission	-	(222.20)			
80	Electric Transmission	918.33	47,976.68			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	**Asset Class**	**WBS Level 1 Project Group Name**	**WBS Level 2 Number**	**WBS Level 2 Description**	**In-Service Date (year-month)**	**Capital Additions (July 1, 2019 - September 30, 2020)**	**XES Charges (Included in Column F)**	**Other Affiliate Charges (Included in Column F)**
81	Electric Transmission	ELR - Relay - SPS	A.0000401.048	TUCO N912 Relay Replacement	201905	23,692.68	3,238.60	-
82	Electric Transmission	ELR - Relay - SPS	A.0000401.049	Seven Rivers BPRO Upgrade	201903	(8,193.31)	-	-
83	Electric Transmission	ELR - Relay - SPS	A.0000401.050	East Plant 2K50 Relay Replacement	201912	648,069.85	6,272.92	-
84	Electric Transmission	**ELR - Relay - SPS Total**				**$ 1,291,205.20**	**$ 15,315.14**	**$ -**
85	Electric Transmission	Facility Upgrade Ancillary Equip	A.0001273.005	Facil UpgSub Ancillary Eq2016	202004	$ 447,842.13	$ -	$ -
86	Electric Transmission	Facility Upgrade Ancillary Equip	A.0001273.005	Facil UpgSub Ancillary Eq2016	201812	(394.82)	-	-
87	Electric Transmission	Facility Upgrade Ancillary Equip	A.0001273.008	V40 Switches and Jumpers at Carlisl	202004	9,072.72	2,093.90	-
88	Electric Transmission	Facility Upgrade Ancillary Equip	A.0001273.015	Deaf Smith Breaker 2K20 Replacement	201903	(22,959.44)	-	-
89	Electric Transmission	Facility Upgrade Ancillary Equip	A.0001273.016	Tolk Ground Grid Testing	202002	96.38	-	-
90	Electric Transmission	Facility Upgrade Ancillary Equip	A.0001273.020	Roosevelt Breaker 4K65 Replacement	201812	13,458.13	-	-
91	Electric Transmission	Facility Upgrade Ancillary Equip	A.0001369.001	Plant X Rpl Brkr Switch WT Sub	202002	4,743,970.26	2,644.95	-
92	Electric Transmission	**Facility Upgrade Ancillary Equip Total**				**$ 5,191,085.36**	**$ 4,738.85**	**$ -**
93	Electric Transmission	Fault Recorders - SPS	A.0000556.016	Oasis 230 115kV Fault Recorder	201911	$ 362,599.72	$ 2,400.95	$ -
94	Electric Transmission	**Fault Recorders - SPS Total**				**$ 362,599.72**	**$ 2,400.95**	**$ -**
95	Electric Transmission	GEN 2010-14 Novus Wind IV, 358.8 MW	A.0000537.001	Novus Wind IV - Hitchland Sub	201712	$ 202.29	$ -	$ -
96	Electric Transmission	**GEN 2010-14 Novus Wind IV, 358.8 MW Total**				**$ 202.29**	**$ -**	**$ -**
97	Electric Transmission	GEN 2011-022 (Firewheel)	A.0000706.001	Hitchland-New 345kV Terminal -	201710	$ 2,830.75	$ -	$ -
98	Electric Transmission	**GEN 2011-022 (Firewheel) Total**				**$ 2,830.75**	**$ -**	**$ -**
99	Electric Transmission	GEN 2012-020 Hale Co Wind, 478MW	A.0000902.001	Hale Co Wind 230kV Terminal at	201902	$ (42,276.62)	$ (16,193.43)	$ -
100	Electric Transmission	**GEN 2012-020 Hale Co Wind, 478MW Total**				**$ (42,276.62)**	**$ (16,193.43)**	**$ -**
101	Electric Transmission	GEN 2013 027 Blue Cloud Wind	A.0000736.001	Needmore Substation TOIF	201804	$ 21,612.85	$ -	$ -
102	Electric Transmission	GEN 2013 027 Blue Cloud Wind	A.0000736.002	Needmore Substation	201804	611,259.10	913.88	-
103	Electric Transmission	GEN 2013 027 Blue Cloud Wind	A.0000736.005	Tolk Needmore Retermination	201804	(81,846.85)	-	-
104	Electric Transmission	**GEN 2013 027 Blue Cloud Wind Total**				**$ 551,025.10**	**$ 913.88**	**$ -**
105	Electric Transmission	GEN 2014 040 Orion Wind	A.0001359.001	Castro Co Terminal Orion Wind	201610	$ 400,401.66	$ 1,175.26	$ -
106	Electric Transmission	**GEN 2014 040 Orion Wind Total**				**$ 400,401.66**	**$ 1,175.26**	**$ -**
107	Electric Transmission	Gen Upgrade Tolk X Reconductor	A.0000105.001	R27 Reconductor	201712	$ 8,400,683.67	$ -	$ -
108	Electric Transmission	Gen Upgrade Tolk X Reconductor	A.0000105.005	Tolk Terminal Upgrades	201803	(233,959.17)	-	-
109	Electric Transmission	Gen Upgrade Tolk X Reconductor	A.0000105.007	Plant X Terminal Upgrades TX	201803	(1,089,563.47)	-	-
110	Electric Transmission	Gen Upgrade Tolk X Reconductor	A.0000105.008	K45 Reconductor Transmission Portio	201803	(3,996,030.51)	6,942.78	-
111	Electric Transmission	**Gen Upgrade Tolk X Reconductor Total**				**$ 3,081,130.52**	**$ 6,942.78**	**$ -**

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	(A)	(I)	(J)	(K)	(L)	(M)
Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
81	Electric Transmission	3,238.60	20,454.08			
82	Electric Transmission	-	(8,193.31)			
83	Electric Transmission	6,272.92	641,796.93			
84	Electric Transmission	**$ 15,315.14**	**$ 1,275,890.06**	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**
85	Electric Transmission	$ -	$ 447,842.13			
86	Electric Transmission	-	(394.82)			
87	Electric Transmission	2,093.90	6,978.82			
88	Electric Transmission	-	(22,959.44)			
89	Electric Transmission	-	96.38			
90	Electric Transmission	-	13,458.13			
91	Electric Transmission	2,644.95	4,741,325.31			
92	Electric Transmission	**$ 4,738.85**	**$ 5,186,346.51**	This project provided for the replacement of failing switches, jumpers and other ancillary equipment. This work was done at several substations as part of a multi-year program to replace equipment that is obsolete, for which parts are no longer available, or require significant operations and maintenance spend to keep it in service.	**SPS Zonal**	**SR**
93	Electric Transmission	$ 2,400.95	$ 360,198.77			
94	Electric Transmission	**$ 2,400.95**	**$ 360,198.77**	This project installed fault recorders for disturbance monitoring at substations.	**SPS Zonal**	**OT**
95	Electric Transmission	$ -	$ 202.29			
96	Electric Transmission	**$ -**	**$ 202.29**	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**
97	Electric Transmission	$ -	$ 2,830.75			
98	Electric Transmission	**$ -**	**$ 2,830.75**	This project constructed a new 345-kV terminal at Hitchland Interchange to provide an interconnection point for a new wind farm.	**Customer Funded**	**GI**
99	Electric Transmission	$ (16,193.43)	$ (26,083.19)			
100	Electric Transmission	**$ (16,193.43)**	**$ (26,083.19)**	This project constructed a new 230-kV terminal at TUCO Interchange for the interconnection of the Hale County wind farm.	**Customer Funded**	**GI**
101	Electric Transmission	$ -	$ 21,612.85			
102	Electric Transmission	913.88	610,345.22			
103	Electric Transmission	-	(81,846.85)			
104	Electric Transmission	**$ 913.88**	**$ 550,111.22**	This project constructed the new 230-kV Needmore Switching Station to accommodate the new wind generation from Blue Cloud Wind.	**Customer Funded**	**GI**
105	Electric Transmission	$ 1,175.26	$ 399,226.40			
106	Electric Transmission	**$ 1,175.26**	**$ 399,226.40**	This project added a new 115-kV terminal for a wind farm interconnection.	**Customer Funded**	**GI**
107	Electric Transmission	$ -	$ 8,400,683.67			
108	Electric Transmission	-	(233,959.17)			
109	Electric Transmission	-	(1,089,563.47)			
110	Electric Transmission	6,942.78	(4,002,973.29)			
111	Electric Transmission	**$ 6,942.78**	**$ 3,074,187.74**	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**

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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) In-Service Date (year-month)	(F) Capital Additions (July 1, 2019 - September 30, 2020)	(G) XES Charges (Included in Column F)	(H) Other Affiliate Charges (Included in Column F)
112	Electric Transmission	GEN-2011-025 Fiber Wind	A.0000768.002	Crosby-Blanco Retermination-11	201803	$ (261,400.42)	$ -	$ -
113	Electric Transmission	**GEN-2011-025 Fiber Wind Total**				**$ (261,400.42)**	**$ -**	**$ -**
114	Electric Transmission	GEN-2015-014 Lost Draw Substation	A.0000350.001	Lost Draw Substation	201810	$ 1,261,411.31	$ 608.81	$ -
115	Electric Transmission	GEN-2015-014 Lost Draw Substation	A.0000350.002	Lost Draw TOIF	201810	271,299.35	-	-
116	Electric Transmission	GEN-2015-014 Lost Draw Substation	A.0000350.005	Lost Draw to Cochran Retermination	201810	(297,875.90)	-	-
117	Electric Transmission	GEN-2015-014 Lost Draw Substation	A.0000350.006	Lost Draw to Lea Co Plains Retermin	201810	(273,591.77)	-	-
118	Electric Transmission	GEN-2015-014 Lost Draw Substation	A.0000350.008	Lea County Plains 115kV Sub Term Up	201905	(203,556.11)	54.46	-
119	Electric Transmission	**GEN-2015-014 Lost Draw Substation Total**				**$ 757,686.88**	**$ 663.27**	**$ -**
120	Electric Transmission	Hillside - 2nd DCP 28MVA XFMR	A.0001024.001	Hillside, high side	201904	$ (156,740.85)	$ 1,380.48	$ -
121	Electric Transmission	Hillside - 2nd DCP 28MVA XFMR	A.0001024.002	Hillside, line	202005	(0.02)	-	-
122	Electric Transmission	Hillside - 2nd DCP 28MVA XFMR	A.0001024.008	U24 Reterm Hillside	201904	11,692.74	746.98	-
123	Electric Transmission	Hillside - 2nd DCP 28MVA XFMR	A.0001024.009	Outpost PLC Removal	202003	512,434.67	7,197.73	-
124	Electric Transmission	**Hillside - 2nd DCP 28MVA XFMR Total**				**$ 367,386.54**	**$ 9,325.19**	**$ -**
125	Electric Transmission	Hitchland II (Optima)	A.0000974.012	Optima Land	201807	$ (35,120.31)	$ (5,006.59)	$ -
126	Electric Transmission	**Hitchland II (Optima) Total**				**$ (35,120.31)**	**$ (5,006.59)**	**$ -**
127	Electric Transmission	Ink Basin Substation	A.0000481.001	ink basin substation	201905	$ 312,563.64	$ 26,854.94	$ -
128	Electric Transmission	Ink Basin Substation	A.0000481.002	New Ink Basin 230/115kV Transformer	201910	(0.06)	(1,441.33)	-
129	Electric Transmission	Ink Basin Substation	A.0000481.002	New Ink Basin 230/115kV Transformer	201906	350,004.55	4,082.23	-
130	Electric Transmission	Ink Basin Substation	A.0000481.004	V-80 Reterm In, Line	201905	(21,577.36)	38.66	-
131	Electric Transmission	Ink Basin Substation	A.0000481.005	V-80 Reterm Out, Line	201905	17,369.18	-	-
132	Electric Transmission	Ink Basin Substation	A.0000481.006	K-93 Reterm In, Line	201905	2,069.27	19.34	-
133	Electric Transmission	Ink Basin Substation	A.0000481.007	K-93 Reterm Out, Line	201905	(76,131.60)	33.78	-
134	Electric Transmission	Ink Basin Substation	A.0000481.008	Denver City Sub, V-80 Terminal Upgr	201904	(16,720.42)	53.92	-
135	Electric Transmission	Ink Basin Substation	A.0000481.009	Hobbs Generating Sub, K-93 Terminal	201905	(40,808.51)	125.57	-
136	Electric Transmission	Ink Basin Substation	A.0000481.010	Yoakum Co Intg, K-93 Terminal Upgra	201905	37,121.82	-	-
137	Electric Transmission	Ink Basin Substation	A.0000481.012	New 230/115kV Transformer	201812	119,005.16	1,276.39	-
138	Electric Transmission	**Ink Basin Substation Total**				**$ 682,895.67**	**$ 31,043.50**	**$ -**
139	Electric Transmission	Interconnection CVEC Mobile	A.0001390.001	Z08 Line CVEC Mobile Connect TOIF	202007	$ 475.67	$ 386.38	$ -
140	Electric Transmission	**Interconnection CVEC Mobile Total**				**$ 475.67**	**$ 386.38**	**$ -**
141	Electric Transmission	Interconnection Kemp GSEC RBEC	A.0001221.001	INST 3 1 Way SW KEMP	201904	$ (80,415.94)	$ (8,998.96)	$ -
142	Electric Transmission	Interconnection Kemp GSEC RBEC	A.0001221.002	INST Switch Xcel Portion	201910	416,686.54	11,024.20	-

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	(A)	(I)	(J)	(K)	(L)	(M)
Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
112	Electric Transmission	$ -	$ (261,400.42)			
113	Electric Transmission	**$ -**	**$ (261,400.42)**	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**
114	Electric Transmission	$ 608.81	$ 1,260,802.50			
115	Electric Transmission	-	271,299.35			
116	Electric Transmission	-	(297,875.90)			
117	Electric Transmission	-	(273,591.77)			
118	Electric Transmission	54.46	(203,610.57)			
119	Electric Transmission	**$ 663.27**	**$ 757,023.61**	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**
120	Electric Transmission	$ 1,380.48	$ (158,121.33)			
121	Electric Transmission	-	(0.02)			
122	Electric Transmission	746.98	10,945.76			
123	Electric Transmission	7,197.73	505,236.94			
124	Electric Transmission	**$ 9,325.19**	**$ 358,061.35**	This project reconfigured the 115-kV bus from a radial tap to an in-and-out arrangement and provided the 115-kV equipment to add a second 115/13.2-kV 28 MVA distribution transformer. This work was needed to provide addition capacity to serve new distribution loads in the southwest Amarillo area.	**SPS Zonal**	**LI**
125	Electric Transmission	$ (5,006.59)	$ (30,113.72)			
126	Electric Transmission	**$ (5,006.59)**	**$ (30,113.72)**	This project was to construct a 345-kV switching station in Texas County, Oklahoma, to provide a point of interconnection for a proposed large wind farm in the area. However, the wind farm failed to materialize, so the switching station was not needed. This project has been cancelled and the charges are in the process of being zeroed out.	**Customer Funded**	**TI**
127	Electric Transmission	$ 26,854.94	$ 285,708.70			
128	Electric Transmission	(1,441.33)	1,441.27			
129	Electric Transmission	4,082.23	345,922.32			
130	Electric Transmission	38.66	(21,616.02)			
131	Electric Transmission	-	17,369.18			
132	Electric Transmission	19.34	2,049.93			
133	Electric Transmission	33.78	(76,165.38)			
134	Electric Transmission	53.92	(16,774.34)			
135	Electric Transmission	125.57	(40,934.08)			
136	Electric Transmission	-	37,121.82			
137	Electric Transmission	1,276.39	117,728.77			
138	Electric Transmission	**$ 31,043.50**	**$ 651,852.17**	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**
139	Electric Transmission	$ 386.38	$ 89.29			
140	Electric Transmission	**$ 386.38**	**$ 89.29**	This project constructed facilities to connect Central Valley Electric Co-op's (CVEC) mobile substation to the SPS transmission line Z08 at their Dexter substation. This project allowed CVEC to maintain service to their customers while they performed work on their substation. CVEC will reimburse SPS 100% of the cost of this work.	**Customer Funded**	**OT**
141	Electric Transmission	$ (8,998.96)	$ (71,416.98)			
142	Electric Transmission	11,024.20	405,662.34			

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	**Asset Class**	**WBS Level 1 Project Group Name**	**WBS Level 2 Number**	**WBS Level 2 Description**	**In-Service Date (year-month)**	**Capital Additions (July 1, 2019 - September 30, 2020)**	**XES Charges (Included in Column F)**	**Other Affiliate Charges (Included in Column F)**
143	Electric Transmission	**Interconnection Kemp GSEC RBEC Total**				**$ 336,270.60**	**$ 2,025.24**	**$ -**
144	Electric Transmission	Interconnection Lucid RR Plant	A.0001002.001	115kV N loving Sub TOIF Lucid Porti	201711	$ 5,082.90	$ -	$ -
145	Electric Transmission	Interconnection Lucid RR Plant	A.0001002.002	115kV N loving Sub Ter Upg Xcel Por	201710	249.66	-	-
146	Electric Transmission	**Interconnection Lucid RR Plant Total**				**$ 5,332.56**	**$ -**	**$ -**
147	Electric Transmission	Interconnection Matador	A.0001156.001	Int 1 Way 115kV Switch Tap	201809	$ 14,959.51	$ 672.81	$ -
148	Electric Transmission	**Interconnection Matador Total**				**$ 14,959.51**	**$ 672.81**	**$ -**
149	Electric Transmission	Interconnection Milwaukee	A.0001079.001	Inst 115kV Quincy Sw Station TOIF P	201904	$ 294,442.45	$ 2,835.04	$ -
150	Electric Transmission	Interconnection Milwaukee	A.0001079.002	Inst 115kV Quincy Sw Station Xcel P	201904	891,186.15	36,569.44	-
151	Electric Transmission	Interconnection Milwaukee	A.0001079.004	Frankford Substation Relay Replacem	201904	68,251.31	56.03	-
152	Electric Transmission	Interconnection Milwaukee	A.0001079.006	Murphy Substation Relay Replacement	201904	22,278.58	349.13	-
153	Electric Transmission	Interconnection Milwaukee	A.0001079.009	U21 MURP QUIN 115kV Line	201904	456.00	-	-
154	Electric Transmission	Interconnection Milwaukee	A.0001079.010	U22 FRFD QUIN 115kV Line	201904	1,653.38	-	-
155	Electric Transmission	Interconnection Milwaukee	A.0001079.011	Quincy Land	202009	508,550.54	1,755.62	-
156	Electric Transmission	**Interconnection Milwaukee Total**				**$ 1,786,818.41**	**$ 41,565.26**	**$ -**
157	Electric Transmission	Interconnection Sendero	A.0001076.002	Sendero Install TOIF	201807	$ (3,532.19)	$ -	$ -
158	Electric Transmission	**Interconnection Sendero Total**				**$ (3,532.19)**	**$ -**	**$ -**
159	Electric Transmission	Interconnection Tall Cotton Johnson Draw	A.0001227.001	NW LCEC 115kV Term JODW	201909	$ 1,073,230.41	$ 7,826.34	$ -
160	Electric Transmission	Interconnection Tall Cotton Johnson Draw	A.0001227.002	NW LCEC 115kV TERM JODW TOIF	201909	371,591.83	2,069.94	-
161	Electric Transmission	**Interconnection Tall Cotton Johnson Draw Total**				**$ 1,444,822.24**	**$ 9,896.28**	**$ -**
162	Electric Transmission	Interconnection WIPP	A.0001106.001	WIPP W38 Structure Relocate	201806	$ (86,819.00)	$ -	$ -
163	Electric Transmission	**Interconnection WIPP Total**				**$ (86,819.00)**	**$ -**	**$ -**
164	Electric Transmission	Interconnection XTO BEU	A.0001384.002	Inst W76 115KV 2-1 Wy Sw_XCEL PORT	202009	$ 1,040,501.78	$ 16,792.02	$ -
165	Electric Transmission	**Interconnection XTO BEU Total**				**$ 1,040,501.78**	**$ 16,792.02**	**$ -**
166	Electric Transmission	Interconnection XTO Cornell	A.0000888.002	XTO Tap 3 Way Switch Transmission	201911	$ 888,603.10	$ 20,563.80	$ -
167	Electric Transmission	**Interconnection XTO Cornell Total**				**$ 888,603.10**	**$ 20,563.80**	**$ -**
168	Electric Transmission	Interconnection XTO DI#9	A.0001126.001	Inst Temp Switch Reimb TOIF	201808	$ 248,448.82	$ -	$ -
169	Electric Transmission	Interconnection XTO DI#9	A.0001126.002	Inst 3 1 Way 115kV Switch	201811	11,277.40	-	294.60
170	Electric Transmission	**Interconnection XTO DI#9 Total**				**$ 259,726.22**	**$ -**	**$ 294.60**
171	Electric Transmission	Interconnection XTO Mahoney	A.0001008.001	Inst 230kV Sw Station TOIFPortion	201903	$ 7,076.11	$ 3,502.61	$ -

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Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
143	Electric Transmission	**$ 2,025.24**	**$ 334,245.36**	This project installed three new 115-kV switches on SPS's transmission line T-47 to provide 115-kV service to Rita Blanca Electric Cooperative's new Kemp delivery point.	**SPS Zonal/Customer Funded**	**LI**
144	Electric Transmission	$ -	$ 5,082.90			
145	Electric Transmission	-	249.66			
146	Electric Transmission	**$ -**	**$ 5,332.56**	This project constructed a new 115-kV terminal at North Loving Substation to provide an interconnection point for a new customer-owned line to serve their 40 MW load.	**SPS Zonal/Customer Funded**	**LI**
147	Electric Transmission	$ 672.81	$ 14,286.70			
148	Electric Transmission	**$ 672.81**	**$ 14,286.70**	This project provided a 115-kV service point to the Matador natural gas processing plant located near Loving, New Mexico.	**SPS Zonal**	**LI**
149	Electric Transmission	$ 2,835.04	$ 291,607.41			
150	Electric Transmission	36,569.44	854,616.71			
151	Electric Transmission	56.03	68,195.28			
152	Electric Transmission	349.13	21,929.45			
153	Electric Transmission	-	456.00			
154	Electric Transmission	-	1,653.38			
155	Electric Transmission	1,755.62	506,794.92			
156	Electric Transmission	**$ 41,565.26**	**$ 1,745,253.15**	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**
157	Electric Transmission	$ -	$ (3,532.19)			
158	Electric Transmission	**$ -**	**$ (3,532.19)**	This project installed a three-way switch to provide a 115-kV service point to the Sendero natural gas processing plant located near Loving, New Mexico.	**SPS Zonal**	**LI**
159	Electric Transmission	$ 7,826.34	$ 1,065,404.07			
160	Electric Transmission	2,069.94	369,521.89			
161	Electric Transmission	**$ 9,896.28**	**$ 1,434,925.96**	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**
162	Electric Transmission	$ -	$ (86,819.00)			
163	Electric Transmission	**$ -**	**$ (86,819.00)**	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**
164	Electric Transmission	$ 16,792.02	$ 1,023,709.76			
165	Electric Transmission	**$ 16,792.02**	**$ 1,023,709.76**	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**
166	Electric Transmission	$ 20,563.80	$ 868,039.30			
167	Electric Transmission	**$ 20,563.80**	**$ 868,039.30**	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**
168	Electric Transmission	$ -	$ 248,448.82			
169	Electric Transmission	294.60	10,982.80			
170	Electric Transmission	**$ 294.60**	**$ 259,431.62**	This project installed three, one-way switches on transmission line U08 to provide a new 115-kV service point to XTO Energy located east of Loving, New Mexico. The customer paid for a portion of this project.	**SPS Zonal/Customer Funded**	**LI**
171	Electric Transmission	$ 3,502.61	$ 3,573.50			

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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) In-Service Date (year-month)	(F) Capital Additions (July 1, 2019 - September 30, 2020)	(G) XES Charges (Included in Column F)	(H) Other Affiliate Charges (Included in Column F)
172	Electric Transmission	Interconnection XTO Mahoney	A.0001008.002	Inst 230kV Sw Station XcelPortion	201903	115,029.30	2,222.36	-
173	Electric Transmission	Interconnection XTO Mahoney	A.0001008.005	AWOR Relay Upgrade Sub	201903	2,970.05	-	-
174	Electric Transmission	Interconnection XTO Mahoney	A.0001008.006	BRU Relay Upgrade Sub	201903	(1,168.30)	-	-
175	Electric Transmission	Interconnection XTO Mahoney	A.0001008.009	R11 230kV BRU Mahoney TLINE	201903	6,719.60	1,198.79	-
176	Electric Transmission	Interconnection XTO Mahoney	A.0001008.010	R12 230kV AWOR Mahoney TLINE	201903	4,495.02	-	-
177	Electric Transmission	**Interconnection XTO Mahoney Total**				**$ 135,121.78**	**$ 6,923.76**	**$ -**
178	Electric Transmission	Interconnection XTO Poker Cowboy Phase 1	A.0001215.001	Inst W39 Switch Poker Cowboy Temp	201906	$ (716,946.46)	$ 4,781.37	$ -
179	Electric Transmission	**Interconnection XTO Poker Cowboy Phase 1 Total**				**$ (716,946.46)**	**$ 4,781.37**	**$ -**
180	Electric Transmission	Interconnection Yuma	A.0001399.001	Yuma CT/PT Metering	202009	$ 102,505.36	$ 11,611.77	$ -
181	Electric Transmission	**Interconnection Yuma Total**				**$ 102,505.36**	**$ 11,611.77**	**$ -**
182	Electric Transmission	Jones 4 Mustang 6-Quay IA	A.0000621.005	Lubbock So-Repl Switches 6951&	201407	$ 1,987.39	$ -	$ -
183	Electric Transmission	**Jones 4 Mustang 6-Quay IA Total**				**$ 1,987.39**	**$ -**	**$ -**
184	Electric Transmission	K32 Terminal Upgrades Potter & Harrington	A.0000482.001	k32 terminal upgrades potter & harr	201905	$ 14,526.81	$ 6,855.15	$ -
185	Electric Transmission	K32 Terminal Upgrades Potter & Harrington	A.0000482.002	Potter Co, K32 Terminal Upgrade to	201905	13,959.23	2,209.74	-
186	Electric Transmission	**K32 Terminal Upgrades Potter & Harrington Total**				**$ 28,486.04**	**$ 9,064.89**	**$ -**
187	Electric Transmission	K62 Nichols - Amarillo South Terminal Upgrade	A.0001028.001	Upgr Nichols 230kV (K62) Term to Am	202004	$ 85,726.47	$ 8,523.31	$ -
188	Electric Transmission	**K62 Nichols - Amarillo South Terminal Upgrade Total**				**$ 85,726.47**	**$ 8,523.31**	**$ -**
189	Electric Transmission	Lea Co Plains Sw Cap Bank	A.0001283.001	Lea Co. Plains Sw. Cap Bank	201804	$ 16,228.92	$ 36.18	$ -
190	Electric Transmission	Lea Co Plains Sw Cap Bank	A.0001283.004	Lea Plains Metering	201805	(27,458.55)	-	-
191	Electric Transmission	**Lea Co Plains Sw Cap Bank Total**				**$ (11,229.63)**	**$ 36.18**	**$ -**
192	Electric Transmission	Line ELR SPS	A.0000499.011	SPS ELR 115kV NM 2016	201805	$ (34,854.29)	$ -	$ -
193	Electric Transmission	Line ELR SPS	A.0000499.011	SPS ELR 115kV NM 2016	201903	(667.95)	-	-
194	Electric Transmission	Line ELR SPS	A.0000499.012	SPS ELR 69kV TX 2016	201711	(2,619.07)	-	-
195	Electric Transmission	Line ELR SPS	A.0000499.012	SPS ELR 69kV TX 2016	202006	1,637,215.99	-	-
196	Electric Transmission	Line ELR SPS	A.0000499.012	SPS ELR 69kV TX 2016	202003	233.40	-	-
197	Electric Transmission	Line ELR SPS	A.0000499.013	SPS ELR 115kV TX 2016	201805	(58,031.68)	-	-
198	Electric Transmission	Line ELR SPS	A.0000499.013	SPS ELR 115kV TX 2016	201903	(0.07)	-	-
199	Electric Transmission	Line ELR SPS	A.0000499.013	SPS ELR 115kV TX 2016	201910	1,315,869.57	-	-
200	Electric Transmission	Line ELR SPS	A.0000499.013	SPS ELR 115kV TX 2016	202004	797,894.99	3,702.27	-
201	Electric Transmission	Line ELR SPS	A.0000499.015	SPS 230kV ELR TX 2016	201912	4,019,639.15	748.02	-
202	Electric Transmission	Line ELR SPS	A.0000499.019	J14 ELR Maintenance	201910	2,405,376.69	-	-
203	Electric Transmission	Line ELR SPS	A.0000499.020	Z05 ELR Maintenance	201906	(182,899.79)	-	-
204	Electric Transmission	Line ELR SPS	A.0000499.026	Z50.1 Retire	201912	162.30	(88,037.03)	-
205	Electric Transmission	Line ELR SPS	A.0000499.027	Y79 ELR Maintanence	201912	731,850.30	-	-
206	Electric Transmission	Line ELR SPS	A.0000499.029	Z65 ELR Maintenance	202009	659,859.95	-	-
207	Electric Transmission	Line ELR SPS	A.0000499.030	Z36 ELR Maintenance	202006	101,112.67	2,260.69	-
208	Electric Transmission	Line ELR SPS	A.0000499.031	T68 ELR Maintenance	202006	288,283.88	3,116.67	-

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Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
172	Electric Transmission	2,222.36	112,806.94			
173	Electric Transmission	-	2,970.05			
174	Electric Transmission	-	(1,168.30)			
175	Electric Transmission	1,198.79	5,520.81			
176	Electric Transmission	-	4,495.02			
177	Electric Transmission	**$ 6,923.76**	**$ 128,198.02**	This project installed the new Mahoney Switching Station to provide a new 230-kV service point to XTO. The customer paid for a portion of this project.	**SPS Zonal/Customer Funded**	**LI**
178	Electric Transmission	$ 4,781.37	$ (721,727.83)			
179	Electric Transmission	**$ 4,781.37**	**$ (721,727.83)**	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**
180	Electric Transmission	$ 11,611.77	$ 90,893.59			
181	Electric Transmission	**$ 11,611.77**	**$ 90,893.59**	This project installed 115-kV metering equipment, protective relaying and associated equipment at Yuma Interchange to accommodate the addition of a second South Plains Electric Cooperative 115/69-kV transformer at this station.	**SPS Zonal**	**LI**
182	Electric Transmission	$ -	$ 1,987.39			
183	Electric Transmission	**$ -**	**$ 1,987.39**	This project constructed various network upgrades for interconnection that were required in the respective interconnection agreements for these generators.	**Customer Funded**	**GI**
184	Electric Transmission	$ 6,855.15	$ 7,671.66			
185	Electric Transmission	2,209.74	11,749.49			
186	Electric Transmission	**$ 9,064.89**	**$ 19,421.15**	This project replaced the line terminal equipment for 230-kV line K-32 at Harrington Station and Potter County Interchange. This work was needed to comply with an NTC from SPP requiring a minimum summer emergency rating of 547 MVA for the line and terminals. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
187	Electric Transmission	$ 8,523.31	$ 77,203.16			
188	Electric Transmission	**$ 8,523.31**	**$ 77,203.16**	This project upgraded the existing K62 substation terminal elements at Nichols Station to achieve a summer emergency rating of 547 MVA per SPP. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
189	Electric Transmission	$ 36.18	$ 16,192.74			
190	Electric Transmission	-	(27,458.55)			
191	Electric Transmission	**$ 36.18**	**$ (11,265.81)**	This project installed a 14.4 MVAr capacitor bank. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
192	Electric Transmission	$ -	$ (34,854.29)			
193	Electric Transmission	-	(667.95)			
194	Electric Transmission	-	(2,619.07)			
195	Electric Transmission	-	1,637,215.99			
196	Electric Transmission	-	233.40			
197	Electric Transmission	-	(58,031.68)			
198	Electric Transmission	-	(0.07)			
199	Electric Transmission	-	1,315,869.57			
200	Electric Transmission	3,702.27	794,192.72			
201	Electric Transmission	748.02	4,018,891.13			
202	Electric Transmission	-	2,405,376.69			
203	Electric Transmission	-	(182,899.79)			
204	Electric Transmission	(88,037.03)	88,199.33			
205	Electric Transmission	-	731,850.30			
206	Electric Transmission	-	659,859.95			
207	Electric Transmission	2,260.69	98,851.98			
208	Electric Transmission	3,116.67	285,167.21			

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	In-Service Date (year-month)	Capital Additions (July 1, 2019 - September 30, 2020)	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)
209	Electric Transmission	Line ELR SPS	A.0000499.033	T78 Str Rpl	202006	371,587.18	202.68	-
210	Electric Transmission	Line ELR SPS	A.0000499.052	T52 Str Rpl	202006	488,864.27	-	-
211	Electric Transmission	**Line ELR SPS Total**				**$ 12,538,877.49**	**$ (78,006.70)**	**$ -**
212	Electric Transmission	LP L Relay Upgrades	A.0001067.001	Lubbock East K57 Relay Upgrade	201901	$ 733.49	$ -	$ -
213	Electric Transmission	LP L Relay Upgrades	A.0001067.004	Lubbock South K64 Relay Upgrade	201810	(714.01)	-	-
214	Electric Transmission	**LP L Relay Upgrades Total**				**$ 19.48**	**$ -**	**$ -**
215	Electric Transmission	Lubbock S.-Allen Terminal Upgrades	A.0000484.001	Lubbock S. Sub, Allen Term	201905	$ 25,374.73	$ 114.63	$ -
216	Electric Transmission	Lubbock S.-Allen Terminal Upgrades	A.0000484.002	Allen Sub, Lubbock S. Term	201905	26,547.22	95.31	-
217	Electric Transmission	**Lubbock S.-Allen Terminal Upgrades Total**				**$ 51,921.95**	**$ 209.94**	**$ -**
218	Electric Transmission	Lynn Co. 115/69 Xfmr #1 Upgrade	A.0001284.001	Lynn Co 115/69 Xfmr #1 Upgrade	201905	$ 33,965.94	$ -	$ -
219	Electric Transmission	Lynn Co. 115/69 Xfmr #1 Upgrade	A.0001284.001	Lynn Co 115/69 Xfmr #1 Upgrade	201905	(11,469.98)	172.75	-
220	Electric Transmission	Lynn Co. 115/69 Xfmr #1 Upgrade	A.0001284.001	Lynn Co 115/69 Xfmr #1 Upgrade	201910	(0.60)	-	-
221	Electric Transmission	Lynn Co. 115/69 Xfmr #1 Upgrade	A.0001284.003	Lynn Co 69kV Bkr 7740	201905	1,806.29	-	-
222	Electric Transmission	**Lynn Co. 115/69 Xfmr #1 Upgrade Total**				**$ 24,301.65**	**$ 172.75**	**$ -**
223	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line	A.0001030.002	Mustang - Seminole ROW	201912	$ 796,829.81	$ 100,286.13	$ -
224	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line	A.0001030.002	Mustang - Seminole ROW	202009	176,068.07	2,214.19	-
225	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line	A.0001030.010	U01 1 U01 14 Circuit DC with U25	202004	847,861.47	2,709.88	-
226	Electric Transmission	**Mustang - Seminole 115kV Ckt1 New Line Total**				**$ 1,820,759.35**	**$ 105,210.20**	**$ -**
227	Electric Transmission	Mustang-Shell CO2 115kV Line	A.0000979.001	115Line Mustang-Shell Trans Po	201904	$ 146,622.91	$ 17,257.93	$ -
228	Electric Transmission	Mustang-Shell CO2 115kV Line	A.0000979.002	Denver City -Shell Reterm Tran	201904	(21,525.21)	-	-
229	Electric Transmission	Mustang-Shell CO2 115kV Line	A.0000979.003	Yoakum-Shell Reterm Tran Porti	201904	(20,788.59)	-	-
230	Electric Transmission	Mustang-Shell CO2 115kV Line	A.0000979.005	Yoakum Relay upgrade Sub Porti	201912	869,510.04	3,132.52	-
231	Electric Transmission	Mustang-Shell CO2 115kV Line	A.0000979.007	Mustang Sub Sub Portion Sub	201904	132,079.71	16,953.41	-
232	Electric Transmission	Mustang-Shell CO2 115kV Line	A.0000979.008	Relay Upg - DVCY Shell Term	201910	619,234.79	2,595.67	-
233	Electric Transmission	Mustang-Shell CO2 115kV Line	A.0000979.010	Shell Substation Sub Portion	201904	261,416.20	13,636.29	-
234	Electric Transmission	Mustang-Shell CO2 115kV Line	A.0000979.011	K56 Structure Raise	201811	(19,518.96)	-	-
235	Electric Transmission	**Mustang-Shell CO2 115kV Line Total**				**$ 1,967,030.89**	**$ 53,575.82**	**$ -**
236	Electric Transmission	NE Hereford to New Center St. 115 kV Line	A.0000296.005	NE Hereford to New Center St.	201804	$ 7,738.14	$ (34,215.55)	$ -
237	Electric Transmission	NE Hereford to New Center St. 115 kV Line	A.0000296.006	New Centre St 115kV Sub	201804	(54,329.67)	-	-

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Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
209	Electric Transmission	202.68	371,384.50			
210	Electric Transmission	-	488,864.27			
211	Electric Transmission	**$ (78,006.70)**	**$ 12,616,884.19**	The term "ELR" stands for End of Life Replacement. This project provided for improvement work on transmission lines to address high priority capital defects, such as defective wood poles and cross arms, that were discovered through 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**
212	Electric Transmission	$ -	$ 733.49			
213	Electric Transmission	-	(714.01)			
214	Electric Transmission	**$ -**	**$ 19.48**	This project upgraded the line protection relays, breaker controls and communication architecture at SPS's Lubbock East and Lubbock South Interchanges on the terminals providing 230-kV service to Lubbock Power and Light (LP&L).	**SPS Zonal**	**SR**
215	Electric Transmission	$ 114.63	$ 25,260.10			
216	Electric Transmission	95.31	26,451.91			
217	Electric Transmission	**$ 209.94**	**$ 51,712.01**	This project upgraded the limiting equipment on the 115-kV line and related substation terminals from Lubbock South Interchange to Allen Substation. The SPP NTC required a minimum summer emergency rating of 174 MVA for this line and the substation terminals. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
218	Electric Transmission	$ -	$ 33,965.94			
219	Electric Transmission	172.75	(11,642.73)			
220	Electric Transmission	-	(0.60)			
221	Electric Transmission	-	1,806.29			
222	Electric Transmission	**$ 172.75**	**$ 24,128.90**	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**
223	Electric Transmission	$ 100,286.13	$ 696,543.68			
224	Electric Transmission	2,214.19	173,853.88			
225	Electric Transmission	2,709.88	845,151.59			
226	Electric Transmission	**$ 105,210.20**	**$ 1,715,549.15**	This project installed a 17-mile, 115-kV line and new substation 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**
227	Electric Transmission	$ 17,257.93	$ 129,364.98			
228	Electric Transmission	-	(21,525.21)			
229	Electric Transmission	-	(20,788.59)			
230	Electric Transmission	3,132.52	866,377.52			
231	Electric Transmission	16,953.41	115,126.30			
232	Electric Transmission	2,595.67	616,639.12			
233	Electric Transmission	13,636.29	247,779.91			
234	Electric Transmission	-	(19,518.96)			
235	Electric Transmission	**$ 53,575.82**	**$ 1,913,455.07**	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**
236	Electric Transmission	$ (34,215.55)	$ 41,953.69			
237	Electric Transmission	-	(54,329.67)			

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238	Electric Transmission	NE Hereford to New Center St. 115 kV Line	A.0000296.008	NE Hereford Sub	201804	3,299.39	-	-
239	Electric Transmission	**NE Hereford to New Center St. 115 kV Line Total**				**$ (43,292.14)**	**$ (34,215.55)**	**$ -**
240	Electric Transmission	Needmore UPLC Upgrades	A.0001078.001	Yoakum UPLC Upgrade	201805	$ 42,857.88	$ -	$ -
241	Electric Transmission	**Needmore UPLC Upgrades Total**				**$ 42,857.88**	**$ -**	**$ -**
242	Electric Transmission	NEF Targa Reconductor	A.0001285.001	NEF-Targa Reconductor	201902	$ 108,583.79	$ 14.76	$ -
243	Electric Transmission	**NEF Targa Reconductor Total**				**$ 108,583.79**	**$ 14.76**	**$ -**
244	Electric Transmission	NERC TPL Relay Improvements	A.0001059.004	Eddy County 4950 Relay Upgrade TPL	202003	$ 768,977.50	$ 8,515.63	$ -
245	Electric Transmission	NERC TPL Relay Improvements	A.0001059.005	Roswell 4910 Relay Upgrade TPL	201904	14,017.81	70.35	-
246	Electric Transmission	**NERC TPL Relay Improvements Total**				**$ 782,995.31**	**$ 8,585.98**	**$ -**
247	Electric Transmission	OPIE 2 China Draw-Wood Draw 115kV_PID 30825	A.0000424.099	China Draw-Wood Draw 115kV Lin	202008	$ 1,198,517.01	$ -	$ -
248	Electric Transmission	OPIE 2 China Draw-Wood Draw 115kV_PID 30825	A.0000424.177	Hopi Breaker Install Pecos Ter	201711	1,566.23	-	-
249	Electric Transmission	**OPIE 2 China Draw-Wood Draw 115kV_PID 30825 Total**				**$ 1,200,083.24**	**$ -**	**$ -**
250	Electric Transmission	OPIE 2 China Draw-Yeso Hills 115kV_PID 30675	A.0000424.033	ChinaDraw 115kV Sub Y Hill Ter	201905	$ 34,102.56	$ 359.90	$ -
251	Electric Transmission	OPIE 2 China Draw-Yeso Hills 115kV_PID 30675	A.0000424.231	W87 China Draw Chevron Tap 115kV Li	201905	95,847.88	(9,401.67)	-
252	Electric Transmission	OPIE 2 China Draw-Yeso Hills 115kV_PID 30675	A.0000424.256	Chevron Hayhurst Metering	201905	49,736.61	-	-
253	Electric Transmission	**OPIE 2 China Draw-Yeso Hills 115kV_PID 30675 Total**				**$ 179,687.05**	**$ (9,041.77)**	**$ -**
254	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.109	Kiowa-Eddy Co 345kV ROW	201909	$ 30,542.18	$ 5,661.73	$ -
255	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.109	Kiowa-Eddy Co 345kV ROW	201909	890,403.04	-	-
256	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.110	Eddy Co 345kV Sub Land	201906	(27,307.92)	(7,307.70)	-
257	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.110	Eddy Co 345kV Sub Land	202004	102,075.74	7,910.34	-
258	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.115	J02 Tolk Re-Term Line	201911	0.01	(5,368.02)	-
259	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.242	J14 Eddy Reterm Line	202005	228,887.23	37,680.76	-
260	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.265	K23 Structure Raise	201907	115,667.40	-	-
261	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.274	K23 Term Str Replacement	202002	165,200.86	34,711.48	-

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	(A)	(I)	(J)	(K)	(L)	(M)
Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
238	Electric Transmission	-	3,299.39			
239	Electric Transmission	**$ (34,215.55)**	**$ (9,076.59)**	This project constructed a new 115-kV line from Northeast Hereford Interchange to a new distribution substation named New Center St. (La Plata) to allow the 69-kV substation to be removed from the 69-kV Hereford Loop. This allowed the Hereford Interchange and the Northeast Hereford Interchange 115/69-kV transformers to stay under their ratings. This project was needed for system reliability. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
240	Electric Transmission	$ -	$ 42,857.88			
241	Electric Transmission	**$ -**	**$ 42,857.88**	This project replaced the Under frequency Protective Line Carrier (UPLC) systems at Needmore, Yoakum, and Tolk substations to the current standard for this relay communication system.	**SPS Zonal**	**SR**
242	Electric Transmission	$ 14.76	$ 108,569.03			
243	Electric Transmission	**$ 14.76**	**$ 108,569.03**	This project re-conductored the 6.6-mile, 115-kV transmission circuit running from NEF Substation to the Targa Substation tap. This project was needed to eliminate the overloading of this segment during certain system conditions. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
244	Electric Transmission	$ 8,515.63	$ 760,461.87			
245	Electric Transmission	70.35	13,947.46			
246	Electric Transmission	**$ 8,585.98**	**$ 774,409.33**	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**
247	Electric Transmission	$ -	$ 1,198,517.01			
248	Electric Transmission	-	1,566.23			
249	Electric Transmission	**$ -**	**$ 1,200,083.24**	This project constructed a 115-kV line between China Draw and Wood Draw to loop the 115-kV transmission system. This line is south of Carlsbad, New Mexico. This project was needed for system reliability and SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
250	Electric Transmission	$ 359.90	$ 33,742.66			
251	Electric Transmission	(9,401.67)	105,249.55			
252	Electric Transmission	-	49,736.61			
253	Electric Transmission	**$ (9,041.77)**	**$ 188,728.82**	When approved, this project was to construct a 19-mile, radial 115-kV line from China Draw sub to the new Yeso Hills substation west of China Draw for service to developing loads. SPP issued SPS an NTC for that project. However, restrictions on the development in this area were discovered, making oil and gas development in this area not feasible at this time. Also during this time, a customer requested 115-kV service from this line for a new load. The final project scope constructed four miles of 115-kV line to provide service to the customer and the remaining line and substation are not planned to be built.	**SPP Base Plan**	**RE**
254	Electric Transmission	$ 5,661.73	$ 24,880.45			
255	Electric Transmission	-	890,403.04			
256	Electric Transmission	(7,307.70)	(20,000.22)			
257	Electric Transmission	7,910.34	94,165.40			
258	Electric Transmission	(5,368.02)	5,368.03			
259	Electric Transmission	37,680.76	191,206.47			
260	Electric Transmission	-	115,667.40			
261	Electric Transmission	34,711.48	130,489.38			

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	**Asset Class**	**WBS Level 1 Project Group Name**	**WBS Level 2 Number**	**WBS Level 2 Description**	**In-Service Date (year-month)**	**Capital Additions (July 1, 2019 - September 30, 2020)**	**XES Charges (Included in Column F)**	**Other Affiliate Charges (Included in Column F)**
262	Electric Transmission	**OPIE 2 Kiowa-Eddy Co 345kV Total**				**$ 1,505,468.54**	**$ 73,288.59**	**$ -**
263	Electric Transmission	OPIE 2 Kiowa-Road Runner 345kV Conv_PID 30639	A.0000424.088	Kiowa-Road Runner 345kV Line_U	201804	$ 5,308.57	$ (11,921.51)	$ -
264	Electric Transmission	OPIE 2 Kiowa-Road Runner 345kV Conv_PID 30639	A.0000424.088	Kiowa-Road Runner 345kV Line_U	202001	(324.47)	-	-
265	Electric Transmission	OPIE 2 Kiowa-Road Runner 345kV Conv_PID 30639	A.0000424.093	Road Runner Sub 345kV Conv_UID	201804	14,321.82	-	-
266	Electric Transmission	OPIE 2 Kiowa-Road Runner 345kV Conv_PID 30639	A.0000424.095	Road Runner Sub Xfmr 345kV_UID	201804	87,925.67	377.67	-
267	Electric Transmission	OPIE 2 Kiowa-Road Runner 345kV Conv_PID 30639	A.0002049.001	Potash Sub 115 kV Terminal Sub	201804	(140,218.64)	-	-
268	Electric Transmission	**OPIE 2 Kiowa-Road Runner 345kV Conv_PID 30639 Total**				**$ (32,987.05)**	**$ (11,543.84)**	**$ -**
269	Electric Transmission	OPIE 2 Livingston Ridge-Cardinal 115kV_PID 30695	A.0000424.058	T38 Potash Re-Term_UID 50924	201711	$ 8,128.67	$ -	$ -
270	Electric Transmission	OPIE 2 Livingston Ridge-Cardinal 115kV_PID 30695	A.0000424.068	L Ridge Sub 115kV Conv/S Brush	201711	(4,656.23)	-	-
271	Electric Transmission	OPIE 2 Livingston Ridge-Cardinal 115kV_PID 30695	A.0000424.070	Potash Sub Rly Mods Livingston	201711	(23,497.45)	-	-
272	Electric Transmission	**OPIE 2 Livingston Ridge-Cardinal 115kV_PID 30695 Total**				**$ (20,025.01)**	**$ -**	**$ -**
273	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV_PID 30638	A.0000424.085	Kiowa-North Loving 345kV Line_	201805	$ 890,622.75	$ -	$ -
274	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV_PID 30638	A.0000424.087	N Loving-China Draw 345kV Line	201805	62,635.96	(28,590.15)	-
275	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV_PID 30638	A.0000424.163	N Loving Sub Kiowa/C Draw Term	201805	(4,845.59)	96.82	-
276	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV_PID 30638	A.0000424.165	N Loving Sub Xfmr 345kV/115kV_	201805	46,373.11	3,343.92	-
277	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV_PID 30638	A.0000424.167	C Draw 345kV Sub N Loving Term	201805	63.92	56.03	-
278	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV_PID 30638	A.0000424.169	C Draw Sub Xmfr 345kV/115kV_UI	201805	3,261.02	-	-
279	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV_PID 30638	A.0000424.169	C Draw Sub Xmfr 345kV/115kV_UI	201908	64.82	-	-
280	Electric Transmission	**OPIE 3 Kiowa-China Draw 345kV_PID 30638 Total**				**$ 998,175.99**	**$ (25,093.38)**	**$ -**
281	Electric Transmission	OPIE 3 Malaga Bend	A.0001214.005	U26 LS Malaga 115kV ROW	201911	$ 1,076,667.96	$ 134,028.12	$ -
282	Electric Transmission	**OPIE 3 Malaga Bend Total**				**$ 1,076,667.96**	**$ 134,028.12**	**$ -**
283	Electric Transmission	OPIE 3 Roadrunner 115/25kV Expansion	A.0000424.237	Roadrunner 115kV Bus Expansion	201908	$ 3,547,934.36	$ 16,142.82	$ -
284	Electric Transmission	**OPIE 3 Roadrunner 115/25kV Expansion Total**				**$ 3,547,934.36**	**$ 16,142.82**	**$ -**
285	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.005	OPIE PhantomU28retermROW Phan to Re	202008	$ 1,100.86	$ 252.79	$ -
286	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.007	OPIE Phantom Sub Land	201912	296,449.09	5,121.86	-
287	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.009	OPIE Phantom Roadrunner 345 ROW	202003	1,470,681.75	34,480.37	-

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	(A)	(I)	(J)	(K)	(L)	(M)
Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
262	Electric Transmission	**$ 73,288.59**	**$ 1,432,179.95**	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.	**SPS Zonal**	**RE**
263	Electric Transmission	$ (11,921.51)	$ 17,230.08			
264	Electric Transmission	-	(324.47)			
265	Electric Transmission	-	14,321.82			
266	Electric Transmission	377.67	87,548.00			
267	Electric Transmission	-	(140,218.64)			
268	Electric Transmission	**$ (11,543.84)**	**$ (21,443.21)**	This project installed new 345/115-kV transformers at the Kiowa and Roadrunner substations, 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**
269	Electric Transmission	$ -	$ 8,128.67			
270	Electric Transmission	-	(4,656.23)			
271	Electric Transmission	-	(23,497.45)			
272	Electric Transmission	**$ -**	**$ (20,025.01)**	This project upgraded the 69-kV bus to 115-kV at the Livingston Ridge Substation near Carlsbad, New Mexico, constructed the new Sage Brush Substation near Hobbs, New Mexico, constructed the new Cardinal Substation near Hobbs, New Mexico, and constructed a new 115-kV transmission line between the Livingston Ridge, Sage Brush, and Cardinal Substations. The project was identified by SPP in the High Priority Incremental Load Study ("HPILS"). SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
273	Electric Transmission	$ -	$ 890,622.75			
274	Electric Transmission	(28,590.15)	91,226.11			
275	Electric Transmission	96.82	(4,942.41)			
276	Electric Transmission	3,343.92	43,029.19			
277	Electric Transmission	56.03	7.89			
278	Electric Transmission	-	3,261.02			
279	Electric Transmission	-	64.82			
280	Electric Transmission	**$ (25,093.38)**	**$ 1,023,269.37**	This project installed new 345/115-kV transformers at North Loving and China Draw substations. It also constructed a new 345-kV transmission line from Kiowa to North Loving to China Draw substation. The project was needed for reliability and SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
281	Electric Transmission	$ 134,028.12	$ 942,639.84			
282	Electric Transmission	**$ 134,028.12**	**$ 942,639.84**	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 Interchange. This substation was needed to serve the rapidly increasing new distribution loads in the surrounding area.	**SPS Zonal**	**LI**
283	Electric Transmission	$ 16,142.82	$ 3,531,791.54			
284	Electric Transmission	**$ 16,142.82**	**$ 3,531,791.54**	This project expanded the 115-kV bus at Roadrunner Interchange to provide a 115-kV connection point for the new 115/22.86-kV distribution transformer being installed. This new distribution transformer was needed to serve the rapidly expanding distribution load in the area.	**SPS Zonal**	**LI**
285	Electric Transmission	$ 252.79	$ 848.07			
286	Electric Transmission	5,121.86	291,327.23			
287	Electric Transmission	34,480.37	1,436,201.38			

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	**Asset Class**	**WBS Level 1 Project Group Name**	**WBS Level 2 Number**	**WBS Level 2 Description**	**In-Service Date (year-month)**	**Capital Additions (July 1, 2019 - September 30, 2020)**	**XES Charges (Included in Column F)**	**Other Affiliate Charges (Included in Column F)**
288	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.011	OPIE China Draw-Phantom 345 ROW	202003	1,709,590.52	29,893.23	-
289	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.026	China Draw Land	202009	52,372.15	556.94	-
290	Electric Transmission	**OPIE 3 Roadrunner-China Draw 345kV Total**				**$ 3,530,194.37**	**$ 70,305.19**	**$ -**
291	Electric Transmission	OPIE Hobbs-Kiowa 345kV_PID 30637	A.0000424.037	OPIE 3_Hobbs-Kiowa 345kV Line_	201803	$ 270,052.91	$ (66,278.57)	$ -
292	Electric Transmission	OPIE Hobbs-Kiowa 345kV_PID 30637	A.0000424.040	Kiowa 345kV Sub H Term/Reactor	201803	(9,593.71)	-	-
293	Electric Transmission	OPIE Hobbs-Kiowa 345kV_PID 30637	A.0000424.044	Hobbs Sub Xfmr 345kV/230kV_UID	201803	25,444.43	-	-
294	Electric Transmission	OPIE Hobbs-Kiowa 345kV_PID 30637	A.0000424.045	Hobbs 345kV Sub Reactor/Kiowa_	201803	(4,329.73)	-	-
295	Electric Transmission	**OPIE Hobbs-Kiowa 345kV_PID 30637 Total**				**$ 281,573.90**	**$ (66,278.57)**	**$ -**
296	Electric Transmission	OPIE Monument-Byrd Reconductor	A.0000424.136	Monument-Byrd 115kvRecond Line	201811	$ 319,120.06	$ -	$ -
297	Electric Transmission	OPIE Monument-Byrd Reconductor	A.0000424.137	Monument-Byrd ROW	201712	(1,005,340.68)	-	-
298	Electric Transmission	**OPIE Monument-Byrd Reconductor Total**				**$ (686,220.62)**	**$ -**	**$ -**
299	Electric Transmission	OPIE N Loving-S Loving 115kV	A.0000424.119	N Loving-S Loving 115 kV Line	201912	$ 2,808,839.47	$ 46,840.26	$ -
300	Electric Transmission	OPIE N Loving-S Loving 115kV	A.0000424.120	N Loving-S Loving 115 kVROW	201801	7,905.08	8,378.53	-
301	Electric Transmission	OPIE N Loving-S Loving 115kV	A.0000424.121	S Loving 115kV Conv From 69kV	201912	1,080,570.62	39,082.63	-
302	Electric Transmission	OPIE N Loving-S Loving 115kV	A.0000424.122	N Loving 115kV Bus & S Loving	201911	4,707,462.34	74,630.60	-
303	Electric Transmission	OPIE N Loving-S Loving 115kV	A.0000424.257	W 72 U 18 Common Structure	201912	58,765.08	11,889.68	-
304	Electric Transmission	**OPIE N Loving-S Loving 115kV Total**				**$ 8,663,542.59**	**$ 180,821.70**	**$ -**
305	Electric Transmission	OPIE Potash-Livingston Ridge Recond	A.0000424.143	IMC1-Intrepid West 115kv Recd	201903	$ 33,403.24	$ -	$ -
306	Electric Transmission	OPIE Potash-Livingston Ridge Recond	A.0000424.144	OPIE Potash-Livingston Ridge	201903	882.53	-	-
307	Electric Transmission	OPIE Potash-Livingston Ridge Recond	A.0000424.145	Potash-Intrepid West 115kvRecd	201903	233,412.91	19.72	-
308	Electric Transmission	OPIE Potash-Livingston Ridge Recond	A.0000424.150	OPIE PTJU Intrepid Term Sub	201903	186,703.30	-	-
309	Electric Transmission	OPIE Potash-Livingston Ridge Recond	A.0000424.234	Livingston Ridge U08 OPGW upgrade	201904	14,358.37	-	-
310	Electric Transmission	**OPIE Potash-Livingston Ridge Recond Total**				**$ 468,760.35**	**$ 19.72**	**$ -**
311	Electric Transmission	OPIE Reconductor_PCA-Quahada	A.0000424.029	V21_Quahada 115kV Reconductor	201703	$ 10,683.47	$ -	$ -
312	Electric Transmission	**OPIE Reconductor_PCA-Quahada Total**				**$ 10,683.47**	**$ -**	**$ -**
313	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.021	TUCO-Yoakum 345kV Line_UID 504	202005	$ 110,552,715.68	$ 1,186,636.32	$ -
314	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.022	TUCO-Yoakum 345kV ROW_UID 5044	201806	(65,098.01)	108.82	-
315	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.022	TUCO-Yoakum 345kV ROW_UID 5044	201905	372,379.47	11,982.31	-
316	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.022	TUCO-Yoakum 345kV ROW_UID 5044	202004	29,098.44	-	-
317	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.023	Yoakum-TX/NM Border 345kV Line	201905	348,873.47	12,095.06	-
318	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.025	TX/NM Border-Hobbs 345kV Line_	201905	654,961.14	35,635.85	-
319	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.026	TX/NM Border-Hobbs 345kV ROW_U	201704	31,634.57	3,088.31	-

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	(A)	(I)	(J)	(K)	(L)	(M)
Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
288	Electric Transmission	29,893.23	1,679,697.29			
289	Electric Transmission	556.94	51,815.21			
290	Electric Transmission	**$ 70,305.19**	**$ 3,459,889.18**	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**
291	Electric Transmission	$ (66,278.57)	$ 336,331.48			
292	Electric Transmission	-	(9,593.71)			
293	Electric Transmission	-	25,444.43			
294	Electric Transmission	-	(4,329.73)			
295	Electric Transmission	**$ (66,278.57)**	**$ 347,852.47**	This project installed new 345/115-kV transformers at the Hobbs Generating Plant and Kiowa interchanges. It also constructed a new 345-kV transmission line between Hobbs Generating Plant and Kiowa substations. The project was needed for reliability and SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
296	Electric Transmission	$ -	$ 319,120.06			
297	Electric Transmission	-	(1,005,340.68)			
298	Electric Transmission	**$ -**	**$ (686,220.62)**	This project rebuilt four miles of 115-kV line between Monument and Byrd substations. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
299	Electric Transmission	$ 46,840.26	$ 2,761,999.21			
300	Electric Transmission	8,378.53	(473.45)			
301	Electric Transmission	39,082.63	1,041,487.99			
302	Electric Transmission	74,630.60	4,632,831.74			
303	Electric Transmission	11,889.68	46,875.40			
304	Electric Transmission	**$ 180,821.70**	**$ 8,482,720.89**	This project constructed approximately 3 miles of 115-kV transmission line from Loving North Substation to Loving South Substation and converted Loving South Substation from 69-kV to 115-kV operation. This upgrade was needed to reduce the 69-kV loading on the 115/69-kV transformers at Carlsbad Plant Interchange.	**SPS Zonal**	**RE**
305	Electric Transmission	$ -	$ 33,403.24			
306	Electric Transmission	-	882.53			
307	Electric Transmission	19.72	233,393.19			
308	Electric Transmission	-	186,703.30			
309	Electric Transmission	-	14,358.37			
310	Electric Transmission	**$ 19.72**	**$ 468,740.63**	This project rebuilt 13.5 miles of 115-kV line between Potash Junction and Livingston Ridge substations. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
311	Electric Transmission	$ -	$ 10,683.47			
312	Electric Transmission	**$ -**	**$ 10,683.47**	This project wrecked out and rebuilt the 115-kV line between the PCA and Quahada substations near Carlsbad, New Mexico. This project was needed to address overloads in the area. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
313	Electric Transmission	$ 1,186,636.32	$ 109,366,079.36			
314	Electric Transmission	108.82	(65,206.83)			
315	Electric Transmission	11,982.31	360,397.16			
316	Electric Transmission	-	29,098.44			
317	Electric Transmission	12,095.06	336,778.41			
318	Electric Transmission	35,635.85	619,325.29			
319	Electric Transmission	3,088.31	28,546.26			

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	**Asset Class**	**WBS Level 1 Project Group Name**	**WBS Level 2 Number**	**WBS Level 2 Description**	**In-Service Date (year-month)**	**Capital Additions (July 1, 2019 - September 30, 2020)**	**XES Charges (Included in Column F)**	**Other Affiliate Charges (Included in Column F)**
320	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.030	Yoakum 345kV Sub Reactor/Hobbs	201905	(11,008.70)	20,635.07	-
321	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.031	Yoakum Sub Xmfr 345kV/230KV_UI	201905	809,549.12	8,763.85	-
322	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.033	Hobbs 345kV Sub Reactor/Yoakum	201905	61,747.65	-	-
323	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.039	Hobbs Sub 345kV Yoakum Reator	201905	64,947.39	7,653.43	-
324	Electric Transmission	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.040	Terry Co Sub Repeater	202005	576,451.65	85,027.85	-
325	Electric Transmission	**OPIE TUCO-Hobbs 345kV_PID 30376 Total**				**$ 113,426,251.87**	**$ 1,371,626.87**	**$ -**
326	Electric Transmission	Osage Re-termination Project	A.0000767.003	Osage Substation	201804	$ 3,952.60	$ -	$ -
327	Electric Transmission	Osage Re-termination Project	A.0000767.008	East Plant Relay Sub	201711	2,718.31	-	-
328	Electric Transmission	**Osage Re-termination Project Total**				**$ 6,670.91**	**$ -**	**$ -**
329	Electric Transmission	Physical Security	A.0000710.001	NM Physical Security Sub Infrastruc	201712	$ 37,964.83	$ -	$ -
330	Electric Transmission	Physical Security	A.0000710.003	SPS Physical Security Sub Infrastru	201808	(66,698.57)	-	-
331	Electric Transmission	Physical Security	A.0000710.003	SPS Physical Security Sub Infrastru	201712	(28,393.59)	-	-
332	Electric Transmission	Physical Security	A.0000710.003	SPS Physical Security Sub Infrastru	201712	(98,778.07)	-	-
333	Electric Transmission	Physical Security	A.0000710.003	SPS Physical Security Sub Infrastru	201807	157,534.51	1,035.41	-
334	Electric Transmission	Physical Security	A.0000710.003	SPS Physical Security Sub Infrastru	201808	(42,178.24)	852.64	-
335	Electric Transmission	Physical Security	A.0000710.003	SPS Physical Security Sub Infrastru	201905	2,223.98	19.37	-
336	Electric Transmission	**Physical Security Total**				**$ (38,325.15)**	**$ 1,907.42**	**$ -**
337	Electric Transmission	Plainview City Sub Removal	A.0000489.003	Install Capacitor Bank at Kiser Sub	201804	$ (5,393.64)	$ -	$ -
338	Electric Transmission	**Plainview City Sub Removal Total**				**$ (5,393.64)**	**$ -**	**$ -**
339	Electric Transmission	Plant X 115kV BFR	A.0000842.002	Hale Co Relay Upgrade for Plan	202004	$ 505,817.74	$ 6,073.99	$ -
340	Electric Transmission	Plant X 115kV BFR	A.0000842.004	Plant X Add BFR on All 115 kV	202002	6,886,104.56	3,659.76	-
341	Electric Transmission	Plant X 115kV BFR	A.0000842.006	Plant X-Lamton Carrier Equipment	202004	107,338.27	3,883.27	-
342	Electric Transmission	Plant X 115kV BFR	A.0000842.007	Plant X-Castro Carrier Equipment	202005	100,076.25	341.54	-
343	Electric Transmission	Plant X 115kV BFR	A.0000842.008	Plant X-Bailey Carrier Equipment	201912	109,000.18	2,347.29	-
344	Electric Transmission	**Plant X 115kV BFR Total**				**$ 7,708,337.00**	**$ 16,305.85**	**$ -**
345	Electric Transmission	Portales 115 kV Loop	A.0000463.001	Portales 115kV Loop Line	201802	$ 12,550.82	$ -	$ -
346	Electric Transmission	Portales 115 kV Loop	A.0000463.008	South Portales-Market Street L	201807	622.57	-	-
347	Electric Transmission	Portales 115 kV Loop	A.0000463.011	Kilgore-South Portales ROW	202005	(23,342.21)	-	-

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	(A)	(I)	(J)	(K)	(L)	(M)
Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
320	Electric Transmission	20,635.07	(31,643.77)			
321	Electric Transmission	8,763.85	800,785.27			
322	Electric Transmission	-	61,747.65			
323	Electric Transmission	7,653.43	57,293.96			
324	Electric Transmission	85,027.85	491,423.80			
325	Electric Transmission	**$ 1,371,626.87**	**$ 112,054,625.00**	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**
326	Electric Transmission	$ -	$ 3,952.60			
327	Electric Transmission	-	2,718.31			
328	Electric Transmission	**$ -**	**$ 6,670.91**	This project upgraded the 115-kV bus at the Randall County Substation. The project was needed to address overloads at the Osage Substation. SPP issued SPS an NTC for the project.	**SPP Base Plan**	**RE**
329	Electric Transmission	$ -	$ 37,964.83			
330	Electric Transmission	-	(66,698.57)			
331	Electric Transmission	-	(28,393.59)			
332	Electric Transmission	-	(98,778.07)			
333	Electric Transmission	1,035.41	156,499.10			
334	Electric Transmission	852.64	(43,030.88)			
335	Electric Transmission	19.37	2,204.61			
336	Electric Transmission	**$ 1,907.42**	**$ (40,232.57)**	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**
337	Electric Transmission	$ -	$ (5,393.64)			
338	Electric Transmission	**$ -**	**$ (5,393.64)**	This project removed the 69-kV bus and associated equipment at Plainview City Substation and removed the 69-kV transmission line Z-84 that connected Kiser Substation to Plainview City Substation. The Kiser Substation replaced the Plainview City Substation. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
339	Electric Transmission	$ 6,073.99	$ 499,743.75			
340	Electric Transmission	3,659.76	6,882,444.80			
341	Electric Transmission	3,883.27	103,455.00			
342	Electric Transmission	341.54	99,734.71			
343	Electric Transmission	2,347.29	106,652.89			
344	Electric Transmission	**$ 16,305.85**	**$ 7,692,031.15**	This project added breaker failure relaying to the 115-kV breakers at the Plant X Substation. This project was needed to address NERC compliance requirements as well as to mitigate stability and reliability issues on the transmission system.	**SPS Zonal**	**RE**
345	Electric Transmission	$ -	$ 12,550.82			
346	Electric Transmission	-	622.57			
347	Electric Transmission	-	(23,342.21)			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	**Asset Class**	**WBS Level 1 Project Group Name**	**WBS Level 2 Number**	**WBS Level 2 Description**	**In-Service Date (year-month)**	**Capital Additions (July 1, 2019 - September 30, 2020)**	**XES Charges (Included in Column F)**	**Other Affiliate Charges (Included in Column F)**
348	Electric Transmission	Portales 115 kV Loop	A.0000463.015	Market St.-South Portales ROW	201812	169.27	169.21	-
349	Electric Transmission	**Portales 115 kV Loop Total**				**$ (9,999.55)**	**$ 169.21**	**$ -**
350	Electric Transmission	RB - Purnell Sub	A.0001061.008	Purnell Sub	201907	$ 1,163,466.18	$ 2,129.83	$ -
351	Electric Transmission	RB - Purnell Sub	A.0001061.009	XIT 115kV Sub TOIF	201905	8,961.92	1,160.13	-
352	Electric Transmission	**RB - Purnell Sub Total**				**$ 1,172,428.10**	**$ 3,289.96**	**$ -**
353	Electric Transmission	Roosevelt Cty 230 Brkr 1/2	A.0000519.001	Roosevelt County Substation	201806	$ 41,794.27	$ -	$ -
354	Electric Transmission	**Roosevelt Cty 230 Brkr 1/2 Total**				**$ 41,794.27**	**$ -**	**$ -**
355	Electric Transmission	Roswell Loop	A.0000522.004	Chaves-Price-Capitan 115 kV Ca	201801	$ (559.31)	$ -	$ -
356	Electric Transmission	Roswell Loop	A.0000522.004	Chaves-Price-Capitan 115 kV Ca	201903	299.80	-	-
357	Electric Transmission	**Roswell Loop Total**				**$ (259.51)**	**$ -**	**$ -**
358	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	201805	$ (8,700.61)	$ -	$ -
359	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	201708	(437.64)	-	-
360	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	201806	4,354.38	-	-
361	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	201906	(1.22)	-	-
362	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	201905	9,098.98	-	-
363	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	201905	(16,488.73)	3,088.19	-
364	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	201905	3,530.96	-	-
365	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	201905	212.85	-	-
366	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	202004	12,641.35	-	-
367	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	202008	42,006.30	-	-
368	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	201907	(2.47)	-	-
369	Electric Transmission	S&E - SPS Line	A.0000303.027	SPS 2019 S&E B 230KV Line	201911	86,724.32	-	-
370	Electric Transmission	S&E - SPS Line	A.0000303.027	SPS 2019 S&E B 230KV Line	201911	34,970.48	-	-
371	Electric Transmission	S&E - SPS Line	A.0000303.040	SPS S&E 69kV Line NM	201911	886,272.77	4,897.84	-
372	Electric Transmission	S&E - SPS Line	A.0000303.040	SPS S&E 69kV Line NM	201907	217,252.39	317.63	-
373	Electric Transmission	S&E - SPS Line	A.0000303.040	SPS S&E 69kV Line NM	201911	5,693.69	198.77	-
374	Electric Transmission	S&E - SPS Line	A.0000303.040	SPS S&E 69kV Line NM	202008	20,573.28	-	-
375	Electric Transmission	S&E - SPS Line	A.0000303.040	SPS S&E 69kV Line NM	201905	(385.95)	-	-
376	Electric Transmission	S&E - SPS Line	A.0000303.041	SPS S&E 115kV Line NM	201905	24,959.44	-	-
377	Electric Transmission	S&E - SPS Line	A.0000303.041	SPS S&E 115kV Line NM	202009	55,472.32	436.96	-
378	Electric Transmission	S&E - SPS Line	A.0000303.041	SPS S&E 115kV Line NM	201911	15,588.68	545.68	-
379	Electric Transmission	S&E - SPS Line	A.0000303.041	SPS S&E 115kV Line NM	202008	14,677.63	-	-
380	Electric Transmission	S&E - SPS Line	A.0000303.041	SPS S&E 115kV Line NM	201908	1,564,327.02	-	-
381	Electric Transmission	S&E - SPS Line	A.0000303.041	SPS S&E 115kV Line NM	201906	216.98	-	-
382	Electric Transmission	S&E - SPS Line	A.0000303.041	SPS S&E 115kV Line NM	201907	18,440.82	-	-
383	Electric Transmission	S&E - SPS Line	A.0000303.041	SPS S&E 115kV Line NM	201907	23,004.82	-	-
384	Electric Transmission	S&E - SPS Line	A.0000303.041	SPS S&E 115kV Line NM	201907	17,905.36	-	-

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	(A)	(I)	(J)	(K)	(L)	(M)
Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
348	Electric Transmission	169.21	0.06			
349	Electric Transmission	**$ 169.21**	**$ (10,168.76)**	This project constructed a 115-kV loop around the City of Portales, New Mexico and converted the South Portales and Market Street substations to 115-kV to provide additional load serving capability and eliminate the overloads of the 115/69-kV transformers at Portales Interchange. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
350	Electric Transmission	$ 2,129.83	$ 1,161,336.35			
351	Electric Transmission	1,160.13	7,801.79			
352	Electric Transmission	**$ 3,289.96**	**$ 1,169,138.14**	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**
353	Electric Transmission	$ -	$ 41,794.27			
354	Electric Transmission	**$ -**	**$ 41,794.27**	The project re-configured the Roosevelt County Substation 230-kV bus to a double-bus, double breaker configuration to accommodate the addition of the Pleasant Hill 230-kV line terminal. The upgraded configuration improves reliability and mitigates long-term outages in the event of a breaker that fails to open.	**SPS Zonal**	**RE**
355	Electric Transmission	$ -	$ (559.31)			
356	Electric Transmission	-	299.80			
357	Electric Transmission	**$ -**	**$ (259.51)**	This project constructed a new 115-kV line between the Chaves County, Price and Capitan substations along with the conversion of the Price 69-kV substation to 115-kV. This project is on the north side of Roswell, New Mexico. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
358	Electric Transmission	$ -	$ (8,700.61)			
359	Electric Transmission	-	(437.64)			
360	Electric Transmission	-	4,354.38			
361	Electric Transmission	-	(1.22)			
362	Electric Transmission	-	9,098.98			
363	Electric Transmission	3,088.19	(19,576.92)			
364	Electric Transmission	-	3,530.96			
365	Electric Transmission	-	212.85			
366	Electric Transmission	-	12,641.35			
367	Electric Transmission	-	42,006.30			
368	Electric Transmission	-	(2.47)			
369	Electric Transmission	-	86,724.32			
370	Electric Transmission	-	34,970.48			
371	Electric Transmission	4,897.84	881,374.93			
372	Electric Transmission	317.63	216,934.76			
373	Electric Transmission	198.77	5,494.92			
374	Electric Transmission	-	20,573.28			
375	Electric Transmission	-	(385.95)			
376	Electric Transmission	-	24,959.44			
377	Electric Transmission	436.96	55,035.36			
378	Electric Transmission	545.68	15,043.00			
379	Electric Transmission	-	14,677.63			
380	Electric Transmission	-	1,564,327.02			
381	Electric Transmission	-	216.98			
382	Electric Transmission	-	18,440.82			
383	Electric Transmission	-	23,004.82			
384	Electric Transmission	-	17,905.36			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	In-Service Date (year-month)	Capital Additions (July 1, 2019 - September 30, 2020)	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)
385	Electric Transmission	S&E - SPS Line	A.0000303.042	SPS S&E 230kV Line NM	201906	(112,120.81)	-	-
386	Electric Transmission	S&E - SPS Line	A.0000303.042	SPS S&E 230kV Line NM	201907	24,028.15	-	-
387	Electric Transmission	S&E - SPS Line	A.0000303.043	SPS S&E 345kV Line NM	201906	(29,753.30)	863.20	33.60
388	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201807	6,416.76	-	-
389	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201809	721.92	-	-
390	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201906	46,989.03	-	-
391	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202009	7,595.67	-	-
392	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202007	85,204.71	-	-
393	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201908	29,741.36	251.83	-
394	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202009	10,970.34	-	-
395	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202004	18,894.42	-	-
396	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201907	19,842.98	-	-
397	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201906	107.37	-	-
398	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202008	4,111.85	-	-
399	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201912	26,906.12	-	-
400	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201906	(1,518.62)	-	-
401	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201912	6,203.81	267.32	-
402	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201906	0.02	-	-
403	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202008	13,745.36	-	-
404	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201909	41,213.30	-	-
405	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201908	35,517.31	251.83	-
406	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201906	(921.20)	-	-
407	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201906	14,357.95	-	-
408	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201805	15,279.47	-	-
409	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201808	1,549.58	-	-
410	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201906	(53.42)	-	-
411	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201906	(175.41)	-	-
412	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201906	1,062.00	-	-
413	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201911	55,902.92	-	-
414	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201906	0.02	-	-
415	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201912	8,350.32	-	-
416	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201909	43,736.48	-	-
417	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201906	(1,719.70)	-	-
418	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201912	1,297,247.64	-	-
419	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	202008	7,707.97	-	-
420	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201905	1,361.84	-	-
421	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201909	14,838.93	-	94.66
422	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	202008	8,846.83	-	-
423	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201911	45,339.86	-	-
424	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201911	32,591.90	1,055.57	-
425	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201911	11,932.44	-	-
426	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201911	15,031.91	-	-
427	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201911	18,591.66	-	-
428	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201912	17,988.38	-	-
429	Electric Transmission	S&E - SPS Line	A.0000303.046	SPS S&E 345kV Line TX	201710	88,655.48	-	-
430	Electric Transmission	S&E - SPS Line	A.0000303.046	SPS S&E 345kV Line TX	201906	(1,317.34)	-	-
431	Electric Transmission	S&E - SPS Line	A.0000303.047	SPS S&E 115kV Line OK	201707	(359.14)	-	-
432	Electric Transmission	S&E - SPS Line	A.0000303.047	SPS S&E 115kV Line OK	201903	(1,633.69)	-	-

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	(A)	(I)	(J)	(K)	(L)	(M)
Line No.	Asset Class	Total Affiliate Charges (Included in Column F)	Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)	WBS Level 1 Project Group Description	Cost Recovery Method	Project Category
385	Electric Transmission	-	(112,120.81)			
386	Electric Transmission	-	24,028.15			
387	Electric Transmission	896.80	(30,650.10)			
388	Electric Transmission	-	6,416.76			
389	Electric Transmission	-	721.92			
390	Electric Transmission	-	46,989.03			
391	Electric Transmission	-	7,595.67			
392	Electric Transmission	-	85,204.71			
393	Electric Transmission	251.83	29,489.53			
394	Electric Transmission	-	10,970.34			
395	Electric Transmission	-	18,894.42			
396	Electric Transmission	-	19,842.98			
397	Electric Transmission	-	107.37			
398	Electric Transmission	-	4,111.85			
399	Electric Transmission	-	26,906.12			
400	Electric Transmission	-	(1,518.62)			
401	Electric Transmission	267.32	5,936.49			
402	Electric Transmission	-	0.02			
403	Electric Transmission	-	13,745.36			
404	Electric Transmission	-	41,213.30			
405	Electric Transmission	251.83	35,265.48			
406	Electric Transmission	-	(921.20)			
407	Electric Transmission	-	14,357.95			
408	Electric Transmission	-	15,279.47			
409	Electric Transmission	-	1,549.58			
410	Electric Transmission	-	(53.42)			
411	Electric Transmission	-	(175.41)			
412	Electric Transmission	-	1,062.00			
413	Electric Transmission	-	55,902.92			
414	Electric Transmission	-	0.02			
415	Electric Transmission	-	8,350.32			
416	Electric Transmission	-	43,736.48			
417	Electric Transmission	-	(1,719.70)			
418	Electric Transmission	-	1,297,247.64			
419	Electric Transmission	-	7,707.97			
420	Electric Transmission	-	1,361.84			
421	Electric Transmission	94.66	14,744.27			
422	Electric Transmission	-	8,846.83			
423	Electric Transmission	-	45,339.86			
424	Electric Transmission	1,055.57	31,536.33			
425	Electric Transmission	-	11,932.44			
426	Electric Transmission	-	15,031.91			
427	Electric Transmission	-	18,591.66			
428	Electric Transmission	-	17,988.38			
429	Electric Transmission	-	88,655.48			
430	Electric Transmission	-	(1,317.34)			
431	Electric Transmission	-	(359.14)			
432	Electric Transmission	-	(1,633.69)			

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	In-Service Date (year-month)	Capital Additions (July 1, 2019 - September 30, 2020)	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)
433	Electric Transmission	S&E - SPS Line	A.0000303.047	SPS S&E 115kV Line OK	201908	26,558.38	-	-
434	Electric Transmission	S&E - SPS Line	A.0000303.047	SPS S&E 115kV Line OK	201908	26,688.95	-	-
435	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	201904	57,344.91	16.86	-
436	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	201908	48,628.39	14.76	-
437	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	202006	5,521.67	-	-
438	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	201908	60,057.91	18.72	-
439	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	201906	26,377.85	14.76	-
440	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	201908	95,103.65	14.76	-
441	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	201907	59,929.22	18.72	-
442	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	201912	133,899.24	200.94	-
443	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	201906	7,897.34	18.82	-
444	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	201907	48,193.73	18.72	-
445	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	202006	13,296.96	-	-
446	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	202006	7,386.20	-	-
447	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	202006	24,292.26	-	-
448	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	202006	20,590.52	-	-
449	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	202006	19,447.86	-	-
450	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	201906	(1,042.95)	16.86	-
451	Electric Transmission	S&E - SPS Line	A.0000303.055	SPS Priority Defects 69kV Line NM	201907	85,191.95	-	-
452	Electric Transmission	S&E - SPS Line	A.0000303.055	SPS Priority Defects 69kV Line NM	201907	68,093.46	-	-
453	Electric Transmission	S&E - SPS Line	A.0000303.055	SPS Priority Defects 69kV Line NM	202006	5,257.35	-	-
454	Electric Transmission	S&E - SPS Line	A.0000303.055	SPS Priority Defects 69kV Line NM	202006	7,009.22	-	-
455	Electric Transmission	S&E - SPS Line	A.0000303.055	SPS Priority Defects 69kV Line NM	201907	70,890.70	18.92	-
456	Electric Transmission	S&E - SPS Line	A.0000303.056	SPS Priority Defects 115kV Line NM	201907	169,394.49	-	-
457	Electric Transmission	S&E - SPS Line	A.0000303.056	SPS Priority Defects 115kV Line NM	201906	34,756.31	18.92	-
458	Electric Transmission	S&E - SPS Line	A.0000303.056	SPS Priority Defects 115kV Line NM	201907	125,354.94	-	-
459	Electric Transmission	S&E - SPS Line	A.0000303.056	SPS Priority Defects 115kV Line NM	201906	10,131.72	-	-
460	Electric Transmission	S&E - SPS Line	A.0000303.056	SPS Priority Defects 115kV Line NM	201907	37,034.94	-	-
461	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	201906	1,208.36	-	-
462	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	201911	61,131.07	-	-
463	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	201908	43,492.99	-	-
464	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	202002	2,622.06	-	-
465	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	201908	49,953.68	16.86	-
466	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	201905	10,735.80	-	-
467	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	201911	12,137.48	-	-
468	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	201905	8,280.46	-	-
469	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	201905	73.90	-	-
470	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	202006	1,537.68	-	-
471	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	201906	11,491.85	-	-
472	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	201907	122,685.28	18.72	-
473	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	201912	11,021.54	-	-
474	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	201906	31,197.18	-	-
475	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	201908	65,959.12	-	-
476	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	201908	58,880.11	-	-
477	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	201908	128,280.54	-	-
478	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	201904	4,530.39	-	-
479	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	201905	37,745.39	16.86	-
480	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	202006	5,720.84	-	-

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	(A)	(I)	(J)	(K)	(L)	(M)
Line No.	Asset Class	Total Affiliate Charges (Included in Column F)	Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)	WBS Level 1 Project Group Description	Cost Recovery Method	Project Category
433	Electric Transmission	-	26,558.38			
434	Electric Transmission	-	26,688.95			
435	Electric Transmission	16.86	57,328.05			
436	Electric Transmission	14.76	48,613.63			
437	Electric Transmission	-	5,521.67			
438	Electric Transmission	18.72	60,039.19			
439	Electric Transmission	14.76	26,363.09			
440	Electric Transmission	14.76	95,088.89			
441	Electric Transmission	18.72	59,910.50			
442	Electric Transmission	200.94	133,698.30			
443	Electric Transmission	18.82	7,878.52			
444	Electric Transmission	18.72	48,175.01			
445	Electric Transmission	-	13,296.96			
446	Electric Transmission	-	7,386.20			
447	Electric Transmission	-	24,292.26			
448	Electric Transmission	-	20,590.52			
449	Electric Transmission	-	19,447.86			
450	Electric Transmission	16.86	(1,059.81)			
451	Electric Transmission	-	85,191.95			
452	Electric Transmission	-	68,093.46			
453	Electric Transmission	-	5,257.35			
454	Electric Transmission	-	7,009.22			
455	Electric Transmission	18.92	70,871.78			
456	Electric Transmission	-	169,394.49			
457	Electric Transmission	18.92	34,737.39			
458	Electric Transmission	-	125,354.94			
459	Electric Transmission	-	10,131.72			
460	Electric Transmission	-	37,034.94			
461	Electric Transmission	-	1,208.36			
462	Electric Transmission	-	61,131.07			
463	Electric Transmission	-	43,492.99			
464	Electric Transmission	-	2,622.06			
465	Electric Transmission	16.86	49,936.82			
466	Electric Transmission	-	10,735.80			
467	Electric Transmission	-	12,137.48			
468	Electric Transmission	-	8,280.46			
469	Electric Transmission	-	73.90			
470	Electric Transmission	-	1,537.68			
471	Electric Transmission	-	11,491.85			
472	Electric Transmission	18.72	122,666.56			
473	Electric Transmission	-	11,021.54			
474	Electric Transmission	-	31,197.18			
475	Electric Transmission	-	65,959.12			
476	Electric Transmission	-	58,880.11			
477	Electric Transmission	-	128,280.54			
478	Electric Transmission	-	4,530.39			
479	Electric Transmission	16.86	37,728.53			
480	Electric Transmission	-	5,720.84			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	**Asset Class**	**WBS Level 1 Project Group Name**	**WBS Level 2 Number**	**WBS Level 2 Description**	**In-Service Date (year-month)**	**Capital Additions (July 1, 2019 - September 30, 2020)**	**XES Charges (Included in Column F)**	**Other Affiliate Charges (Included in Column F)**
481	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	202006	26,718.42	-	-
482	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	201905	11,625.45	18.72	-
483	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	202006	6,644.68	-	-
484	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	201904	104.34	-	-
485	Electric Transmission	S&E - SPS Line	A.0000303.058	SPS Priority Defects 230kV Line NM	201907	279,876.09	-	-
486	Electric Transmission	S&E - SPS Line	A.0000303.058	SPS Priority Defects 230kV Line NM	201907	29,828.24	-	-
487	Electric Transmission	S&E - SPS Line	A.0000303.059	SPS Priority Defects 230kV Line TX	201907	79,895.92	-	-
488	Electric Transmission	S&E - SPS Line	A.0000303.059	SPS Priority Defects 230kV Line TX	201909	66,816.49	-	-
489	Electric Transmission	S&E - SPS Line	A.0000303.059	SPS Priority Defects 230kV Line TX	201909	137,473.38	-	-
490	Electric Transmission	S&E - SPS Line	A.0000303.059	SPS Priority Defects 230kV Line TX	201909	48,605.88	-	-
491	Electric Transmission	S&E - SPS Line	A.0000303.061	345 kV Emergency H Frame Structures	202001	199,247.89	-	-
492	Electric Transmission	S&E - SPS Line	A.0000303.062	V04 Structure Replacement	202005	1,092,486.75	105,381.12	-
493	Electric Transmission	S&E - SPS Line	A.0000303.063	V04 Structure Replacement ROW	202001	142,395.85	9,458.75	-
494	Electric Transmission	S&E - SPS Line	A.0000303.064	T53 PPR Schld pole Replacement	202003	1,246,815.05	-	-
495	Electric Transmission	S&E - SPS Line	A.0000303.067	K90 Str Rpl PPR	202005	739,524.53	3,122.96	-
496	Electric Transmission	S&E - SPS Line	A.0000303.069	W07 Str Rpl PPR	202009	110,361.65	202.68	-
497	Electric Transmission	S&E - SPS Line	A.0000303.083	T79 Str Rpl PPR	202006	165,915.05	3,021.50	-
498	Electric Transmission	S&E - SPS Line	A.0000303.090	K24 Str Rpl PPR	202006	693,945.63	202.68	-
499	Electric Transmission	S&E - SPS Line	A.0000303.092	K86 Str Rpl PPR	202005	676,056.46	4,258.00	-
500	Electric Transmission	**S&E - SPS Line Total**				**$ 12,677,230.27**	**$ 138,285.43**	**$ 128.26**
501	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201804	$ 941.94	$ 911.35	$ -
502	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201712	(3,149.97)	-	-
503	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201812	4,883.59	-	-
504	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201812	11,758.91	-	-
505	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201805	(367,981.82)	-	-
506	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201903	7.20	-	-
507	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202006	4,271.38	-	-
508	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	29,952.16	-	-
509	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202005	153,063.49	-	-
510	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202003	2,298.69	-	-
511	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	634.44	-	-
512	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	5,087.73	-	-
513	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202008	4,807.71	-	-
514	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	6,957.47	-	-
515	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202008	2,309.18	-	-
516	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202004	2,926.61	-	-
517	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201912	2,963.79	-	-
518	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202004	1,735.20	-	-
519	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202001	57,267.40	-	-
520	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202003	8,795.12	-	-
521	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201909	1,765.10	-	-
522	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	13,278.13	-	-
523	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	1,595.43	-	-
524	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202007	2,742.47	-	-
525	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201912	3,242.54	-	-
526	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202004	4,247.91	-	-

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	(A)	(I)	(J)	(K)	(L)	(M)
Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
481	Electric Transmission	-	26,718.42			
482	Electric Transmission	18.72	11,606.73			
483	Electric Transmission	-	6,644.68			
484	Electric Transmission	-	104.34			
485	Electric Transmission	-	279,876.09			
486	Electric Transmission	-	29,828.24			
487	Electric Transmission	-	79,895.92			
488	Electric Transmission	-	66,816.49			
489	Electric Transmission	-	137,473.38			
490	Electric Transmission	-	48,605.88			
491	Electric Transmission	-	199,247.89			
492	Electric Transmission	105,381.12	987,105.63			
493	Electric Transmission	9,458.75	132,937.10			
494	Electric Transmission	-	1,246,815.05			
495	Electric Transmission	3,122.96	736,401.57			
496	Electric Transmission	202.68	110,158.97			
497	Electric Transmission	3,021.50	162,893.55			
498	Electric Transmission	202.68	693,742.95			
499	Electric Transmission	4,258.00	671,798.46			
500	Electric Transmission	**$ 138,413.69**	**$ 12,538,816.58**	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**
501	Electric Transmission	$ 911.35	$ 30.59			
502	Electric Transmission	-	(3,149.97)			
503	Electric Transmission	-	4,883.59			
504	Electric Transmission	-	11,758.91			
505	Electric Transmission	-	(367,981.82)			
506	Electric Transmission	-	7.20			
507	Electric Transmission	-	4,271.38			
508	Electric Transmission	-	29,952.16			
509	Electric Transmission	-	153,063.49			
510	Electric Transmission	-	2,298.69			
511	Electric Transmission	-	634.44			
512	Electric Transmission	-	5,087.73			
513	Electric Transmission	-	4,807.71			
514	Electric Transmission	-	6,957.47			
515	Electric Transmission	-	2,309.18			
516	Electric Transmission	-	2,926.61			
517	Electric Transmission	-	2,963.79			
518	Electric Transmission	-	1,735.20			
519	Electric Transmission	-	57,267.40			
520	Electric Transmission	-	8,795.12			
521	Electric Transmission	-	1,765.10			
522	Electric Transmission	-	13,278.13			
523	Electric Transmission	-	1,595.43			
524	Electric Transmission	-	2,742.47			
525	Electric Transmission	-	3,242.54			
526	Electric Transmission	-	4,247.91			

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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) In-Service Date (year-month)	(F) Capital Additions (July 1, 2019 - September 30, 2020)	(G) XES Charges (Included in Column F)	(H) Other Affiliate Charges (Included in Column F)
527	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	2,979.80	185.50	-
528	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	2,500.15	97.55	-
529	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202007	1,775.24	-	-
530	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	4,084.67	25.51	-
531	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	2,442.66	-	-
532	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202006	10,979.25	-	-
533	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202001	32,920.88	-	-
534	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	19,303.24	-	-
535	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202009	132,860.00	-	-
536	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202009	81,969.19	-	-
537	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202009	68,304.40	-	-
538	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	5,728.07	-	-
539	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201907	3,104.60	-	-
540	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202006	1,792.26	-	-
541	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202004	2,061.88	-	-
542	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202003	1,426.22	-	-
543	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202007	8,468.50	-	-
544	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	42,966.62	-	-
545	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202004	1,204.90	-	-
546	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202007	6,123.42	-	-
547	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202002	6,505.99	111.76	-
548	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202006	2,444.47	-	-
549	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202007	8,895.41	-	-
550	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	3,449.06	-	-
551	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202009	1,310.61	-	-
552	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201904	15.29	-	-
553	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202004	2,622.46	-	-
554	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202007	80,343.74	-	-
555	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	7,356.16	-	-
556	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202003	4,276.75	-	-
557	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	92,357.41	3,199.68	-
558	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202006	22,701.50	-	-
559	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201908	18,482.02	-	-
560	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202006	2,368.69	-	-
561	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202006	4,180.77	-	-
562	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202007	57,566.12	-	-
563	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202007	1,112.48	-	-
564	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	35,128.28	-	-
565	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201909	20,598.08	-	-
566	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202004	167,432.86	6,968.40	-
567	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	78,214.02	557.14	-
568	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202007	2,251.40	-	-
569	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201909	1,745.53	-	-
570	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201912	7,402.27	-	-
571	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202007	43,600.82	-	-
572	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	14,935.23	-	-
573	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202007	6,202.89	-	-
574	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202004	5,058.01	-	-

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Transmission Capital Additions
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Summary of Projects

	(A)	(I)	(J)	(K)	(L)	(M)
Line No.	Asset Class	Total Affiliate Charges (Included in Column F)	Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)	WBS Level 1 Project Group Description	Cost Recovery Method	Project Category
527	Electric Transmission	185.50	2,794.30			
528	Electric Transmission	97.55	2,402.60			
529	Electric Transmission	-	1,775.24			
530	Electric Transmission	25.51	4,059.16			
531	Electric Transmission	-	2,442.66			
532	Electric Transmission	-	10,979.25			
533	Electric Transmission	-	32,920.88			
534	Electric Transmission	-	19,303.24			
535	Electric Transmission	-	132,860.00			
536	Electric Transmission	-	81,969.19			
537	Electric Transmission	-	68,304.40			
538	Electric Transmission	-	5,728.07			
539	Electric Transmission	-	3,104.60			
540	Electric Transmission	-	1,792.26			
541	Electric Transmission	-	2,061.88			
542	Electric Transmission	-	1,426.22			
543	Electric Transmission	-	8,468.50			
544	Electric Transmission	-	42,966.62			
545	Electric Transmission	-	1,204.90			
546	Electric Transmission	-	6,123.42			
547	Electric Transmission	111.76	6,394.23			
548	Electric Transmission	-	2,444.47			
549	Electric Transmission	-	8,895.41			
550	Electric Transmission	-	3,449.06			
551	Electric Transmission	-	1,310.61			
552	Electric Transmission	-	15.29			
553	Electric Transmission	-	2,622.46			
554	Electric Transmission	-	80,343.74			
555	Electric Transmission	-	7,356.16			
556	Electric Transmission	-	4,276.75			
557	Electric Transmission	3,199.68	89,157.73			
558	Electric Transmission	-	22,701.50			
559	Electric Transmission	-	18,482.02			
560	Electric Transmission	-	2,368.69			
561	Electric Transmission	-	4,180.77			
562	Electric Transmission	-	57,566.12			
563	Electric Transmission	-	1,112.48			
564	Electric Transmission	-	35,128.28			
565	Electric Transmission	-	20,598.08			
566	Electric Transmission	6,968.40	160,464.46			
567	Electric Transmission	557.14	77,656.88			
568	Electric Transmission	-	2,251.40			
569	Electric Transmission	-	1,745.53			
570	Electric Transmission	-	7,402.27			
571	Electric Transmission	-	43,600.82			
572	Electric Transmission	-	14,935.23			
573	Electric Transmission	-	6,202.89			
574	Electric Transmission	-	5,058.01			

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Summary of Projects

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	In-Service Date (year-month)	Capital Additions (July 1, 2019 - September 30, 2020)	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)
575	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202004	6,933.43	-	-
576	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201909	5,398.63	-	-
577	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202002	5,100.64	-	-
578	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202008	2,754.72	-	-
579	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202004	5,278.72	-	-
580	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202007	2,549.92	-	-
581	Electric Transmission	S&E - SPS Sub	A.0000220.007	SPS 2017 S&E Sub	201812	(723.03)	-	-
582	Electric Transmission	S&E - SPS Sub	A.0000220.007	SPS 2017 S&E Sub	201812	567.45	-	-
583	Electric Transmission	S&E - SPS Sub	A.0000220.007	SPS 2017 S&E Sub	202001	63,772.36	-	-
584	Electric Transmission	S&E - SPS Sub	A.0000220.007	SPS 2017 S&E Sub	201905	313.19	-	-
585	Electric Transmission	S&E - SPS Sub	A.0000220.007	SPS 2017 S&E Sub	201911	12,276.16	-	-
586	Electric Transmission	S&E - SPS Sub	A.0000220.007	SPS 2017 S&E Sub	202003	7,149.33	-	-
587	Electric Transmission	S&E - SPS Sub	A.0000220.007	SPS 2017 S&E Sub	201911	3,731.95	-	-
588	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	201812	5.35	-	-
589	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	201902	568.77	-	-
590	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	201909	3,366.67	-	-
591	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	201909	8,426.28	-	-
592	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	201912	2,327.02	-	-
593	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	201911	7,064.67	-	-
594	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202007	1,628.31	-	-
595	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202004	6,479.29	-	-
596	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202007	7,635.17	-	-
597	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	201911	5,619.16	-	-
598	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202007	67,937.47	-	-
599	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202003	2,677.00	-	-
600	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	201911	6,894.16	-	-
601	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	201911	4,274.79	-	-
602	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	201911	37,661.29	-	-
603	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	201909	1,700.51	-	-
604	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	201911	5,202.98	-	-
605	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202007	3,978.75	-	-
606	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	201911	26,157.66	-	-
607	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202004	196,082.81	2,802.16	-
608	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202008	5,429.55	-	-
609	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202004	23,575.58	-	-
610	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202007	5,255.46	-	-
611	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202007	10,811.67	-	-
612	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202008	3,274.29	-	-
613	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202004	3,505.40	-	-
614	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202003	2,831.31	-	-
615	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202007	22,058.84	-	-
616	Electric Transmission	S&E - SPS Sub	A.0000220.024	SPS 2015 KS SE Sub	201911	13,393.99	-	-
617	Electric Transmission	S&E - SPS Sub	A.0000220.026	SPS 2015 OK SE Sub	201905	(33.29)	-	-
618	Electric Transmission	S&E - SPS Sub	A.0000220.038	PCA Land Lease	202009	25,985.57	355.59	-
619	Electric Transmission	**S&E - SPS Sub Total**				**$ 1,714,836.02**	**$ 15,214.64**	**$ -**
620	Electric Transmission	seminole intg 230/115kV xfmr #1 & #2 upgrades	A.0000494.001	Seminole Xfmr 1	201812	$ 37,863.13	$ 469.86	$ -
621	Electric Transmission	seminole intg 230/115kV xfmr #1 & #2 upgrades	A.0000494.002	Seminole Xfmr 2	201904	81,838.86	351.46	-

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	(A)	(I)	(J)	(K)	(L)	(M)
Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
575	Electric Transmission	-	6,933.43			
576	Electric Transmission	-	5,398.63			
577	Electric Transmission	-	5,100.64			
578	Electric Transmission	-	2,754.72			
579	Electric Transmission	-	5,278.72			
580	Electric Transmission	-	2,549.92			
581	Electric Transmission	-	(723.03)			
582	Electric Transmission	-	567.45			
583	Electric Transmission	-	63,772.36			
584	Electric Transmission	-	313.19			
585	Electric Transmission	-	12,276.16			
586	Electric Transmission	-	7,149.33			
587	Electric Transmission	-	3,731.95			
588	Electric Transmission	-	5.35			
589	Electric Transmission	-	568.77			
590	Electric Transmission	-	3,366.67			
591	Electric Transmission	-	8,426.28			
592	Electric Transmission	-	2,327.02			
593	Electric Transmission	-	7,064.67			
594	Electric Transmission	-	1,628.31			
595	Electric Transmission	-	6,479.29			
596	Electric Transmission	-	7,635.17			
597	Electric Transmission	-	5,619.16			
598	Electric Transmission	-	67,937.47			
599	Electric Transmission	-	2,677.00			
600	Electric Transmission	-	6,894.16			
601	Electric Transmission	-	4,274.79			
602	Electric Transmission	-	37,661.29			
603	Electric Transmission	-	1,700.51			
604	Electric Transmission	-	5,202.98			
605	Electric Transmission	-	3,978.75			
606	Electric Transmission	-	26,157.66			
607	Electric Transmission	2,802.16	193,280.65			
608	Electric Transmission	-	5,429.55			
609	Electric Transmission	-	23,575.58			
610	Electric Transmission	-	5,255.46			
611	Electric Transmission	-	10,811.67			
612	Electric Transmission	-	3,274.29			
613	Electric Transmission	-	3,505.40			
614	Electric Transmission	-	2,831.31			
615	Electric Transmission	-	22,058.84			
616	Electric Transmission	-	13,393.99			
617	Electric Transmission	-	(33.29)			
618	Electric Transmission	355.59	25,629.98			
619	Electric Transmission	**$ 15,214.64**	**$ 1,699,621.38**	These projects provided for the storm and emergency work orders that repaired substation facilities damaged by inclement weather and natural disasters.	**SPS Zonal**	**SR**
620	Electric Transmission	$ 469.86	$ 37,393.27			
621	Electric Transmission	351.46	81,487.40			

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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) In-Service Date (year-month)	(F) Capital Additions (July 1, 2019 - September 30, 2020)	(G) XES Charges (Included in Column F)	(H) Other Affiliate Charges (Included in Column F)
622	Electric Transmission	**seminole intg 230/115kV xfmr #1 & #2 upgrades Total**				**$ 119,701.99**	**$ 821.32**	**$ -**
623	Electric Transmission	Short Circuit Interrupting Duty 2016	A.0000513.002	Castro Co Breaker 8829 Replacement	201811	$ (1,679.42)	$ -	$ -
624	Electric Transmission	Short Circuit Interrupting Duty 2016	A.0000513.004	Denver City Breaker W970 Replacemen	201811	(69,522.11)	-	-
625	Electric Transmission	Short Circuit Interrupting Duty 2016	A.0000513.005	Denver City Breaker W900 Replacemen	201810	(50,100.25)	-	-
626	Electric Transmission	**Short Circuit Interrupting Duty 2016 Total**				**$ (121,301.78)**	**$ -**	**$ -**
627	Electric Transmission	Sierra Substation (RIAC Conversion)	A.0001300.009	Reterm 115KV Roswell City	201811	$ (1,131.00)	$ -	$ -
628	Electric Transmission	Sierra Substation (RIAC Conversion)	A.0001300.013	Roswell Intg 115KVBkr One Half	201811	17,494.78	186.24	-
629	Electric Transmission	Sierra Substation (RIAC Conversion)	A.0001300.014	Wreckout Rebuild 115KV LineT24	201811	36,273.21	27,733.48	-
630	Electric Transmission	Sierra Substation (RIAC Conversion)	A.0001300.022	Relay Upgr Roswell City Rosw Intg	201811	16,321.00	-	-
631	Electric Transmission	Sierra Substation (RIAC Conversion)	A.0001300.023	T24 ROW	201712	10,895.52	-	-
632	Electric Transmission	Sierra Substation (RIAC Conversion)	A.0001300.024	Z09 Removal from S Main St to RIAC	201907	88,864.61	2,234.09	-
633	Electric Transmission	Sierra Substation (RIAC Conversion)	A.0001300.025	Wreckout Rebuild Z09 Dble Ckt	201811	(3,995.00)	-	-
634	Electric Transmission	**Sierra Substation (RIAC Conversion) Total**				**$ 164,723.12**	**$ 30,153.81**	**$ -**
635	Electric Transmission	Soncy Dist. Transformer Conv.	A.0000616.001	Soncy Dist. Transformer Conv.	201812	$ 67,609.02	$ 3,024.67	$ -
636	Electric Transmission	Soncy Dist. Transformer Conv.	A.0000616.002	115kV Line Tap to Soncy Line	201812	(2,820.42)	2,107.95	-
637	Electric Transmission	Soncy Dist. Transformer Conv.	A.0000616.006	69kV Line Tap to Soncy Line	201802	5,932.15	979.08	-
638	Electric Transmission	**Soncy Dist. Transformer Conv. Total**				**$ 70,720.75**	**$ 6,111.70**	**$ -**
639	Electric Transmission	Spearman Breaker Replacements	A.0001421.004	Spearman Land	202007	$ 20,659.62	$ 6,937.15	$ -
640	Electric Transmission	**Spearman Breaker Replacements Total**				**$ 20,659.62**	**$ 6,937.15**	**$ -**
641	Electric Transmission	SPIRe	A.0000996.004	SPS SPIRe	201912	$ 254.80	$ (14,078.75)	$ -
642	Electric Transmission	**SPIRe Total**				**$ 254.80**	**$ (14,078.75)**	**$ -**
643	Electric Transmission	SPS Asset Sales	A.0000886.008	Asset Sale to Oncor	201901	$ (41,882.88)	$ -	$ -
644	Electric Transmission	**SPS Asset Sales Total**				**$ (41,882.88)**	**$ -**	**$ -**
645	Electric Transmission	SPS Facility Rating Mitigation	A.0001041.006	T71 Terminal upgrade Carlisle	201904	$ (2,562.37)	$ 910.11	$ -
646	Electric Transmission	SPS Facility Rating Mitigation	A.0001041.007	T71 Terminal upgrade Yuma	201912	21,015.09	-	-
647	Electric Transmission	SPS Facility Rating Mitigation	A.0001041.008	K73 Terminal Upgrade Grapevine	202004	87,282.98	5,642.20	-
648	Electric Transmission	SPS Facility Rating Mitigation	A.0001041.009	K53 Term Upgrade Grapevine Nichols	202004	111,186.49	6,756.30	-

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	(A)	(I)	(J)	(K)	(L)	(M)
Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
622	Electric Transmission	**$ 821.32**	**$ 118,880.67**	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**
623	Electric Transmission	$ -	$ (1,679.42)			
624	Electric Transmission	-	(69,522.11)			
625	Electric Transmission	-	(50,100.25)			
626	Electric Transmission	**$ -**	**$ (121,301.78)**	This project replaced various transmission circuit breakers where the transmission system had a higher available fault current than the interrupting rating of these particular circuit breakers.	**SPS Zonal**	**RE**
627	Electric Transmission	$ -	$ (1,131.00)			
628	Electric Transmission	186.24	17,308.54			
629	Electric Transmission	27,733.48	8,539.73			
630	Electric Transmission	-	16,321.00			
631	Electric Transmission	-	10,895.52			
632	Electric Transmission	2,234.09	86,630.52			
633	Electric Transmission	-	(3,995.00)			
634	Electric Transmission	**$ 30,153.81**	**$ 134,569.31**	This project constructed a new 115-kV distribution substation and the conversion of a 2-mile, 69-kV transmission line to 115-kV operation. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
635	Electric Transmission	$ 3,024.67	$ 64,584.35			
636	Electric Transmission	2,107.95	(4,928.37)			
637	Electric Transmission	979.08	4,953.07			
638	Electric Transmission	**$ 6,111.70**	**$ 64,609.05**	This project converted the 69-kV Soncy Substation and transmission line to 115-kV operation. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
639	Electric Transmission	$ 6,937.15	$ 13,722.47			
640	Electric Transmission	**$ 6,937.15**	**$ 13,722.47**	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**
641	Electric Transmission	$ (14,078.75)	$ 14,333.55			
642	Electric Transmission	**$ (14,078.75)**	**$ 14,333.55**	SPS's System Protection Infrastructure Replacement (SPIRe) program sponsors projects that provide compliance with NERC Standard PRC-005 requirements. This project upgraded the 230/115-kV transformer differential relaying and associated equipment at the East Plant Substation. This project is one part of an effort to modernize the relaying systems that protect SPS's Bulk Electric System (BES).	**SPS Zonal**	**SR**
643	Electric Transmission	$ -	$ (41,882.88)			
644	Electric Transmission	**$ -**	**$ (41,882.88)**	This project sold SPS assets to Sharyland Utilities and sold a 69-kV line to Lea County Electric Cooperative.	**SPS Zonal**	**OT**
645	Electric Transmission	$ 910.11	$ (3,472.48)			
646	Electric Transmission	-	21,015.09			
647	Electric Transmission	5,642.20	81,640.78			
648	Electric Transmission	6,756.30	104,430.19			

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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) In-Service Date (year-month)	(F) Capital Additions (July 1, 2019 - September 30, 2020)	(G) XES Charges (Included in Column F)	(H) Other Affiliate Charges (Included in Column F)
649	Electric Transmission	**SPS Facility Rating Mitigation Total**				**$ 216,922.19**	**$ 13,308.61**	**$ -**
650	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.006	V02 Switch 2915 Replacement	201812	$ 2,060.23	$ -	$ -
651	Electric Transmission	**SPS Group 1 Switch Replacements Total**				**$ 2,060.23**	**$ -**	**$ -**
652	Electric Transmission	SPS Line Capacity	A.0000427.001	SPS Line Capacity Line	201510	$ 3,752.09	$ -	$ -
653	Electric Transmission	SPS Line Capacity	A.0000427.014	K21 Clearance Violations	201809	3,512.23	132.76	-
654	Electric Transmission	SPS Line Capacity	A.0000427.016	W14 Y98 Clearance Violations	201903	32,552.36	-	-
655	Electric Transmission	**SPS Line Capacity Total**				**$ 39,816.68**	**$ 132.76**	**$ -**
656	Electric Transmission	SPS Major Line Refurbishment	A.0000469.015	SPS Major Line Refurb 69kV TX	201903	$ (118,819.12)	$ -	$ -
657	Electric Transmission	**SPS Major Line Refurbishment Total**				**$ (118,819.12)**	**$ -**	**$ -**
658	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.004	TUCO SPE relay Upgrades TX	201911	$ 233,222.25	$ 480.54	$ -
659	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.004	TUCO SPE relay Upgrades TX	202002	1,598,201.97	60,052.19	-
660	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.033	Indiana V15 SPE Relay Upgrades TX	202005	804,038.74	20,888.83	-
661	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.034	Cochran V56 Line SPE Relay Upgrades	202005	863,979.90	7,380.62	-
662	Electric Transmission	**SPS SPE Fault Clearing Relay Rplmnts Total**				**$ 3,499,442.86**	**$ 88,802.18**	**$ -**
663	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.001	SPS Sub Comm Network Group 1 L	201812	$ 2,281.87	$ -	$ -
664	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.001	SPS Sub Comm Network Group 1 L	201912	231,604.15	9,278.73	-
665	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.001	SPS Sub Comm Network Group 1 L	202003	232,056.68	12,237.67	-
666	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.001	SPS Sub Comm Network Group 1 L	201912	(1.41)	(581.08)	-
667	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.001	SPS Sub Comm Network Group 1 L	202002	460,252.73	14,323.50	-
668	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.002	SPS Sub Comm Network Group 1 S	201711	2,638.36	2,410.60	-

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	(A)	(I)	(J)	(K)	(L)	(M)
Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
649	Electric Transmission	**$ 13,308.61**	**$ 203,613.58**	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**
650	Electric Transmission	$ -	$ 2,060.23			
651	Electric Transmission	**$ -**	**$ 2,060.23**	These projects replaced old high-maintenance or broken switches with new switches.	**SPS Zonal**	**SR**
652	Electric Transmission	$ -	$ 3,752.09			
653	Electric Transmission	132.76	3,379.47			
654	Electric Transmission	-	32,552.36			
655	Electric Transmission	**$ 132.76**	**$ 39,683.92**	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**
656	Electric Transmission	$ -	$ (118,819.12)			
657	Electric Transmission	**$ -**	**$ (118,819.12)**	This project funds major transmission line refurbishments which include projects with a large quantity of end of life replacements of defective transmission line components, predominately crossarm and pole/structure replacements. These "defective" components are identified as showing signs of deterioration where failure is likely in 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 several transmission lines as part of a multi-year program.	**SPS Zonal**	**SR**
658	Electric Transmission	$ 480.54	$ 232,741.71			
659	Electric Transmission	60,052.19	1,538,149.78			
660	Electric Transmission	20,888.83	783,149.91			
661	Electric Transmission	7,380.62	856,599.28			
662	Electric Transmission	**$ 88,802.18**	**$ 3,410,640.68**	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**
663	Electric Transmission	$ -	$ 2,281.87			
664	Electric Transmission	9,278.73	222,325.42			
665	Electric Transmission	12,237.67	219,819.01			
666	Electric Transmission	(581.08)	579.67			
667	Electric Transmission	14,323.50	445,929.23			
668	Electric Transmission	2,410.60	227.76			

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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) In-Service Date (year-month)	(F) Capital Additions (July 1, 2019 - September 30, 2020)	(G) XES Charges (Included in Column F)	(H) Other Affiliate Charges (Included in Column F)
669	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.002	SPS Sub Comm Network Group 1 S	201912	69.36	-	-
670	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.002	SPS Sub Comm Network Group 1 S	201912	271,169.54	4,309.36	-
671	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.002	SPS Sub Comm Network Group 1 S	202003	57,415.01	950.75	-
672	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.002	SPS Sub Comm Network Group 1 S	201910	0.12	-	-
673	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.002	SPS Sub Comm Network Group 1 S	202005	206,566.49	4,147.96	-
674	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.009	Kirby Fiber Ring Sub	202005	201,982.24	5,447.28	-
675	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.010	Kirby Jericho T-52 115kV Line	202005	445,493.12	16,843.00	-
676	Electric Transmission	**SPS Sub Communication Network Group 1 Total**				**$ 2,111,528.26**	**$ 69,367.77**	**$ -**
677	Electric Transmission	SPS Sub Communication Network Group 3	A.0000792.002	SPS Sub Comm Network Group 3 S	201909	$ 640.44	$ -	$ -
678	Electric Transmission	**SPS Sub Communication Network Group 3 Total**				**$ 640.44**	**$ -**	**$ -**
679	Electric Transmission	SPS Switch Replace	A.0000514.002	Plant X 115kV Switch Replacement	202002	$ 2,119,675.86	$ 6,969.56	$ -
680	Electric Transmission	SPS Switch Replace	A.0000514.004	Carlsbad 115kV Switch Replacement	202005	4,606,688.81	28,019.77	-
681	Electric Transmission	SPS Switch Replace	A.0000514.006	Pecos Sub Relay Upg-Carlsbad	202005	245,509.57	7,211.94	-
682	Electric Transmission	SPS Switch Replace	A.0000514.008	Denver City Sw W932/982/991/992	202007	29.19	42.65	-
683	Electric Transmission	**SPS Switch Replace Total**				**$ 6,971,903.43**	**$ 42,243.92**	**$ -**
684	Electric Transmission	SPS Trench CT/PT Replacement	A.0000094.001	Noble Substation 345kV	201207	$ 84.03	$ -	$ -
685	Electric Transmission	**SPS Trench CT/PT Replacement Total**				**$ 84.03**	**$ -**	**$ -**
686	Electric Transmission	SPS Walkemeyer 345 115 280 MVA SUB	A.0001310.002	Reterm 345KV Line Old J7	201806	$ (143,801.61)	$ -	$ -
687	Electric Transmission	SPS Walkemeyer 345 115 280 MVA SUB	A.0001310.003	Walkemeyer 345/115 Sub	201806	14,043.43	2,651.62	-
688	Electric Transmission	**SPS Walkemeyer 345 115 280 MVA SUB Total**				**$ (129,758.18)**	**$ 2,651.62**	**$ -**
689	Electric Transmission	sundown-amoco switch 230kV terminals	A.0000663.001	Sundown Sub, Amoco Terminal	201902	$ 96,052.18	$ -	$ -
690	Electric Transmission	sundown-amoco switch 230kV terminals	A.0000663.002	Amoco Sub, Sundown Terminal	201902	80,755.99	-	-
691	Electric Transmission	sundown-amoco switch 230kV terminals	A.0000663.005	K03 Structure Upgrade	201902	8,314.60	-	-

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	(A)	(I)	(J)	(K)	(L)	(M)
Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
669	Electric Transmission	-	69.36			
670	Electric Transmission	4,309.36	266,860.18			
671	Electric Transmission	950.75	56,464.26			
672	Electric Transmission	-	0.12			
673	Electric Transmission	4,147.96	202,418.53			
674	Electric Transmission	5,447.28	196,534.96			
675	Electric Transmission	16,843.00	428,650.12			
676	Electric Transmission	**$ 69,367.77**	**$ 2,042,160.49**	These projects provided for the construction of a fiber optics communication infrastructure within the SPS region. The first leg of a multi-year effort started 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**
677	Electric Transmission	$ -	$ 640.44			
678	Electric Transmission	**$ -**	**$ 640.44**	These projects provided for the construction of a fiber optics communication infrastructure within the SPS region. This third 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**
679	Electric Transmission	$ 6,969.56	$ 2,112,706.30			
680	Electric Transmission	28,019.77	4,578,669.04			
681	Electric Transmission	7,211.94	238,297.63			
682	Electric Transmission	42.65	(13.46)			
683	Electric Transmission	**$ 42,243.92**	**$ 6,929,659.51**	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**
684	Electric Transmission	$ -	$ 84.03			
685	Electric Transmission	**$ -**	**$ 84.03**	This project replaced the current transformers and potential transformers for metering for a new wind farm that did not materialize. The charges for this work were moved from the capital work order to an expense account; however, an excess of $84.03 more than the actual charges was moved to the expense account. This capital addition amount will zero out the negative balance in the capital account.	**SPS Zonal**	**GI**
686	Electric Transmission	$ -	$ (143,801.61)			
687	Electric Transmission	2,651.62	11,391.81			
688	Electric Transmission	**$ 2,651.62**	**$ (132,409.80)**	This project constructed the new Carpenter Switching Station (formerly Stevens County) which is located on the 345-kV line from Hitchland Interchange to Finney Switching Station. This project was needed to address low voltages in the area. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
689	Electric Transmission	$ -	$ 96,052.18			
690	Electric Transmission	-	80,755.99			
691	Electric Transmission	-	8,314.60			

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	In-Service Date (year-month)	Capital Additions (July 1, 2019 - September 30, 2020)	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)
692	Electric Transmission	**sundown-amoco switch 230kV terminals Total**				**$ 185,122.77**	**$ -**	**$ -**
693	Electric Transmission	T-30 Terminal Upgrades	A.0001042.002	T30 Structure Replacement	201911	$ 140,279.78	$ 5,044.87	$ -
694	Electric Transmission	T-30 Terminal Upgrades	A.0001042.004	T30 Structures RPLMT Full Cond TX	201911	73,574.54	506.41	-
695	Electric Transmission	**T-30 Terminal Upgrades Total**				**$ 213,854.32**	**$ 5,551.28**	**$ -**
696	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.010	Tierra Blanca 115kV Sub Land	202007	$ 930,510.48	$ 28,607.51	$ -
697	Electric Transmission	**Tierra Blanca 115kV Substation Total**				**$ 930,510.48**	**$ 28,607.51**	**$ -**
698	Electric Transmission	Tuco Intg 345/230kV Auto #1 upgrade	A.0000564.002	Tuco 345 Trsf Rplmnt Sub Portion	201805	$ 2,203,625.06	$ -	$ -
699	Electric Transmission	**Tuco Intg 345/230kV Auto #1 upgrade Total**				**$ 2,203,625.06**	**$ -**	**$ -**
700	Electric Transmission	TUCO Mooreland (Woodward)	A.0000417.015	TUCO-Mooreland Woodward TX ROW 2017	202008	$ 10,084.19	$ -	$ -
701	Electric Transmission	TUCO Mooreland (Woodward)	A.0000665.005	TUCO Mooreland Woodward TX RO	202004	258,822.15	-	-
702	Electric Transmission	**TUCO Mooreland (Woodward) Total**				**$ 268,906.34**	**$ -**	**$ -**
703	Electric Transmission	TUCO S 230 115 Xfmr Upgrade	A.0001316.001	TUCO S. 230/115 Xfmr Upgrade	201906	$ 4,225.96	$ 1,483.27	$ -
704	Electric Transmission	**TUCO S 230 115 Xfmr Upgrade Total**				**$ 4,225.96**	**$ 1,483.27**	**$ -**
705	Electric Transmission	TxDot Relocate	A.0001383.002	TxDot T 37 Relocate ROW	202004	$ 1,187,911.80	$ 1,099.46	$ -
706	Electric Transmission	**TxDot Relocate Total**				**$ 1,187,911.80**	**$ 1,099.46**	**$ -**
707	Electric Transmission	Unserviceable - Breakers - SPS	A.0000287.035	Potash 4920 Breaker Rplmnt	201710	$ (7,917.99)	$ -	$ -
708	Electric Transmission	Unserviceable - Breakers - SPS	A.0000798.012	Cole Rpl Breaker 0845	201612	(387,135.66)	-	-

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	(A)	(I)	(J)	(K)	(L)	(M)
Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
692	Electric Transmission	**$ -**	**$ 185,122.77**	This project upgraded the 230-kV Sundown and Amoco station line terminals and increased the transmission line clearance of the 230-kV line from Amoco to Sundown to provide a summer emergency rating of 547 MVA for this line segment. The system limitation caused by this line was identified in SPP's 2016 Near Term study. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
693	Electric Transmission	$ 5,044.87	$ 135,234.91			
694	Electric Transmission	506.41	73,068.13			
695	Electric Transmission	**$ 5,551.28**	**$ 208,303.04**	This project upgraded the existing T30 substation terminal elements at Hockley County Interchange and replaced eight transmission structures on the Hockley County Interchange to Lamb County Interchange line T30 to achieve a summer emergency rating of 143 MVA per SPP. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
696	Electric Transmission	$ 28,607.51	$ 901,902.97			
697	Electric Transmission	**$ 28,607.51**	**$ 901,902.97**	This project installed 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**
698	Electric Transmission	$ -	$ 2,203,625.06			
699	Electric Transmission	**$ -**	**$ 2,203,625.06**	This project upgraded the 345/230-kV transformer at TUCO Interchange. This project was one of the shared network upgrades required for the connection of generation projects approved by SPP in their DISIS 2014-002 study.	**Customer Funded**	**GI**
700	Electric Transmission	$ -	$ 10,084.19			
701	Electric Transmission	-	258,822.15			
702	Electric Transmission	**$ -**	**$ 268,906.34**	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**
703	Electric Transmission	$ 1,483.27	$ 2,742.69			
704	Electric Transmission	**$ 1,483.27**	**$ 2,742.69**	This project replaced the existing 230/115-kV, 250 MVA circuit 1 autotransformer at TUCO Substation with a new 284 MVA autotransformer. This project was needed to achieve a minimum emergency rating of 273 MVA for both the circuit 1 and circuit 2, 230/115-kV autotransformers at TUCO Substation. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
705	Electric Transmission	$ 1,099.46	$ 1,186,812.34			
706	Electric Transmission	**$ 1,099.46**	**$ 1,186,812.34**	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**
707	Electric Transmission	$ -	$ (7,917.99)			
708	Electric Transmission	-	(387,135.66)			

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709	Electric Transmission	**Unserviceable - Breakers - SPS Total**				**$ (395,053.65)**	**$ -**	**$ -**
710	Electric Transmission	Unserviceable - Relays - SPS	A.0000589.011	Roswell Int 115kV Buss Diff	201905	$ (18,320.41)	$ -	$ -
711	Electric Transmission	**Unserviceable - Relays - SPS Total**				**$ (18,320.41)**	**$ -**	**$ -**
712	Electric Transmission	V24 Terry & Wolfforth Terminal Upgrades	A.0001244.001	Terry Co Sub V24 Term Upgrade	201912	$ 356,236.23	$ 3,750.35	$ -
713	Electric Transmission	V24 Terry & Wolfforth Terminal Upgrades	A.0001244.003	V24 T Line	202002	183,185.14	20,635.36	-
714	Electric Transmission	**V24 Terry & Wolfforth Terminal Upgrades Total**				**$ 539,421.37**	**$ 24,385.71**	**$ -**
715	Electric Transmission	V55 Terminal Upgrades	A.0001147.002	V55 Terry Co Terminal	201912	$ 351,383.83	$ 12,675.17	$ -
716	Electric Transmission	**V55 Terminal Upgrades Total**				**$ 351,383.83**	**$ 12,675.17**	**$ -**
717	Electric Transmission	V63 Reconductor Etter Rural - Moore Co 115kV Line	A.0001050.003	Upgr Etter Rural 115kV (V63) Term t	202003	$ 275.47	$ 280.99	$ -
718	Electric Transmission	**V63 Reconductor Etter Rural - Moore Co 115kV Line Total**				**$ 275.47**	**$ 280.99**	**$ -**
719	Electric Transmission	W26 Reconductor Cunningham-Monument Tap	A.0000635.001	W-26 Cunningham-Monument Tap wreck	201912	$ 3,825,158.02	$ 119,433.89	$ -
720	Electric Transmission	W26 Reconductor Cunningham-Monument Tap	A.0000635.002	Cunningham W-26 line terminal upgra	201912	293,851.58	(14,769.83)	-
721	Electric Transmission	W26 Reconductor Cunningham-Monument Tap	A.0000635.004	W26 Cunningham Monument Tap ROW	201909	199,768.59	414.18	-
722	Electric Transmission	**W26 Reconductor Cunningham-Monument Tap Total**				**$ 4,318,778.19**	**$ 105,078.24**	**$ -**
723	Electric Transmission	W40 Reconductor Canyon West-Deaf Smith	A.0001319.007	W40 Recond Canyon WDeaf Smith	201802	$ 1,880.78	$ 1,996.24	$ -
724	Electric Transmission	W40 Reconductor Canyon West-Deaf Smith	A.0001319.009	Canyon West Sub W40 Term Upgr	201802	130,907.68	-	-
725	Electric Transmission	W40 Reconductor Canyon West-Deaf Smith	A.0001319.011	Deaf Smith W40 Term Upgr	201811	(2,479.12)	4,855.49	-
726	Electric Transmission	**W40 Reconductor Canyon West-Deaf Smith Total**				**$ 130,309.34**	**$ 6,851.73**	**$ -**
727	Electric Transmission	W71 Terminal Upgrades at Coulter	A.0001054.001	Coulter Switch Replacemnts	202004	$ 256,159.04	$ 34.53	$ -
728	Electric Transmission	**W71 Terminal Upgrades at Coulter Total**				**$ 256,159.04**	**$ 34.53**	**$ -**
729	Electric Transmission	W77 Canyon East Tap to Arrowhead	A.0002055.001	W77 Canyon East Tap to Arrowhe	202003	$ 6,161,478.74	$ 222,259.50	$ -
730	Electric Transmission	W77 Canyon East Tap to Arrowhead	A.0002055.003	Wreckout and Rebuild ROW	201912	143,861.89	6,247.62	-
731	Electric Transmission	**W77 Canyon East Tap to Arrowhead Total**				**$ 6,305,340.63**	**$ 228,507.12**	**$ -**
732	Electric Transmission	W77 T75 Reconductor Arrowhead to Randall	A.0001325.006	W77-T75Recond ArrowheadRandall	201905	$ (104,627.81)	$ 10,273.14	$ -
733	Electric Transmission	W77 T75 Reconductor Arrowhead to Randall	A.0001325.007	W77 Reconductor Arrowhead to Randal	201905	45,383.96	-	-
734	Electric Transmission	W77 T75 Reconductor Arrowhead to Randall	A.0001325.008	V04 Reconductor	201906	0.12	-	-
735	Electric Transmission	W77 T75 Reconductor Arrowhead to Randall	A.0001325.010	K87 Line Crossing upgrade	201904	24,591.57	-	-
736	Electric Transmission	W77 T75 Reconductor Arrowhead to Randall	A.0001325.011	K62 Line crossing Upgrade	201906	(35,902.75)	-	-

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Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
709	Electric Transmission	**$ -**	**$ (395,053.65)**	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**
710	Electric Transmission	$ -	$ (18,320.41)			
711	Electric Transmission	**$ -**	**$ (18,320.41)**	This project replaced relays determined to be unserviceable during maintenance or testing activities. This work was done at multiple substations as part of a multi-year program.	**SPS Zonal**	**SR**
712	Electric Transmission	$ 3,750.35	$ 352,485.88			
713	Electric Transmission	20,635.36	162,549.78			
714	Electric Transmission	**$ 24,385.71**	**$ 515,035.66**	This project upgraded the existing V24 substation terminal elements at both Wolfforth Interchange and Terry County Interchange and replaced five transmission structures to achieve a summer emergency rating of 230 MVA per SPP. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
715	Electric Transmission	$ 12,675.17	$ 338,708.66			
716	Electric Transmission	**$ 12,675.17**	**$ 338,708.66**	This project upgraded the existing V55 substation terminal elements at Terry County Interchange to achieve a summer emergency rating of 175 MVA per SPP. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
717	Electric Transmission	$ 280.99	$ (5.52)			
718	Electric Transmission	**$ 280.99**	**$ (5.52)**	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**
719	Electric Transmission	$ 119,433.89	$ 3,705,724.13			
720	Electric Transmission	(14,769.83)	308,621.41			
721	Electric Transmission	414.18	199,354.41			
722	Electric Transmission	**$ 105,078.24**	**$ 4,213,699.95**	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**
723	Electric Transmission	$ 1,996.24	$ (115.46)			
724	Electric Transmission	-	130,907.68			
725	Electric Transmission	4,855.49	(7,334.61)			
726	Electric Transmission	**$ 6,851.73**	**$ 123,457.61**	This project wrecked out and rebuilt 26 miles of 115-kV transmission line running from Canyon West Substation to Deaf Smith Interchange. This project was needed to eliminate the overloading of this segment during certain system conditions. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
727	Electric Transmission	$ 34.53	$ 256,124.51			
728	Electric Transmission	**$ 34.53**	**$ 256,124.51**	This project upgraded the existing W71 substation terminal elements at both Coulter Interchange and Puckett Substation to achieve a summer emergency rating of 175 MVA per SPP. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
729	Electric Transmission	$ 222,259.50	$ 5,939,219.24			
730	Electric Transmission	6,247.62	137,614.27			
731	Electric Transmission	**$ 228,507.12**	**$ 6,076,833.51**	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**
732	Electric Transmission	$ 10,273.14	$ (114,900.95)			
733	Electric Transmission	-	45,383.96			
734	Electric Transmission	-	0.12			
735	Electric Transmission	-	24,591.57			
736	Electric Transmission	-	(35,902.75)			

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	In-Service Date (year-month)	Capital Additions (July 1, 2019 - September 30, 2020)	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)
737	Electric Transmission	**W77 T75 Reconductor Arrowhead to Randall Total**				**$ (70,554.91)**	**$ 10,273.14**	**$ -**
738	Electric Transmission	Western St Sub (TAM)	A.0001137.001	U-31 reterm Western St Sub	202005	$ 212,889.87	$ 1,885.51	$ -
739	Electric Transmission	Western St Sub (TAM)	A.0001137.002	U-30 reterm Western St Sub	202005	170,827.60	1,627.78	-
740	Electric Transmission	Western St Sub (TAM)	A.0001137.003	Western St Sub U-30 terminal (Coult	202005	1,384,136.68	10,623.33	-
741	Electric Transmission	Western St Sub (TAM)	A.0001137.004	Western St Sub U-31 terminal (S Geo	202005	745,490.86	40,713.89	-
742	Electric Transmission	Western St Sub (TAM)	A.0001137.005	SOGE, U-31 terminal	202005	107,097.78	492.81	-
743	Electric Transmission	Western St Sub (TAM)	A.0001137.006	CLTR, U-30 terminal	202004	151,750.67	507.56	-
744	Electric Transmission	**Western St Sub (TAM) Total**				**$ 2,772,193.46**	**$ 55,850.88**	**$ -**
745	Electric Transmission	Xfmr Spare Security SPS	A.0000776.003	Spare 230 115 250 MVA	202001	$ 2,349,257.11	$ 14,292.86	$ -
746	Electric Transmission	**Xfmr Spare Security SPS Total**				**$ 2,349,257.11**	**$ 14,292.86**	**$ -**
747	Electric Transmission	Yoakum 115kV BFR	A.0000658.001	Yoakum	201902	$ (47,060.92)	$ 32.28	$ -
748	Electric Transmission	Yoakum 115kV BFR	A.0000658.002	Seagraves	201901	30,859.62	-	-
749	Electric Transmission	**Yoakum 115kV BFR Total**				**$ (16,201.30)**	**$ 32.28**	**$ -**
750	Electric Transmission	Yoakum Intg. 230/115 Transformer Upgrades	A.0001326.001	Yoakum 230/115 Xfmr 1 Upgrade	201903	$ 91,196.25	$ 178.77	$ -
751	Electric Transmission	Yoakum Intg. 230/115 Transformer Upgrades	A.0001326.003	Yoakum 230/115 Transformer 2 Upgrad	201905	(389,839.71)	481.26	-
752	Electric Transmission	**Yoakum Intg. 230/115 Transformer Upgrades Total**				**$ (298,643.46)**	**$ 660.03**	**$ -**
753	Electric Transmission	Z18 Tuco Plainview Rebuild	A.0000538.008	Z18 Tuco-Plainview Line	201912	$ 650,670.72	$ 101,403.12	$ -
754	Electric Transmission	**Z18 Tuco Plainview Rebuild Total**				**$ 650,670.72**	**$ 101,403.12**	**$ -**
755	Electric Transmission	Z66 Booker/Wade Conversion	A.0000646.002	Perryton Substation Sub	201904	$ 316,421.71	$ 93.38	$ -
756	Electric Transmission	Z66 Booker/Wade Conversion	A.0000646.020	Perryton South Sub Removal	201906	784.63	-	-
757	Electric Transmission	**Z66 Booker/Wade Conversion Total**				**$ 317,206.34**	**$ 93.38**	**$ -**
758	**lectric Transmission Total**					**$ 258,803,966.75**	**$ 3,188,878.16**	**$ 422.86**

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	(A)	(I)	(J)	(K)	(L)	(M)
Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
737	Electric Transmission	**$ 10,273.14**	**$ (80,828.05)**	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**
738	Electric Transmission	$ 1,885.51	$ 211,004.36			
739	Electric Transmission	1,627.78	169,199.82			
740	Electric Transmission	10,623.33	1,373,513.35			
741	Electric Transmission	40,713.89	704,776.97			
742	Electric Transmission	492.81	106,604.97			
743	Electric Transmission	507.56	151,243.11			
744	Electric Transmission	**$ 55,850.88**	**$ 2,716,342.58**	This project installed a 28 MVA, 115/13.2-kV distribution substation named Western Street located in Amarillo, Texas. This substation was needed to serve new load in the area and to provide contingency back-up capacity for the other distribution substations in the area.	**SPS Zonal**	**LI**
745	Electric Transmission	$ 14,292.86	$ 2,334,964.25			
746	Electric Transmission	**$ 14,292.86**	**$ 2,334,964.25**	This project purchased spare transmission-voltage transformers to provide reserve units in the event of a failure of one of the numerous similar transformers in service in the SPS service area.	**SPS Zonal**	**SR**
747	Electric Transmission	$ 32.28	$ (47,093.20)			
748	Electric Transmission	-	30,859.62			
749	Electric Transmission	**$ 32.28**	**$ (16,233.58)**	This project installed Breaker Failure Relay (BFR) protection on all the 115-kV breakers at Yoakum Co. Interchange. Installing BFR protection reduces the clearing time of the fault during a stuck breaker event, which has been determined to cause major generation and transmission system impacts for certain breaker failure events.	**SPS Zonal**	**RE**
750	Electric Transmission	$ 178.77	$ 91,017.48			
751	Electric Transmission	481.26	(390,320.97)			
752	Electric Transmission	**$ 660.03**	**$ (299,303.49)**	This project replaced the two existing 230/115-kV, 150 MVA autotransformers at Yoakum County Interchange with two new 250 MVA transformers. This project was needed to prevent the overloading of one of the 150 MVA transformers for the contingency of the other 150 MVA transformer being unavailable. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
753	Electric Transmission	$ 101,403.12	$ 549,267.60			
754	Electric Transmission	**$ 101,403.12**	**$ 549,267.60**	This project was for a complete wreck out and rebuild of 18.1 miles of 4/0 ACSR line from TUCO Substation to Hale County Substation using 477 ACSR conductors and new structures. This project was needed because of the poor physical condition of the existing line which was causing reliability issues. The small conductor was replaced with larger conductor to more closely match the higher conductor rating of the remaining portion of line Z18.	**SPS Zonal**	**SR**
755	Electric Transmission	$ 93.38	$ 316,328.33			
756	Electric Transmission	-	784.63			
757	Electric Transmission	**$ 93.38**	**$ 317,112.96**	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. The new source for these substations is the Ochiltree Substation 115-kV bus.	**SPS Zonal**	**RE**
758	**ectric Transmission Tot**	**$ 3,189,301.02**	**$ 255,614,665.73**			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	**Asset Class**	**WBS Level 1 Project Group Name**	**WBS Level 2 Number**	**WBS Level 2 Description**	**In-Service Date (year-month)**	**Capital Additions (July 1, 2019 - September 30, 2020)**	**XES Charges (Included in Column F)**	**Other Affiliate Charges (Included in Column F)**
759	Electric General	Amarillo West Upgrade	A.0000781.019	Outpost Comm	201906	$ (23,020.14)	$ 10.20	$ -
760	Electric General	**Amarillo West Upgrade Total**				**$ (23,020.14)**	**$ 10.20**	**$ -**
761	Electric General	Atoka-Eagle Creek	A.0000540.017	Atoka Comm Sub Portion Comm	201812	$ (3,501.81)	$ -	$ -
762	Electric General	**Atoka-Eagle Creek Total**				**$ (3,501.81)**	**$ -**	**$ -**
763	Electric General	Chevron South Eddy Fields Load Addition	A.0000175.002	Install 3 Way Switch Chevron Tap Co	201905	$ 811.00	$ -	$ -
764	Electric General	**Chevron South Eddy Fields Load Addition Total**				**$ 811.00**	**$ -**	**$ -**
765	Electric General	Cochran Co - Whiteface 115kv	A.0000194.006	Cochran RTU, Comm	201812	$ 56,301.16	$ -	$ -
766	Electric General	Cochran Co - Whiteface 115kv	A.0000194.007	Cochran Comm Equiup	201812	8,631.60	-	-
767	Electric General	**Cochran Co - Whiteface 115kv Total**				**$ 64,932.76**	**$ -**	**$ -**
768	Electric General	Deaf Smith 230kV Breaker Add	A.0000916.008	Bushland Comm	201907	$ 170,112.49	$ 2,850.93	$ -
769	Electric General	Deaf Smith 230kV Breaker Add	A.0000916.011	Deaf Smith 230kV breaker Add Sub Co	201904	2,247.98	-	-
770	Electric General	**Deaf Smith 230kV Breaker Add Total**				**$ 172,360.47**	**$ 2,850.93**	**$ -**
771	Electric General	Eddy County Dbl Bus Dbl Brker 230kV	A.0000290.008	Cunningham Intg Upgr Eddy Term Comm	201903	$ (59,827.86)	$ (282.80)	$ -
772	Electric General	Eddy County Dbl Bus Dbl Brker 230kV	A.0000290.009	Seven Rivers Upgr Eddy Term COMM	201908	(0.02)	-	-
773	Electric General	**Eddy County Dbl Bus Dbl Brker 230kV Total**				**$ (59,827.88)**	**$ (282.80)**	**$ -**
774	Electric General	ELR - Relay - SPS	A.0000401.051	East Plt 2K50 Relay Rplmnt Comm	201912	$ 29,481.91	$ 290.64	$ -
775	Electric General	ELR - Relay - SPS	A.0000401.053	Blackhawk 1H70 Relay Upg COMM	201904	16,788.37	-	-
776	Electric General	**ELR - Relay - SPS Total**				**$ 46,270.28**	**$ 290.64**	**$ -**
777	Electric General	Facility Upgrade Ancillary Equip	A.0001273.014	Coulter RTU Replacement	201910	$ 332,015.47	$ 875.00	$ -
778	Electric General	**Facility Upgrade Ancillary Equip Total**				**$ 332,015.47**	**$ 875.00**	**$ -**
779	Electric General	Fault Recorders - SPS	A.0000556.017	Jones #1 DFR	202006	$ 286,639.06	$ 11,644.17	$ -
780	Electric General	Fault Recorders - SPS	A.0000556.020	Tuco A&B DFR	202007	330,058.84	13,089.20	-
781	Electric General	Fault Recorders - SPS	A.0000556.022	Eddy County 115kV DFR NM	202008	304,721.12	12,960.66	-
782	Electric General	**Fault Recorders - SPS Total**				**$ 921,419.02**	**$ 37,694.03**	**$ -**
783	Electric General	GEN 2011-022 (Firewheel)	A.0000706.002	Hitchland Firewheel Comm	201711	$ (5,066.82)	$ -	$ -
784	Electric General	**GEN 2011-022 (Firewheel) Total**				**$ (5,066.82)**	**$ -**	**$ -**
785	Electric General	GEN 2012-020 Hale Co Wind, 478MW	A.0000902.002	TUCO RTU Addition Comm	201902	$ (115,624.60)	$ (5,173.85)	$ -

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	(A)	(I)	(J)	(K)	(L)	(M)
Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
759	Electric General	$ 10.20	$ (23,030.34)			
760	Electric General	**$ 10.20**	**$ (23,030.34)**	This project provided for new infrastructure to provide service for Amarillo's expansion to the west.	**SPS Zonal**	**RE**
761	Electric General	$ -	$ (3,501.81)			
762	Electric General	**$ -**	**$ (3,501.81)**	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**
763	Electric General	$ -	$ 811.00			
764	Electric General	**$ -**	**$ 811.00**	This project installed a three-way 115-kV switch on transmission line W-87 west of China Draw substation to provide a new 115-kV service point for a new substation owned by Chevron.	**SPS Zonal**	**LI**
765	Electric General	$ -	$ 56,301.16			
766	Electric General	-	8,631.60			
767	Electric General	**$ -**	**$ 64,932.76**	This project reconductored the 4.4 mile segment of the 69-kV transmission line from Cochran County Substation to structure number 55 at Whiteface Tap. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
768	Electric General	$ 2,850.93	$ 167,261.56			
769	Electric General	-	2,247.98			
770	Electric General	**$ 2,850.93**	**$ 169,509.54**	This project created a ring bus on the 230-kV side of the Deaf Smith Substation.	**SPS Zonal**	**RE**
771	Electric General	$ (282.80)	$ (59,545.06)			
772	Electric General	-	(0.02)			
773	Electric General	**$ (282.80)**	**$ (59,545.08)**	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**
774	Electric General	$ 290.64	$ 29,191.27			
775	Electric General	-	16,788.37			
776	Electric General	**$ 290.64**	**$ 45,979.64**	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**
777	Electric General	$ 875.00	$ 331,140.47			
778	Electric General	**$ 875.00**	**$ 331,140.47**	This project provided for the replacement of failing switches, jumpers and other ancillary equipment. This work was done at several substations as part of a multi-year program to replace equipment that is obsolete, for which parts are no longer available, or require significant operations and maintenance spend to keep it in service.	**SPS Zonal**	**SR**
779	Electric General	$ 11,644.17	$ 274,994.89			
780	Electric General	13,089.20	316,969.64			
781	Electric General	12,960.66	291,760.46			
782	Electric General	**$ 37,694.03**	**$ 883,724.99**	This project installed fault recorders for disturbance monitoring at substations.	**SPS Zonal**	**OT**
783	Electric General	$ -	$ (5,066.82)			
784	Electric General	**$ -**	**$ (5,066.82)**	This project constructed a new 345-kV terminal at Hitchland Interchange to provide an interconnection point for a new wind farm.	**Customer Funded**	**GI**
785	Electric General	$ (5,173.85)	$ (110,450.75)			

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	In-Service Date (year-month)	Capital Additions (July 1, 2019 - September 30, 2020)	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)
786	Electric General	**GEN 2012-020 Hale Co Wind, 478MW Total**				**$ (115,624.60)**	**$ (5,173.85)**	**$ -**
787	Electric General	GEN-2015-014 Lost Draw Substation	A.0000350.004	Lost Draw Comm	201810	$ (151,365.56)	$ -	$ -
788	Electric General	**GEN-2015-014 Lost Draw Substation Total**				**$ (151,365.56)**	**$ -**	**$ -**
789	Electric General	General Furniture	A.0005014.084	New Mexico Substation Furnitur	Routine	$ 6,850.06	$ -	$ -
790	Electric General	General Furniture	A.0005014.109	Gen Plt Ofc Furn TX	Routine	13,191.96	-	-
791	Electric General	**General Furniture Total**				**$ 20,042.02**	**$ -**	**$ -**
792	Electric General	Ink Basin Substation	A.0000481.003	New Ink Basin 230/115kV Substation	201905	$ 13,906.98	$ 58.36	$ -
793	Electric General	**Ink Basin Substation Total**				**$ 13,906.98**	**$ 58.36**	**$ -**
794	Electric General	Interconnection Milwaukee	A.0001079.005	Murphy Substation Communication	201904	$ 3,979.17	$ -	$ -
795	Electric General	Interconnection Milwaukee	A.0001079.007	Frankford Substation Communication	201904	8,876.39	-	-
796	Electric General	Interconnection Milwaukee	A.0001079.008	Quincy Substation Communication	201904	12,115.45	-	-
797	Electric General	**Interconnection Milwaukee Total**				**$ 24,971.01**	**$ -**	**$ -**
798	Electric General	Interconnection XTO Mahoney	A.0001008.004	Inst 230kV Sw Station Comm	201903	$ 23,167.70	$ -	$ -
799	Electric General	**Interconnection XTO Mahoney Total**				**$ 23,167.70**	**$ -**	**$ -**
800	Electric General	Lea Co Plains Sw Cap Bank	A.0001283.003	Business System Equip for Eng Acces	201805	$ (9,618.60)	$ -	$ -
801	Electric General	**Lea Co Plains Sw Cap Bank Total**				**$ (9,618.60)**	**$ -**	**$ -**
802	Electric General	LP L Relay Upgrades	A.0001067.003	Lubbock East Communication	201901	$ 267.50	$ -	$ -
803	Electric General	**LP L Relay Upgrades Total**				**$ 267.50**	**$ -**	**$ -**
804	Electric General	Lynn Co. 115/69 Xfmr #1 Upgrade	A.0001284.002	Lynn Co Comm	201905	$ 6,112.46	$ -	$ -
805	Electric General	**Lynn Co. 115/69 Xfmr #1 Upgrade Total**				**$ 6,112.46**	**$ -**	**$ -**
806	Electric General	Mustang-Shell CO2 115kV Line	A.0000979.006	Mustang Communications Sub Por	201904	$ (14,309.69)	$ -	$ -
807	Electric General	Mustang-Shell CO2 115kV Line	A.0000979.009	Shell Sub Comm Sub Portion S	201904	32,879.09	112.59	-
808	Electric General	**Mustang-Shell CO2 115kV Line Total**				**$ 18,569.40**	**$ 112.59**	**$ -**
809	Electric General	NE Hereford to New Center St. 115 kV Line	A.0000296.007	New Centre St Comm	201804	$ (212,859.09)	$ -	$ -
810	Electric General	NE Hereford to New Center St. 115 kV Line	A.0000296.009	NE Hereford Comm	201804	(3,100.75)	-	-

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	(A)	(I)	(J)	(K)	(L)	(M)
Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
786	Electric General	**$ (5,173.85)**	**$ (110,450.75)**	This project constructed a new 230-kV terminal at TUCO Interchange for the interconnection of the Hale County wind farm.	**Customer Funded**	**GI**
787	Electric General	$ -	$ (151,365.56)			
788	Electric General	**$ -**	**$ (151,365.56)**	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**
789	Electric General	$ -	$ 6,850.06			
790	Electric General	-	13,191.96			
791	Electric General	**$ -**	**$ 20,042.02**	This project purchased furniture, typically a desk and chairs, for control houses located in transmission substations.	**SPS Zonal**	**OT**
792	Electric General	$ 58.36	$ 13,848.62			
793	Electric General	**$ 58.36**	**$ 13,848.62**	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**
794	Electric General	$ -	$ 3,979.17			
795	Electric General	-	8,876.39			
796	Electric General	-	12,115.45			
797	Electric General	**$ -**	**$ 24,971.01**	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**
798	Electric General	$ -	$ 23,167.70			
799	Electric General	**$ -**	**$ 23,167.70**	This project installed the new Mahoney Switching Station to provide a new 230-kV service point to XTO. The customer paid for a portion of this project.	**SPS Zonal/Customer Funded**	**LI**
800	Electric General	$ -	$ (9,618.60)			
801	Electric General	**$ -**	**$ (9,618.60)**	This project installed a 14.4 MVAr capacitor bank. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
802	Electric General	$ -	$ 267.50			
803	Electric General	**$ -**	**$ 267.50**	This project upgraded the line protection relays, breaker controls and communication architecture at SPS's Lubbock East and Lubbock South Interchanges on the terminals providing 230-kV service to Lubbock Power and Light (LP&L).	**SPS Zonal**	**SR**
804	Electric General	$ -	$ 6,112.46			
805	Electric General	**$ -**	**$ 6,112.46**	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**
806	Electric General	$ -	$ (14,309.69)			
807	Electric General	112.59	32,766.50			
808	Electric General	**$ 112.59**	**$ 18,456.81**	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**
809	Electric General	$ -	$ (212,859.09)			
810	Electric General	-	(3,100.75)			

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	**Asset Class**	**WBS Level 1 Project Group Name**	**WBS Level 2 Number**	**WBS Level 2 Description**	**In-Service Date (year-month)**	**Capital Additions (July 1, 2019 - September 30, 2020)**	**XES Charges (Included in Column F)**	**Other Affiliate Charges (Included in Column F)**
811	Electric General	**NE Hereford to New Center St. 115 kV Line Total**				**$ (215,959.84)**	**$ -**	**$ -**
812	Electric General	OPIE 2 Kiowa-Road Runner 345kV Conv_PID 30639	A.0000424.094	Road Runner 345kV Sub Comms_UI	201910	$ 41,474.73	$ 95.40	$ -
813	Electric General	**OPIE 2 Kiowa-Road Runner 345kV Conv_PID 30639 Total**				**$ 41,474.73**	**$ 95.40**	**$ -**
814	Electric General	OPIE 3 Kiowa-China Draw 345kV_PID 30638	A.0000424.164	N Loving 345kV Sub Comms_UID 5	201805	$ 342.20	$ -	$ -
815	Electric General	OPIE 3 Kiowa-China Draw 345kV_PID 30638	A.0000424.168	China Draw 345kV Sub Comms_UID	201612	23.41	-	-
816	Electric General	OPIE 3 Kiowa-China Draw 345kV_PID 30638	A.0002057.003	China Draw EEE Furn	201904	(0.01)	-	-
817	Electric General	**OPIE 3 Kiowa-China Draw 345kV_PID 30638 Total**				**$ 365.60**	**$ -**	**$ -**
818	Electric General	OPIE Reconductor_PCA-Quahada	A.0000424.222	Quahada Communication	201807	$ (5,001.96)	$ -	$ -
819	Electric General	**OPIE Reconductor_PCA-Quahada Total**				**$ (5,001.96)**	**$ -**	**$ -**
820	Electric General	OPIE TUCO-Hobbs 345kV_PID 30376	A.0000673.032	Yoakum 345kV Sub Comms_UID 504	202007	$ 336,258.54	$ -	$ -
821	Electric General	**OPIE TUCO-Hobbs 345kV_PID 30376 Total**				**$ 336,258.54**	**$ -**	**$ -**
822	Electric General	Physical Security	A.0000710.007	NM Physical Security Comm	201712	$ 1,610.55	$ 1,610.55	$ -
823	Electric General	Physical Security	A.0000710.007	NM Physical Security Comm	201906	11,487.64	4,439.37	-
824	Electric General	Physical Security	A.0000710.008	SPS Physical Security Comm	201712	852.64	852.64	-
825	Electric General	Physical Security	A.0000710.008	SPS Physical Security Comm	201712	263.16	75.56	-
826	Electric General	Physical Security	A.0000710.008	SPS Physical Security Comm	201812	8,528.33	-	-
827	Electric General	Physical Security	A.0000710.008	SPS Physical Security Comm	201812	432.70	-	-
828	Electric General	Physical Security	A.0000710.008	SPS Physical Security Comm	201904	976.01	-	-
829	Electric General	**Physical Security Total**				**$ 24,151.03**	**$ 6,978.12**	**$ -**
830	Electric General	Plant X 115kV BFR	A.0000842.001	Plant X BFR RTU	202002	$ 649,399.61	$ 2,371.33	$ -
831	Electric General	Plant X 115kV BFR	A.0000842.005	Plant X Hale Co Relaying Comm	201905	28,582.51	-	-

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	(A)	(I)	(J)	(K)	(L)	(M)
Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
811	Electric General	**$ -**	**$ (215,959.84)**	This project constructed a new 115-kV line from Northeast Hereford Interchange to a new distribution substation named New Center St. (La Plata) to allow the 69-kV substation to be removed from the 69-kV Hereford Loop. This allowed the Hereford Interchange and the Northeast Hereford Interchange 115/69-kV transformers to stay under their ratings. This project was needed for system reliability. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
812	Electric General	$ 95.40	$ 41,379.33			
813	Electric General	**$ 95.40**	**$ 41,379.33**	This project installed new 345/115-kV transformers at the Kiowa and Roadrunner substations, 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**
814	Electric General	$ -	$ 342.20			
815	Electric General	-	23.41			
816	Electric General	-	(0.01)			
817	Electric General	**$ -**	**$ 365.60**	This project installed new 345/115-kV transformers at North Loving and China Draw substations. It also constructed a new 345-kV transmission line from Kiowa to North Loving to China Draw substation. The project was needed for reliability and SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
818	Electric General	$ -	$ (5,001.96)			
819	Electric General	**$ -**	**$ (5,001.96)**	This project wrecked out and rebuilt the 115-kV line between the PCA and Quahada substations near Carlsbad, New Mexico. This project was needed to address overloads in the area. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
820	Electric General	$ -	$ 336,258.54			
821	Electric General	**$ -**	**$ 336,258.54**	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**
822	Electric General	$ 1,610.55	$ -			
823	Electric General	4,439.37	7,048.27			
824	Electric General	852.64	-			
825	Electric General	75.56	187.60			
826	Electric General	-	8,528.33			
827	Electric General	-	432.70			
828	Electric General	-	976.01			
829	Electric General	**$ 6,978.12**	**$ 17,172.91**	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**
830	Electric General	$ 2,371.33	$ 647,028.28			
831	Electric General	-	28,582.51			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	**Asset Class**	**WBS Level 1 Project Group Name**	**WBS Level 2 Number**	**WBS Level 2 Description**	**In-Service Date (year-month)**	**Capital Additions (July 1, 2019 - September 30, 2020)**	**XES Charges (Included in Column F)**	**Other Affiliate Charges (Included in Column F)**
832	Electric General	**Plant X 115kV BFR Total**				**$ 677,982.12**	**$ 2,371.33**	**$ -**
833	Electric General	Puckett West Breaker Addition	A.0000574.007	Coulter Relay Mod, Sub, COMM	201706	$ 102.17	$ 102.17	$ -
834	Electric General	**Puckett West Breaker Addition Total**				**$ 102.17**	**$ 102.17**	**$ -**
835	Electric General	RB - Purnell Sub	A.0001061.003	Purnell 115kV Sub	201906	$ (846,483.07)	$ 1,115.00	$ -
836	Electric General	RB - Purnell Sub	A.0001061.005	Purnell Sub 115kV Sub Comm	201906	(9,202.74)	-	-
837	Electric General	**RB - Purnell Sub Total**				**$ (855,685.81)**	**$ 1,115.00**	**$ -**
838	Electric General	Roosevelt Cty 230 Brkr 1/2	A.0001353.001	Roosevelt Comm	201806	$ 24,602.60	$ -	$ -
839	Electric General	**Roosevelt Cty 230 Brkr 1/2 Total**				**$ 24,602.60**	**$ -**	**$ -**
840	Electric General	RTU - EMS Upgrade - SPS	A.0000588.011	Moore Co 115kV RTU Rplmnt	201812	$ 16,417.35	$ 76.76	$ -
841	Electric General	RTU - EMS Upgrade - SPS	A.0000588.031	Eddy County RTU	202008	554,773.35	41,288.84	-
842	Electric General	RTU - EMS Upgrade - SPS	A.0000588.032	Cunningham Station RTU Rplcmnt	202008	98,316.43	282.80	-
843	Electric General	RTU - EMS Upgrade - SPS	A.0000588.033	Seven Rivers RTU Rplcmnt	202008	114,623.40	-	-
844	Electric General	**RTU - EMS Upgrade - SPS Total**				**$ 784,130.53**	**$ 41,648.40**	**$ -**
845	Electric General	S&E - SPS Sub	A.0000220.032	Taylor Switching Station RTU Comm N	202001	$ 233,510.84	$ 10,793.88	$ -
846	Electric General	**S&E - SPS Sub Total**				**$ 233,510.84**	**$ 10,793.88**	**$ -**
847	Electric General	Security Access Control System	A.0001118.006	Lock and Key System TX	Routine	$ 1,418,859.25	$ 24,509.28	$ -
848	Electric General	Security Access Control System	A.0001118.007	Lock and Key System NM	Routine	531,726.77	4,998.81	-
849	Electric General	Security Access Control System	A.0001118.009	Lock and Key System OK	Routine	14,097.54	1,110.36	-
850	Electric General	**Security Access Control System Total**				**$ 1,964,683.56**	**$ 30,618.45**	**$ -**
851	Electric General	Sierra Substation (RIAC Conversion)	A.0001300.020	Roswell Intg New 115kV Terminal Com	201811	$ 179,068.94	$ -	$ -
852	Electric General	**Sierra Substation (RIAC Conversion) Total**				**$ 179,068.94**	**$ -**	**$ -**
853	Electric General	SPS Checkpoint Firewalls	A.0001218.001	Red Bluff Com Checkpoint Firewall N	201912	$ 14,169.16	$ 1,558.37	$ -
854	Electric General	SPS Checkpoint Firewalls	A.0001218.002	Pleasant Hill Com Checkpoint FW NM	201911	9,360.11	1,268.84	-
855	Electric General	SPS Checkpoint Firewalls	A.0001218.003	Pecos Com Checkpoint FW NM	201912	22,999.01	2,111.13	-
856	Electric General	SPS Checkpoint Firewalls	A.0001218.004	Maddox Com Checkpoint FW NM	201912	12,917.38	3,605.02	-
857	Electric General	SPS Checkpoint Firewalls	A.0001218.005	Carlsbad Intg Com Checkpoint FW NM	201912	22,834.32	8,223.30	-
858	Electric General	SPS Checkpoint Firewalls	A.0001218.006	Atoka Com Checkpoint FW NM	201905	(3,750.79)	(865.45)	-
859	Electric General	SPS Checkpoint Firewalls	A.0001218.008	Bowers Com Checkpoint FW TX	202008	48,606.72	6,326.96	-
860	Electric General	SPS Checkpoint Firewalls	A.0001218.009	Bru Com Checkpoint FW TX	201904	1,671.45	1,966.40	-
861	Electric General	SPS Checkpoint Firewalls	A.0001218.010	Cox Com Checkpoint FW TX	201912	21,582.51	5,903.45	-
862	Electric General	SPS Checkpoint Firewalls	A.0001218.012	Hastings Com Checkpoint FW TX	201911	19,695.78	1,963.72	-
863	Electric General	SPS Checkpoint Firewalls	A.0001218.013	Hereford Com Checkpoint FW TX	201911	19,140.50	1,165.99	-

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Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
832	Electric General	**$ 2,371.33**	**$ 675,610.79**	This project added breaker failure relaying to the 115-kV breakers at the Plant X Substation. This project was needed to address NERC compliance requirements as well as to mitigate stability and reliability issues on the transmission system.	**SPS Zonal**	**RE**
833	Electric General	$ 102.17	$ -			
834	Electric General	**$ 102.17**	**$ -**	This project installed two new 115-kV terminals and a new 500' transmission line tap at Puckett West Substation. This project increased the reliability of Puckett West Substation by making two transmission sources available to it. SPP issued SPS an NTC for this project.	**SPP Base Plan/SPS Zonal**	**RE**
835	Electric General	$ 1,115.00	$ (847,598.07)			
836	Electric General	-	(9,202.74)			
837	Electric General	**$ 1,115.00**	**$ (856,800.81)**	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**
838	Electric General	$ -	$ 24,602.60			
839	Electric General	**$ -**	**$ 24,602.60**	The project re-configured the Roosevelt County Substation 230-kV bus to a double-bus, double breaker configuration to accommodate the addition of the Pleasant Hill 230-kV line terminal. The upgraded configuration improves reliability and mitigates long-term outages in the event of a breaker that fails to open.	**SPS Zonal**	**RE**
840	Electric General	$ 76.76	$ 16,340.59			
841	Electric General	41,288.84	513,484.51			
842	Electric General	282.80	98,033.63			
843	Electric General	-	114,623.40			
844	Electric General	**$ 41,648.40**	**$ 742,482.13**	This project replaced remote terminal units ("RTUs") that were at the end of their useful service life.	**SPS Zonal**	**OT**
845	Electric General	$ 10,793.88	$ 222,716.96			
846	Electric General	**$ 10,793.88**	**$ 222,716.96**	These projects provided for the storm and emergency work orders that repaired substation facilities damaged by inclement weather and natural disasters.	**SPS Zonal**	**SR**
847	Electric General	$ 24,509.28	$ 1,394,349.97			
848	Electric General	4,998.81	526,727.96			
849	Electric General	1,110.36	12,987.18			
850	Electric General	**$ 30,618.45**	**$ 1,934,065.11**	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**
851	Electric General	$ -	$ 179,068.94			
852	Electric General	**$ -**	**$ 179,068.94**	This project constructed a new 115-kV distribution substation and the conversion of a 2-mile, 69-kV transmission line to 115-kV operation. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
853	Electric General	$ 1,558.37	$ 12,610.79			
854	Electric General	1,268.84	8,091.27			
855	Electric General	2,111.13	20,887.88			
856	Electric General	3,605.02	9,312.36			
857	Electric General	8,223.30	14,611.02			
858	Electric General	(865.45)	(2,885.34)			
859	Electric General	6,326.96	42,279.76			
860	Electric General	1,966.40	(294.95)			
861	Electric General	5,903.45	15,679.06			
862	Electric General	1,963.72	17,732.06			
863	Electric General	1,165.99	17,974.51			

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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) In-Service Date (year-month)	(F) Capital Additions (July 1, 2019 - September 30, 2020)	(G) XES Charges (Included in Column F)	(H) Other Affiliate Charges (Included in Column F)
864	Electric General	SPS Checkpoint Firewalls	A.0001218.014	Kress Com Checkpoint FW TX	201908	14,716.92	1,610.07	-
865	Electric General	SPS Checkpoint Firewalls	A.0001218.015	Moore Com Checkpoint FW TX	201906	(923.06)	37.34	-
866	Electric General	SPS Checkpoint Firewalls	A.0001218.016	Muleshoe Valley Com Checkpoint FW T	201911	7,900.89	449.06	-
867	Electric General	SPS Checkpoint Firewalls	A.0001218.017	Swisher Com Checkpoint FW TX	201908	7,589.38	901.77	-
868	Electric General	SPS Checkpoint Firewalls	A.0001218.018	Lamton Comm Checkpoint FW TX	201911	17,974.70	2,170.68	-
869	Electric General	SPS Checkpoint Firewalls	A.0001218.019	Happy Interchange Comm Checkpoint F	202007	22,293.84	4,666.05	-
870	Electric General	**SPS Checkpoint Firewalls Total**				**$ 258,778.82**	**$ 43,062.70**	**$ -**
871	Electric General	SPS Frame Relay	A.0000948.003	NM Frame Relay Comm	201810	$ (11,089.46)	$ -	$ -
872	Electric General	SPS Frame Relay	A.0000948.004	TX Frame Relay Comm	201812	(7,006.03)	943.32	-
873	Electric General	SPS Frame Relay	A.0000948.004	TX Frame Relay Comm	201901	2,134.38	-	-
874	Electric General	**SPS Frame Relay Total**				**$ (15,961.11)**	**$ 943.32**	**$ -**
875	Electric General	SPS Group 1 Switch Replacements	A.0000153.003	SPS Trans Switch Comm	201902	$ (92.60)	$ -	$ -
876	Electric General	SPS Group 1 Switch Replacements	A.0000153.003	SPS Trans Switch Comm	201912	71,983.69	65.69	-
877	Electric General	SPS Group 1 Switch Replacements	A.0000153.003	SPS Trans Switch Comm	201905	(22,726.90)	-	-
878	Electric General	SPS Group 1 Switch Replacements	A.0000153.015	T131 SCHLD MOD REPL SOLAR AT STR 11	202007	3,447.47	-	-
879	Electric General	SPS Group 1 Switch Replacements	A.0000153.016	U12 SCHLD REPL CTRL BRD SW 4J194	202007	3,519.08	-	-
880	Electric General	SPS Group 1 Switch Replacements	A.0000153.018	Z052 SCHLD REPL BATT SW 4794 STR 2	202007	841.61	-	-
881	Electric General	**SPS Group 1 Switch Replacements Total**				**$ 56,972.35**	**$ 65.69**	**$ -**
882	Electric General	SPS Sub Communication Network Group 1	A.0000795.003	SPS Sub Comm Network Group 1 C	201812	$ 34,809.01	$ 2,027.67	$ -
883	Electric General	SPS Sub Communication Network Group 1	A.0000795.003	SPS Sub Comm Network Group 1 C	201910	1,075.65	1,071.79	-
884	Electric General	SPS Sub Communication Network Group 1	A.0000795.003	SPS Sub Comm Network Group 1 C	201912	422,958.19	7,129.93	-
885	Electric General	SPS Sub Communication Network Group 1	A.0000795.003	SPS Sub Comm Network Group 1 C	201912	143,684.96	2,570.16	-
886	Electric General	SPS Sub Communication Network Group 1	A.0000795.003	SPS Sub Comm Network Group 1 C	202003	177,330.61	6,184.19	-
887	Electric General	**SPS Sub Communication Network Group 1 Total**				**$ 779,858.42**	**$ 18,983.74**	**$ -**
888	Electric General	SPS Sub Communication Network Group 3	A.0000792.003	SPS Sub Comm Network Group 3 C	201907	$ (0.05)	$ -	$ -
889	Electric General	**SPS Sub Communication Network Group 3 Total**				**$ (0.05)**	**$ -**	**$ -**
890	Electric General	SPS Switch Replace	A.0000514.007	Carlsbad Comm Replacement	202005	$ 50,585.55	$ 2,869.89	$ -

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	(A)	(I)	(J)	(K)	(L)	(M)
Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
864	Electric General	1,610.07	13,106.85			
865	Electric General	37.34	(960.40)			
866	Electric General	449.06	7,451.83			
867	Electric General	901.77	6,687.61			
868	Electric General	2,170.68	15,804.02			
869	Electric General	4,666.05	17,627.79			
870	Electric General	**$ 43,062.70**	**$ 215,716.12**	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**
871	Electric General	$ -	$ (11,089.46)			
872	Electric General	943.32	(7,949.35)			
873	Electric General	-	2,134.38			
874	Electric General	**$ 943.32**	**$ (16,904.43)**	These projects installed communications equipment for control and monitoring of the various substations upgraded with this project.	**SPS Zonal**	**OT**
875	Electric General	$ -	$ (92.60)			
876	Electric General	65.69	71,918.00			
877	Electric General	-	(22,726.90)			
878	Electric General	-	3,447.47			
879	Electric General	-	3,519.08			
880	Electric General	-	841.61			
881	Electric General	**$ 65.69**	**$ 56,906.66**	These projects replaced old high-maintenance or broken switches with new switches.	**SPS Zonal**	**SR**
882	Electric General	$ 2,027.67	$ 32,781.34			
883	Electric General	1,071.79	3.86			
884	Electric General	7,129.93	415,828.26			
885	Electric General	2,570.16	141,114.80			
886	Electric General	6,184.19	171,146.42			
887	Electric General	**$ 18,983.74**	**$ 760,874.68**	These projects provided for the construction of a fiber optics communication infrastructure within the SPS region. The first leg of a multi-year effort started 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**
888	Electric General	$ -	$ (0.05)			
889	Electric General	**$ -**	**$ (0.05)**	These projects provided for the construction of a fiber optics communication infrastructure within the SPS region. This third 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**
890	Electric General	$ 2,869.89	$ 47,715.66			

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	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	In-Service Date (year-month)	Capital Additions (July 1, 2019 - September 30, 2020)	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)
891	Electric General	**SPS Switch Replace Total**				**$ 50,585.55**	**$ 2,869.89**	**$ -**
892	Electric General	SPS Walkemeyer 345 115 280 MVA SUB	A.0001310.008	Walkemeyer 345/115 Sub Comm	201806	(1,873.10)	-	-
893	Electric General	SPS Walkemeyer 345 115 280 MVA SUB	A.0001310.009	Finney J 25 Terminal UPLC	201910	(22.34)	-	-
894	Electric General	**SPS Walkemeyer 345 115 280 MVA SUB Total**				**$ (1,895.44)**	**$ -**	**$ -**
895	Electric General	Synchrophasors	A.0001063.002	NM Synchrophasors	201909	$ 84,640.93	$ 161.71	$ -
896	Electric General	Synchrophasors	A.0001063.002	NM Synchrophasors	201907	20,399.04	1,863.06	-
897	Electric General	Synchrophasors	A.0001063.003	TX Synchrophasors	201908	99,036.38	845.07	-
898	Electric General	Synchrophasors	A.0001063.003	TX Synchrophasors	201908	14,735.83	109.60	-
899	Electric General	Synchrophasors	A.0001063.003	TX Synchrophasors	201908	62,230.10	-	-
900	Electric General	Synchrophasors	A.0001063.003	TX Synchrophasors	201907	47,274.17	5,829.30	-
901	Electric General	Synchrophasors	A.0001063.003	TX Synchrophasors	201907	86,826.08	164.39	-
902	Electric General	Synchrophasors	A.0001063.003	TX Synchrophasors	201909	41,609.09	4,240.60	-
903	Electric General	Synchrophasors	A.0001063.004	Yoakum Synchrophasers	201908	12,087.75	-	-
904	Electric General	**Synchrophasors Total**				**$ 468,839.37**	**$ 13,213.73**	**$ -**
905	Electric General	Tools - Engineering	A.0006059.436	SPS Ops Engineering Tools	Routine	$ 83,387.04	$ -	$ -
906	Electric General	**Tools - Engineering Total**				**$ 83,387.04**	**$ -**	**$ -**
907	Electric General	Tools and Equipment	A.0006059.100	Tools Blanket TX Subs	202004	$ 280,994.81	$ -	$ -
908	Electric General	Tools and Equipment	A.0006059.509	Cell Phone Boosters SPS	202007	14,527.35	-	-
909	Electric General	**Tools and Equipment Total**				**$ 295,522.16**	**$ -**	**$ -**
910	Electric General	Tools COM Substation	A.0006059.063	SPS Sub Comm Tool Blanket	Routine	$ 461,799.83	$ -	$ -
911	Electric General	**Tools COM Substation Total**				**$ 461,799.83**	**$ -**	**$ -**
912	Electric General	Tools Line Field Ops	A.0006059.168	SPS Transmission Tool Blanket	202004	$ 107,956.83	$ -	$ -
913	Electric General	Tools Line Field Ops	A.0006059.432	Tool Blanket TX Line	Routine	679,713.53	-	-
914	Electric General	**Tools Line Field Ops Total**				**$ 787,670.36**	**$ -**	**$ -**
915	Electric General	Tools System Protection Comm Eng	A.0006059.088	SPS Sys Protect Comm Eng Testing Eq	201905	$ 48,954.52	$ -	$ -
916	Electric General	Tools System Protection Comm Eng	A.0006059.088	SPS Sys Protect Comm Eng Testing Eq	Routine	63,026.00	-	-
917	Electric General	**Tools System Protection Comm Eng Total**				**$ 111,980.52**	**$ -**	**$ -**
918	Electric General	Tools, Training Center	A.0006059.246	Tools Training Center SPS	202004	$ 83,566.59	$ -	$ -

Southwestern Public Service Company

Transmission Capital Additions
July 1, 2019 through September 30, 2020
Summary of Projects

	(A)	(I)	(J)	(K)	(L)	(M)
Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
891	Electric General	**$ 2,869.89**	**$ 47,715.66**	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**
892	Electric General	-	(1,873.10)			
893	Electric General	-	(22.34)			
894	Electric General	**$ -**	**$ (1,895.44)**	This project constructed the new Carpenter Switching Station (formerly Stevens County) which is located on the 345-kV line from Hitchland Interchange to Finney Switching Station. This project was needed to address low voltages in the area. SPP issued SPS an NTC for this project.	**SPP Base Plan**	**RE**
895	Electric General	$ 161.71	$ 84,479.22			
896	Electric General	1,863.06	18,535.98			
897	Electric General	845.07	98,191.31			
898	Electric General	109.60	14,626.23			
899	Electric General	-	62,230.10			
900	Electric General	5,829.30	41,444.87			
901	Electric General	164.39	86,661.69			
902	Electric General	4,240.60	37,368.49			
903	Electric General	-	12,087.75			
904	Electric General	**$ 13,213.73**	**$ 455,625.64**	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**
905	Electric General	$ -	$ 83,387.04			
906	Electric General	**$ -**	**$ 83,387.04**	This project purchased capital tools for engineering purposes, such as relays and test equipment for commissioning laboratories.	**SPS Zonal**	**OT**
907	Electric General	$ -	$ 280,994.81			
908	Electric General	-	14,527.35			
909	Electric General	**$ -**	**$ 295,522.16**	This project purchased tools and equipment for capital work at substations.	**SPS Zonal**	**OT**
910	Electric General	$ -	$ 461,799.83			
911	Electric General	**$ -**	**$ 461,799.83**	This project purchased capital tools for construction and maintenance activities.	**SPS Zonal**	**OT**
912	Electric General	$ -	$ 107,956.83			
913	Electric General	-	679,713.53			
914	Electric General	**$ -**	**$ 787,670.36**	This project purchased capital tools for the construction of capital projects.	**SPS Zonal**	**OT**
915	Electric General	$ -	$ 48,954.52			
916	Electric General	-	63,026.00			
917	Electric General	**$ -**	**$ 111,980.52**	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**
918	Electric General	$ -	$ 83,566.59			

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Transmission Capital Additions
July 1, 2019 through September 30, 2020
Summary of Projects

Line No.	(A) Asset Class	(B) WBS Level 1 Project Group Name	(C) WBS Level 2 Number	(D) WBS Level 2 Description	(E) In-Service Date (year-month)	(F) Capital Additions (July 1, 2019 - September 30, 2020)	(G) XES Charges (Included in Column F)	(H) Other Affiliate Charges (Included in Column F)
919	Electric General	Tools, Training Center	A.0006059.258	SPS Training Center Equipment	202004	85,775.59	-	-
920	Electric General	Tools, Training Center	A.0006059.434	SPS Training Center Tools	Routine	8,449.93	-	-
921	Electric General	Tools, Training Center	A.0006059.434	SPS Training Center Tools	Routine	62,186.04	-	-
922	Electric General	Tools, Training Center	A.0006059.506	SPS Training Center Equipmen	Routine	4,434.51	-	-
923	Electric General	**Tools, Training Center Total**				**$ 244,412.66**	**$ -**	**$ -**
924	Electric General	Transportation - SPS	A.0006056.165	Fleet New Units El Trans	201601	$ 38.88	$ -	$ -
925	Electric General	Transportation - SPS	A.0006056.165	Fleet New Units El Trans	201601	1,874.00	-	-
926	Electric General	Transportation - SPS	A.0006056.223	Fleet New Units El Trans NM	Routine	169,531.34	7,129.44	-
927	Electric General	Transportation - SPS	A.0006056.224	Fleet New Unit El Trans TX	Routine	2,157,294.24	17,085.62	-
928	Electric General	**Transportation - SPS Total**				**$ 2,328,738.46**	**$ 24,215.06**	**$ -**
929	Electric General	Yoakum 115kV BFR	A.0000658.006	Terry Co Comm	201811	$ 943.32	$ 943.32	$ -
930	Electric General	Yoakum 115kV BFR	A.0000658.007	Seagraves Comm	201903	2,838.62	-	-
931	Electric General	**Yoakum 115kV BFR Total**				**$ 3,781.94**	**$ 943.32**	**$ -**
932	**Electric General Total**					**$ 10,380,974.59**	**$ 234,455.30**	**$ -**
933	**Grand Total**					**$ 269,184,941.34**	**$ 3,423,333.46**	**$ 422.86**

Southwestern Public Service Company

Transmission Capital Additions
July 1, 2019 through September 30, 2020
Summary of Projects

	(A)	(I)	(J)	(K)	(L)	(M)
Line No.	**Asset Class**	**Total Affiliate Charges (Included in Column F)**	**Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)**	**WBS Level 1 Project Group Description**	**Cost Recovery Method**	**Project Category**
919	Electric General	-	85,775.59			
920	Electric General	-	8,449.93			
921	Electric General	-	62,186.04			
922	Electric General	-	4,434.51			
923	Electric General	**$ -**	**$ 244,412.66**	This project purchased capital tools to construct capital projects and capital tools to be used in the training center.	**SPS Zonal**	**OT**
924	Electric General	$ -	$ 38.88			
925	Electric General	-	1,874.00			
926	Electric General	7,129.44	162,401.90			
927	Electric General	17,085.62	2,140,208.62			
928	Electric General	**$ 24,215.06**	**$ 2,304,523.40**	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**
929	Electric General	$ 943.32	$ -			
930	Electric General	-	2,838.62			
931	Electric General	**$ 943.32**	**$ 2,838.62**	This project installed Breaker Failure Relay (BFR) protection on all the 115-kV breakers at Yoakum Co. Interchange. Installing BFR protection reduces the clearing time of the fault during a stuck breaker event, which has been determined to cause major generation and transmission system impacts for certain breaker failure events.	**SPS Zonal**	**RE**
932	**Electric General Total**	**$ 234,455.30**	**$ 10,146,519.29**			
933	**Grand Total**	**$ 3,423,756.32**	**$ 265,761,185.02**			

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Transmission Capital Additions
October 1, 2020 through December 31, 2020

	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	**Asset Class**	**Witness**	**Project Category**	**Additions to Plant-in-Service (October 1, 2020 - December 31, 2020)**	**Total Affiliate Charges (Included in Column D)**	**WBS Level 1 Project Group Name and Description**
1	Electric Transmission	Cooley	RE	$ 61,045,495.86		**OPIE 2 Kiowa-Eddy Co 345kV** - 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.
2	Electric Transmission	Cooley	LI	16,707,481.64		**OPIE 3 Malaga Bend** - 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 Interchange. This substation was needed to serve the rapidly increasing new distribution loads in the surrounding area.
3	Electric Transmission	Cooley	RE	14,117,277.71		**Mustang - Seminole 115kV Ckt1 New Line** - This project installed a 17-mile, 115-kV line and new substation 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.

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October 1, 2020 through December 31, 2020

	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	**Asset Class**	**Witness**	**Project Category**	**Additions to Plant-in-Service (October 1, 2020 - December 31, 2020)**	**Total Affiliate Charges (Included in Column D)**	**WBS Level 1 Project Group Name and Description**
4	Electric Transmission	Cooley	RE/LI	12,994,539.62		**OPIE 3 Roadrunner-China Draw 345kV** - 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.
5	Electric Transmission	Cooley	RE	10,541,507.61		**OPIE TUCO-Hobbs 345kV_PID 30376** - 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.

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Transmission Capital Additions
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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	**Asset Class**	**Witness**	**Project Category**	**Additions to Plant-in-Service (October 1, 2020 - December 31, 2020)**	**Total Affiliate Charges (Included in Column D)**	**WBS Level 1 Project Group Name and Description**
6	Electric Transmission	Cooley	SR	8,913,090.32		**S&E - SPS Line** - 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.
7	Electric Transmission	Cooley	LI	6,507,571.09		**OPIE 3 W 39 Rebuild** - 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.
8	Electric Transmission	Cooley	RE	5,987,735.79		**Sundown 230/115 Auto Upgrade** - 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.
9	Electric Transmission	Cooley	SR	3,911,147.08		**ELR - Breakers - SPS** - 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 several substations as part of a multi-year program to replace breakers that are obsolete, for which parts are no longer available, or require significant operations and maintenance spend to keep them in service.
10	Electric Transmission	Cooley	LI	2,954,430.30		**Hunsley Substation** - This project install the new Hunsley Hills distribution substation in Canyon, Texas. This new substation will provide additional distribution capacity to serve the existing and new loads in this area.

Southwestern Public Service Company

Transmission Capital Additions
October 1, 2020 through December 31, 2020

	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	**Asset Class**	**Witness**	**Project Category**	**Additions to Plant-in-Service (October 1, 2020 - December 31, 2020)**	**Total Affiliate Charges (Included in Column D)**	**WBS Level 1 Project Group Name and Description**
11	Electric Transmission	Cooley	OT	2,711,134.12		**SPS Sub Communication Network Group 1** - These projects provided for the construction of a fiber optics communication infrastructure within the SPS region. The first leg of a multi-year effort started 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.
12	Electric Transmission	Cooley	OT	2,221,650.31		**Physical Security** - 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.
13	Electric Transmission	Cooley	SR	1,976,872.96		**Spearman Breaker Replacements** - 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.
14	Electric Transmission	Cooley	SR	1,960,034.86		**SPS Group 1 Switch Replacements** - These projects replaced old high-maintenance or broken switches with new switches.

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	**Asset Class**	**Witness**	**Project Category**	**Additions to Plant-in-Service (October 1, 2020 - December 31, 2020)**	**Total Affiliate Charges (Included in Column D)**	**WBS Level 1 Project Group Name and Description**
15	Electric Transmission	Cooley	SR	1,851,272.97		**Carlisle Cap Bank Rplmt** - 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.
16	Electric Transmission	Cooley	OT	1,799,734.31		**TxDot Relocate** - 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.
17	Electric Transmission	Cooley	LI	1,704,431.79		**OPIE 3 Medanos Sub** - This project install the new Medanos distribution substation east of Carlsbad, New Mexico. This new substation will provide additional distribution capacity to serve the existing and new loads in this area.
18	Electric Transmission	Cooley	SR	1,621,197.94		**ELR RFL9300 Relays SPS** - 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.

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	**Asset Class**	**Witness**	**Project Category**	**Additions to Plant-in-Service (October 1, 2020 - December 31, 2020)**	**Total Affiliate Charges (Included in Column D)**	**WBS Level 1 Project Group Name and Description**
19	Electric Transmission	Cooley	SR	1,524,242.97		**S&E - SPS Sub** - These projects provided for the storm and emergency work orders that repaired substation facilities damaged by inclement weather and natural disasters.
20	Electric Transmission	Cooley	SR	1,475,044.98		**Line ELR SPS** - The term "ELR" stands for End of Life Replacement. This project provided for improvement work on transmission lines to address high priority capital defects, such as defective wood poles and cross arms, that were discovered through 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.
21	Electric Transmission	Cooley	LI	1,443,869.22		**DCP - White Deer Sub** - 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.
22	Electric Transmission	Cooley	SR	1,405,556.17		**Tuco SVC Control and Protection Repl** - 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.

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	**Asset Class**	**Witness**	**Project Category**	**Additions to Plant-in-Service (October 1, 2020 - December 31, 2020)**	**Total Affiliate Charges (Included in Column D)**	**WBS Level 1 Project Group Name and Description**
23	Electric Transmission	Cooley	RE	1,380,220.07		**SPS SPE Fault Clearing Relay Rplmnts** - 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.
24	Electric Transmission	Cooley	SR	1,172,314.33		**Sundown 115kV Capacitor Bank** - 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.
25	Electric Transmission	Cooley	RE	929,107.83		**NERC TPL Relay Improvements** - 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.
26	Electric Transmission	Cooley	RE	840,882.51		**Hale to Cox V07 Rebuild** - This project reconductored 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.

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	**Asset Class**	**Witness**	**Project Category**	**Additions to Plant-in-Service (October 1, 2020 - December 31, 2020)**	**Total Affiliate Charges (Included in Column D)**	**WBS Level 1 Project Group Name and Description**
27	Electric Transmission	Cooley	SR	827,052.14		**Z18 Tuco Plainview Rebuild** - This project was for a complete wreck out and rebuild of 18.1 miles of 4/0 ACSR line from TUCO Substation to Hale County Substation using 477 ACSR conductors and new structures. This project was needed because of the poor physical condition of the existing line which was causing reliability issues. The small conductor was replaced with larger conductor to more closely match the higher conductor rating of the remaining portion of line Z18.
28	Electric Transmission	Cooley	SR	712,074.24		**ELR - Relay - SPS** - 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.
29	Electric Transmission	Cooley	RE	489,775.54		**Cardinal Teague Record 115kV Line** - This project installed taller transmission line structures where identified to provide the necessary ground clearance to allow the existing conductors to be loaded to their full amperage rating. SPP issued SPS an NTC for this project.

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Line No.	(A) Asset Class	(B) Witness	(C) Project Category	(D) Additions to Plant-in-Service (October 1, 2020 - December 31, 2020)	(E) Total Affiliate Charges (Included in Column D)	(F) WBS Level 1 Project Group Name and Description
30	Electric Transmission	Cooley	SR	451,011.07		**SPS Major Line Refurbishment** - This project funds major transmission line refurbishments which include projects with a large quantity of end of life replacements of defective transmission line components, predominately crossarm and pole/structure replacements. These "defective" components are identified as showing signs of deterioration where failure is likely in 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 several transmission lines as part of a multi-year program.
31	Electric Transmission	Cooley	OT	338,294.65		**Pole Treatment Program** - 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.
32	Electric Transmission	Cooley	GI	315,043.57		**GEN-2011-025 Fiber Wind** - This project provided a 115-kV interconnection for Fiber Wind LLC's 80 MW wind energy facility located in Crosby County, Texas.
33	Electric Transmission	Cooley	SR	267,182.62		**SPIRe** - SPS's System Protection Infrastructure Replacement (SPIRe) program sponsors projects that provide compliance with NERC Standard PRC-005 requirements. This project upgraded the 230/115-kV transformer differential relaying and associated equipment at the East Plant Substation. This project is one part of an effort to modernize the relaying systems that protect SPS's Bulk Electric System (BES).

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	**Asset Class**	**Witness**	**Project Category**	**Additions to Plant-in-Service (October 1, 2020 - December 31, 2020)**	**Total Affiliate Charges (Included in Column D)**	**WBS Level 1 Project Group Name and Description**
34	Electric Transmission	Cooley	RE	217,428.75		**SPS Facility Rating Mitigation** - 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.
35	Electric Transmission	Cooley	OT	207,184.41		**Agreement Merrick** - This project removed and installed 1.2 miles of double-circuit transmission line to accommodate the expansion of the customer's building. The customer will reimburse SPS for 100% of the cost of this project.
36	Electric Transmission	Cooley	LI	194,216.40		**Interconnection XTO BEU** - 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.
37	Electric Transmission	Cooley	RE	186,700.15		**Tierra Blanca 115kV Substation** - This project installed 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.

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	**Asset Class**	**Witness**	**Project Category**	**Additions to Plant-in-Service (October 1, 2020 - December 31, 2020)**	**Total Affiliate Charges (Included in Column D)**	**WBS Level 1 Project Group Name and Description**
38	Electric Transmission	Cooley	RE	186,642.65		**McDowell Creek 230/115KV Sub** - This project constructed a new 230/115-kV interchange named McDowell Creek. This project mitigates the low voltage conditions on the transmission system for specific contingencies identified by SPP. SPP issued SPS an NTC for this project.
39	Electric Transmission	Cooley	OT	99,577.94		**Breaker Failure Monitoring** - 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.
40	Electric Transmission	Cooley	RE	98,544.95		**V72 Terminal Upgrades at Hale** - This project upgraded the transmission line V-72 115-kV terminal at Hale Co. Interchange and transmission line V-72 to provide a minimum of 159 MVA for the Summer Normal rating and 175 MVA for the Summer Emergency rating. This project was needed to increase the current carrying capacity of this key transmission line in the SPS region. SPP issued SPS an NTC for this project.
41	Electric Transmission	Cooley	GI/LI	69,554.21		**Interconnection XTO Cornell** - 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.
42	Electric Transmission	Cooley	LI	65,285.24		**Agreement Oxy Hess Amerada Hess** - 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.

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	**Asset Class**	**Witness**	**Project Category**	**Additions to Plant-in-Service (October 1, 2020 - December 31, 2020)**	**Total Affiliate Charges (Included in Column D)**	**WBS Level 1 Project Group Name and Description**
43	Electric Transmission	Cooley	OT	63,950.37		**SPS Sub Communication Network Group 2** - 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.
44	Electric Transmission	Cooley	LI	25,000.00		**Sisko Substation** - This project install the new Sisko distribution substation in Carlsbad, New Mexico. This new substation will provide additional distribution capacity to serve the existing and new loads in this area.
45	Electric Transmission	Cooley	RE	16,219.49		**Atoka-Eagle Creek** - 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.
46	Electric Transmission	Cooley	RE	15,008.02		**OPIE Hobbs-Kiowa 345kV_PID 30637** - This project installed new 345/115-kV transformers at the Hobbs Generating Plant and Kiowa interchanges. It also constructed a new 345-kV transmission line between Hobbs Generating Plant and Kiowa substations. The project was needed for reliability and SPP issued SPS an NTC for this project.

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Transmission Capital Additions
October 1, 2020 through December 31, 2020

	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	**Asset Class**	**Witness**	**Project Category**	**Additions to Plant-in-Service (October 1, 2020 - December 31, 2020)**	**Total Affiliate Charges (Included in Column D)**	**WBS Level 1 Project Group Name and Description**
47	Electric Transmission	Cooley	LI	6,100.36		**Legacy Robertson Conversion** - 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.
48	Electric Transmission	Cooley	RE/LI	4,150.69		**OPIE 2 DCP Zia 2 Quahada Project** - 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.
49	Electric Transmission	Cooley	RE	3,330.20		**V24 Terry & Wolfforth Terminal Upgrades** - This project upgraded the existing V24 substation terminal elements at both Wolfforth Interchange and Terry County Interchange and replaced five transmission structures to achieve a summer emergency rating of 230 MVA per SPP. SPP issued SPS an NTC for this project.
50	Electric Transmission	Cooley	RE	3,116.67		**Plant X Transformer 2 Addition** - 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.
51	Electric Transmission	Cooley	SR	1,113.18		**CVA Mitigation** - 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.

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Transmission Capital Additions
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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	**Asset Class**	**Witness**	**Project Category**	**Additions to Plant-in-Service (October 1, 2020 - December 31, 2020)**	**Total Affiliate Charges (Included in Column D)**	**WBS Level 1 Project Group Name and Description**
52	Electric Transmission	Cooley	RE	564.13		**OPIE 3 Ponderosa-Custer Mt115kV_PID 30694** - 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.
53	Electric Transmission	Cooley	RE	476.64		**OPIE N Loving-S Loving 115kV** - This project constructed approximately 3 miles of 115-kV transmission line from Loving North Substation to Loving South Substation and converted Loving South Substation from 69-kV to 115-kV operation. This upgrade was needed to reduce the 69-kV loading on the 115/69-kV transformers at Carlsbad Plant Interchange.
54	Electric Transmission	Cooley	EC/TI	466.28		**TUCO Mooreland (Woodward)** - 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.
55	Electric Transmission	Cooley	RE	252.70		**Z66 Booker/Wade Conversion** - 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. The new source for these substations is the Ochiltree Substation 115-kV bus.
56	Electric Transmission	Cooley	OT	138.70		**Fault Recorders - SPS** - This project installed fault recorders for disturbance monitoring at substations.

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	**Asset Class**	**Witness**	**Project Category**	**Additions to Plant-in-Service (October 1, 2020 - December 31, 2020)**	**Total Affiliate Charges (Included in Column D)**	**WBS Level 1 Project Group Name and Description**
57	Electric Transmission	Cooley	RE	76.45		**OPIE 1 Road Runner (Interc Potash Conn)** - 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.
58	Electric Transmission	Cooley	GI	42.72		**GEN 2014 033 Roswell Solar** - This project added new 115-kV terminals at Chaves County Interchange for solar farm interconnections and a capacitor bank.
59	Electric Transmission	Cooley	RE	30.99		**Curry to Bailey 115kV** - 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.
60	Electric Transmission	Cooley	RE	5.28		**STEP Newhart Interchange** - 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.
61	Electric Transmission	Cooley	LI	1.09		**Interconnection Milwaukee** - 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.

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Transmission Capital Additions
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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	**Asset Class**	**Witness**	**Project Category**	**Additions to Plant-in-Service (October 1, 2020 - December 31, 2020)**	**Total Affiliate Charges (Included in Column D)**	**WBS Level 1 Project Group Name and Description**
62	Electric Transmission	Cooley	EC/TI	(10,811.17)		**Hitchland to Woodward** - 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.
63	Electric Transmission	Cooley	OT	(19,554.19)		**Agreement Westmount Ford Development** - 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.
64	Electric Transmission	Cooley	SR	(19,636.16)		**Unserviceable - Breakers - SPS** - 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.
65	Electric Transmission	Cooley	GI	(46,294.42)		**Gen Upgrade Tolk X Reconductor** - 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.
66	Electric Transmission	Cooley	OT	(63,673.00)		**SPS Asset Sales** - This project sold SPS assets to Sharyland Utilities and sold a 69-kV line to Lea County Electric Cooperative.

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Line No.	(A) Asset Class	(B) Witness	(C) Project Category	(D) Additions to Plant-in-Service (October 1, 2020 - December 31, 2020)	(E) Total Affiliate Charges (Included in Column D)	(F) WBS Level 1 Project Group Name and Description
67	Electric Transmission	Cooley	RE	(165,321.01)		**Eddy County Dbl Bus Dbl Brker 230kV** - 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.
68	**Total Electric Transmission**			**$ 174,238,166.90**	**$ 2,149,100.30**	
69	Electric General Plant	Cooley	OT	$ 1,530,770.62		**Security Access Control System** - 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.
70	Electric General Plant	Cooley	OT	1,418,568.82		**Transportation - SPS** - 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.
71	Electric General Plant	Cooley	OT	804,039.12		**RTU - EMS Upgrade - SPS** - This project replaced remote terminal units ("RTUs") that were at the end of their useful service life.

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	**Asset Class**	**Witness**	**Project Category**	**Additions to Plant-in-Service (October 1, 2020 - December 31, 2020)**	**Total Affiliate Charges (Included in Column D)**	**WBS Level 1 Project Group Name and Description**
72	Electric General Plant	Cooley	RE	577,468.37		**SPS SPE Fault Clearing Relay Rplmnts** - 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.
73	Electric General Plant	Cooley	OT	505,908.57		**SPS Sub Communication Network Group 1** - These projects provided for the construction of a fiber optics communication infrastructure within the SPS region. The first leg of a multi-year effort started 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.
74	Electric General Plant	Cooley	OT	464,958.73		**Fault Recorders - SPS** - This project installed fault recorders for disturbance monitoring at substations.
75	Electric General Plant	Cooley	RE	211,837.77		**GSEC GB NP Howard-Miami** - 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.

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Transmission Capital Additions
October 1, 2020 through December 31, 2020

	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	**Asset Class**	**Witness**	**Project Category**	**Additions to Plant-in-Service (October 1, 2020 - December 31, 2020)**	**Total Affiliate Charges (Included in Column D)**	**WBS Level 1 Project Group Name and Description**
76	Electric General Plant	Cooley	RE/LI	197,788.96		**OPIE 3 Roadrunner-China Draw 345kV** - 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.
77	Electric General Plant	Cooley	RE	160,631.24		**OPIE 2 Kiowa-Eddy Co 345kV** - 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.
78	Electric General Plant	Cooley	OT	145,140.74		**Tools Line Field Ops** - This project purchased capital tools for the construction of capital projects.
79	Electric General Plant	Cooley	OT	141,728.73		**Tools - Engineering** - This project purchased capital tools for engineering purposes, such as relays and test equipment for commissioning laboratories.
80	Electric General Plant	Cooley	RE	138,061.89		**Sundown 230/115 Auto Upgrade** - 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.

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	**Asset Class**	**Witness**	**Project Category**	**Additions to Plant-in-Service (October 1, 2020 - December 31, 2020)**	**Total Affiliate Charges (Included in Column D)**	**WBS Level 1 Project Group Name and Description**
81	Electric General Plant	Cooley	SR	110,430.26		**Tuco SVC Control and Protection Repl** - 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.
82	Electric General Plant	Cooley	OT	98,266.13		**Tools COM Substation** - This project purchased capital tools for construction and maintenance activities.
83	Electric General Plant	Cooley	SR	81,033.87		**SPS Group 1 Switch Replacements** - These projects replaced old high-maintenance or broken switches with new switches.
84	Electric General Plant	Cooley	OT	70,879.33		**Tools, Training Center** - This project purchased capital tools to construct capital projects and capital tools to be used in the training center.
85	Electric General Plant	Cooley	SR	66,081.64		**S&E - SPS Sub** - These projects provided for the storm and emergency work orders that repaired substation facilities damaged by inclement weather and natural disasters.
86	Electric General Plant	Cooley	LI	60,078.42		**OPIE Enterprise S Eddy Tap** - 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.
87	Electric General Plant	Cooley	RE	53,055.35		**Mustang - Seminole 115kV Ckt1 New Line** - This project installed a 17-mile, 115-kV line and new substation 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.

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	**Asset Class**	**Witness**	**Project Category**	**Additions to Plant-in-Service (October 1, 2020 - December 31, 2020)**	**Total Affiliate Charges (Included in Column D)**	**WBS Level 1 Project Group Name and Description**
88	Electric General Plant	Cooley	LI	43,275.10		**Interconnection XTO BEU** - 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.
89	Electric General Plant	Cooley	SR	42,743.76		**ELR RFL9300 Relays SPS** - 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.
90	Electric General Plant	Cooley	OT	36,974.49		**Tools System Protection Comm Eng** - 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.

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	**Asset Class**	**Witness**	**Project Category**	**Additions to Plant-in-Service (October 1, 2020 - December 31, 2020)**	**Total Affiliate Charges (Included in Column D)**	**WBS Level 1 Project Group Name and Description**
91	Electric General Plant	Cooley	SR	30,285.60		**ELR - Relay - SPS** - 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.
92	Electric General Plant	Cooley	OT	19,955.82		**Physical Security** - 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.
93	Electric General Plant	Cooley	OT	14,700.21		**SPS Checkpoint Firewalls** - 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.
94	Electric General Plant	Cooley	OT	12,254.74		**Synchrophasors** - 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.

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	**Asset Class**	**Witness**	**Project Category**	**Additions to Plant-in-Service (October 1, 2020 - December 31, 2020)**	**Total Affiliate Charges (Included in Column D)**	**WBS Level 1 Project Group Name and Description**
95	Electric General Plant	Cooley	OT	10,047.98		**SPS Sub Communication Network Group 2** - 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.
96	Electric General Plant	Cooley	SR	9,036.35		**Carlisle Cap Bank Rplmt** - 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.
97	Electric General Plant	Cooley	OT	807.55		**General Furniture** - This project purchased furniture, typically a desk and chairs, for control houses located in transmission substations.
98	Electric General Plant	Cooley	SR	383.72		**Spearman Breaker Replacements** - 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.

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	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	**Asset Class**	**Witness**	**Project Category**	**Additions to Plant-in-Service (October 1, 2020 - December 31, 2020)**	**Total Affiliate Charges (Included in Column D)**	**WBS Level 1 Project Group Name and Description**
99	Electric General Plant	Cooley	RE	(968.29)		**OPIE TUCO-Hobbs 345kV_PID 30376** - 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.
100	Electric General Plant	Cooley	GI/LI	(8,805.72)		**Interconnection XTO Cornell** - 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.
101	**Total Electric General Plant**			**$ 7,047,419.87**	**$ 500,268.34**	
102	**Grand Total**			**$ 181,285,586.77**	**$ 2,649,368.64**	

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	▪ *Commission final need / route permit order specifics* ▪ *Acquisition of land rights* ▪ *Project design specifications & scope* ▪ *Material costs & lead times* ▪ *Construction schedule & cost*	▪ *Acquisition of land rights cost* ▪ *Material costs & lead times* ▪ *Construction schedule & cost*	▪ *Construction cost (weather, access, field conditions, etc.)*	

TOLK GENERATORS
CHANGE OF OPERATION STUDY

Transmission Planning South
Xcel Energy Services, Inc.

August 11, 2017

Executive Summary

Transmission Planning South has performed a system impact study for the limited operations of the Tolk 1 and 2 units only during the summer months. The purpose of this study is

- To determine the system impacts of not operating Tolk units during non-summer months i.e., light load (high wind) and winter peak scenario.
- To determine the benefits of converting existing units to synchronous condenser operation during the winter and spring periods.

The Tolk generators operating assumptions considered for this study are

- Between October, 2018 to May, 2019 operate both Tolk units at a partial capacity of 175MW
- Between October, 2019 to May, 2020 operate one Tolk unit at partial capacity of 175MW and other unit is shutdown
- Starting June 2020 operate both Tolk units only during the summer months

Both steady state and stability analysis were performed to study the system impact. Power flow analysis was performed on the 2012 and 2026 Light Load and Winter peak scenario 0 and 5 models representing the 2017 Southwest Power Pool (SPP) ITPNT Model Series. The stability analysis was performed on 2021 Light Load and Winter peak model representing the 2016 Southwest Power Pool (SPP) MDWG reduced Model Series. Also, to study the impact of high wind scenario a 2021 Light Load scenario 5 model was created with 100% firm wind output and no non-firm wind in the model.

NERC Planning Standard TPL-001-4 P1 single contingency (N-1) events and P3 multiple contingency (loss of generator followed by N-1 345kV and above transmission outage) events for facilities in SPS area were chosen for steady state contingency analysis and the NERC TPL-001-4 P1 events and P2 to P5 EHV events for facilities in SPS area were chosen for stability contingency analysis. NERC TPL-001-4 P1 and P2 to P5 EHV events were primarily chosen since non-consequential load loss or interruption of firm transmission service is not allowed. SPP analyzes the SPS system using many of the same disturbances.

The stability results showed unstable system conditions in 2021 Light Load Scenario 5 model for NERC TPL-001-4 P3 multiple contingency (loss of generator followed by N-1 transmission outage) events due to the high wind penetration and less fossil generation. Refer to Section 4 for the stability analysis results.

The power flow results case showed voltage collapse issues in 2021 Light Load Scenario 5 and 2026 winter peak scenario 5 models for NERC TPL-001-4 P1 single contingency (N-1) and P3 multiple contingency (loss of generator followed by N-1 transmission outage) events due to their high wind penetration and less fossil generation. Refer to Section 4 for the steady state analysis results.

This system impact study performed showed the need to convert one of the Tolk units to synchronous condenser operation immediately and later it is required to convert both the Tolk units to synchronous condenser operation by the mid-2020s to mitigate TPL-001-4 P3 multiple contingency (loss of generator followed by N-1) event issues.

It is also observed that there is a huge real power deficiency in the SPS area by mid 2020s causing severe steady state issues. Conversion of both the Tolk units to synchronous condenser operation alone cannot mitigate all the transmission system performance issues in later years. New generation installation will greatly improve system performance with real and reactive power capability with the changed operation of the Tolk units.

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1. Introduction

Transmission Planning South has performed a system impact study for the limited operations of the Tolk 1 and 2 units only during the summer months.

The generator operating assumptions considered for this study are

- Between October, 2018 to May, 2019 operate both Tolk units at a partial capacity of 175MW
- Between October, 2019 to May, 2020 operate one Tolk unit at partial capacity of 175MW and other unit is shutdown
- Starting June 2020 operate both Tolk units only during the summer months

The purpose of this study is

- To determine the system impacts of not operating Tolk units during non-summer months i.e., light load (high wind) and winter peak scenario.
- To determine the benefits of converting existing units to synchronous condenser operation during the winter and spring periods.

2. Study Methodology

This study was performed using the Power Technologies, Inc. ("PTI") Power System Simulator for Engineering (PSS/E) program version 33.7.0 and contains a steady-state analysis using AC Contingency Checking (ACCC) with a Fixed Slope Decoupled Newton–Raphson (FDNS) solution. The study was conducted to ensure that current NERC Planning Standards[1] are fulfilled. As an example, for system intact conditions, bus voltages must be maintained between 0.95 – 1.05 per unit of their nominal value and thermal system intact conditions must not exceed their designated A-rating. For contingencies, the voltages are allowed to deviate between 0.90 – 1.05 per-unit of their nominal value. Additionally, the loading on transmission system equipment cannot exceed 100% of the emergency B-rating.

The existing generators in the SPS area were re-dispatched and no additional or new generators were turned on to compensate for the generation deficiency in the system. The remaining generation was imported from the neighboring area into SPS area.

3. Study Assumptions[2]

Both steady state and stability analysis were performed to study the system impact. Power flow analysis was performed on the 2012 and 2026 Light Load and Winter peak scenario 0 and 5 models representing the 2017 Southwest Power Pool (SPP) ITPNT Model Series. The stability analysis was performed on 2021 Light Load and Winter peak model representing the 2016 Southwest Power Pool (SPP) MDWG reduced Model Series. Also, to study the impact of high wind scenario a 2021 Light Load scenario 5 model was created with 100% firm wind output and no non-firm wind in the model.

The Tolk generator's operating assumptions considered for this study are

- Between October, 2018 to May, 2019 operate both Tolk units at a partial capacity of 175MW
- Between October, 2019 to May, 2020 operate one Tolk unit at partial capacity of 175MW and other unit is shutdown

[1] Requirement for NERC TPL-001-4
[2] Requirement for FAC 002-R1.5

- Starting June 2020 operate both Tolk units only during the summer months

4. Results

NERC Planning Standard TPL-001-4 P1 single contingency (N-1) events and P3 multiple contingency (loss of generator followed by N-1 345kV and above transmission outage) events for facilities in SPS area were chosen for steady state contingency analysis and all the NERC TPL-001-4 P1 events and P2 to P5 EHV events for facilities in SPS area were chosen for stability contingency analysis. NERC TPL-001-4 P1 and P2 to P5 EHV events were primarily chosen since non-consequential load loss or interruption of firm transmission service is not allowed. SPP analyses the SPS system using many of the same disturbances.

Stability Analysis:

2021 Light Load scenario 5 case showed system instability for NERC TPL-001-4 P3 multiple contingency (loss of generator followed by N-1 345kV and above transmission outage) events due to the high wind penetration and less fossil generation. Below Table 1 shows the stability analysis results.

Table 1: Stability Analysis Results

Year	NERC TPL-001-4 event	Contingency 1	Contingency 2	Stability Analysis Results		Comments
				Tolk Unit1 and 2 OFF	Tolk unit 1 converted to Synchronous Condenser; Tolk unit 2 OFF	
2021L5	P3	Hobbs unit 1&3	Tuco to OKU 345kV (J01)	Unstable (Figure 1)	Stable	Loss of Hobbs 1 causes Hobbs 3 a steam unit to turn off (Hobbs 2 is already off in model)
2021L5	P3	Hobbs unit 1&3	Tuco to Border 345kV (J11)	Unstable (Figure 2)	Stable	
2021L5	P3	Hobbs unit 1&3	Crossroads to Eddy 345kV (J02)	Un-damped oscillations observed	Stable	
2021L5	P3	Hobbs unit 1&3	Tuco to Yoakum 345kV (J17)	Un-damped oscillations observed	Stable	
2021L5	P3	Hobbs unit 1&3	HOBBS to KIOWA (J20)	Un-damped oscillations observed	Stable	
2021L5	P3	Hobbs unit 1&3	HOBBS to YOAKUM (J18)	Un-damped oscillations observed	Stable	
2021L5	P3	Hobbs unit 3	Tuco to OKU 345kV (J01)	Un-damped oscillations observed	Stable	

Figures 1 and 2 to below show the stability plots for unstable events listed in the above Table 1. The plots show angular instability and system collapse for the loss of Hobbs unit 1 and 3 followed by Tuco to OKU 345kV (J01) line and Tuco to Border 345kV (J11) line respectively. Refer to Appendix A for the stability analysis result plots.

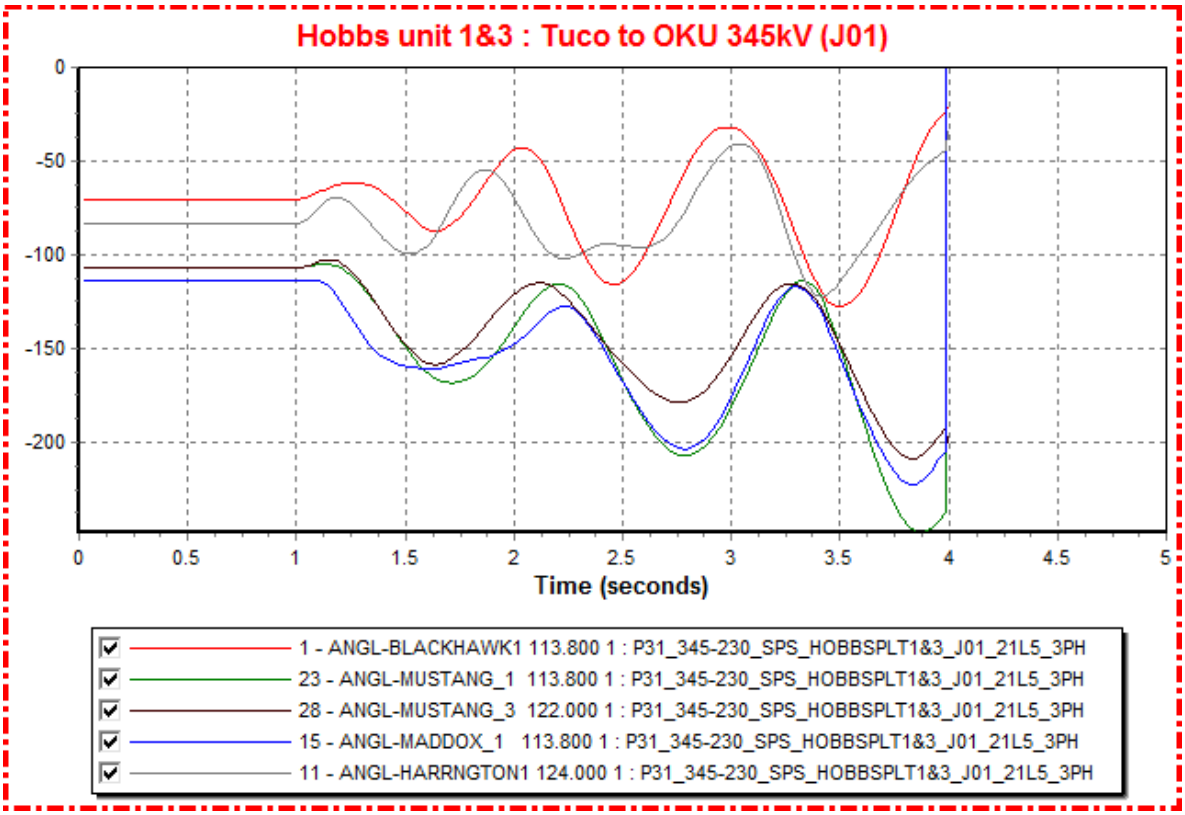


Figure 1: Angular plots for TPL-001-4 P3 event (Hobbs 1&3 followed by J01)

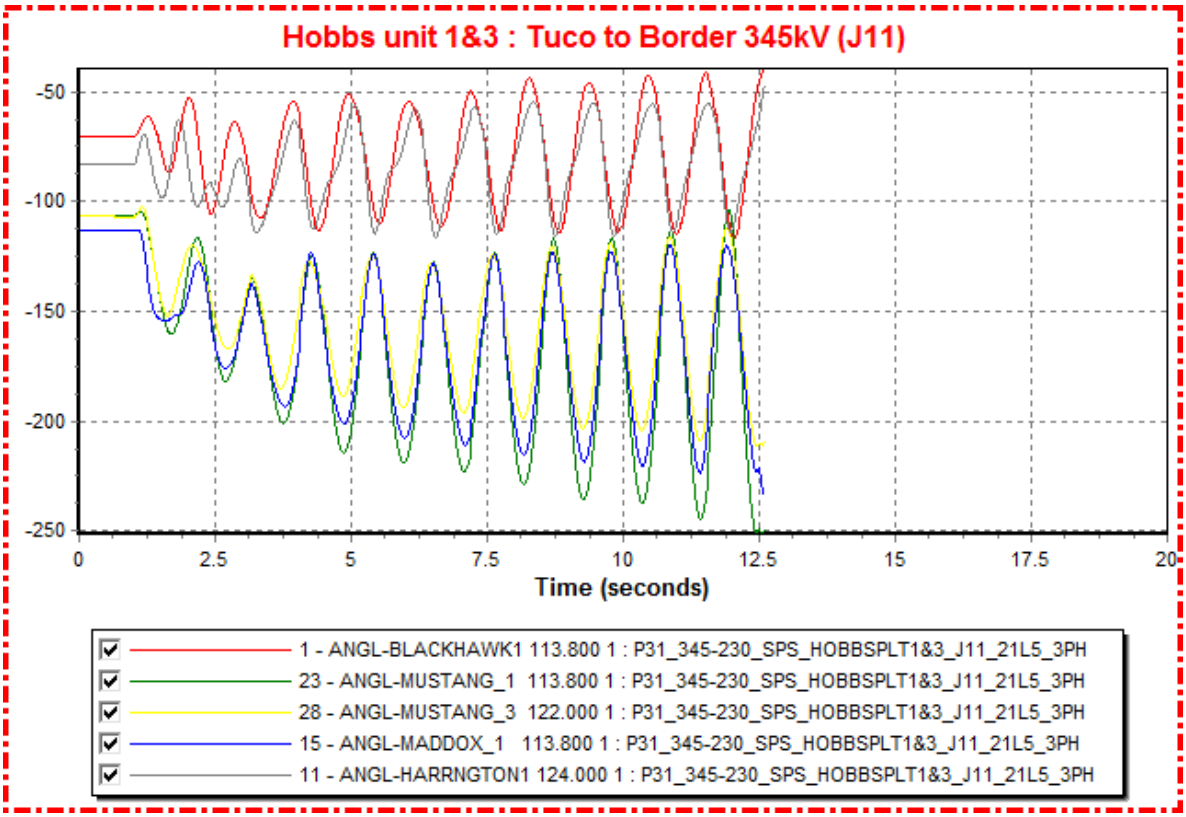


Figure 2: : Angular plots for TPL-001-4 P3 event (Hobbs 1&3 followed by J11)

Steady-State Analysis:

2021 Light Load scenario 5 case showed voltage collapse for NERC TPL-001-4 P3 multiple contingency (loss of generator followed by N-1) events due to the high wind penetration and less fossil generation. Below Table 2 shows the steady state analysis results for 2021 Light Load scenario 5 model.

Table 2: Steady state analysis results for 2021 Light Load scenario 5 model

Year	NERC TPL-001-4 event	Contingency 1	Contingency 2	Stability Analysis Results	
				Tolk Unit1 and 2 OFF	Tolk unit 1 converted to Synchronous Condenser; Tolk unit 2 OFF
2021L5	P3	Hobbs unit 3	Tuco to OKU 345kV (J01)	Solution diverges; voltage collapse	No voltage issues observed
2021L5	P3	Mustang unit 1	Tuco to Yoakum 345kV (J17)	Solution diverges; voltage collapse	No voltage issues observed

2026 winter peak scenario 5 cases showed voltage for NERC TPL-001-4 P1 single contingency (N-1) and P3 multiple contingency (loss of generator followed by N-1) events due to the high wind penetration and less fossil generation.
Below Table 3 shows the steady state analysis results for 2026 winter peak scenario 5 model.

Table 3: Steady state analysis results for 2026 Winter Peak scenario 5 model

Year	NERC TPL-001-4 event	Contingency 1	Contingency 2	Stability Analysis Results		
				Tolk Unit1 and 2 OFF	Tolk unit 1 converted to Synchronous Condenser; Tolk unit 2 OFF	Tolk unit 1 and 2 converted to Synchronous Condenser
2026W5	P3	523461 [BLACKHAWK1 113.800]	526331 [JONES_1 122.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523461 [BLACKHAWK1 113.800]	526332 [JONES_2 122.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523461 [BLACKHAWK1 113.800]	527903 [HOBBS_PLT3 118.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523461 [BLACKHAWK1 113.800]	527655 [RSVLT_CC_E 7345.00]-527656 [CROSSROADS 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523461 [BLACKHAWK1 113.800]	525832 [TUCO_INT 7345.00]-511456 [O.K.U.-7 345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523462 [BLACKHAWK2 113.800]	526331 [JONES_1 122.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523462 [BLACKHAWK2 113.800]	526332 [JONES_2 122.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523462 [BLACKHAWK2 113.800]	527903 [HOBBS_PLT3 118.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523462 [BLACKHAWK2 113.800]	527655 [RSVLT_CC_E 7345.00]-527656 [CROSSROADS 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523462 [BLACKHAWK2 113.800]	525832 [TUCO_INT 7345.00]-511456 [O.K.U.-7 345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed

Year	NERC TPL-001-4 event	Contingency 1	Contingency 2	Stability Analysis Results		
				Tolk Unit1 and 2 OFF	Tolk unit 1 converted to Synchronous Condenser; Tolk unit 2 OFF	Tolk unit 1 and 2 converted to Synchronous Condenser
2026W5	P3	523971 [HARRNGTON1 124.000]	526331 [JONES_1 122.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	523971 [HARRNGTON1 124.000]	526332 [JONES_2 122.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	523971 [HARRNGTON1 124.000]	527163 [MUSTANG_3 122.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523971 [HARRNGTON1 124.000]	527903 [HOBBS_PLT3 118.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	523971 [HARRNGTON1 124.000]	527654 [RSVLT_CC_W 7345.00]-527655 [RSVLT_CC_E 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523971 [HARRNGTON1 124.000]	527655 [RSVLT_CC_E 7345.00]-527656 [CROSSROADS 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523971 [HARRNGTON1 124.000]	525832 [TUCO_INT 7345.00]-511456 [O.K.U.-7 345.00] CKT 1	Solution diverges; voltage collapse	Solution diverges; voltage collapse	Solution diverges; voltage collapse
2026W5	P3	523971 [HARRNGTON1 124.000]	525832 [TUCO_INT 7345.00]-515458 [BORDER 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523972 [HARRNGTON2 124.000]	526331 [JONES_1 122.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	523972 [HARRNGTON2 124.000]	526332 [JONES_2 122.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	523972 [HARRNGTON2 124.000]	527161 [MUSTANG_1 113.800]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523972 [HARRNGTON2 124.000]	527162 [MUSTANG_2 113.800]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523972 [HARRNGTON2 124.000]	527163 [MUSTANG_3 122.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523972 [HARRNGTON2 124.000]	527901 [HOBBS_PLT1 118.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523972 [HARRNGTON2 124.000]	527902 [HOBBS_PLT2 118.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523972 [HARRNGTON2 124.000]	527903 [HOBBS_PLT3 118.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523972 [HARRNGTON2 124.000]	527655 [RSVLT_CC_E 7345.00]-527656 [CROSSROADS 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523972 [HARRNGTON2 124.000]	525832 [TUCO_INT 7345.00]-511456 [O.K.U.-7 345.00] CKT 1	Solution diverges; voltage collapse	Solution diverges; voltage collapse	Solution diverges; voltage collapse
2026W5	P3	523972 [HARRNGTON2 124.000]	525832 [TUCO_INT 7345.00]-515458 [BORDER 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523973 [HARRNGTON3	526331 [JONES_1 122.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues

Year	NERC TPL-001-4 event	Contingency 1	Contingency 2	Stability Analysis Results		
				Tolk Unit1 and 2 OFF	Tolk unit 1 converted to Synchronous Condenser; Tolk unit 2 OFF	Tolk unit 1 and 2 converted to Synchronous Condenser
		124.000]				observed
2026W5	P3	523973 [HARRNGTON3 124.000]	526332 [JONES_2 122.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	523973 [HARRNGTON3 124.000]	527161 [MUSTANG_1 113.800]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523973 [HARRNGTON3 124.000]	527162 [MUSTANG_2 113.800]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523973 [HARRNGTON3 124.000]	527163 [MUSTANG_3 122.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523973 [HARRNGTON3 124.000]	527901 [HOBBS_PLT1 118.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523973 [HARRNGTON3 124.000]	527902 [HOBBS_PLT2 118.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523973 [HARRNGTON3 124.000]	527903 [HOBBS_PLT3 118.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	523973 [HARRNGTON3 124.000]	527655 [RSVLT_CC_E 7345.00]-527656 [CROSSROADS 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	523973 [HARRNGTON3 124.000]	525832 [TUCO_INT 7345.00]-511456 [O.K.U.-7 345.00] CKT 1	Solution diverges; voltage collapse	Solution diverges; voltage collapse	Solution diverges; voltage collapse
2026W5	P3	523973 [HARRNGTON3 124.000]	525832 [TUCO_INT 7345.00]-515458 [BORDER 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	524021 [NICHOLS_1 113.800]	526331 [JONES_1 122.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	524021 [NICHOLS_1 113.800]	526332 [JONES_2 122.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	524021 [NICHOLS_1 113.800]	527903 [HOBBS_PLT3 118.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	524021 [NICHOLS_1 113.800]	525832 [TUCO_INT 7345.00]-511456 [O.K.U.-7 345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	524021 [NICHOLS_1 113.800]	525832 [TUCO_INT 7345.00]-515458 [BORDER 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	524022 [NICHOLS_2 113.800]	526331 [JONES_1 122.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	524022 [NICHOLS_2 113.800]	526332 [JONES_2 122.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	524022 [NICHOLS_2 113.800]	527903 [HOBBS_PLT3 118.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	524022 [NICHOLS_2 113.800]	525832 [TUCO_INT 7345.00]-511456 [O.K.U.-7 345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	524022 [NICHOLS_2	525832 [TUCO_INT 7345.00]-	Solution diverges;	No voltage issues	No voltage

Year	NERC TPL-001-4 event	Contingency 1	Contingency 2	Stability Analysis Results		
				Tolk Unit1 and 2 OFF	Tolk unit 1 converted to Synchronous Condenser; Tolk unit 2 OFF	Tolk unit 1 and 2 converted to Synchronous Condenser
		113.800]	515458 [BORDER 7345.00] CKT 1	voltage collapse	observed	issues observed
2026W5	P3	524023 [NICHOLS_3 122.000]	526331 [JONES_1 122.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	524023 [NICHOLS_3 122.000]	526332 [JONES_2 122.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	524023 [NICHOLS_3 122.000]	527903 [HOBBS_PLT3 118.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	524023 [NICHOLS_3 122.000]	527655 [RSVLT_CC_E 7345.00]-527656 [CROSSROADS 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	524023 [NICHOLS_3 122.000]	525832 [TUCO_INT 7345.00]-511456 [O.K.U.-7 345.00] CKT 1	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	524023 [NICHOLS_3 122.000]	525832 [TUCO_INT 7345.00]-515458 [BORDER 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P1	UNIT 1 BUS 526331 [JONES_1 122.000]		Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P1	UNIT 1 BUS 526332 [JONES_2 122.000]		Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527161 [MUSTANG_1 113.800]	526331 [JONES_1 122.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	Solution diverges; voltage collapse
2026W5	P3	527161 [MUSTANG_1 113.800]	526332 [JONES_2 122.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	Solution diverges; voltage collapse
2026W5	P3	527161 [MUSTANG_1 113.800]	527162 [MUSTANG_2 113.800]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527161 [MUSTANG_1 113.800]	527163 [MUSTANG_3 122.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527161 [MUSTANG_1 113.800]	527884 [CUNINGHAM4 113.800]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527161 [MUSTANG_1 113.800]	527901 [HOBBS_PLT1 118.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527161 [MUSTANG_1 113.800]	527902 [HOBBS_PLT2 118.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527161 [MUSTANG_1 113.800]	527903 [HOBBS_PLT3 118.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	Solution diverges; voltage collapse
2026W5	P3	527161 [MUSTANG_1 113.800]	528361 [MADDOX_1 113.800]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527161 [MUSTANG_1 113.800]	526936 [YOAKUM_345 345.00]-527896 [HOBBS_INT 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527161 [MUSTANG_1 113.800]	527655 [RSVLT_CC_E 7345.00]-527656 [CROSSROADS 7345.00] CKT 1	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues

Year	NERC TPL-001-4 event	Contingency 1	Contingency 2	Stability Analysis Results		
				Tolk Unit1 and 2 OFF	Tolk unit 1 converted to Synchronous Condenser; Tolk unit 2 OFF	Tolk unit 1 and 2 converted to Synchronous Condenser
						observed
2026W5	P3	527161 [MUSTANG_1 113.800]	527656 [CROSSROADS 7345.00]-527802 [EDDY_CNTY 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527161 [MUSTANG_1 113.800]	527896 [HOBBS_INT 7345.00]-527965 [KIOWA 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527161 [MUSTANG_1 113.800]	525832 [TUCO_INT 7345.00]-511456 [O.K.U.-7 345.00] CKT 1	Solution diverges; voltage collapse	Solution diverges; voltage collapse	Solution diverges; voltage collapse
2026W5	P3	527161 [MUSTANG_1 113.800]	525832 [TUCO_INT 7345.00]-515458 [BORDER 7345.00] CKT 1	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527162 [MUSTANG_2 113.800]	526331 [JONES_1 122.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	Solution diverges; voltage collapse
2026W5	P3	527162 [MUSTANG_2 113.800]	526332 [JONES_2 122.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	Solution diverges; voltage collapse
2026W5	P3	527162 [MUSTANG_2 113.800]	527161 [MUSTANG_1 113.800]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527162 [MUSTANG_2 113.800]	527163 [MUSTANG_3 122.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527162 [MUSTANG_2 113.800]	527884 [CUNINGHAM4 113.800]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527162 [MUSTANG_2 113.800]	527901 [HOBBS_PLT1 118.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527162 [MUSTANG_2 113.800]	527902 [HOBBS_PLT2 118.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527162 [MUSTANG_2 113.800]	527903 [HOBBS_PLT3 118.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	Solution diverges; voltage collapse
2026W5	P3	527162 [MUSTANG_2 113.800]	528361 [MADDOX_1 113.800]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527162 [MUSTANG_2 113.800]	526936 [YOAKUM_345 345.00]-527896 [HOBBS_INT 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527162 [MUSTANG_2 113.800]	527655 [RSVLT_CC_E 7345.00]-527656 [CROSSROADS 7345.00] CKT 1	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527162 [MUSTANG_2 113.800]	527656 [CROSSROADS 7345.00]-527802 [EDDY_CNTY 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527162 [MUSTANG_2 113.800]	527896 [HOBBS_INT 7345.00]-527965 [KIOWA 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527162 [MUSTANG_2 113.800]	525832 [TUCO_INT 7345.00]-511456 [O.K.U.-7 345.00] CKT 1	Solution diverges; voltage collapse	Solution diverges; voltage collapse	Solution diverges; voltage collapse

Year	NERC TPL-001-4 event	Contingency 1	Contingency 2	Stability Analysis Results		
				Tolk Unit1 and 2 OFF	Tolk unit 1 converted to Synchronous Condenser; Tolk unit 2 OFF	Tolk unit 1 and 2 converted to Synchronous Condenser
2026W5	P3	527162 [MUSTANG_2 113.800]	525832 [TUCO_INT 7345.00]-515458 [BORDER 7345.00] CKT 1	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527163 [MUSTANG_3 122.000]	523972 [HARRNGTON2 124.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527163 [MUSTANG_3 122.000]	526331 [JONES_1 122.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	Solution diverges; voltage collapse
2026W5	P3	527163 [MUSTANG_3 122.000]	526332 [JONES_2 122.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	Solution diverges; voltage collapse
2026W5	P3	527163 [MUSTANG_3 122.000]	527161 [MUSTANG_1 113.800]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527163 [MUSTANG_3 122.000]	527162 [MUSTANG_2 113.800]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527163 [MUSTANG_3 122.000]	527884 [CUNINGHAM4 113.800]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527163 [MUSTANG_3 122.000]	527901 [HOBBS_PLT1 118.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527163 [MUSTANG_3 122.000]	527902 [HOBBS_PLT2 118.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527163 [MUSTANG_3 122.000]	527903 [HOBBS_PLT3 118.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	Solution diverges; voltage collapse
2026W5	P3	527163 [MUSTANG_3 122.000]	528361 [MADDOX_1 113.800]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527163 [MUSTANG_3 122.000]	525549 [TOLK 7345.00]-527656 [CROSSROADS 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527163 [MUSTANG_3 122.000]	525832 [TUCO_INT 7345.00]-526936 [YOAKUM_345 345.00] CKT 1	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527163 [MUSTANG_3 122.000]	526936 [YOAKUM_345 345.00]-527896 [HOBBS_INT 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527163 [MUSTANG_3 122.000]	527655 [RSVLT_CC_E 7345.00]-527656 [CROSSROADS 7345.00] CKT 1	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527163 [MUSTANG_3 122.000]	527656 [CROSSROADS 7345.00]-527802 [EDDY_CNTY 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527163 [MUSTANG_3 122.000]	527896 [HOBBS_INT 7345.00]-527965 [KIOWA 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527163 [MUSTANG_3 122.000]	525832 [TUCO_INT 7345.00]-511456 [O.K.U.-7 345.00] CKT 1	Solution diverges; voltage collapse	Solution diverges; voltage collapse	Solution diverges; voltage collapse
2026W5	P3	527163 [MUSTANG_3 122.000]	525832 [TUCO_INT 7345.00]-515458 [BORDER 7345.00] CKT 1	Solution diverges; voltage collapse	Solution diverges; voltage collapse	Solution diverges; voltage

Year	NERC TPL-001-4 event	Contingency 1	Contingency 2	Stability Analysis Results		
				Tolk Unit1 and 2 OFF	Tolk unit 1 converted to Synchronous Condenser; Tolk unit 2 OFF	Tolk unit 1 and 2 converted to Synchronous Condenser
						collapse
2026W5	P3	527884 [CUNINGHAM4 113.800]	526331 [JONES_1 122.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527884 [CUNINGHAM4 113.800]	526332 [JONES_2 122.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527884 [CUNINGHAM4 113.800]	527161 [MUSTANG_1 113.800]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527884 [CUNINGHAM4 113.800]	527162 [MUSTANG_2 113.800]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527884 [CUNINGHAM4 113.800]	527163 [MUSTANG_3 122.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527884 [CUNINGHAM4 113.800]	527901 [HOBBS_PLT1 118.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527884 [CUNINGHAM4 113.800]	527902 [HOBBS_PLT2 118.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527884 [CUNINGHAM4 113.800]	527903 [HOBBS_PLT3 118.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527884 [CUNINGHAM4 113.800]	528361 [MADDOX_1 113.800]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527884 [CUNINGHAM4 113.800]	527655 [RSVLT_CC_E 7345.00]-527656 [CROSSROADS 7345.00] CKT 1	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527884 [CUNINGHAM4 113.800]	527656 [CROSSROADS 7345.00]-527802 [EDDY_CNTY 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527884 [CUNINGHAM4 113.800]	525832 [TUCO_INT 7345.00]-511456 [O.K.U.-7 345.00] CKT 1	Solution diverges; voltage collapse	Solution diverges; voltage collapse	Solution diverges; voltage collapse
2026W5	P3	527884 [CUNINGHAM4 113.800]	525832 [TUCO_INT 7345.00]-515458 [BORDER 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527901 [HOBBS_PLT1 118.000]	526331 [JONES_1 122.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	Solution diverges; voltage collapse
2026W5	P3	527901 [HOBBS_PLT1 118.000]	526332 [JONES_2 122.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	Solution diverges; voltage collapse
2026W5	P3	527901 [HOBBS_PLT1 118.000]	527161 [MUSTANG_1 113.800]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527901 [HOBBS_PLT1 118.000]	527162 [MUSTANG_2 113.800]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527901 [HOBBS_PLT1 118.000]	527163 [MUSTANG_3 122.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527901 [HOBBS_PLT1 118.000]	527884 [CUNINGHAM4 113.800]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues

Year	NERC TPL-001-4 event	Contingency 1	Contingency 2	Stability Analysis Results		
				Tolk Unit1 and 2 OFF	Tolk unit 1 converted to Synchronous Condenser; Tolk unit 2 OFF	Tolk unit 1 and 2 converted to Synchronous Condenser
						observed
2026W5	P3	527901 [HOBBS_PLT1 118.000]	527902 [HOBBS_PLT2 118.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527901 [HOBBS_PLT1 118.000]	527903 [HOBBS_PLT3 118.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	Solution diverges; voltage collapse
2026W5	P3	527901 [HOBBS_PLT1 118.000]	528361 [MADDOX_1 113.800]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527901 [HOBBS_PLT1 118.000]	525832 [TUCO_INT 7345.00]-526936 [YOAKUM_345 345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527901 [HOBBS_PLT1 118.000]	526936 [YOAKUM_345 345.00]-527896 [HOBBS_INT 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527901 [HOBBS_PLT1 118.000]	527655 [RSVLT_CC_E 7345.00]-527656 [CROSSROADS 7345.00] CKT 1	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527901 [HOBBS_PLT1 118.000]	527656 [CROSSROADS 7345.00]-527802 [EDDY_CNTY 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527901 [HOBBS_PLT1 118.000]	527896 [HOBBS_INT 7345.00]-527965 [KIOWA 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527901 [HOBBS_PLT1 118.000]	525832 [TUCO_INT 7345.00]-511456 [O.K.U.-7 345.00] CKT 1	Solution diverges; voltage collapse	Solution diverges; voltage collapse	Solution diverges; voltage collapse
2026W5	P3	527901 [HOBBS_PLT1 118.000]	525832 [TUCO_INT 7345.00]-515458 [BORDER 7345.00] CKT 1	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527902 [HOBBS_PLT2 118.000]	526331 [JONES_1 122.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	Solution diverges; voltage collapse
2026W5	P3	527902 [HOBBS_PLT2 118.000]	526332 [JONES_2 122.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	Solution diverges; voltage collapse
2026W5	P3	527902 [HOBBS_PLT2 118.000]	527161 [MUSTANG_1 113.800]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527902 [HOBBS_PLT2 118.000]	527162 [MUSTANG_2 113.800]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527902 [HOBBS_PLT2 118.000]	527163 [MUSTANG_3 122.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527902 [HOBBS_PLT2 118.000]	527884 [CUNINGHAM4 113.800]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527902 [HOBBS_PLT2 118.000]	527901 [HOBBS_PLT1 118.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527902 [HOBBS_PLT2 118.000]	527903 [HOBBS_PLT3 118.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	Solution diverges; voltage collapse

Year	NERC TPL-001-4 event	Contingency 1	Contingency 2	Stability Analysis Results		
				Tolk Unit1 and 2 OFF	Tolk unit 1 converted to Synchronous Condenser; Tolk unit 2 OFF	Tolk unit 1 and 2 converted to Synchronous Condenser
2026W5	P3	527902 [HOBBS_PLT2 118.000]	528361 [MADDOX_1 113.800]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527902 [HOBBS_PLT2 118.000]	525832 [TUCO_INT 7345.00]-526936 [YOAKUM_345 345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527902 [HOBBS_PLT2 118.000]	526936 [YOAKUM_345 345.00]-527896 [HOBBS_INT 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527902 [HOBBS_PLT2 118.000]	527655 [RSVLT_CC_E 7345.00]-527656 [CROSSROADS 7345.00] CKT 1	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	527902 [HOBBS_PLT2 118.000]	527656 [CROSSROADS 7345.00]-527802 [EDDY_CNTY 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527902 [HOBBS_PLT2 118.000]	527896 [HOBBS_INT 7345.00]-527965 [KIOWA 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	527902 [HOBBS_PLT2 118.000]	525832 [TUCO_INT 7345.00]-511456 [O.K.U.-7 345.00] CKT 1	Solution diverges; voltage collapse	Solution diverges; voltage collapse	Solution diverges; voltage collapse
2026W5	P3	527902 [HOBBS_PLT2 118.000]	525832 [TUCO_INT 7345.00]-515458 [BORDER 7345.00] CKT 1	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P1	UNIT 1 BUS 527903 [HOBBS_PLT3 118.000]		Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	528331 [ASGI10-010 113.800]	526331 [JONES_1 122.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	528331 [ASGI10-010 113.800]	526332 [JONES_2 122.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	528331 [ASGI10-010 113.800]	527903 [HOBBS_PLT3 118.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	528331 [ASGI10-010 113.800]	527655 [RSVLT_CC_E 7345.00]-527656 [CROSSROADS 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	528331 [ASGI10-010 113.800]	525832 [TUCO_INT 7345.00]-511456 [O.K.U.-7 345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	528361 [MADDOX_1 113.800]	526331 [JONES_1 122.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	528361 [MADDOX_1 113.800]	526332 [JONES_2 122.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	528361 [MADDOX_1 113.800]	527161 [MUSTANG_1 113.800]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	528361 [MADDOX_1 113.800]	527162 [MUSTANG_2 113.800]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	528361 [MADDOX_1 113.800]	527163 [MUSTANG_3 122.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	528361 [MADDOX_1 113.800]	527884 [CUNINGHAM4 113.800]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed

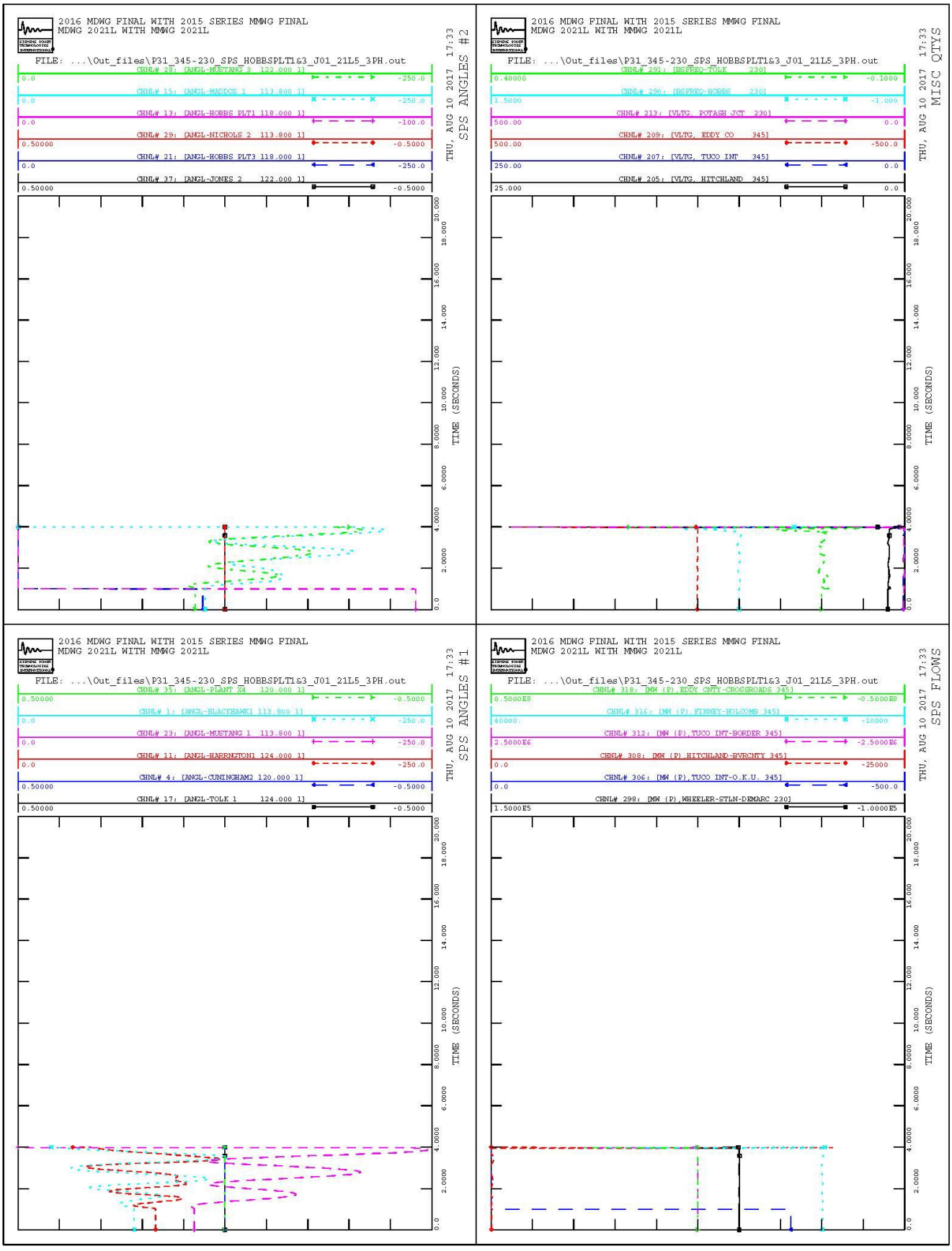
Year	NERC TPL-001-4 event	Contingency 1	Contingency 2	Stability Analysis Results		
				Tolk Unit1 and 2 OFF	Tolk unit 1 converted to Synchronous Condenser; Tolk unit 2 OFF	Tolk unit 1 and 2 converted to Synchronous Condenser
2026W5	P3	528361 [MADDOX_1 113.800]	527901 [HOBBS_PLT1 118.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	528361 [MADDOX_1 113.800]	527902 [HOBBS_PLT2 118.000]	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	528361 [MADDOX_1 113.800]	527903 [HOBBS_PLT3 118.000]	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	528361 [MADDOX_1 113.800]	525832 [TUCO_INT 7345.00]-526936 [YOAKUM_345 345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	528361 [MADDOX_1 113.800]	527655 [RSVLT_CC_E 7345.00]-527656 [CROSSROADS 7345.00] CKT 1	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	528361 [MADDOX_1 113.800]	527656 [CROSSROADS 7345.00]-527802 [EDDY_CNTY 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P3	528361 [MADDOX_1 113.800]	525832 [TUCO_INT 7345.00]-511456 [O.K.U.-7 345.00] CKT 1	Solution diverges; voltage collapse	Solution diverges; voltage collapse	No voltage issues observed
2026W5	P3	528361 [MADDOX_1 113.800]	525832 [TUCO_INT 7345.00]-515458 [BORDER 7345.00] CKT 1	Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed
2026W5	P1	Tuco to OKU 345kV (J01)		Solution diverges; voltage collapse	No voltage issues observed	No voltage issues observed

5. Conclusion

This system impact study performed showed the need to convert one of the Tolk units to synchronous condenser operation immediately and to convert both the Tolk units to synchronous condensers by mid 2020s to mitigate TPL-001-4 P3 multiple contingency (loss of generator followed by N-1 transmission outage) event issues.

It is also observed that there is a huge real power deficiency in SPS area by mid 2020s causing severe steady state issues. Conversion of both the Tolk units to synchronous condenser operation alone cannot mitigate all the transmission system performance issues in later years. New generation installation will greatly improve system performance with real and reactive power capability with the changed operation of the Tolk units.

Appendix A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CHNL# 11: [ANGL-HARRINGTON1 124.000 1]
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CHNL# 308: [MW (P),HITCHLAND-BVRCNTY 345]
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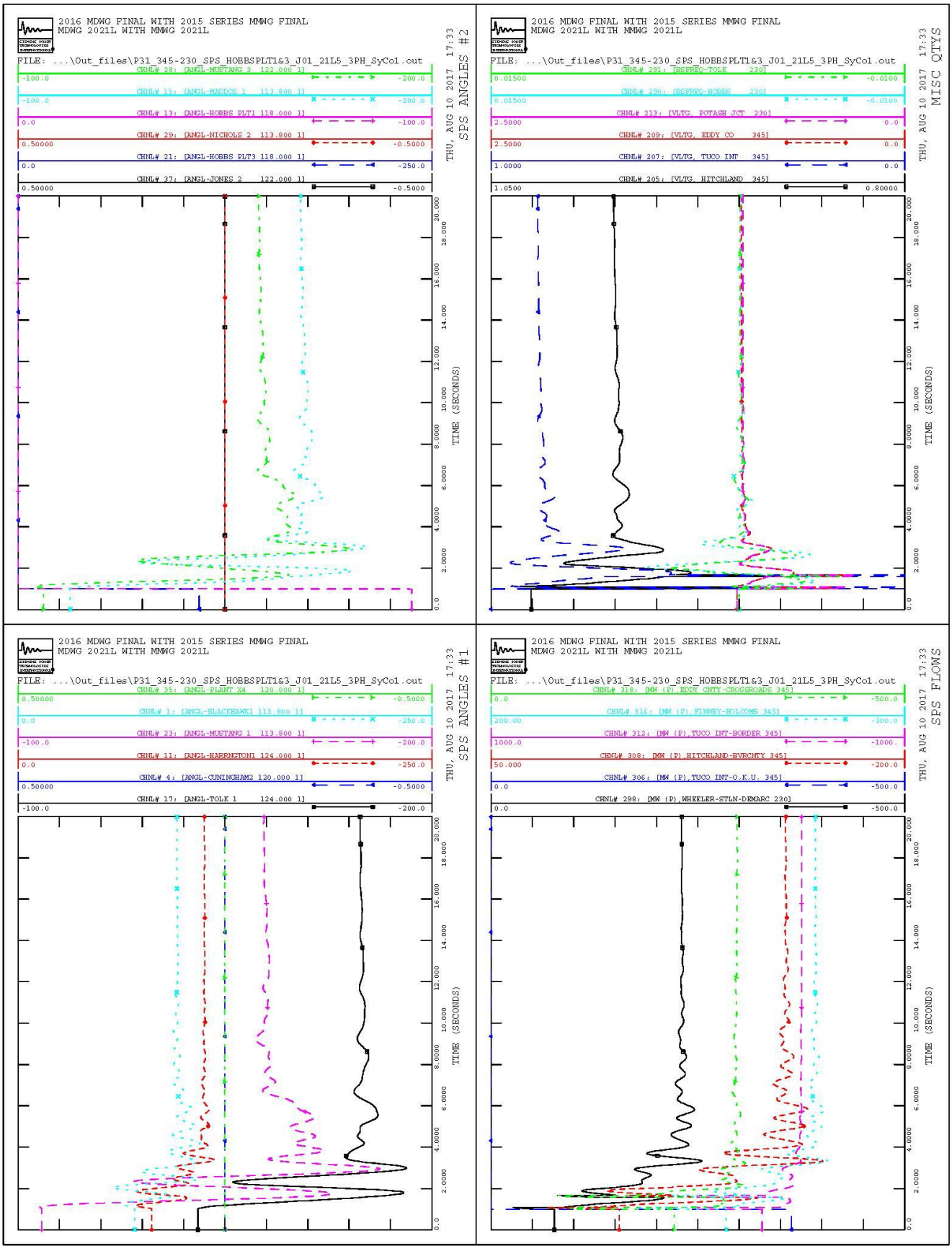
TIME (SECONDS)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CHNL# 21: [ANGL-HOBBS PLT3 118.000 1]
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TIME (SECONDS)
MISC QTYS
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CHNL# 213: [VLTG, POTASH JCT 230]
CHNL# 209: [VLTG, EDDY CO 345]
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CHNL# 23: [ANGL-MUSTANG 1 113.800 1]
CHNL# 11: [ANGL-HARRINGTON1 124.000 1]
CHNL# 4: [ANGL-CUNINGHAM2 120.000 1]
CHNL# 17: [ANGL-TOLK 1 124.000 1]
SPS FLOWS
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CHNL# 316: [MW (P),FINNEY-HOLCOMB 345]
CHNL# 312: [MW (P),TUCO INT-BORDER 345]
CHNL# 308: [MW (P),HITCHLAND-BVRCNTY 345]
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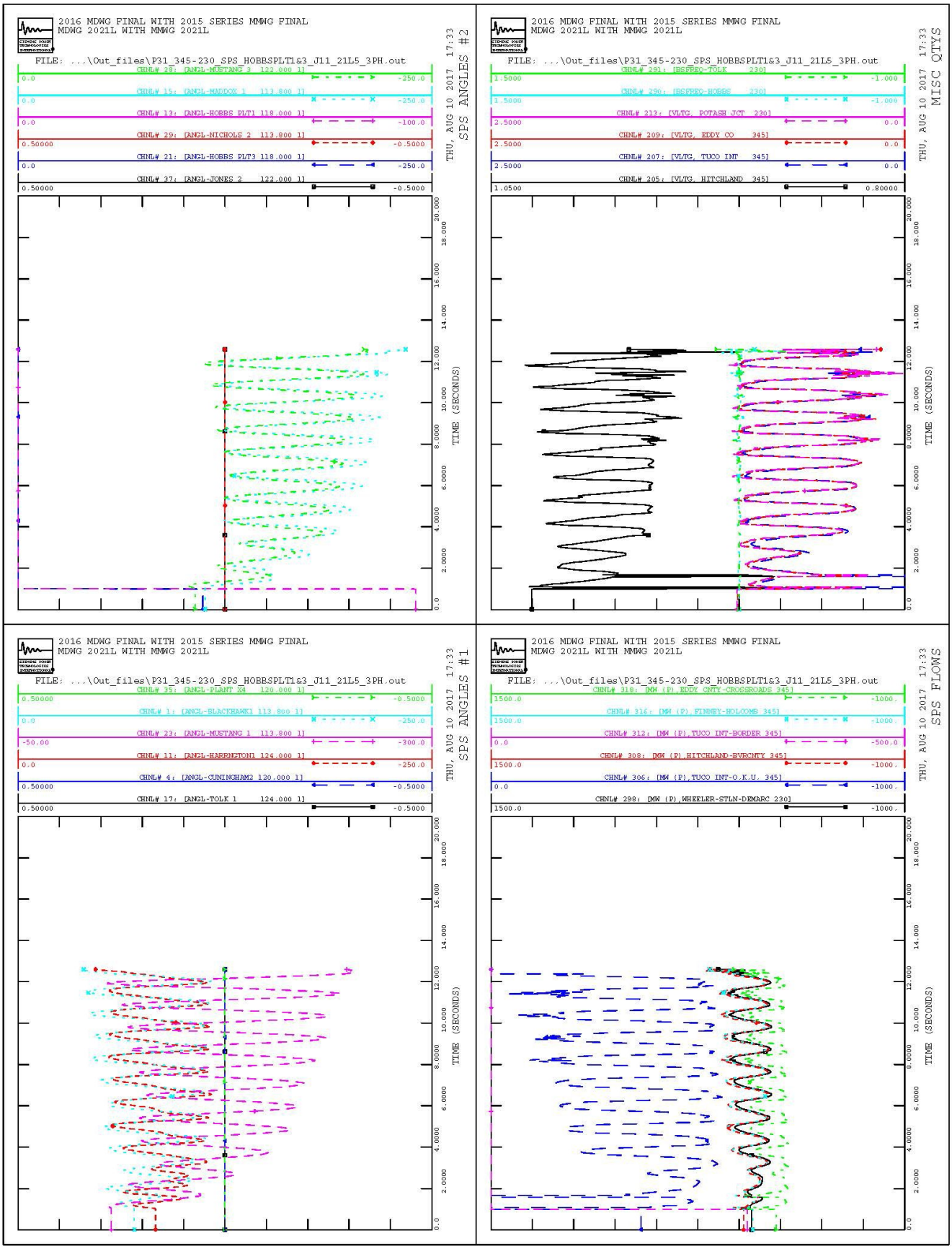
2016 MDWG FINAL WITH 2015 SERIES MMWG FINAL
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SPS FLOWS
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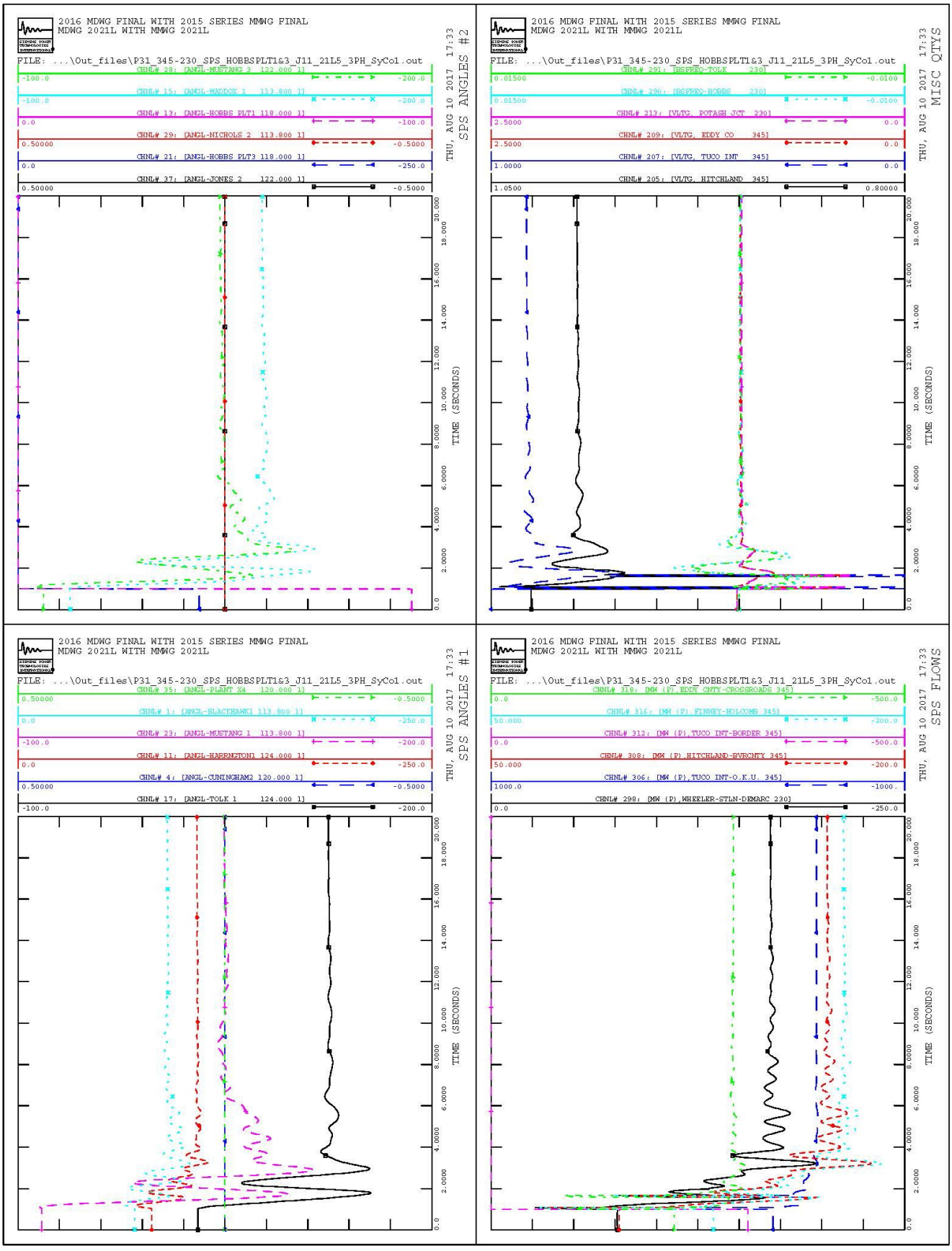
TIME (SECONDS)


2016 MDWG FINAL WITH 2015 SERIES MMWG FINAL
MDWG 2021L WITH MMWG 2021L
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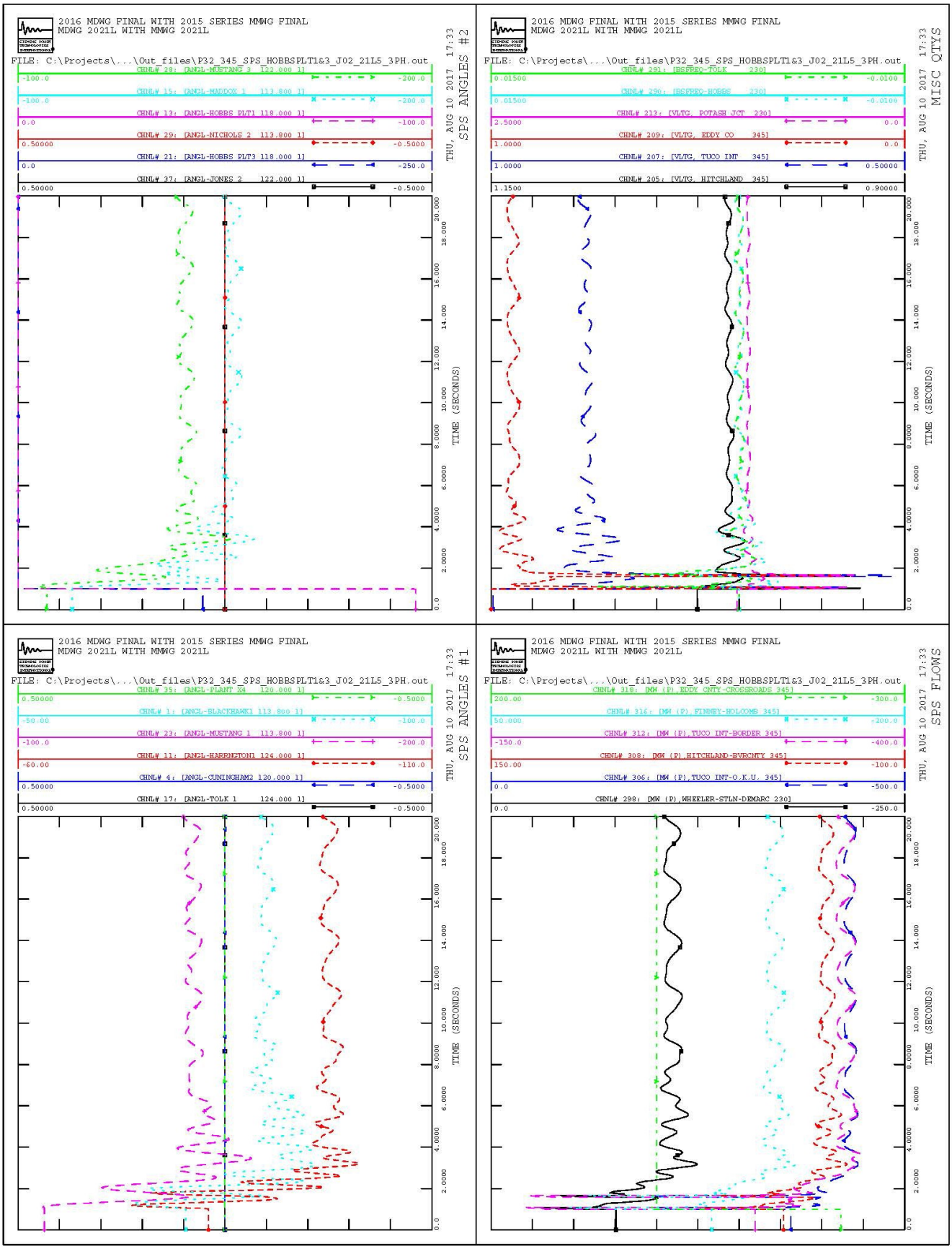
SPS ANGLES #2
TIME (SECONDS)
MISC QTYS
SPS ANGLES #1
SPS FLOWS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MDWG 2021L WITH MMWG 2021L
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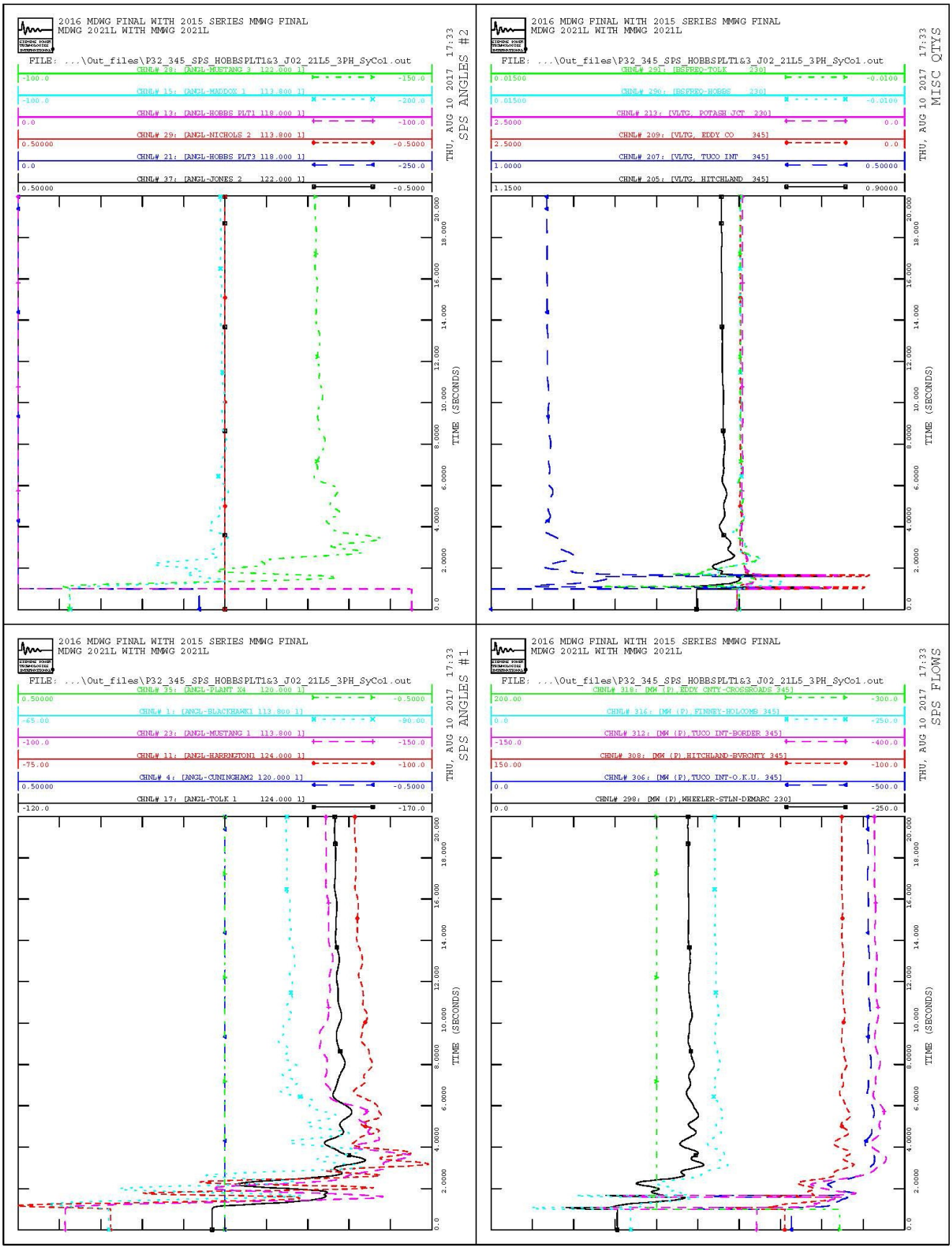
SPS ANGLES #2
TIME (SECONDS)
MISC QTYS
SPS ANGLES #1
SPS FLOWS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MDWG 2021L WITH MMWG 2021L
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SPS ANGLES #2
CHNL# 78: [ANGL-MUSTANG 3 122.000 1]
CHNL# 15: [ANGL-MADDOX 1 113.800 1]
CHNL# 13: [ANGL-HOBBS PLT1 118.000 1]
CHNL# 29: [ANGL-NICHOLS 2 113.800 1]
CHNL# 21: [ANGL-HOBBS PLT3 118.000 1]
CHNL# 37: [ANGL-JONES 2 122.000 1]
TIME (SECONDS)
2016 MDWG FINAL WITH 2015 SERIES MMWG FINAL
MDWG 2021L WITH MMWG 2021L
FILE: ...\Out_files\P32_345_SPS_HOBBSPLT1&3_J02_21L5_3PH_SyCo1.out
THU, AUG 10 2017 17:33
MISC QTYS
CHNL# 291: [BSPREQ-TOLK 230]
CHNL# 290: [BSPREQ-HOBBS 230]
CHNL# 213: [VLTG, POTASH JCT 230]
CHNL# 209: [VLTG, EDDY CO 345]
CHNL# 207: [VLTG, TUCO INT 345]
CHNL# 205: [VLTG, HITCHLAND 345]
TIME (SECONDS)
2016 MDWG FINAL WITH 2015 SERIES MMWG FINAL
MDWG 2021L WITH MMWG 2021L
FILE: ...\Out_files\P32_345_SPS_HOBBSPLT1&3_J02_21L5_3PH_SyCo1.out
THU, AUG 10 2017 17:33
SPS ANGLES #1
CHNL# 75: [ANGL-PLANT X4 120.000 1]
CHNL# 1: [ANGL-BLACKHAWK1 113.800 1]
CHNL# 23: [ANGL-MUSTANG 1 113.800 1]
CHNL# 11: [ANGL-HARRINGTON1 124.000 1]
CHNL# 4: [ANGL-CUNNINGHAM2 120.000 1]
CHNL# 17: [ANGL-TOLK 1 124.000 1]
TIME (SECONDS)
2016 MDWG FINAL WITH 2015 SERIES MMWG FINAL
MDWG 2021L WITH MMWG 2021L
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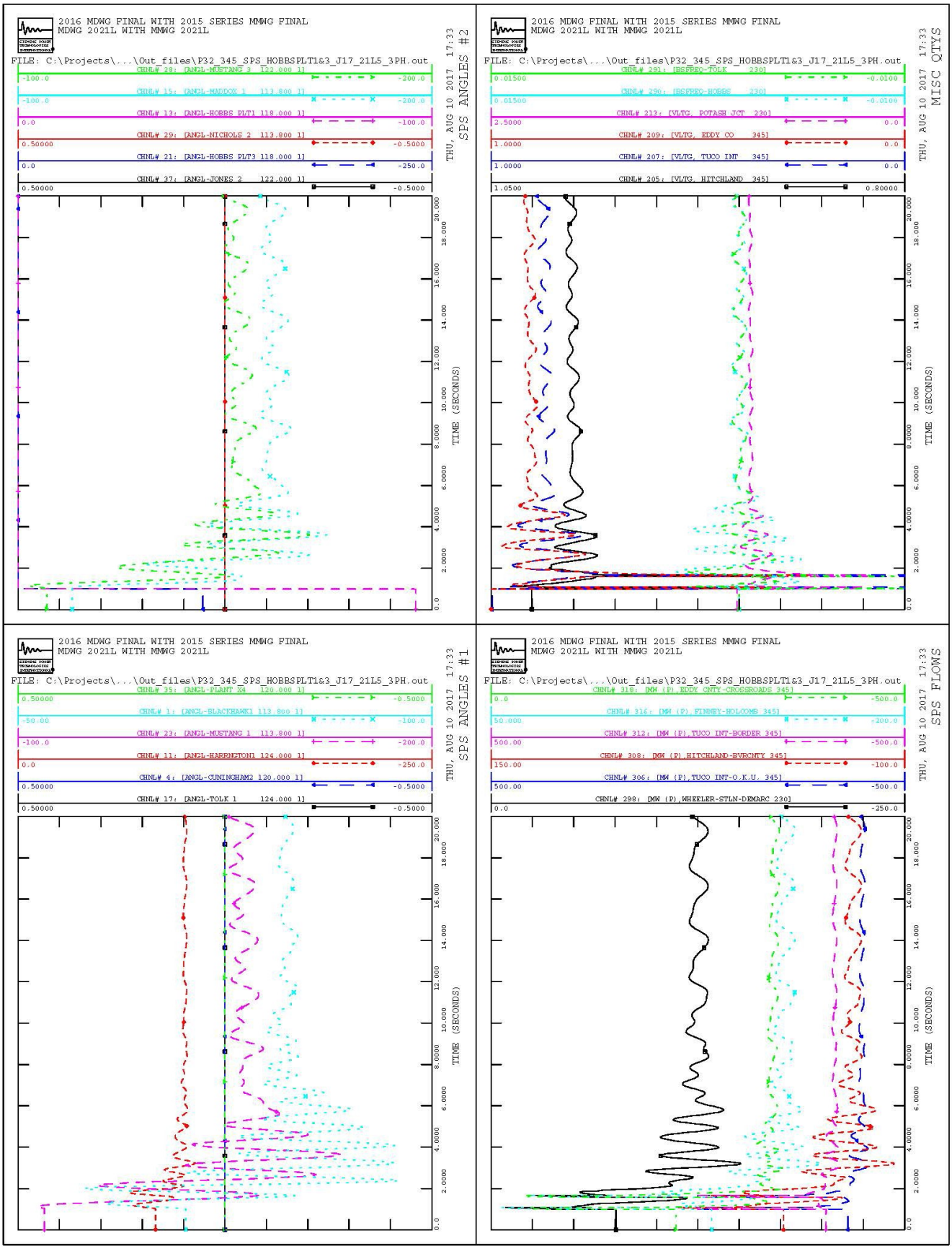
THU, AUG 10 2017 17:33
SPS FLOWS
CHNL# 318: [MW (P),EDDY CNTY-CROSSROADS 345]
CHNL# 316: [MW (P),FINNEY-HOLCOMB 345]
CHNL# 312: [MW (P),TUCO INT-BORDER 345]
CHNL# 308: [MW (P),HITCHLAND-BVRCNTY 345]
CHNL# 306: [MW (P),TUCO INT-O.K.U. 345]
CHNL# 299: [MW (P),WHEELER-STLN-DEMARC 230]
TIME (SECONDS)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MDWG 2021L WITH MMWG 2021L
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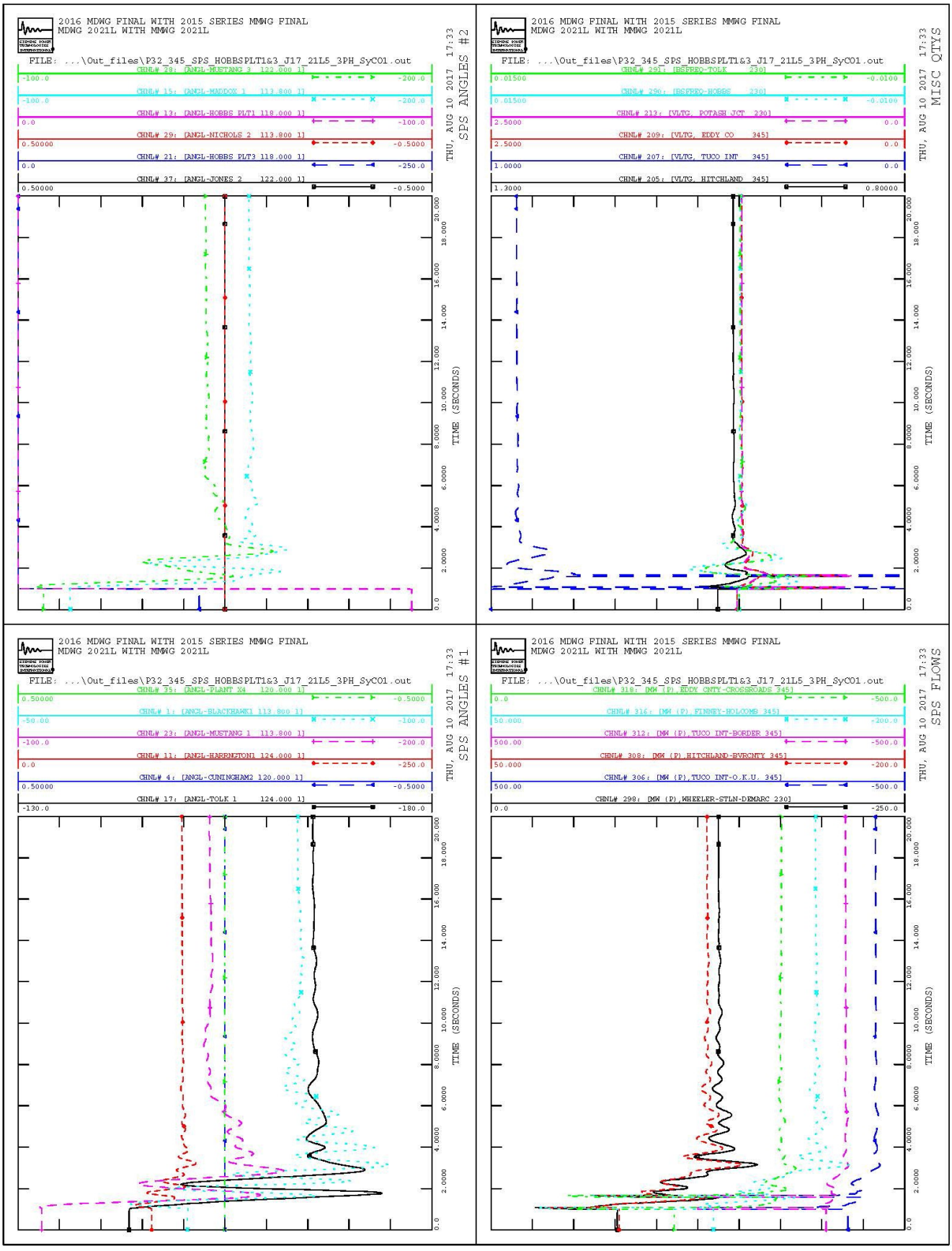
THU, AUG 10 2017 17:33
SPS ANGLES #2
TIME (SECONDS)
MISC QTYS
SPS ANGLES #1
SPS FLOWS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MDWG 2021L WITH MMWG 2021L
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MISC QTYS
SPS ANGLES #1
SPS FLOWS
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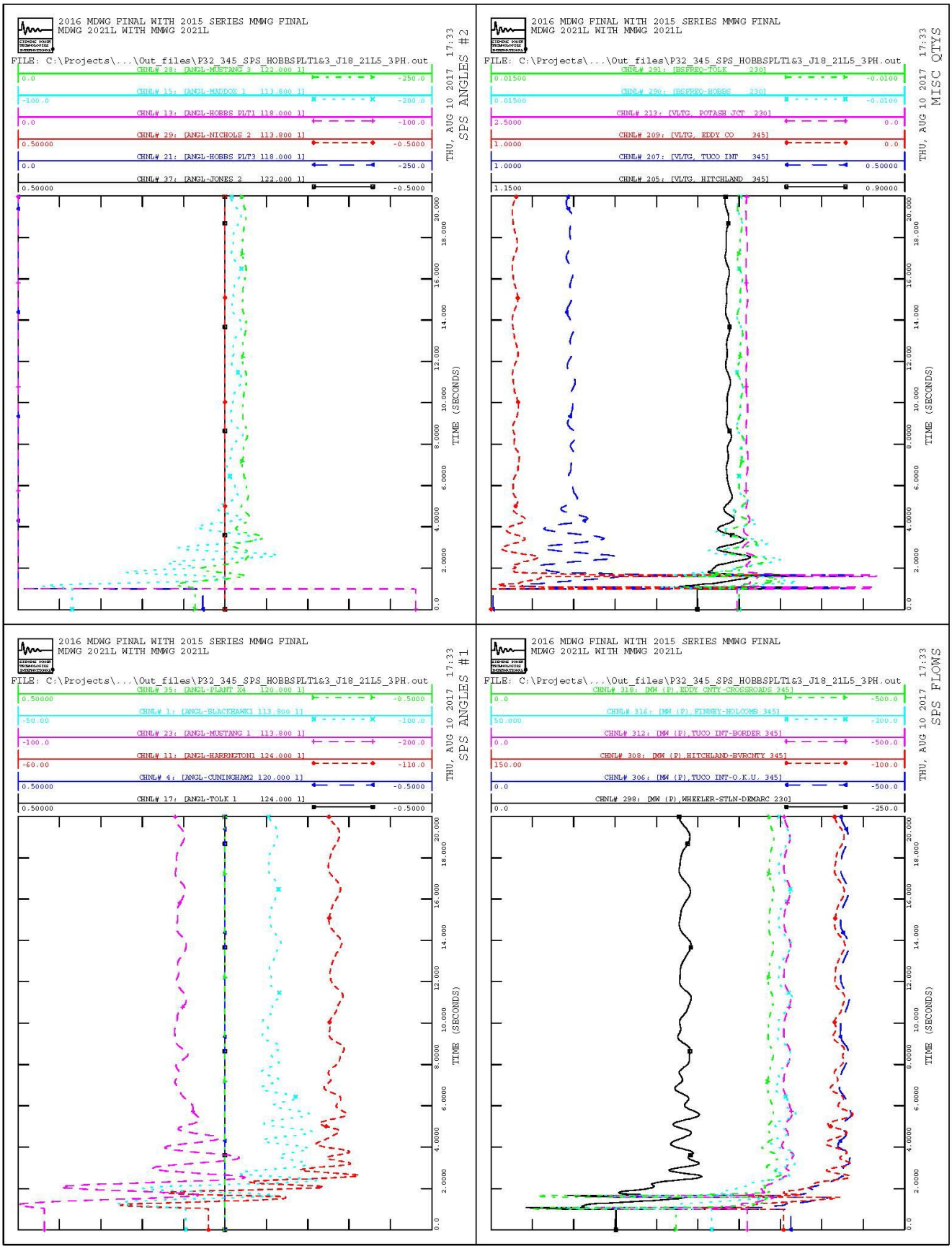
TIME (SECONDS)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MDWG 2021L WITH MMWG 2021L
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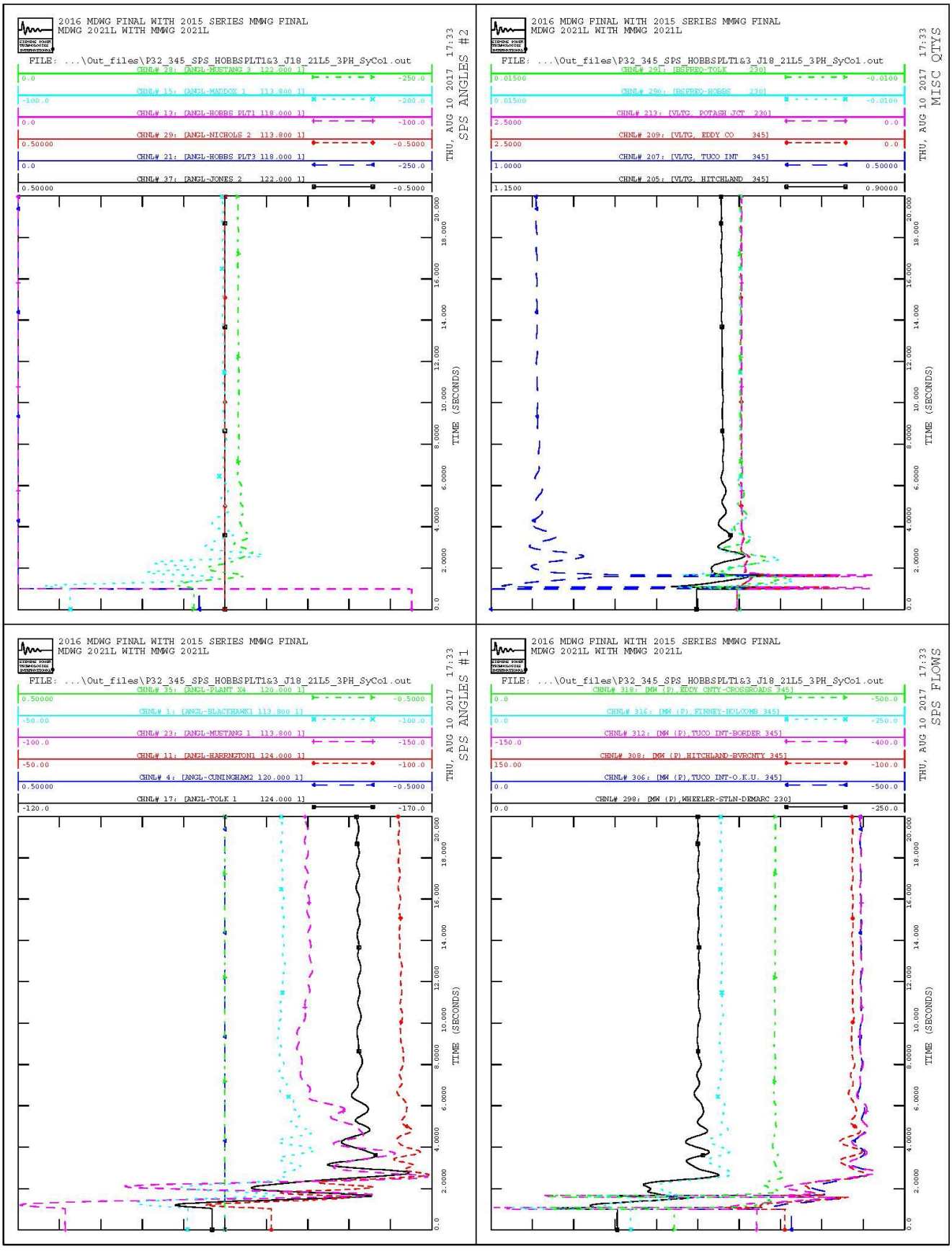
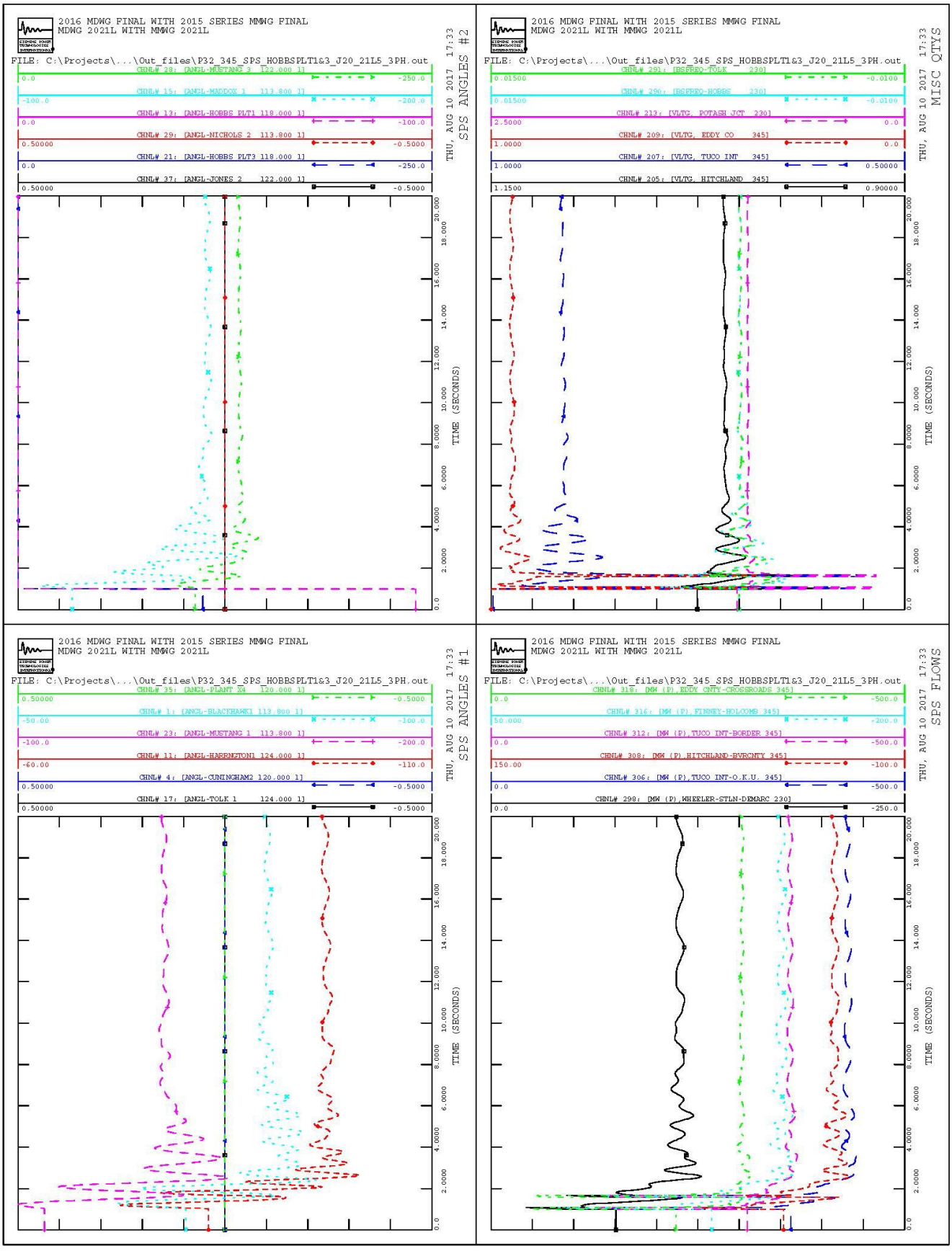
THU, AUG 10 2017 17:33
SPS ANGLES #2
CHNL# 28: [ANGL-MUSTANG 3 122.000 1]
CHNL# 15: [ANGL-MADDOX 1 113.800 1]
CHNL# 13: [ANGL-HOBBS PLT1 118.000 1]
CHNL# 29: [ANGL-NICHOLS 2 113.800 1]
CHNL# 21: [ANGL-HOBBS PLT3 118.000 1]
CHNL# 37: [ANGL-JONES 2 122.000 1]
TIME (SECONDS)
2016 MDWG FINAL WITH 2015 SERIES MMWG FINAL
MDWG 2021L WITH MMWG 2021L
FILE: C:\Projects\...\Out_files\P32_345_SPS_HOBBSPLT1&3_J18_21L5_3PH.out
THU, AUG 10 2017 17:33
MISC QTYS
CHNL# 291: [BSPREG-TOLK 230]
CHNL# 290: [BSPREG-HOBBS 230]
CHNL# 213: [VLTG, POTASH JCT 230]
CHNL# 209: [VLTG, EDDY CO 345]
CHNL# 207: [VLTG, TUCO INT 345]
CHNL# 205: [VLTG, HITCHLAND 345]
TIME (SECONDS)
2016 MDWG FINAL WITH 2015 SERIES MMWG FINAL
MDWG 2021L WITH MMWG 2021L
FILE: C:\Projects\...\Out_files\P32_345_SPS_HOBBSPLT1&3_J18_21L5_3PH.out
THU, AUG 10 2017 17:33
SPS ANGLES #1
CHNL# 35: [ANGL-PLANT X4 120.000 1]
CHNL# 1: [ANGL-BLACKHAWK1 113.800 1]
CHNL# 23: [ANGL-MUSTANG 1 113.800 1]
CHNL# 11: [ANGL-HARRINGTON1 124.000 1]
CHNL# 4: [ANGL-CUNINGHAM2 120.000 1]
CHNL# 17: [ANGL-TOLK 1 124.000 1]
TIME (SECONDS)
2016 MDWG FINAL WITH 2015 SERIES MMWG FINAL
MDWG 2021L WITH MMWG 2021L
FILE: C:\Projects\...\Out_files\P32_345_SPS_HOBBSPLT1&3_J18_21L5_3PH.out
THU, AUG 10 2017 17:33
SPS FLOWS
CHNL# 318: [MW (P),EDDY CNTY-CROSSROADS 345]
CHNL# 316: [MW (P),FINNEY-HOLCOMB 345]
CHNL# 312: [MW (P),TUCO INT-BORDER 345]
CHNL# 308: [MW (P),HITCHLAND-RVRCNTY 345]
CHNL# 306: [MW (P),TUCO INT-O.K.U. 345]
CHNL# 298: [MW (P),WHEELER-STLN-DEMARC 230]
TIME (SECONDS)


2016 MDWG FINAL WITH 2015 SERIES MMWG FINAL
MDWG 2021L WITH MMWG 2021L
FILE: ...\Out_files\P32_345_SPS_HOBBSPLT1&3_J18_21L5_3PH_SyCo1.out
SPS ANGLES #2
MISC QTYS
SPS ANGLES #1
SPS FLOWS
THU, AUG 10 2017 17:33
TIME (SECONDS)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MDWG 2021L WITH MMWG 2021L
FILE: C:\Projects\...\Out_files\P32_345_SPS_HOBBSPLT1&3_J20_21L5_3PH.out
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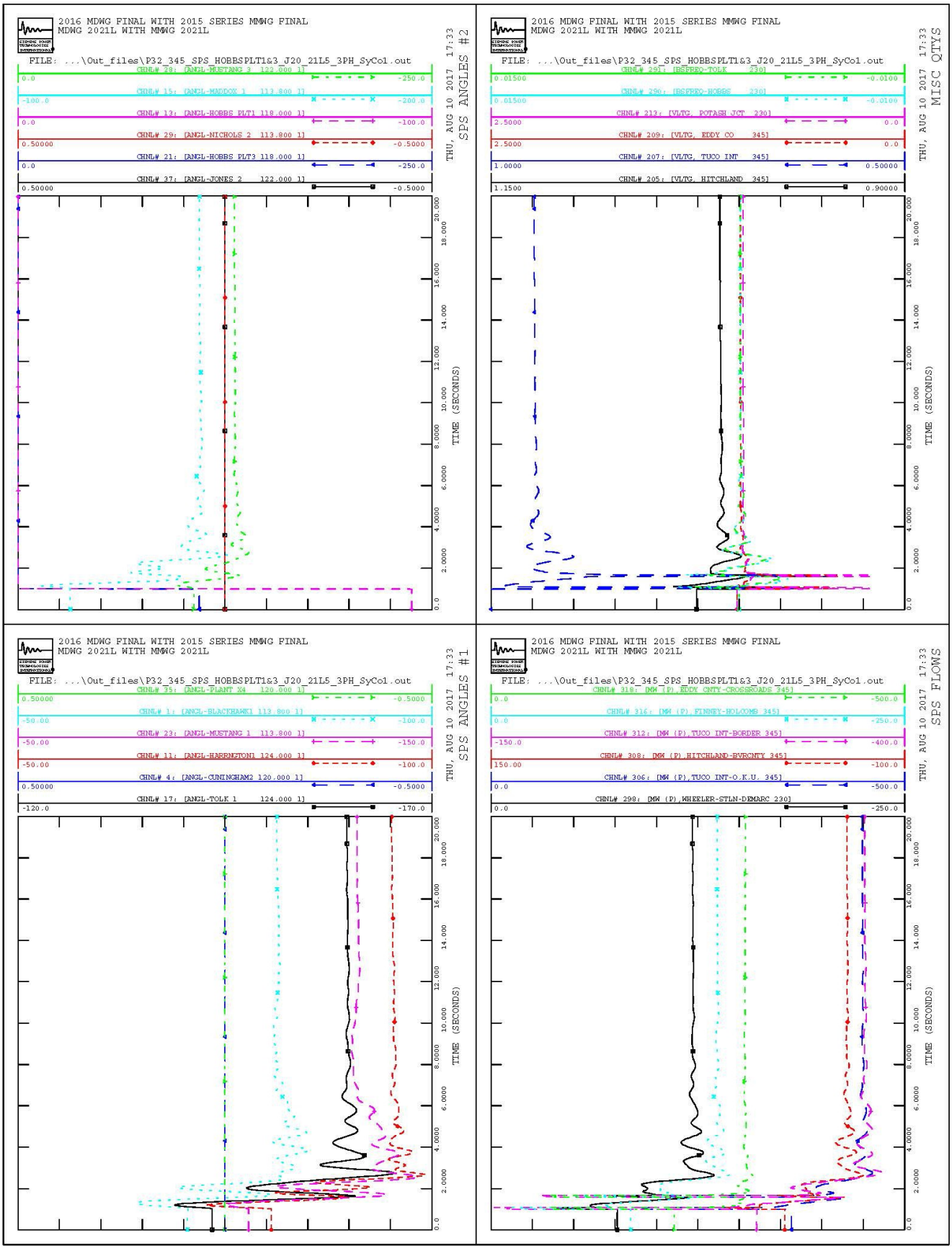
TIME (SECONDS)
MISC QTYS
SPS ANGLES #1
SPS FLOWS


2016 MDWG FINAL WITH 2015 SERIES MMWG FINAL
MDWG 2021L WITH MMWG 2021L
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SPS ANGLES #2
MISC QTYS
SPS ANGLES #1
SPS FLOWS
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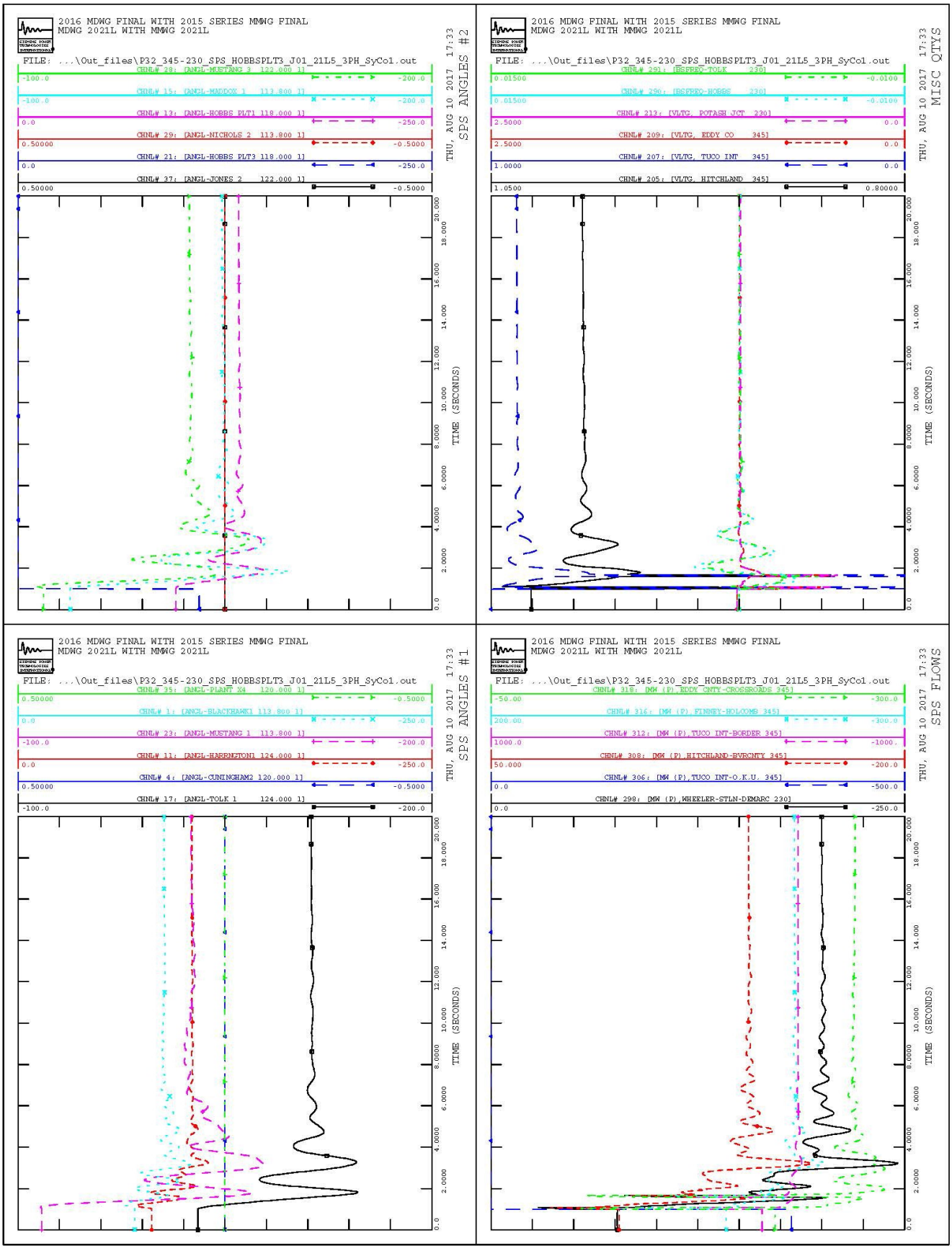
TIME (SECONDS)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MDWG 2021L WITH MMWG 2021L
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SPS ANGLES #2
TIME (SECONDS)
MISC QTYS
SPS ANGLES #1
SPS FLOWS