

DOCKET NO. 51802

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

**UPDATE TESTIMONY
of
JARRED J. COOLEY**

on behalf of

SOUTHWESTERN PUBLIC SERVICE COMPANY

(Filename: CooleyRRUpdate.docx; Total Pages: 181)

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GLOSSARY OF ACRONYMS AND DEFINED TERMS

<u>Acronym/Defined Term</u>	<u>Meaning</u>
SPS	Southwestern Public Service Company, a New Mexico corporation
Total Company or total company	Total SPS (before any jurisdictional allocation)
Update Period	October 1, 2020 through December 31, 2020
Updated Test Year	January 1, 2020 through December 31, 2020

LIST OF ATTACHMENTS

<u>Attachment</u>	<u>Description</u>
JJC-RR-U3 (Update Period)	Transmission Capital Additions from October 1, 2020 through December 31, 2020 (Filename: JJC-RR-U3.xlsx)
JJC-RR-U7	Summary of Transmission Capital Additions from July 1, 2019 through December 31, 2020 (Filename: JJC-RR-U7.xlsx)

**UPDATE TESTIMONY
OF
JARRED J. COOLEY**

I. WITNESS IDENTIFICATION

1

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

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

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

6 A. I am employed by Xcel Energy Services Inc. as Manager, Transmission Planning
7 South.

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

9 A. I am filing testimony on behalf of Southwestern Public Service Company, a New
10 Mexico corporation (“SPS”).

11 **Q. Are you the same Jarred J. Cooley who filed direct testimony on behalf of SPS**
12 **in this docket?**

13 A. Yes.

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A. As explained in SPS's direct testimony, SPS is using an Updated Test Year in this case, with the Updated Test Year being the twelve-month period from January 1, 2020 through December 31, 2020. Because SPS filed this case in early 2021, some of the costs listed in my testimony and attachments for the period from October 1, 2020 through December 31, 2020 ("Update Period") were estimates. My assignment in this update testimony is to replace those estimated costs with actual costs. I provide the actual costs for Transmission-related capital costs (and related affiliate expense) in my Attachment JJC-RR-U3.

A. The estimated amount of Transmission capital addition costs for the Update Period was \$181,285,587 (total company). The actual amount of Transmission capital addition costs closed to plant in service between October 1, 2020 through December 31, 2020 was \$184,215,701 (total company).¹ Those actual costs are reasonable and necessary, and they were prudently incurred for the reasons described in my direct testimony. Please refer to Attachment JJC-RR-U3, which provides actual information to replace estimates in SPS's direct case for the period from October 1, 2020 through December 31, 2020.

¹ As I explained in my direct testimony, the synchronous condensers placed in service at Tolk Generating Station during the Update Period are transmission assets, but they were installed by the Energy Supply group and therefore are supported by SPS witness Mark Lytal. Thus, they are not included in the Transmission capital addition amounts that I support.

1 In addition to providing actual amounts for projects closed to plant in
2 service during the Update Period, I have also included Attachment JJC-RR-U7,
3 which summarizes all the projects closed to plant in service during the period from
4 July 1, 2019 through December 31, 2020. Attachment JJC-RR-U7 provides a
5 comprehensive view of all the Transmission capital additions for which SPS seeks
6 a prudence determination in this case.

7 **Q. Were Attachments JJC-RR-U3 and JJC-RR-U7 prepared by you or under**
8 **your direct supervision and control?**

9 A. Yes, as to the data columns for project category, cost recovery method and project
10 descriptions in Attachments JJC-RR-U3 and JJC-RR-U7. SPS witness Mark P.
11 Moeller and his staff prepared the cost information contained in these attachments.
12 My staff and I have reviewed these attachments and believe them to be accurate.

1 **III. TRANSMISSION CAPITAL PROJECTS PLACED IN SERVICE**
2 **BETWEEN OCTOBER 1, 2020 AND DECEMBER 31, 2020**

3 **Q. Has SPS updated the Transmission-related capital additions for projects**
4 **placed in service between the end of the Test Year and December 31, 2020?**

5 A. Yes. SPS seeks to include in rate base the cost of capital additions placed in service
6 during the Update Period. As part of my direct testimony, I included estimated
7 costs for the capital additions expected to be placed in service during the Update
8 Period. Attachment JJC-RR-U3 provides SPS's actual total company costs closed
9 to plant in service for the Transmission-related capital projects, including affiliate
10 costs. For the reasons provided in my direct testimony, the costs included in
11 Attachment JJC-RR-U3 are reasonable and necessary, and they were prudently
12 incurred.

13 **Q. Has SPS also provided a summary of the Transmission capital additions for**
14 **the period of July 1, 2019 through December 31, 2020?**

15 A. Yes. For the convenience of the reader, Attachment JJC-RR-U7 lists all
16 Transmission capital additions for the period of July 1, 2019 through December 31,
17 2020. SPS seeks a prudence determination for those capital additions. Attachment
18 JJC-RR-U7 uses the same format as Attachment JJC-RR-2 to my direct testimony.

19 **Q. Does this conclude your pre-filed update testimony?**

20 A. Yes.

AFFIDAVIT

STATE OF TEXAS)
)
COUNTY OF RANDALL)

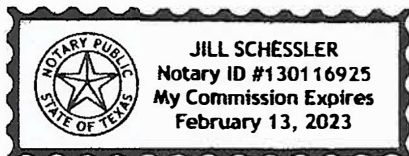
JARRED J. COOLEY, first being sworn on his oath, states:

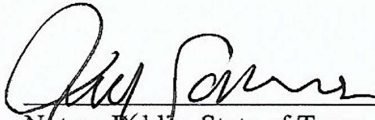
I am the witness identified in the preceding Update Testimony. I have read the Update Testimony and the accompanying attachment(s) and am familiar with the contents. Based upon my personal knowledge, the facts stated in the testimony are true. In addition, in my judgment and based upon my professional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



JARRED J. COOLEY

Subscribed and sworn to before me this 19 day of March 2021 by JARRED J. COOLEY.





Notary Public, State of Texas

My Commission Expires: 2/13/2023

CERTIFICATE OF SERVICE

I certify that on the 25th day of March 2021, notice of the filing of the foregoing update testimony with the PUCT was served on all parties of record by electronic service and was posted to SPS's file sharing platform.

/s/ Jeremiah W. Cunningham

Southwestern Public Service Company
Transmission Capital Additions
October 1, 2020 through December 31, 2020

(A) Line No.	(B) Asset Class	(C) Witness	(D) Project Category	(E-i) Additions to Plant-in-Service October 1, 2020 through December 31, 2020	(E-ii) XES Charges (Included in Column D)	(E-iii) Other Affiliate Charges (Included in Column D)
1	Electric Transmission	Cooley	OT	\$ 323,594.56	\$ 15,218.84	\$ -
2	Electric Transmission	Cooley	RE	(51.86)	-	-
3	Electric Transmission	Cooley	RE	(2,771.78)	-	-
4	Electric Transmission	Cooley	OT	72,679.83	13,230.18	-
5	Electric Transmission	Cooley	RE	480,615.00	-	-
6	Electric Transmission	Cooley	SR	1,812,990.96	4,103.83	-
7	Electric Transmission	Cooley	RE	(557.35)	-	-

Southwestern Public Service Company
Transmission Capital Additions
October 1, 2020 through December 31, 2020

(A) Line No.	(A) Asset Class	(E-iii) Total Affiliate Charges (Included in Column D)	(F) WBS Level 1 Project Group Name and Description
1	Electric Transmission	\$ 15,218.84	Agreement Merriek - 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.
2	Electric Transmission	-	Amarillo West Upgrade - This project provided for new infrastructure to provide service for Amarillo's expansion to the west.
3	Electric Transmission	-	Artesia Country Club 115kV conversion - 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.
4	Electric Transmission	13,230.18	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.
5	Electric Transmission	-	Cardinal Teague Recond 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 ampere rating. SPP issued SPS an NTC for this project.
6	Electric Transmission	4,103.83	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.
7	Electric Transmission	-	Carlisle to Wolfforth - 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.

Southwestern Public Service Company

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

(A)	(B)	(C)	(D)	(E-i)	(E-ii)
Line No.	Asset Class	Witness	Project Category	Additions to Plant-in-Service October 1, 2020 through December 31, 2020	XES Charges (Included in Column D) Other Affiliate Charges (Included in Column D)
8	Electric Transmission	Cooley	RE	2,471.83	-
9	Electric Transmission	Cooley	RE	(190.05)	-
10	Electric Transmission	Cooley	SR	18,303.18	-
11	Electric Transmission	Cooley	LI	1,386,180.01	11,593.95
12	Electric Transmission	Cooley	RE	215.65	-
13	Electric Transmission	Cooley	RE	(245,382.84)	-
14	Electric Transmission	Cooley	SR	4,177,231.05	11,555.53

Southwestern Public Service Company

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

(A) Line No.	(A) Asset Class	(E-iii) Total Affiliate Charges (Included in Column D)	(F) WBS Level 1 Project Group Name and Description
8	Electric Transmission	-	Cochran Co - Whiteface 115kv - This project reconducted 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.
9	Electric Transmission	-	Curry Co. Dist. Xfmr Conversion - 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.
10	Electric Transmission	-	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.
11	Electric Transmission	11,593.95	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.
12	Electric Transmission	-	Deaf Smith 230kV Breaker Add - This project created a ring bus on the 230-kV side of the Deaf Smith Substation.
13	Electric Transmission	-	Eddy County Dbl Bus Dbl Brkr 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.
14	Electric Transmission	11,555.53	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.

Southwestern Public Service Company

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

(A)	(B)	(C)	(D)	(E-i)	(E-ii)
Line No.	Asset Class	Witness	Project Category	Additions to Plant-in-Service October 1, 2020 through December 31, 2020	XES Charges (Included in Column D) Other Affiliate Charges (Included in Column D)
15	Electric Transmission	Cooley	SR	915,305.95	27,625.09
16	Electric Transmission	Cooley	SR	1,235,960.75	12,348.36
17	Electric Transmission	Cooley	SR	(1,225.06)	-
18	Electric Transmission	Cooley	GI	68.28	66.19
19	Electric Transmission	Cooley	GI	(476.52)	-
20	Electric Transmission	Cooley	GI	(58,993.54)	-
21	Electric Transmission	Cooley	GI	6,428.70	-

Southwestern Public Service Company

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

(A) Line No.	(A) Asset Class	(E-iii) Total Affiliate Charges (Included in Column D)	(F) WBS Level 1 Project Group Name and Description
15	Electric Transmission	27,625.09	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.
16	Electric Transmission	12,348.36	ELR RFL9300 Relays SPS - The term "ELR" stands for End of Life Replacement. This project replaced the RFL-9300 relay systems with new SEL-411L line current differential relay systems. The RFL-9300 hardware is obsolete and its electrical components are failing at an increasing rate. The manufacturer no longer supports this relay system and spare parts are not available. The new relay system provides high-speed tripping and faster backup tripping which eliminates the problems associated with long trip times on backup relaying when the RFL-9300 systems fail. This work was done at several transmission substations as part of a multi-year program.
17	Electric Transmission	-	Facility Upgrade Ancillary Equip - 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.
18	Electric Transmission	66.19	GEN 2011-022 (Firewheel) - This project constructed a new 345-kV terminal at Hitchland Interchange to provide an interconnection point for a new wind farm.
19	Electric Transmission	-	GEN 2013 027 Blue Cloud Wind - This project constructed the new 230-kV Needmore Switching Station to accommodate the new wind generation from Blue Cloud Wind.
20	Electric Transmission	-	Gen Upgrade Tolk X Reconnector - 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.
21	Electric Transmission	-	GEN-2015-014 Lost Draw Substation - This project constructed the new Lost Draw Switching Station to provide a 115-kV interconnection point for the Wildcat Ranch wind farm.

Southwestern Public Service Company

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

(A)	(B)	(C)	(D)	(E-i)	(E-ii)
Line No.	Asset Class	Witness	Project Category	Additions to Plant-in-Service October 1, 2020 through December 31, 2020	XES Charges (Included in Column D) Other Affiliate Charges (Included in Column D)
22	Electric Transmission	Cooley	RE	643,286.15	123.28
23	Electric Transmission	Cooley	LI	153.05	-
24	Electric Transmission	Cooley	TI	2,421.06	-
25	Electric Transmission	Cooley	LI	2,774,121.40	18,960.27
26	Electric Transmission	Cooley	RE	(44,331.34)	-
27	Electric Transmission	Cooley	OT	(50.23)	-
28	Electric Transmission	Cooley	LI	(2.93)	242.76

Southwestern Public Service Company

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

(A)	(E-iii)	(F)
Line No.	Asset Class	WBS Level 1 Project Group Name and Description
22	Electric Transmission	Hale to Cox V07 Rebuild - This project reconducted 20 miles of 115-kV transmission line from Hale County Interchange to Cox Substation to achieve a minimum summer emergency rating of 110 MVA per SPP. SPP issued SPS an NTC for this project.
23	Electric Transmission	Hillside - 2nd DCP 28MVA XFMR - 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 additional capacity to serve new distribution loads in the southwest Amarillo area.
24	Electric Transmission	Hitchland II (Optima) - 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.
25	Electric Transmission	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.
26	Electric Transmission	Ink Basin Substation - 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.
27	Electric Transmission	Interconnection CVEC Mobile - 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.
28	Electric Transmission	Interconnection Kemp GSEC RBEC - 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.

Southwestern Public Service Company

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

(A) Line No.	(B) Asset Class	(C) Witness	(D) Project Category	(E-i) Additions to Plant-in-Service October 1, 2020 through December 31, 2020	(E-ii) XES Charges (Included in Column D)	(E-iii) Other Affiliate Charges (Included in Column D)
29	Electric Transmission	Cooley	LI	(4,293.75)	-	-
30	Electric Transmission	Cooley	LI	(157,658.20)	5,658.86	-
31	Electric Transmission	Cooley	LI	(1,447.52)	-	-
32	Electric Transmission	Cooley	LI	2,331.53	1,882.84	-
33	Electric Transmission	Cooley	OT	(630.54)	-	-
34	Electric Transmission	Cooley	LI	139,773.89	4,902.87	-
35	Electric Transmission	Cooley	GI/LI	54,830.94	-	-
36	Electric Transmission	Cooley	LI	188,916.34	-	-
37	Electric Transmission	Cooley	LI	39,502.96	167.54	-

Southwestern Public Service Company

Transmission Capital Additions

October 1, 2020 through December 31, 2020

(A)	(E-iii)	(F)
Line No.	Asset Class	WBS Level 1 Project Group Name and Description
29	Electric Transmission	Interconnection Matador - This project provided a 115-kV service point to the Matador natural gas processing plant located near Loving, New Mexico.
30	Electric Transmission	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.
31	Electric Transmission	Interconnection Sendero - 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.
32	Electric Transmission	Interconnection Tall Cotton Johnson Draw - 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.
33	Electric Transmission	Interconnection WIPP - 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.
34	Electric Transmission	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.
35	Electric Transmission	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.
36	Electric Transmission	Interconnection XTO Mahoney - 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.
37	Electric Transmission	Interconnection XTO Poker Cowboy Phase 1 - 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.

Southwestern Public Service Company

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

(A)	(B)	(C)	(D)	(E-i)	(E-ii)
Line No.	Asset Class	Witness	Project Category	Additions to Plant-in-Service October 1, 2020 through December 31, 2020	XES Charges (Included in Column D) Other Affiliate Charges (Included in Column D)
38	Electric Transmission	Cooley	LI	(2,411.52)	(2,304.00)
39	Electric Transmission	Cooley	RE	6,435.07	463.68
40	Electric Transmission	Cooley	SR	496,188.13	18,885.44
41	Electric Transmission	Cooley	RE	13,257,010.87	59,097.84
42	Electric Transmission	Cooley	RE	35,675.68	871.96
43	Electric Transmission	Cooley	RE	484,856.12	5,384.80
44	Electric Transmission	Cooley	RE	(546.35)	-

Southwestern Public Service Company

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

(A) Line No.	(E-iii) Asset Class	(E-iii) Total Affiliate Charges (Included in Column D)	(F) WBS Level 1 Project Group Name and Description
38	Electric Transmission	(2,304.00)	Interconnection Yuma - 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.
39	Electric Transmission	463.68	K62 Nichols - Amarillo South Terminal Upgrade - 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.
40	Electric Transmission	18,885.44	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.
41	Electric Transmission	59,097.84	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.
42	Electric Transmission	871.96	Mustang-Shell CO2 115kV Line - 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.
43	Electric Transmission	5,384.80	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.
44	Electric Transmission	-	OPIE 1 Road Runner (Intere 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.

Southwestern Public Service Company

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

(A) Line No.	(B) Asset Class	(C) Witness	(D) Project Category	(E-i) Additions to Plant-in-Service October 1, 2020 through December 31, 2020	(E-ii) XES Charges (Included in Column D)	(E-iii) Other Affiliate Charges (Included in Column D)
45	Electric Transmission	Cooley	RE	(1,254.17)	-	-
46	Electric Transmission	Cooley	RE	(2,751.85)	-	-
47	Electric Transmission	Cooley	RE	\$ 62,074,910.83	\$ 40,427.25	-
48	Electric Transmission	Cooley	RE	(1,431.77)	-	-
49	Electric Transmission	Cooley	LI	16,500,590.32	27,758.06	-
50	Electric Transmission	Cooley	LI	1,813,287.86	14,348.94	-

Southwestern Public Service Company

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

(A) Line No.	(A) Asset Class	(E-iii) Total Affiliate Charges (Included in Column D)	(F) WBS Level 1 Project Group Name and Description
45	Electric Transmission	-	OPIE 2 China Draw-Wood Draw 115kV_PID 30825 - 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.
46	Electric Transmission	-	OPIE 2 China Draw-Yeso Hills 115kV_PID 30675 - 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.
47	Electric Transmission	\$ 40,427.25	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.
48	Electric Transmission	-	OPIE 3 Kiowa-China Draw 345kV_PID 30638 - 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.
49	Electric Transmission	27,758.06	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.
50	Electric Transmission	14,348.94	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.

Southwestern Public Service Company
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(A) Line No.	(B) Asset Class	(C) Witness	(D) Project Category	(E-i) Additions to Plant-in-Service October 1, 2020 through December 31, 2020	(E-ii) XES Charges (Included in Column D)	(E-iii) Other Affiliate Charges (Included in Column D)
51	Electric Transmission	Cooley	RE	(88.42)	-	-
52	Electric Transmission	Cooley	RE/LI	14,894,802.16	6,094.91	-
53	Electric Transmission	Cooley	LI	7,000,003.44	-	-
54	Electric Transmission	Cooley	RE	(63,715.50)	-	-
55	Electric Transmission	Cooley	RE	3,967.68	1,126.47	-
56	Electric Transmission	Cooley	RE	(551.69)	-	-
57	Electric Transmission	Cooley	RE	(7,389.43)	-	-

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

(A) Line No.	(A) Asset Class	(E-iii) Total Affiliate Charges (Included in Column D)	(F) WBS Level 1 Project Group Name and Description
51	Electric Transmission	-	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.
52	Electric Transmission	6,094.91	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.
53	Electric Transmission	-	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.
54	Electric Transmission	-	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.
55	Electric Transmission	1,126.47	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.
56	Electric Transmission	-	OPIE Potash-Livingston Ridge Recond - 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.
57	Electric Transmission	-	OPIE Recondutor PCA-Quahada - 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.

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October 1, 2020 through December 31, 2020

(A)	(B)	(C)	(D)	(E-i)	(E-ii)
Line No.	Asset Class	Witness	Project Category	Additions to Plant-in-Service October 1, 2020 through December 31, 2020	XES Charges (Included in Column D) Other Affiliate Charges (Included in Column D)
58	Electric Transmission	Cooley	RE	(1,209.01)	-
59	Electric Transmission	Cooley	RE	11,016,276.16	143,128.99
60	Electric Transmission	Cooley	OT	2,239,398.72	4,281.71
61	Electric Transmission	Cooley	RE	6,546.87	975.65
62	Electric Transmission	Cooley	OT	363,750.06	-
63	Electric Transmission	Cooley	RE	(230.02)	-

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(A)	(E-iii)	(F)
Line No.	Asset Class	WBS Level 1 Project Group Name and Description
58	Electric Transmission	OPIE Roadrunner to Agave Ochoa 115 Lines - This project constructed a new 115-kV line from Roadrunner substation to Agave #2 (customer-owned substation). SPP issued SPS an NTC for this project.
59	Electric Transmission	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 ("HPLS") 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.
60	Electric Transmission	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.
61	Electric Transmission	Plant X 115kV BFR - 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.
62	Electric Transmission	Pole Treatment Program - This project provided for a portion 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.
63	Electric Transmission	Portales 115 kV Loop - 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.

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(A)	(B)	(C)	(D)	(E-i)	(E-ii)
Line No.	Asset Class	Witness	Project Category	Additions to Plant-in-Service October 1, 2020 through December 31, 2020	XES Charges (Included in Column D) Other Affiliate Charges (Included in Column D)
64	Electric Transmission	Cooley	LI	(437.61)	788.88
65	Electric Transmission	Cooley	RE	(29,294.70)	-
66	Electric Transmission	Cooley	SR	10,989,796.07	56,472.62
67	Electric Transmission	Cooley	SR	1,352,183.04	11,520.18
68	Electric Transmission	Cooley	RE	(63.06)	-
69	Electric Transmission	Cooley	RE	(826.85)	-
70	Electric Transmission	Cooley	LI	19,178.23	-
71	Electric Transmission	Cooley	SR	1,958,340.38	31,448.89

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October 1, 2020 through December 31, 2020

(A)	(E-iii)	(F)
Line No.	Asset Class	Total Affiliate Charges (Included in Column D)
		WBS Level 1 Project Group Name and Description
64	Electric Transmission	788.88 RB - Purnell Sub - 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.
65	Electric Transmission	- Roswell Loop - 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.
66	Electric Transmission	56,472.62 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.
67	Electric Transmission	11,520.18 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.
68	Electric Transmission	- seminole intg 230/115kV xfmr #1 & #2 upgrades - 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.
69	Electric Transmission	- Sierra Substation (RIAC Conversion) - 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.
70	Electric Transmission	- 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.
71	Electric Transmission	31,448.89 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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October 1, 2020 through December 31, 2020

(A)	(B)	(C)	(D)	(E-i)	(E-ii)
Line No.	Asset Class	Witness	Project Category	Additions to Plant-in-Service October 1, 2020 through December 31, 2020	XES Charges (Included in Column D) Other Affiliate Charges (Included in Column D)
72	Electric Transmission	Cooley	SR	208,775.37	11,811.69
73	Electric Transmission	Cooley	RE	288,674.99	1,839.17
74	Electric Transmission	Cooley	SR	328,494.97	2,156.97
75	Electric Transmission	Cooley	SR	641,586.19	2,569.31
76	Electric Transmission	Cooley	RE	1,401,486.92	9,563.26

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

(A) Line No.	(A) Asset Class	(E-iii) Total Affiliate Charges (Included in Column D)	(F) WBS Level 1 Project Group Name and Description
72	Electric Transmission	11,811.69	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).
73	Electric Transmission	1,839.17	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.
74	Electric Transmission	2,156.97	SPS Group 1 Switch Replacements - These projects replaced old high-maintenance or broken switches with new switches.
75	Electric Transmission	2,569.31	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.
76	Electric Transmission	9,563.26	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.

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Transmission Capital Additions
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(A) Line No.	(B) Asset Class	(C) Witness	(D) Project Category	(E-i) Additions to Plant-in-Service October 1, 2020 through December 31, 2020	(E-ii) XES Charges (Included in Column D)	(E-iii) Other Affiliate Charges (Included in Column D)
77	Electric Transmission	Cooley	OT	2,079,506.67	31,321.90	-
78	Electric Transmission	Cooley	SR	646,510.07	145.25	-
79	Electric Transmission	Cooley	SR	898,456.52	5,506.33	-
80	Electric Transmission	Cooley	RE	7,377,234.83	42,991.22	-
81	Electric Transmission	Cooley	RE	(79.97)	-	-

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

(A) Line No.	(E-iii) Asset Class	(E-iii) Total Affiliate Charges (Included in Column D)	(F) WBS Level 1 Project Group Name and Description
77	Electric Transmission	31,321.90	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.
78	Electric Transmission	145.25	SPS Switch Replace - 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.
79	Electric Transmission	5,506.33	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.
80	Electric Transmission	42,991.22	Sundown 230/115 Auto Upgrade - This project replaced the existing 230/115-kV, 150 MVA autotransformer at Sundown Interchange with a transformer and associated equipment having a minimum summer emergency rating of 283 MVA per SPP. SPP issued SPS an NTC for this project.
81	Electric Transmission	-	Targa Cardinal Reconductor 115kV Line - This project re-conducted the 2.6-mile, 115-kV transmission circuit running from Targa Substation to the Cardinal Switching Station. This project was needed to eliminate the overloading of this segment during certain system conditions. SPP issued SPS an NTC for this project.

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

(A) Line No.	(B) Asset Class	(C) Witness	(D) Project Category	(E-i) Additions to Plant-in-Service October 1, 2020 through December 31, 2020	(E-ii) XES Charges (Included in Column D)	(E-iii) Other Affiliate Charges (Included in Column D)
82	Electric Transmission	Cooley	RE	88,153.48	1,589.71	-
83	Electric Transmission	Cooley	EC/TT	11,092.26	-	-
84	Electric Transmission	Cooley	SR	3,837,818.07	19,683.15	-
85	Electric Transmission	Cooley	OT	2,364,651.70	19,832.06	-
86	Electric Transmission	Cooley	RE	0.12	-	-

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Transmission Capital Additions
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(A) Line No.	(A) Asset Class	(E-iii) Total Affiliate Charges (Included in Column D)	(F) WBS Level 1 Project Group Name and Description
82	Electric Transmission	1,589.71	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.
83	Electric Transmission	-	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.
84	Electric Transmission	19,683.15	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.
85	Electric Transmission	19,832.06	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.
86	Electric Transmission	-	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.

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(A)	(B)	(C)	(D)	(E-i)	(E-ii)
Line No.	Asset Class	Witness	Project Category	Additions to Plant-in-Service October 1, 2020 through December 31, 2020	XES Charges (Included in Column D) Other Affiliate Charges (Included in Column D)
87	Electric Transmission	Cooley	RE	97,725.67	72.00
88	Electric Transmission	Cooley	RE	1,660.72	-
89	Electric Transmission	Cooley	RE	(5.53)	20.98
90	Electric Transmission	Cooley	RE	(928.39)	-
91	Electric Transmission	Cooley	RE	(7,661.01)	-
92	Electric Transmission	Cooley	LI	(464,604.44)	96.45

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(A) Line No.	(A) Asset Class	(E-iii) Total Affiliate Charges (Included in Column D)	(F) WBS Level 1 Project Group Name and Description
87	Electric Transmission	72.00	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.
88	Electric Transmission	-	W26 Reconductor Cunningham-Monument Tap - 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.
89	Electric Transmission	20.98	W71 Terminal Upgrades at Coulter - 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.
90	Electric Transmission	-	W77 Canyon East Tap to Arrowhead - 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.
91	Electric Transmission	-	W77 T75 Reconductor Arrowhead to Randall - 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.
92	Electric Transmission	96.45	Western St Sub (TAM) - 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.

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(A)	(B)	(C)	(D)	(E-i)	(E-ii)
Line No.	Asset Class	Witness	Project Category	Additions to Plant-in-Service October 1, 2020 through December 31, 2020	XES Charges (Included in Column D) Other Affiliate Charges (Included in Column D)
93	Electric Transmission	Cooley	RE	845.06	-
94	Electric Transmission	Cooley	SR	(1,481.52)	-
95	Electric Transmission	Cooley	SR	956,087.95	624.47
96	Total Electric Transmission			\$ 178,914,316.00	\$ 698,276.58
97	Electric General	Cooley	SR	24,254.87	624.45
98	Electric General	Cooley	OT	420,577.77	1,183.02
99	Electric General	Cooley	GI	(19,963.27)	-
100	Electric General	Cooley	OT	73,216.57	-
101	Electric General	Cooley	LI	30,481.17	-

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(A)	(E-iii)	(F)
Line No.	Asset Class	WBS Level 1 Project Group Name and Description
	Total Affiliate Charges (Included in Column D)	
93	Electric Transmission	Wolfroth 2nd 230/115 kV auto addition - This project was to add a second 230/115-kV transformer at Wolfroth Interchange. However, the decision was later made to replace the existing transformer with a larger unit rather than add a second transformer. This project has been cancelled and these capital additions are in the process of being moved to the appropriate active project.
94	Electric Transmission	Xfmr Spare Security SPS - 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.
95	Electric Transmission	Z18 Tuco Plainview Line - This project was the fourth phase of a complete wreck out and rebuild of a portion of the 69-kV line Z-18. 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.
96	Total Electric Transmission	\$ 698,276.58
97	Electric General	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.
98	Electric General	Fault Recorders - SPS - This project installed fault recorders for disturbance monitoring at substations.
99	Electric General	GEN 2012-020 Hale Co Wind, 478MW - This project constructed a new 230-kV terminal at TUCO Interchange for the interconnection of the Hale County wind farm.
100	Electric General	General Furniture - This project purchased furniture, typically a desk and chairs, for control houses located in transmission substations.
101	Electric General	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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(A)	(B)	(C)	(D)	(E-i)	(E-ii)
Line No.	Asset Class	Witness	Project Category	Additions to Plant-in-Service October 1, 2020 through December 31, 2020	XES Charges (Included in Column D) Other Affiliate Charges (Included in Column D)
102	Electric General	Cooley	RE	117,121.48	2,089.41
103	Electric General	Cooley	RE	155,361.89	501.42
104	Electric General	Cooley	RE/LI	187,835.23	873.43
105	Electric General	Cooley	RE	(207.38)	-

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(A) Line No.	(A) Asset Class	(E-iii) Total Affiliate Charges (Included in Column D)	(F) WBS Level 1 Project Group Name and Description
102	Electric General	2,089.41	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.
103	Electric General	501.42	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.
104	Electric General	873.43	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.
105	Electric General	-	OPIE Roadrunner to Agave Ochoa 115 Lines - This project constructed a new 115-kV line from Roadrunner substation to Agave #2 (customer-owned substation). SPP issued SPS an NTC for this project.

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(A)	(B)	(C)	(D)	(E-i)	(E-ii)
Line No.	Asset Class	Witness	Project Category	Additions to Plant-in-Service October 1, 2020 through December 31, 2020	XES Charges (Included in Column D) Other Affiliate Charges (Included in Column D)
106	Electric General	Cooley	RE	(320.53)	-
107	Electric General	Cooley	OT	97,102.45	1,454.70
108	Electric General	Cooley	RE	12,015.38	-
109	Electric General	Cooley	OT	498,117.76	10,973.39
110	Electric General	Cooley	SR	91,541.57	1,774.34
111	Electric General	Cooley	OT	380,904.77	5,682.77
112	Electric General	Cooley	SR	372.26	-

Southwestern Public Service Company

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

(A)	(E-iii)	(F)
Line No.	Asset Class	Total Affiliate Charges (Included in Column D)
106	Electric General	WBS Level 1 Project Group Name and Description 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.
107	Electric General	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. 1,454.70
108	Electric General	Plant X 115kV BFR - 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. -
109	Electric General	RTU - EMS Upgrade - SPS - This project replaced remote terminal units ("RTUs") that were at the end of their useful service life. 10,973.39
110	Electric General	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. 1,774.34
111	Electric General	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. 5,682.77
112	Electric General	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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Transmission Capital Additions
October 1, 2020 through December 31, 2020

(A)	(B)	(C)	(D)	(E-i)	(E-ii)
Line No.	Asset Class	Witness	Project Category	Additions to Plant-in-Service October 1, 2020 through December 31, 2020	XES Charges (Included in Column D) Other Affiliate Charges (Included in Column D)
113	Electric General	Cooley	OT	1,901.62	1,681.43
114	Electric General	Cooley	SR	(367.05)	-
115	Electric General	Cooley	RE	420,202.92	605.57
116	Electric General	Cooley	OT	509,298.54	3,533.02
117	Electric General	Cooley	SR	(9,779.88)	-
118	Electric General	Cooley	RE	212,112.05	458.28

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

(A) Line No.	(A) Asset Class	(E-iii) Total Affiliate Charges (Included in Column D)	(F) WBS Level 1 Project Group Name and Description
113	Electric General	1,681.43	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.
114	Electric General	-	SPS Group 1 Switch Replacements - These projects replaced old high-maintenance or broken switches with new switches.
115	Electric General	605.57	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.
116	Electric General	3,533.02	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.
117	Electric General	-	SPS Switch Replace - 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.
118	Electric General	458.28	Sundown 230/115 Auto Upgrade - This project replaced the existing 230/115-kV, 150 MVA autotransformer at Sundown Interchange with a transformer and associated equipment having a minimum summer emergency rating of 283 MVA per SPP. SPP issued SPS an NTC for this project.

Southwestern Public Service Company
Transmission Capital Additions
October 1, 2020 through December 31, 2020

(A)	(B)	(C)	(D)	(E-i)	(E-ii)
Line No.	Asset Class	Witness	Project Category	Additions to Plant-in-Service October 1, 2020 through December 31, 2020	XES Charges (Included in Column D) Other Affiliate Charges (Included in Column D)
119	Electric General	Cooley	OT	21,891.14	-
120	Electric General	Cooley	OT	119,073.67	-
121	Electric General	Cooley	OT	(9.36)	-
122	Electric General	Cooley	OT	113,214.31	-
123	Electric General	Cooley	OT	170,916.84	-
124	Electric General	Cooley	OT	18,560.87	-
125	Electric General	Cooley	OT	132,413.92	-
126	Electric General	Cooley	OT	\$ 1,457,352.24	\$ 11,615.76

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

(A) Line No.	(A) Asset Class	(E-iii) Total Affiliate Charges (Included in Column D)	(F) WBS Level 1 Project Group Name and Description
119	Electric General	-	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.
120	Electric General	-	Tools - Engineering - This project purchased capital tools for engineering purposes, such as relays and test equipment for commissioning laboratories.
121	Electric General	-	Tools and Equipment - This project purchased tools and equipment for capital work at substations.
122	Electric General	-	Tools COM Substation - This project purchased capital tools for construction and maintenance activities.
123	Electric General	-	Tools Line Field Ops - This project purchased capital tools for the construction of capital projects.
124	Electric General	-	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.
125	Electric General	-	Tools, Training Center - This project purchased capital tools to construct capital projects and capital tools to be used in the training center.
126	Electric General	\$ 11,615.76	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.

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Transmission Capital Additions
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(A) Line No.	(B) Asset Class	(C) Witness	(D) Project Category	(E-i) Additions to Plant-in-Service October 1, 2020 through December 31, 2020	(E-ii) XES Charges (Included in Column D)	(E-iii) Other Affiliate Charges (Included in Column D)
127	Electric General	Cooley	SR	66,190.97	422.90	-
128	Total Electric General			\$ 5,301,384.79	\$ 43,473.89	-
129	Grand Total			\$ 184,215,700.79	\$ 741,750.47	-

Southwestern Public Service Company

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

(A) Line No.	(A) Asset Class	(E-iii) Total Affiliate Charges (Included in Column D)	(F) WBS Level 1 Project Group Name and Description
127	Electric General	422.90	Tucso 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.
128	Total Electric General	\$ 43,473.89	
129	Grand Total	\$ 741,750.47	

Southwestern Public Service Company

Transmission Capital Additions
July 1, 2019 through December 31, 2020

(A)		(B)		(C)		(D)	(E)	(F)
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 - December 31, 2020)
1	Electric Transmission	345 115kV 448MVA Xfmr spare Sub		A.0001267.001	345/115kV 448MVA XfmrspaceSub		201901	218,929.53
2	Electric Transmission	345 115kV 448MVA Xfmr spare Sub Total						218,929.53
3	Electric Transmission	Agreement Lighthouse Bill of Sale		A.0001003.001	Lighthouse Switch Install Transmiss		201803	7,758.97
4	Electric Transmission	Agreement Lighthouse Bill of Sale Total						7,758.97
5	Electric Transmission	Agreement Merrick		A.0001407.001	T-63 Transmission Line Relocation		202010	(104,312.79)
6	Electric Transmission	Agreement Merrick		A.0001407.003	W-57 Transmission Line Relocation		202010	427,907.35
7	Electric Transmission	Agreement Merrick Total						323,594.56
8	Electric Transmission	Agreement Rogers Elementary		A.0001403.001	Y 92 Replace Stub Pole		202001	(10,653.80)
9	Electric Transmission	Agreement Rogers Elementary Total						(10,653.80)
10	Electric Transmission	Amarillo West Upgrade		A.0000781.013	Bushland Relay		202003	595,105.24
11	Electric Transmission	Amarillo West Upgrade		A.0000781.014	Coulter Relay		201905	129,791.90
12	Electric Transmission	Amarillo West Upgrade		A.0000781.015	Modify V44 at Colter for SL335		201708	1,115.76
13	Electric Transmission	Amarillo West Upgrade		A.0000781.018	U24 Structure Replacement CIAC		201904	3,714.77
14	Electric Transmission	Amarillo West Upgrade Total						729,727.67
15	Electric Transmission	Artesia Country Club 115kV conversion		A.0000126.005	Artesia Cty Club Line		201911	1,927,187.09
16	Electric Transmission	Artesia Country Club 115kV conversion Total						1,927,187.09
17	Electric Transmission	Artesia South 115 Conversion		A.0001168.003	EGCK W92 Line Relays		201910	0.01
18	Electric Transmission	Artesia South 115 Conversion		A.0001168.005	ATOK W92 Line Relays		201904	41.78
19	Electric Transmission	Artesia South 115 Conversion Total						41.79
20	Electric Transmission	Atoka-Eagle Creek		A.0000540.001	Atoka-Eagle Creek 115 kV Line		201812	56,239.91
21	Electric Transmission	Atoka-Eagle Creek Total						56,239.91

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Transmission Capital Additions
July 1, 2019 through December 31, 2020

(A)		(B)	(G)		(H)	(I)	(J)
Line No.	Asset Class	WBS Level 1 Project Group Name	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)	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)	
1	Electric Transmission	345 115kV 448MVA Xfmr spare Sub	\$	166.22	\$	\$ 218,763.31	
2	Electric Transmission	345 115kV 448MVA Xfmr spare Sub Total	166.22	-	166.22	218,763.31	
3	Electric Transmission	Agreement Lighthouse Bill of Sale	625.02	-	625.02	7,133.95	
4	Electric Transmission	Agreement Lighthouse Bill of Sale Total	625.02	-	625.02	7,133.95	
5	Electric Transmission	Agreement Merrick	15,218.84	-	15,218.84	(119,531.63)	
6	Electric Transmission	Agreement Merrick	-	-	-	427,907.35	
7	Electric Transmission	Agreement Merrick Total	15,218.84	-	15,218.84	308,375.72	
8	Electric Transmission	Agreement Rogers Elementary	10,395.59	-	10,395.59	(21,049.39)	
9	Electric Transmission	Agreement Rogers Elementary Total	10,395.59	-	10,395.59	(21,049.39)	
10	Electric Transmission	Anarillo West Upgrade	5,236.05	-	5,236.05	589,869.19	
11	Electric Transmission	Anarillo West Upgrade	3,354.57	-	3,354.57	126,437.33	
12	Electric Transmission	Anarillo West Upgrade	-	-	-	1,115.76	
13	Electric Transmission	Anarillo West Upgrade	-	-	-	3,714.77	
14	Electric Transmission	Anarillo West Upgrade Total	8,590.62	-	8,590.62	721,137.05	
15	Electric Transmission	Artesia Country Club 115kV conversion	7,909.37	-	7,909.37	1,919,277.72	
16	Electric Transmission	Artesia Country Club 115kV conversion Total	7,909.37	-	7,909.37	1,919,277.72	
17	Electric Transmission	Artesia South 115 Conversion	-	-	-	0.01	
18	Electric Transmission	Artesia South 115 Conversion	-	-	-	41.78	
19	Electric Transmission	Artesia South 115 Conversion Total	-	-	-	41.79	
20	Electric Transmission	Atoka-Eagle Creek	-	-	-	56,239.91	
21	Electric Transmission	Atoka-Eagle Creek Total	-	-	-	56,239.91	

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Transmission Capital Additions
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(A)		(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Cost Recovery Method	Project Category
1	Electric Transmission	345 115kV 448MVA Xfmr spare Sub	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
2	Electric Transmission	345 115kV 448MVA Xfmr spare Sub Total			
3	Electric Transmission	Agreement Lighthouse Bill of Sale	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
4	Electric Transmission	Agreement Lighthouse Bill of Sale Total			
5	Electric Transmission	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.	Customer Funded	OT
6	Electric Transmission	Agreement Merrick			
7	Electric Transmission	Agreement Merrick Total			
8	Electric Transmission	Agreement Rogers Elementary	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
9	Electric Transmission	Agreement Rogers Elementary Total			
10	Electric Transmission	Amarillo West Upgrade	This project provided for new infrastructure to provide service for Amarillo's expansion to the west.	SPS Zonal	RE
11	Electric Transmission	Amarillo West Upgrade			
12	Electric Transmission	Amarillo West Upgrade			
13	Electric Transmission	Amarillo West Upgrade			
14	Electric Transmission	Amarillo West Upgrade Total			
15	Electric Transmission	Artesia Country Club 115kV conversion	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
16	Electric Transmission	Artesia Country Club 115kV conversion Total			
17	Electric Transmission	Artesia South 115 Conversion	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
18	Electric Transmission	Artesia South 115 Conversion			
19	Electric Transmission	Artesia South 115 Conversion Total			
20	Electric Transmission	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.	SPP Base Plan	RE
21	Electric Transmission	Atoka-Eagle Creek Total			

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Transmission Capital Additions
July 1, 2019 through December 31, 2020

(A)		(B)		(C)		(D)	(E)	(F)
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 - December 31, 2020)
22	Electric Transmission	Bailey City-New Amherst-Lamb Cty		A.0000866.001		Bailey County-New Amherst 115k	202001	(453.96)
23	Electric Transmission	Bailey City-New Amherst-Lamb Cty		A.0000866.027		V13 Tap to W Littlefield ROW	201509	(1.00)
24	Electric Transmission	Bailey City-New Amherst-Lamb Cty		A.0000866.033		Lamb County Land	201706	(62,142.92)
25	Electric Transmission	Bailey City-New Amherst-Lamb Cty Total						(62,597.88)
26	Electric Transmission	Breaker Failure Monitoring		A.0001479.003		Carlsbad BFM C950	202012	7,348.15
27	Electric Transmission	Breaker Failure Monitoring		A.0001479.004		Chaves Co BFM 4H95/4F205	202012	8,966.05
28	Electric Transmission	Breaker Failure Monitoring		A.0001479.005		Eddy Co BFM 4L55	202012	84.29
29	Electric Transmission	Breaker Failure Monitoring		A.0001479.006		Finney BFM OR90/OR70	202012	9,928.33
30	Electric Transmission	Breaker Failure Monitoring		A.0001479.007		Frankford BFM 6180	202012	9,906.05
31	Electric Transmission	Breaker Failure Monitoring		A.0001479.009		Hereford BFM 2I215	202012	6,631.82
32	Electric Transmission	Breaker Failure Monitoring		A.0001479.010		Hillside BFM 2H25	202012	4,081.30
33	Electric Transmission	Breaker Failure Monitoring		A.0001479.011		Lakeview BFM 6F90	202011	8,657.36
34	Electric Transmission	Breaker Failure Monitoring		A.0001479.013		Potter Co BFM 2L15/2L50	202012	7,648.13
35	Electric Transmission	Breaker Failure Monitoring		A.0001479.014		Roswell BFM 4H405	202012	3,220.05
36	Electric Transmission	Breaker Failure Monitoring		A.0001479.015		Seminole BFM 6K100/6K105	202012	6,208.30
37	Electric Transmission	Breaker Failure Monitoring Total						72,679.83
38	Electric Transmission	Cardinal Teague Recond 115kV Line		A.0001271.004		Cardinal-Teague Recond 115kV	201811	16,095.62
39	Electric Transmission	Cardinal Teague Recond 115kV Line		A.0001271.009		REFUND NEF 115kV Line	202011	480,615.00
40	Electric Transmission	Cardinal Teague Recond 115kV Line Total						496,710.62
41	Electric Transmission	Cargill 14.4 Mvar Cap Bank		A.0001272.001		Cargill 14.4 Mvar Cap Bank	201812	(9,251.85)
42	Electric Transmission	Cargill 14.4 Mvar Cap Bank Total						(9,251.85)
43	Electric Transmission	Carlisle Cap Bank Rplmt		A.0001243.001		Carlisle Cap Bank Rplmt	202012	1,812,990.96
44	Electric Transmission	Carlisle Cap Bank Rplmt Total						1,812,990.96
45	Electric Transmission	Carlisle to Wolforth		A.0000511.001		Carlisle to Wolforth 230 kVLI	201711	531.45
46	Electric Transmission	Carlisle to Wolforth		A.0000511.001		Carlisle to Wolforth 230 kVLI	201905	(5.88)
47	Electric Transmission	Carlisle to Wolforth		A.0000511.004		Carlisle to Wolforth Wolforth	201711	4,277.88
48	Electric Transmission	Carlisle to Wolforth		A.0000511.008		Carlisle to Wolforth ROW	201906	54.26
49	Electric Transmission	Carlisle to Wolforth		A.0000511.020		Carl-Wolf Lubbock S Relay at	201803	(37,808.89)

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(A)		(B)	(G)		(H)	(I)	(J)
Line No.	Asset Class	WBS Level 1 Project Group Name	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)	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)	
22	Electric Transmission	Bailey City-New Amherst-Lamb City	(10,591.18)	-	(10,591.18)	10,137.22	
23	Electric Transmission	Bailey City-New Amherst-Lamb City	-	-	-	(1.00)	
24	Electric Transmission	Bailey City-New Amherst-Lamb City	-	-	-	(62,142.92)	
25	Electric Transmission	Bailey City-New Amherst-Lamb City Total	(10,591.18)	-	(10,591.18)	(52,006.70)	
26	Electric Transmission	Breaker Failure Monitoring	3,195.04	-	3,195.04	4,153.11	
27	Electric Transmission	Breaker Failure Monitoring	1,450.80	-	1,450.80	7,515.25	
28	Electric Transmission	Breaker Failure Monitoring	-	-	-	84.29	
29	Electric Transmission	Breaker Failure Monitoring	1,566.11	-	1,566.11	8,362.22	
30	Electric Transmission	Breaker Failure Monitoring	1,696.89	-	1,696.89	8,209.16	
31	Electric Transmission	Breaker Failure Monitoring	1,430.37	-	1,430.37	5,201.45	
32	Electric Transmission	Breaker Failure Monitoring	-	-	-	4,081.30	
33	Electric Transmission	Breaker Failure Monitoring	1,237.61	-	1,237.61	7,419.75	
34	Electric Transmission	Breaker Failure Monitoring	1,508.51	-	1,508.51	6,139.62	
35	Electric Transmission	Breaker Failure Monitoring	71.93	-	71.93	3,148.12	
36	Electric Transmission	Breaker Failure Monitoring	1,072.92	-	1,072.92	5,135.38	
37	Electric Transmission	Breaker Failure Monitoring Total	13,230.18	-	13,230.18	59,449.65	
38	Electric Transmission	Cardinal Teague Recond 115kV Line	17.98	-	17.98	16,077.64	
39	Electric Transmission	Cardinal Teague Recond 115kV Line	-	-	-	480,615.00	
40	Electric Transmission	Cardinal Teague Recond 115kV Line Total	17.98	-	17.98	496,692.64	
41	Electric Transmission	Cargill 14.4 Mvar Cap Bank	(8,346.44)	-	(8,346.44)	(905.41)	
42	Electric Transmission	Cargill 14.4 Mvar Cap Bank Total	(8,346.44)	-	(8,346.44)	(905.41)	
43	Electric Transmission	Carlisle Cap Bank Rplmt	4,103.83	-	4,103.83	1,808,887.13	
44	Electric Transmission	Carlisle Cap Bank Rplmt Total	4,103.83	-	4,103.83	1,808,887.13	
45	Electric Transmission	Carlisle to Wolfforth	-	-	-	531.45	
46	Electric Transmission	Carlisle to Wolfforth	-	-	-	(5.88)	
47	Electric Transmission	Carlisle to Wolfforth	-	-	-	4,277.88	
48	Electric Transmission	Carlisle to Wolfforth	-	-	-	54.26	
49	Electric Transmission	Carlisle to Wolfforth	-	-	-	(37,808.89)	

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(A) Line No. Asset Class	(B) WBS Level 1 Project Group Name	(K) WBS Level 1 Project Group Description	(L) Cost Recovery Method	(M) Project Category
22 Electric Transmission	Bailey City-New Amherst-Lamb City	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	Bailey City-New Amherst-Lamb City			
24 Electric Transmission	Bailey City-New Amherst-Lamb City			
25 Electric Transmission	Bailey City-New Amherst-Lamb City Total			
26 Electric Transmission	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.	SPS Zonal	OT
27 Electric Transmission	Breaker Failure Monitoring			
28 Electric Transmission	Breaker Failure Monitoring			
29 Electric Transmission	Breaker Failure Monitoring			
30 Electric Transmission	Breaker Failure Monitoring			
31 Electric Transmission	Breaker Failure Monitoring			
32 Electric Transmission	Breaker Failure Monitoring			
33 Electric Transmission	Breaker Failure Monitoring			
34 Electric Transmission	Breaker Failure Monitoring			
35 Electric Transmission	Breaker Failure Monitoring			
36 Electric Transmission	Breaker Failure Monitoring			
37 Electric Transmission	Breaker Failure Monitoring Total			
38 Electric Transmission	Cardinal Teague Recond 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 ampere rating. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
39 Electric Transmission	Cardinal Teague Recond 115kV Line			
40 Electric Transmission	Cardinal Teague Recond 115kV Line Total			
41 Electric Transmission	Cargill 14.4 Mvar Cap Bank	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.	SPP Base Plan	RE
42 Electric Transmission	Cargill 14.4 Mvar Cap Bank Total			
43 Electric Transmission	Carlisle Cap Bank Rplmt			
44 Electric Transmission	Carlisle Cap Bank Rplmt Total			
45 Electric Transmission	Carlisle to Wolforth		SPS Zonal	SR
46 Electric Transmission	Carlisle to Wolforth			
47 Electric Transmission	Carlisle to Wolforth			
48 Electric Transmission	Carlisle to Wolforth			
49 Electric Transmission	Carlisle to Wolforth			

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Transmission Capital Additions
July 1, 2019 through December 31, 2020

(A)		(B)		(C)		(D)	(E)	(F)
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 - December 31, 2020)	
50	Electric Transmission	Carlisle to Wolfforth		A.0000511.021	Carl-Wolf Sundown Relay at Wo K39 LPL Line Reterm at Carlisle	201804	41,343.94	
51	Electric Transmission	Carlisle to Wolfforth		A.0000511.026		201802	938.40	
52	Electric Transmission	Carlisle to Wolfforth Total					9,331.16	
53	Electric Transmission	Chevron South Eddy Fields Load Addition		A.0000175.001	Install 3 Way Switch Chevron Trans Chevron S Eddy Fields 115kV TOIF	201905	7,467.46	
54	Electric Transmission	Chevron South Eddy Fields Load Addition		A.0000175.003		201905	(14,556.74)	
55	Electric Transmission	Chevron South Eddy Fields Load Addition Total					(7,089.28)	
56	Electric Transmission	Cochran Co - Whiteface 115kv		A.0000194.001	Cochran 115 Cap Bank Cochran Z26 Terminal Cochran Whiteface Z26 Rebuild	201812	48,867.95	
57	Electric Transmission	Cochran Co - Whiteface 115kv		A.0000194.005		201811	(34,959.18)	
58	Electric Transmission	Cochran Co - Whiteface 115kv		A.0000194.008		201811	(77,252.61)	
59	Electric Transmission	Cochran Co - Whiteface 115kv Total					(63,343.84)	
60	Electric Transmission	Cochran Plains Line Ratings		A.0001183.001	Cochran Terminal Upgrade Sub Less Terminal Upgrade Sub	201810	(1,313.77)	
61	Electric Transmission	Cochran Plains Line Ratings		A.0001183.002		201905	8,577.81	
62	Electric Transmission	Cochran Plains Line Ratings Total					7,264.04	
63	Electric Transmission	Curry Co. Dist. Xfmr Conversion		A.0000860.003	Curry Co Dist Xfmr Conversion	201805	70,476.98	
64	Electric Transmission	Curry Co. Dist. Xfmr Conversion Total					70,476.98	
65	Electric Transmission	CVA Mitigation		A.0000286.005	Horz Cap and Pin Replacement TX Tucco Replace 69kV Cap and Pin Swite	202006	258,547.53	
66	Electric Transmission	CVA Mitigation		A.0000286.015		201909	26,331.87	
67	Electric Transmission	CVA Mitigation Total					284,879.40	
68	Electric Transmission	DCP - White Deer Sub		A.0001022.007	V29 Tap	202010	1,386,180.01	
69	Electric Transmission	DCP - White Deer Sub Total					1,386,180.01	
70	Electric Transmission	Deaf Smith 230kV Breaker Add		A.0000916.004	Deaf Smith 230kV Breaker ADD S Remote End Upgrade for ring bus add	201910	5,972,550.95	
71	Electric Transmission	Deaf Smith 230kV Breaker Add		A.0000916.007		201903	39,482.07	

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Transmission Capital Additions
July 1, 2019 through December 31, 2020

(A)	(B)	(G)	(H)	(I)	(J)	
Line No.	Asset Class	WBS Level 1 Project Group Name	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)	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)
50	Electric Transmission	Carlisle to Wolfforth	-	-	-	41,343.94
51	Electric Transmission	Carlisle to Wolfforth	-	-	-	938.40
52	Electric Transmission	Carlisle to Wolfforth Total	-	-	-	9,331.16
53	Electric Transmission	Chevron South Eddy Fields Load Addition	-	-	-	7,467.46
54	Electric Transmission	Chevron South Eddy Fields Load Addition	-	-	-	(14,556.74)
55	Electric Transmission	Chevron South Eddy Fields Load Addition Total	-	-	-	(7,089.28)
56	Electric Transmission	Cochran Co - Whiteface 115kv	-	-	-	48,867.95
57	Electric Transmission	Cochran Co - Whiteface 115kv	-	-	-	(34,959.18)
58	Electric Transmission	Cochran Co - Whiteface 115kv	-	-	-	(77,252.61)
59	Electric Transmission	Cochran Co - Whiteface 115kv Total	-	-	-	(63,343.84)
60	Electric Transmission	Cochran Plains Line Ratings	-	-	-	(1,313.77)
61	Electric Transmission	Cochran Plains Line Ratings	-	-	-	8,577.81
62	Electric Transmission	Cochran Plains Line Ratings Total	-	-	-	7,264.04
63	Electric Transmission	Curry Co. Dist. Xfmr Conversion	-	-	-	70,476.98
64	Electric Transmission	Curry Co. Dist. Xfmr Conversion Total	-	-	-	70,476.98
65	Electric Transmission	CVA Mitigation	15.11	-	15.11	258,532.42
66	Electric Transmission	CVA Mitigation	-	-	-	26,331.87
67	Electric Transmission	CVA Mitigation Total	15.11	-	15.11	284,864.29
68	Electric Transmission	DCP - White Deer Sub	11,593.95	-	11,593.95	1,374,586.06
69	Electric Transmission	DCP - White Deer Sub Total	11,593.95	-	11,593.95	1,374,586.06
70	Electric Transmission	Deaf Smith 230kV Breaker Add	9,857.73	-	9,857.73	5,962,693.22
71	Electric Transmission	Deaf Smith 230kV Breaker Add	-	-	-	39,482.07

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Transmission Capital Additions
July 1, 2019 through December 31, 2020

(A)		(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Cost Recovery Method	Project Category
50	Electric Transmission	Carlisle to Wolfforth	This project constructed a new 230-kV line between the Carlisle and Wolfarth 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
51	Electric Transmission	Carlisle to Wolfarth			
52	Electric Transmission	Carlisle to Wolfarth Total			
53	Electric Transmission	Chevron South Eddy Fields Load Addition	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
54	Electric Transmission	Chevron South Eddy Fields Load Addition			
55	Electric Transmission	Chevron South Eddy Fields Load Addition Total			
56	Electric Transmission	Cochran Co - Whiteface 115kv	This project reconducted 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
57	Electric Transmission	Cochran Co - Whiteface 115kv			
58	Electric Transmission	Cochran Co - Whiteface 115kv			
59	Electric Transmission	Cochran Co - Whiteface 115kv Total			
60	Electric Transmission	Cochran Plains Line Ratings	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
61	Electric Transmission	Cochran Plains Line Ratings			
62	Electric Transmission	Cochran Plains Line Ratings Total			
63	Electric Transmission	Curry Co. Dist. Xfmr Conversion	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
64	Electric Transmission	Curry Co. Dist. Xfmr Conversion Total			
65	Electric Transmission	CVA Mitigation			
66	Electric Transmission	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.	SPS Zonal	SR
67	Electric Transmission	CVA Mitigation Total			
68	Electric Transmission	DCP - White Deer Sub			
69	Electric Transmission	DCP - White Deer Sub Total	This project installed a tap line on V-29 and installed a new distribution substation called White Deer. The new substation was needed to serve increasing distribution loads in the area.	SPS Zonal	LI
70	Electric Transmission	Deaf Smith 230kV Breaker Add			
71	Electric Transmission	Deaf Smith 230kV Breaker Add			

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Transmission Capital Additions
July 1, 2019 through December 31, 2020

(A)	(B)	(C)	(D)	(E)	(F)
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 - December 31, 2020)
72	Electric Transmission	Deaf Smith 230kV Breaker Add	A.0000916.010	Plant X 230kV LRU to Deaf Smith	201902 (19,898.40)
73	Electric Transmission	Deaf Smith 230kV Breaker Add Total			5,992,134.62
74	Electric Transmission	Denver City In-Line 115 kV Bkr	A.0000846.001	Denver City 115 kV Breaker Add	201810 403.96
75	Electric Transmission	Denver City In-Line 115 kV Bkr Total			403.96
76	Electric Transmission	Diamondback Lyntegar Terminal	A.0000553.001	Diamondback Lyntegar TerminalS	201811 2,880.77
77	Electric Transmission	Diamondback Lyntegar Terminal Total			2,880.77
78	Electric Transmission	Eddy County Dbl Bus Dbl Brkr 230kV	A.0000290.001	Eddy County Dbl Bus Dbl Brkr 230kV	201912 18,493,574.42
79	Electric Transmission	Eddy County Dbl Bus Dbl Brkr 230kV	A.0000290.003	K23 Retermination, Eddy Co Sub	201812 18,578.02
80	Electric Transmission	Eddy County Dbl Bus Dbl Brkr 230kV	A.0000290.004	K38 Retermination, Eddy Co Sub	201904 (4,733.30)
81	Electric Transmission	Eddy County Dbl Bus Dbl Brkr 230kV	A.0000290.005	Cunningham Intg, Upgrade Eddy 230kV	201810 107,266.17
82	Electric Transmission	Eddy County Dbl Bus Dbl Brkr 230kV	A.0000290.006	Seven Rivers Intg, Upgrade Eddy 230	201902 309.70
83	Electric Transmission	Eddy County Dbl Bus Dbl Brkr 230kV	A.0000290.010	Eddy County 4K40 ABB Breaker	202007 498,062.64
84	Electric Transmission	Eddy County Dbl Bus Dbl Brkr 230kV Total			19,113,057.65
85	Electric Transmission	ELR - Breakers - SPS	A.0000640.008	Tolk-Repl Bkrs TK12TK39TK43TK5	201612 (129,426.02)
86	Electric Transmission	ELR - Breakers - SPS	A.0000640.020	Texas Co Rpl Breakers 800, 804	201812 96.28
87	Electric Transmission	ELR - Breakers - SPS	A.0000640.021	W07 Tx Cty SS Fr DCB to DCUB Rpl SE	201902 5,955.15
88	Electric Transmission	ELR - Breakers - SPS	A.0000640.023	AMOCO Breaker Rplmnt	201809 847.44
89	Electric Transmission	ELR - Breakers - SPS	A.0000640.029	Hale Co 3744.3903.3911.3915 Brkr Rp	202011 2,334,233.51
90	Electric Transmission	ELR - Breakers - SPS	A.0000640.033	Eddy Co 4K80 Bkr Replace	201911 202,199.88
91	Electric Transmission	ELR - Breakers - SPS	A.0000640.034	COCO 115kV Brkr 9910 Replacement	201903 28,876.18
92	Electric Transmission	ELR - Breakers - SPS	A.0000640.035	Spearman Int Breaker IH08 Replaceme	201904 3,777.81
93	Electric Transmission	ELR - Breakers - SPS	A.0000640.036	Tuc0 N030 N040 Replacement	201906 (18,498.33)
94	Electric Transmission	ELR - Breakers - SPS	A.0000640.039	Sundown Bkr/Sw	202004 3,058,460.79
95	Electric Transmission	ELR - Breakers - SPS	A.0000640.042	Eddy Co Siemens SVC HMI 4K75 Breake	202012 1,616,536.87
96	Electric Transmission	ELR - Breakers - SPS Total			7,103,059.56
97	Electric Transmission	ELR - Relay - SPS	A.0000401.022	Blackhawk 115kV T48 (IH70)Sub	201904 32,223.97
98	Electric Transmission	ELR - Relay - SPS	A.0000401.030	Harrington 230kV K44 (FK40)Sub	201912 516,394.15
99	Electric Transmission	ELR - Relay - SPS	A.0000401.032	Hutchinson 115kV T48 (1936)Sub	201904 14,226.24
100	Electric Transmission	ELR - Relay - SPS	A.0000401.033	Potash Junction 115kV 4920	201711 46,018.09
101	Electric Transmission	ELR - Relay - SPS	A.0000401.039	Wipp Cap Bank Volt Diff NM	201807 (222.20)
102	Electric Transmission	ELR - Relay - SPS	A.0000401.047	Hale Co 3911 Relay Replacement	201905 48,895.01

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(A)		(B)	(G)		(H)	(I)	(J)
Line No.	Asset Class	WBS Level 1 Project Group Name	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)	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)	
72	Electric Transmission	Deaf Smith 230kV Breaker Add	-	-	-	(19,898.40)	
73	Electric Transmission	Deaf Smith 230kV Breaker Add Total	9,857.73	-	9,857.73	5,982,276.89	
74	Electric Transmission	Denver City In-Line 115 kV Bkr	397.92	-	397.92	6.04	
75	Electric Transmission	Denver City In-Line 115 kV Bkr Total	397.92	-	397.92	6.04	
76	Electric Transmission	Diamondback Lyntegar Terminal	238.26	-	238.26	2,642.51	
77	Electric Transmission	Diamondback Lyntegar Terminal Total	238.26	-	238.26	2,642.51	
78	Electric Transmission	Eddy County Dbl Bus Dbl Brkr 230kV	139,862.04	-	139,862.04	18,353,712.38	
79	Electric Transmission	Eddy County Dbl Bus Dbl Brkr 230kV	61.90	-	61.90	18,516.12	
80	Electric Transmission	Eddy County Dbl Bus Dbl Brkr 230kV	-	-	-	(4,733.30)	
81	Electric Transmission	Eddy County Dbl Bus Dbl Brkr 230kV	1,653.72	-	1,653.72	105,612.45	
82	Electric Transmission	Eddy County Dbl Bus Dbl Brkr 230kV	37.34	-	37.34	272.36	
83	Electric Transmission	Eddy County Dbl Bus Dbl Brkr 230kV	7,296.34	-	7,296.34	490,766.30	
84	Electric Transmission	Eddy County Dbl Bus Dbl Brkr 230kV Total	148,911.34	-	148,911.34	18,964,146.31	
85	Electric Transmission	ELR - Breakers - SPS	-	-	-	(129,426.02)	
86	Electric Transmission	ELR - Breakers - SPS	117.48	-	117.48	(21.20)	
87	Electric Transmission	ELR - Breakers - SPS	-	-	-	5,955.15	
88	Electric Transmission	ELR - Breakers - SPS	-	-	-	847.44	
89	Electric Transmission	ELR - Breakers - SPS	3,894.80	-	3,894.80	2,330,338.71	
90	Electric Transmission	ELR - Breakers - SPS	4,206.65	-	4,206.65	197,993.23	
91	Electric Transmission	ELR - Breakers - SPS	-	-	-	28,876.18	
92	Electric Transmission	ELR - Breakers - SPS	2,708.95	-	2,708.95	1,068.86	
93	Electric Transmission	ELR - Breakers - SPS	38.73	-	38.73	(18,537.06)	
94	Electric Transmission	ELR - Breakers - SPS	21,889.68	-	21,889.68	3,036,571.11	
95	Electric Transmission	ELR - Breakers - SPS	6,620.04	-	6,620.04	1,609,916.83	
96	Electric Transmission	ELR - Breakers - SPS Total	39,476.33	-	39,476.33	7,063,583.23	
97	Electric Transmission	ELR - Relay - SPS	35.95	-	35.95	32,188.02	
98	Electric Transmission	ELR - Relay - SPS	8,048.55	-	8,048.55	508,345.60	
99	Electric Transmission	ELR - Relay - SPS	146.56	-	146.56	14,079.68	
100	Electric Transmission	ELR - Relay - SPS	-	-	-	46,018.09	
101	Electric Transmission	ELR - Relay - SPS	-	-	-	(222.20)	
102	Electric Transmission	ELR - Relay - SPS	918.33	-	918.33	47,976.68	

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(A)	(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Project Category
72	Electric Transmission	Deaf Smith 230kV Breaker Add		
73	Electric Transmission	Deaf Smith 230kV Breaker Add Total	This project created a ring bus on the 230-kV side of the Deaf Smith Substation.	RE
74	Electric Transmission	Denver City In-Line 115 kV Bkr		
75	Electric Transmission	Denver City In-Line 115 kV Bkr Total	This project installed breaker failure relays on all 115-kV breakers at Denver City Interchange.	RE
76	Electric Transmission	Diamondback Lyntegar Terminal		
77	Electric Transmission	Diamondback Lyntegar Terminal Total	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.	LI
78	Electric Transmission	Eddy County Dbl Bus Dbl Brkr 230kV		
79	Electric Transmission	Eddy County Dbl Bus Dbl Brkr 230kV		
80	Electric Transmission	Eddy County Dbl Bus Dbl Brkr 230kV		
81	Electric Transmission	Eddy County Dbl Bus Dbl Brkr 230kV		
82	Electric Transmission	Eddy County Dbl Bus Dbl Brkr 230kV		
83	Electric Transmission	Eddy County Dbl Bus Dbl Brkr 230kV		
84	Electric Transmission	Eddy County Dbl Bus Dbl Brkr 230kV Total	This project reconfigured the existing Eddy County Interchange 230-kV bus from a main and transfer bus design to a double bus-double breaker arrangement. This project was required to meet long-term firm transmission service requests in the SPP Aggregate Facility Study SPP-2013-AG3-AFS-6. SPP issued SPS an NTC for this project.	RE
85	Electric Transmission	ELR - Breakers - SPS		
86	Electric Transmission	ELR - Breakers - SPS		
87	Electric Transmission	ELR - Breakers - SPS		
88	Electric Transmission	ELR - Breakers - SPS		
89	Electric Transmission	ELR - Breakers - SPS		
90	Electric Transmission	ELR - Breakers - SPS		
91	Electric Transmission	ELR - Breakers - SPS		
92	Electric Transmission	ELR - Breakers - SPS		
93	Electric Transmission	ELR - Breakers - SPS		
94	Electric Transmission	ELR - Breakers - SPS		
95	Electric Transmission	ELR - Breakers - SPS		
96	Electric Transmission	ELR - Breakers - SPS Total	The term "ELR" stands for End of Life Replacement. This project replaced circuit breakers that had reached the end of their useful life. This work was done at 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.	SR
97	Electric Transmission	ELR - Relay - SPS		
98	Electric Transmission	ELR - Relay - SPS		
99	Electric Transmission	ELR - Relay - SPS		
100	Electric Transmission	ELR - Relay - SPS		
101	Electric Transmission	ELR - Relay - SPS		
102	Electric Transmission	ELR - Relay - SPS		

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(A)		(B)	(C)		(D)	(E)	(F)
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 - December 31, 2020
103	Electric Transmission	ELR - Relay - SPS	A.0000401.048	TUCO N912 Relay Replacement		201905	23,692.68
104	Electric Transmission	ELR - Relay - SPS	A.0000401.049	Seven Rivers BPRO Upgrade		201903	(8,193.31)
105	Electric Transmission	ELR - Relay - SPS	A.0000401.050	East Plant 2K50 Relay Replacement		201912	649,209.05
106	Electric Transmission	ELR - Relay - SPS	A.0000401.064	Yoakum Relay Upgrade V99 Term		202012	449,788.44
107	Electric Transmission	ELR - Relay - SPS	A.0000401.065	Plains Relay Upgrade V99 Term		202012	434,479.03
108	Electric Transmission	ELR - Relay - SPS Total					2,206,511.15
109	Electric Transmission	ELR RFL9300 Relays SPS	A.0001219.001	K55 AMOCW ELR RFL9300 SPS TX		202011	329,366.85
110	Electric Transmission	ELR RFL9300 Relays SPS	A.0001219.003	T55 DNV CY ELR RFL9300 SPS TX		202012	281,889.75
111	Electric Transmission	ELR RFL9300 Relays SPS	A.0001219.004	K55 MUSTANG ELR RFL9300 SPS TX		202011	391,719.41
112	Electric Transmission	ELR RFL9300 Relays SPS	A.0001219.006	T 55 MUSTANG ELR RFL9300 SPS TX		202012	232,984.74
113	Electric Transmission	ELR RFL9300 Relays SPS Total					1,235,960.75
114	Electric Transmission	Facility Upgrade Ancillary Equip	A.0001273.005	Facil UpgSub Ancillary Eq2016		202004	447,842.13
115	Electric Transmission	Facility Upgrade Ancillary Equip	A.0001273.005	Facil UpgSub Ancillary Eq2016		201812	(394.82)
116	Electric Transmission	Facility Upgrade Ancillary Equip	A.0001273.008	V40 Switches and Jumpers at Carlisl		202004	9,072.72
117	Electric Transmission	Facility Upgrade Ancillary Equip	A.0001273.015	Deaf Smith Breaker 2K20 Replacement		201903	(22,959.44)
118	Electric Transmission	Facility Upgrade Ancillary Equip	A.0001273.016	Tolk Ground Grid Testing		202002	96.38
119	Electric Transmission	Facility Upgrade Ancillary Equip	A.0001273.020	Roosevelt Breaker 4K65 Replacement		201812	13,458.13
120	Electric Transmission	Facility Upgrade Ancillary Equip	A.0001369.001	Plant X Rpl Brkr Switch WT Sub		202002	4,742,745.20
121	Electric Transmission	Facility Upgrade Ancillary Equip Total					5,189,860.30
122	Electric Transmission	Fault Recorders - SPS	A.0000556.016	Oasis 230 115kV Fault Recorder		201911	362,599.72
123	Electric Transmission	Fault Recorders - SPS Total					362,599.72
124	Electric Transmission	GEN 2010-14 Novus Wind IV, 358.8 MW	A.0000537.001	Novus Wind IV - Hitchland Sub		201712	202.29
125	Electric Transmission	GEN 2010-14 Novus Wind IV, 358.8 MW Total					202.29
126	Electric Transmission	GEN 2011-022 (Firewheel)	A.0000706.001	Hitchland-New 345kV Terminal -		201710	2,899.03

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(A)	(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Project Category
103	Electric Transmission	ELR - Relay - SPS		
104	Electric Transmission	ELR - Relay - SPS		
105	Electric Transmission	ELR - Relay - SPS		
106	Electric Transmission	ELR - Relay - SPS		
107	Electric Transmission	ELR - Relay - SPS		
108	Electric Transmission	ELR - Relay - SPS Total	The term "ELR" stands for End of Life Replacement. This project replaced protective relays that had reached the end of their useful life. This work was done at several substations as part of a multi-year program to replace relays that are obsolete, for which parts are no longer available and require significant operations and maintenance spend to keep them in service.	SR
109	Electric Transmission	ELR RFL9300 Relays SPS		
110	Electric Transmission	ELR RFL9300 Relays SPS		
111	Electric Transmission	ELR RFL9300 Relays SPS		
112	Electric Transmission	ELR RFL9300 Relays SPS		
113	Electric Transmission	ELR RFL9300 Relays SPS Total	The term "ELR" stands for End of Life Replacement. This project replaced the RFL-9300 relay systems with new SEL-411L line current differential relay systems. The RFL-9300 hardware is obsolete and its electrical components are failing at an increasing rate. The manufacturer no longer supports this relay system and spare parts are not available. The new relay system provides high-speed tripping and faster backup tripping which eliminates the problems associated with long trip times on backup relaying when the RFL-9300 systems fail. This work was done at several transmission substations as part of a multi-year program.	SR
114	Electric Transmission	Facility Upgrade Ancillary Equip		
115	Electric Transmission	Facility Upgrade Ancillary Equip		
116	Electric Transmission	Facility Upgrade Ancillary Equip		
117	Electric Transmission	Facility Upgrade Ancillary Equip		
118	Electric Transmission	Facility Upgrade Ancillary Equip		
119	Electric Transmission	Facility Upgrade Ancillary Equip		
120	Electric Transmission	Facility Upgrade Ancillary Equip		
121	Electric Transmission	Facility Upgrade Ancillary Equip Total	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.	SR
122	Electric Transmission	Fault Recorders - SPS		
123	Electric Transmission	Fault Recorders - SPS Total	This project installed fault recorders for disturbance monitoring at substations.	OT
124	Electric Transmission	GEN 2010-14 Novus Wind IV, 358.8 MW		
125	Electric Transmission	GEN 2010-14 Novus Wind IV, 358.8 MW Total	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.	GI
126	Electric Transmission	GEN 2011-022 (Firewheel)		

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(A)	(B)	(C)	(D)	(E)	(F)
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 - December 31, 2020)
127	Electric Transmission	GEN 2011-022 (Firewheel) Total			2,899.03
128	Electric Transmission	GEN 2012-020 Hale Co Wind, 478MW			
129	Electric Transmission	GEN 2012-020 Hale Co Wind, 478MW Total	A.0000902.001	Hale Co Wind 230kV Terminal at	201902 (42,276.62) (42,276.62)
130	Electric Transmission	GEN 2013 027 Blue Cloud Wind			
131	Electric Transmission	GEN 2013 027 Blue Cloud Wind	A.0000736.001	Needmore Substation TOIF	201804 21,612.85
132	Electric Transmission	GEN 2013 027 Blue Cloud Wind	A.0000736.002	Needmore Substation	201804 611,259.10
133	Electric Transmission	GEN 2013 027 Blue Cloud Wind	A.0000736.005	Tolk Needmore Retermination	201804 (82,323.37) 550,548.58
134	Electric Transmission	GEN 2014 040 Orion Wind			
135	Electric Transmission	GEN 2014 040 Orion Wind Total	A.0001359.001	Castro Co Terminal Orion Wind	201610 400,401.66 400,401.66
136	Electric Transmission	Gen Upgrade Tolk X Reconnector	A.0000105.001	R27 Reconnector	201712 8,400,683.67
137	Electric Transmission	Gen Upgrade Tolk X Reconnector	A.0000105.005	Tolk Terminal Upgrades	201803 (292,952.71)
138	Electric Transmission	Gen Upgrade Tolk X Reconnector	A.0000105.007	Plant X Terminal Upgrades TX	201803 (1,089,563.47)
139	Electric Transmission	Gen Upgrade Tolk X Reconnector	A.0000105.008	K45 Reconnector Transmission Portio	201803 (3,996,030.51)
140	Electric Transmission	Gen Upgrade Tolk X Reconnector Total			3,022,136.98
141	Electric Transmission	GEN-2011-025 Fiber Wind			
142	Electric Transmission	GEN-2011-025 Fiber Wind Total	A.0000768.002	Crosby-Blanco Retermination-11	201803 (261,400.42) (261,400.42)
143	Electric Transmission	GEN-2015-014 Lost Draw Substation			
144	Electric Transmission	GEN-2015-014 Lost Draw Substation	A.0000350.001	Lost Draw Substation	201810 1,586,979.98
145	Electric Transmission	GEN-2015-014 Lost Draw Substation	A.0000350.002	Lost Draw TOIF	201810 (25,583.36)
146	Electric Transmission	GEN-2015-014 Lost Draw Substation	A.0000350.005	Lost Draw to Cochran Retermination	201810 (294,721.92)
147	Electric Transmission	GEN-2015-014 Lost Draw Substation	A.0000350.006	Lost Draw to Lea Co Plains Retermin	201810 (270,872.35)
148	Electric Transmission	GEN-2015-014 Lost Draw Substation	A.0000350.007	Cochran 115kV Sub Term Upg	201810 (28,122.70)
149	Electric Transmission	GEN-2015-014 Lost Draw Substation	A.0000350.008	Lea County Plains 115kV Sub Term Up	201905 (203,564.07) 764,115.58
150	Electric Transmission	Hale to Cox V07 Rebuild			
151	Electric Transmission	Hale to Cox V07 Rebuild	A.0001005.003	Z18 HACO Tap Rebuild	202010 475,329.86
152	Electric Transmission	Hale to Cox V07 Rebuild	A.0001005.004	K01 Structure Raise	202012 72,370.04
153	Electric Transmission	Hale to Cox V07 Rebuild	A.0001005.005	V07 Rebuild ROW	202010 21,884.65
154	Electric Transmission	Hale to Cox V07 Rebuild	A.0001005.006	Z18 ROW	202010 73,701.60 643,286.15
155	Electric Transmission	Hillside - 2nd DCP 28MVA XFMR			
156	Electric Transmission	Hillside - 2nd DCP 28MVA XFMR	A.0001024.001	Hillside, high side	201904 (156,740.85)
157	Electric Transmission	Hillside - 2nd DCP 28MVA XFMR	A.0001024.002	Hillside, line	202005 (0.02)
			A.0001024.008	U24 Reterm Hillside	201904 11,692.74

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(A)		(B)	(G)		(H)	(I)	(J)
Line No.	Asset Class	WBS Level 1 Project Group Name	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)	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)	
127	Electric Transmission	GEN 2011-022 (Firewheel) Total	66.19	-	66.19	2,832.84	
128	Electric Transmission	GEN 2012-020 Hale Co Wind, 478MW	(16,193.43)	-	(16,193.43)	(26,083.19)	
129	Electric Transmission	GEN 2012-020 Hale Co Wind, 478MW Total	(16,193.43)	-	(16,193.43)	(26,083.19)	
130	Electric Transmission	GEN 2013 027 Blue Cloud Wind	-	-	-	21,612.85	
131	Electric Transmission	GEN 2013 027 Blue Cloud Wind	913.88	-	913.88	610,345.22	
132	Electric Transmission	GEN 2013 027 Blue Cloud Wind	-	-	-	(82,323.37)	
133	Electric Transmission	GEN 2013 027 Blue Cloud Wind Total	913.88	-	913.88	549,634.70	
134	Electric Transmission	GEN 2014 040 Orion Wind	1,175.26	-	1,175.26	399,226.40	
135	Electric Transmission	GEN 2014 040 Orion Wind Total	1,175.26	-	1,175.26	399,226.40	
136	Electric Transmission	Gen Upgrade Tolk X Reconductor	-	-	-	8,400,683.67	
137	Electric Transmission	Gen Upgrade Tolk X Reconductor	-	-	-	(292,952.71)	
138	Electric Transmission	Gen Upgrade Tolk X Reconductor	-	-	-	(1,089,563.47)	
139	Electric Transmission	Gen Upgrade Tolk X Reconductor	6,942.78	-	6,942.78	(4,002,973.29)	
140	Electric Transmission	Gen Upgrade Tolk X Reconductor Total	6,942.78	-	6,942.78	3,015,194.20	
141	Electric Transmission	GEN-2011-025 Fiber Wind	-	-	-	(261,400.42)	
142	Electric Transmission	GEN-2011-025 Fiber Wind Total	-	-	-	(261,400.42)	
143	Electric Transmission	GEN-2015-014 Lost Draw Substation	608.81	-	608.81	1,586,371.17	
144	Electric Transmission	GEN-2015-014 Lost Draw Substation	-	-	-	(25,583.36)	
145	Electric Transmission	GEN-2015-014 Lost Draw Substation	-	-	-	(294,721.92)	
146	Electric Transmission	GEN-2015-014 Lost Draw Substation	-	-	-	(270,872.35)	
147	Electric Transmission	GEN-2015-014 Lost Draw Substation	-	-	-	(28,122.70)	
148	Electric Transmission	GEN-2015-014 Lost Draw Substation	54.46	-	54.46	(203,618.53)	
149	Electric Transmission	GEN-2015-014 Lost Draw Substation Total	663.27	-	663.27	763,452.31	
150	Electric Transmission	Hale to Cox V07 Rebuild	-	-	-	475,329.86	
151	Electric Transmission	Hale to Cox V07 Rebuild	123.28	-	123.28	72,246.76	
152	Electric Transmission	Hale to Cox V07 Rebuild	-	-	-	21,884.65	
153	Electric Transmission	Hale to Cox V07 Rebuild	-	-	-	73,701.60	
154	Electric Transmission	Hale to Cox V07 Rebuild Total	123.28	-	123.28	643,162.87	
155	Electric Transmission	Hillside - 2nd DCP 28MVA XFMR	1,380.48	-	1,380.48	(158,121.33)	
156	Electric Transmission	Hillside - 2nd DCP 28MVA XFMR	-	-	-	(0.02)	
157	Electric Transmission	Hillside - 2nd DCP 28MVA XFMR	746.98	-	746.98	10,945.76	

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(A)	(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Project Category
127	Electric Transmission	GEN 2011-022 (Firewheel) Total		GI
128	Electric Transmission	GEN 2012-020 Hale Co Wind, 478MW	This project constructed a new 345-kV terminal at Hitchland Interchange to provide an interconnection point for a new wind farm.	
129	Electric Transmission	GEN 2012-020 Hale Co Wind, 478MW Total	This project constructed a new 230-kV terminal at TUCO Interchange for the interconnection of the Hale County wind farm.	GI
130	Electric Transmission	GEN 2013 027 Blue Cloud Wind		
131	Electric Transmission	GEN 2013 027 Blue Cloud Wind		
132	Electric Transmission	GEN 2013 027 Blue Cloud Wind		
133	Electric Transmission	GEN 2013 027 Blue Cloud Wind Total	This project constructed the new 230-kV Needmore Switching Station to accommodate the new wind generation from Blue Cloud Wind.	GI
134	Electric Transmission	GEN 2014 040 Orion Wind		
135	Electric Transmission	GEN 2014 040 Orion Wind Total	This project added a new 115-kV terminal for a wind farm interconnection.	GI
136	Electric Transmission	Gen Upgrade Tolk X Reconnector		
137	Electric Transmission	Gen Upgrade Tolk X Reconnector		
138	Electric Transmission	Gen Upgrade Tolk X Reconnector		
139	Electric Transmission	Gen Upgrade Tolk X Reconnector		
140	Electric Transmission	Gen Upgrade Tolk X Reconnector Total	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.	GI
141	Electric Transmission	GEN-2011-025 Fiber Wind		
142	Electric Transmission	GEN-2011-025 Fiber Wind Total	This project provided a 115-kV interconnection for Fiber Wind LLC's 80 MW wind energy facility located in Crosby County, Texas.	GI
143	Electric Transmission	GEN-2015-014 Lost Draw Substation		
144	Electric Transmission	GEN-2015-014 Lost Draw Substation		
145	Electric Transmission	GEN-2015-014 Lost Draw Substation		
146	Electric Transmission	GEN-2015-014 Lost Draw Substation		
147	Electric Transmission	GEN-2015-014 Lost Draw Substation		
148	Electric Transmission	GEN-2015-014 Lost Draw Substation		
149	Electric Transmission	GEN-2015-014 Lost Draw Substation Total	This project constructed the new Lost Draw Switching Station to provide a 115-kV interconnection point for the Wildcat Ranch wind farm.	GI
150	Electric Transmission	Hale to Cox V07 Rebuild		
151	Electric Transmission	Hale to Cox V07 Rebuild		
152	Electric Transmission	Hale to Cox V07 Rebuild		
153	Electric Transmission	Hale to Cox V07 Rebuild		
154	Electric Transmission	Hale to Cox V07 Rebuild Total	This project reconducted 20 miles of 115-kV transmission line from Hale County Interchange to Cox Substation to achieve a minimum summer emergency rating of 110 MVA per SPP. SPP issued SPS an NTC for this project.	RE
155	Electric Transmission	Hillside - 2nd DCP 28MVA XFMR		
156	Electric Transmission	Hillside - 2nd DCP 28MVA XFMR		
157	Electric Transmission	Hillside - 2nd DCP 28MVA XFMR		

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(A)		(B)		(C)		(D)	(E)	(F)
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 - December 31, 2020)
158	Electric Transmission	Hillside - 2nd DCP 28MVA XFMR		A.0001024.009	Outpost PLC Removal		202003	512,587.72
159	Electric Transmission	Hillside - 2nd DCP 28MVA XFMR Total						367,539.59
160	Electric Transmission	Hitchland II (Optima)		A.0000974.012	Optima Land		201807	(32,699.25)
161	Electric Transmission	Hitchland II (Optima) Total						(32,699.25)
162	Electric Transmission	Hunsley Substation		A.0001163.001	Hunsley Highside		202012	1,853,875.12
163	Electric Transmission	Hunsley Substation						338,881.14
164	Electric Transmission	Hunsley Substation		A.0001163.009	Hunsley-Canyon West Remote End		202012	157,806.19
165	Electric Transmission	Hunsley Substation						194,606.31
166	Electric Transmission	Hunsley Substation		A.0001163.010	Hunsley-Randall Remote End		202011	228,952.64
167	Electric Transmission	Hunsley Substation Total						2,774,121.40
168	Electric Transmission	Ink Basin Substation		A.0000481.001	Ink basin substation		201905	272,648.72
169	Electric Transmission	Ink Basin Substation						(0.06)
170	Electric Transmission	Ink Basin Substation		A.0000481.002	New Ink Basin 230/115kV Transformer		201906	345,642.97
171	Electric Transmission	Ink Basin Substation						(21,577.36)
172	Electric Transmission	Ink Basin Substation		A.0000481.004	V-80 Reterm In, Line		201905	17,369.18
173	Electric Transmission	Ink Basin Substation						2,069.27
174	Electric Transmission	Ink Basin Substation		A.0000481.005	K-93 Reterm Out, Line		201905	(76,131.60)
175	Electric Transmission	Ink Basin Substation						(16,720.42)
176	Electric Transmission	Ink Basin Substation		A.0000481.006	Denver City Sub, V-80 Terminal Upgr		201904	(40,808.51)
177	Electric Transmission	Ink Basin Substation						37,121.82
178	Electric Transmission	Ink Basin Substation		A.0000481.010	Hobbs Generating Sub, K-93 Terminal		201905	118,950.32
179	Electric Transmission	Ink Basin Substation Total						638,564.33
180	Electric Transmission	Interconnection CVEC Mobile		A.0001390.001	Z08 Line CVEC Mobile Connect TOIF		202007	425.44
181	Electric Transmission	Interconnection CVEC Mobile Total						425.44
182	Electric Transmission	Interconnection Kemp GSEC RBEC		A.0001221.001	INST 3 1 Way SW KEMP		201904	(80,418.87)
183	Electric Transmission	Interconnection Kemp GSEC RBEC						416,686.54

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July 1, 2019 through December 31, 2020

(A)		(B)	(G)	(H)	(I)	(J)
Line No.	Asset Class	WBS Level 1 Project Group Name	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)	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)
158	Electric Transmission	Hillside - 2nd DCP 28MVA XFMR	7,197.73	-	7,197.73	505,389.99
159	Electric Transmission	Hillside - 2nd DCP 28MVA XFMR Total	9,325.19	-	9,325.19	358,214.40
160	Electric Transmission	Hitchland II (Optima)	(5,006.59)	-	(5,006.59)	(27,692.66)
161	Electric Transmission	Hitchland II (Optima) Total	(5,006.59)	-	(5,006.59)	(27,692.66)
162	Electric Transmission	Hunsley Substation	8,261.24	-	8,261.24	1,845,613.88
163	Electric Transmission	Hunsley Substation	926.80	-	926.80	337,954.34
164	Electric Transmission	Hunsley Substation	4,351.93	-	4,351.93	153,454.26
165	Electric Transmission	Hunsley Substation	4,324.04	-	4,324.04	190,282.27
166	Electric Transmission	Hunsley Substation	1,096.26	-	1,096.26	227,856.38
167	Electric Transmission	Hunsley Substation Total	18,960.27	-	18,960.27	2,755,161.13
168	Electric Transmission	Ink Basin Substation	26,854.94	-	26,854.94	245,793.78
169	Electric Transmission	Ink Basin Substation	(1,441.33)	-	(1,441.33)	1,441.27
170	Electric Transmission	Ink Basin Substation	4,082.23	-	4,082.23	341,560.74
171	Electric Transmission	Ink Basin Substation	38.66	-	38.66	(21,616.02)
172	Electric Transmission	Ink Basin Substation	-	-	-	17,369.18
173	Electric Transmission	Ink Basin Substation	19.34	-	19.34	2,049.93
174	Electric Transmission	Ink Basin Substation	33.78	-	33.78	(76,165.38)
175	Electric Transmission	Ink Basin Substation	53.92	-	53.92	(16,774.34)
176	Electric Transmission	Ink Basin Substation	125.57	-	125.57	(40,934.08)
177	Electric Transmission	Ink Basin Substation	-	-	-	37,121.82
178	Electric Transmission	Ink Basin Substation	1,276.39	-	1,276.39	117,673.93
179	Electric Transmission	Ink Basin Substation Total	31,043.50	-	31,043.50	607,520.83
180	Electric Transmission	Interconnection CVEC Mobile	386.38	-	386.38	39.06
181	Electric Transmission	Interconnection CVEC Mobile Total	386.38	-	386.38	39.06
182	Electric Transmission	Interconnection Kemp GSEC RBEC	(8,756.20)	-	(8,756.20)	(71,662.67)
183	Electric Transmission	Interconnection Kemp GSEC RBEC	11,024.20	-	11,024.20	405,662.34

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(A)		(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Cost Recovery Method	Project Category
158	Electric Transmission	Hillside - 2nd DCP 28MVA XFMR	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 additional capacity to serve new distribution loads in the southwest Amarillo area.	SPS Zonal	LI
159	Electric Transmission	Hillside - 2nd DCP 28MVA XFMR Total			
160	Electric Transmission	Hitchland II (Optima)	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
161	Electric Transmission	Hitchland II (Optima) Total			
162	Electric Transmission	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.	SPS Zonal	LI
163	Electric Transmission	Hunsley Substation			
164	Electric Transmission	Hunsley Substation			
165	Electric Transmission	Hunsley Substation			
166	Electric Transmission	Hunsley Substation			
167	Electric Transmission	Hunsley Substation Total			
168	Electric Transmission	Ink Basin Substation	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 Y80 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
169	Electric Transmission	Ink Basin Substation			
170	Electric Transmission	Ink Basin Substation			
171	Electric Transmission	Ink Basin Substation			
172	Electric Transmission	Ink Basin Substation			
173	Electric Transmission	Ink Basin Substation			
174	Electric Transmission	Ink Basin Substation			
175	Electric Transmission	Ink Basin Substation			
176	Electric Transmission	Ink Basin Substation			
177	Electric Transmission	Ink Basin Substation			
178	Electric Transmission	Ink Basin Substation			
179	Electric Transmission	Ink Basin Substation Total			
180	Electric Transmission	Interconnection CVEC Mobile	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
181	Electric Transmission	Interconnection CVEC Mobile Total			
182	Electric Transmission	Interconnection Kemp GSEC RBEC			
183	Electric Transmission	Interconnection Kemp GSEC RBEC			

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(A) Line No.	(B) Asset Class	(C) WBS Level 1 Project Group Name	(D) WBS Level 2 Number	(E) WBS Level 2 Description	(F) In-Service Date (year-month)	(G) Capital Additions (July 1, 2019 - December 31, 2020)
184	Electric Transmission	Interconnection Kemp GSEC RBEC Total				
185	Electric Transmission	Interconnection Lucid RR Plant	A.0001002.001	115kV N loving Sub TOIF Lucid Porti	201711	5,082.90
186	Electric Transmission	Interconnection Lucid RR Plant	A.0001002.002	115kV N loving Sub Ter Upg Xcel Por	201710	249.66
187	Electric Transmission	Interconnection Lucid RR Plant Total				
188	Electric Transmission	Interconnection Matador	A.0001156.001	Int 1 Way 115kV Switch Tap	201809	10,665.76
189	Electric Transmission	Interconnection Matador Total				
190	Electric Transmission	Interconnection Milwaukee	A.0001079.001	Inst 115kV Quincy Sw Station TOIF P	201904	350,846.26
191	Electric Transmission	Interconnection Milwaukee	A.0001079.002	Inst 115kV Quincy Sw Station Xcel P	201904	863,033.32
192	Electric Transmission	Interconnection Milwaukee	A.0001079.003	Pre Construction Milwaukee	202012	(0.02)
193	Electric Transmission	Interconnection Milwaukee	A.0001079.004	Frankford Substation Relay Replacem	201904	67,214.88
194	Electric Transmission	Interconnection Milwaukee	A.0001079.006	Murphy Substation Relay Replacement	201904	(162,006.40)
195	Electric Transmission	Interconnection Milwaukee	A.0001079.009	U21 MURP QUIN 115kV Line	201904	440.64
196	Electric Transmission	Interconnection Milwaukee	A.0001079.010	U22 FRFD QUIN 115kV Line	201904	(381.48)
197	Electric Transmission	Interconnection Milwaukee	A.0001079.011	Quincy Land	202009	510,013.01
198	Electric Transmission	Interconnection Milwaukee Total				
199	Electric Transmission	Interconnection Sendero	A.0001076.002	Sendero Install TOIF	201807	1,629,160.21
200	Electric Transmission	Interconnection Sendero Total				
201	Electric Transmission	Interconnection Tall Cotton Johnson Draw	A.0001227.001	NW LCEC 115kV Term JODW	201909	1,073,253.46
202	Electric Transmission	Interconnection Tall Cotton Johnson Draw	A.0001227.002	NW LCEC 115kV TERM JODW TOIF	201909	373,900.31
203	Electric Transmission	Interconnection Tall Cotton Johnson Draw Total				
204	Electric Transmission	Interconnection WIPP	A.0001106.001	WIPP W38 Structure Relocate	201806	(87,449.54)
205	Electric Transmission	Interconnection WIPP Total				
206	Electric Transmission	Interconnection XTO BEU	A.0001384.002	Inst W76 115KV 2-1 Wy Sw XCEL PORT	202009	1,180,275.67
207	Electric Transmission	Interconnection XTO BEU Total				
208	Electric Transmission	Interconnection XTO Cornell	A.0000888.002	XTO Tap 3 Way Switch Transmission	201911	943,434.04

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(A) Line No.	Asset Class	(B) WBS Level 1 Project Group Name	(G) XES Charges (Included in Column F)	(H) Other Affiliate Charges (Included in Column F)	(I) Total Affiliate Charges (Included in Column F)	(J) Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)
184	Electric Transmission	Interconnection Kemp GSEC RBEC Total	2,268.00	-	2,268.00	333,999.67
185	Electric Transmission	Interconnection Lucid RR Plant	-	-	-	5,082.90
186	Electric Transmission	Interconnection Lucid RR Plant	-	-	-	249.66
187	Electric Transmission	Interconnection Lucid RR Plant Total	-	-	-	5,332.56
188	Electric Transmission	Interconnection Matador	672.81	-	672.81	9,992.95
189	Electric Transmission	Interconnection Matador Total	672.81	-	672.81	9,992.95
190	Electric Transmission	Interconnection Milwaukee	2,835.04	-	2,835.04	348,011.22
191	Electric Transmission	Interconnection Milwaukee	40,766.13	-	40,766.13	822,267.19
192	Electric Transmission	Interconnection Milwaukee	-	-	-	(0.02)
193	Electric Transmission	Interconnection Milwaukee	56.03	-	56.03	67,158.85
194	Electric Transmission	Interconnection Milwaukee	349.13	-	349.13	(162,355.53)
195	Electric Transmission	Interconnection Milwaukee	-	-	-	440.64
196	Electric Transmission	Interconnection Milwaukee	-	-	-	(381.48)
197	Electric Transmission	Interconnection Milwaukee	3,217.79	-	3,217.79	506,795.22
198	Electric Transmission	Interconnection Milwaukee Total	47,224.12	-	47,224.12	1,581,936.09
199	Electric Transmission	Interconnection Sendero	-	-	-	(4,979.71)
200	Electric Transmission	Interconnection Sendero Total	-	-	-	(4,979.71)
201	Electric Transmission	Interconnection Tall Cotton Johnson Draw	7,848.14	-	7,848.14	1,065,405.32
202	Electric Transmission	Interconnection Tall Cotton Johnson Draw	3,930.98	-	3,930.98	369,969.33
203	Electric Transmission	Interconnection Tall Cotton Johnson Draw Total	11,779.12	-	11,779.12	1,435,374.65
204	Electric Transmission	Interconnection WIPP	-	-	-	(87,449.54)
205	Electric Transmission	Interconnection WIPP Total	-	-	-	(87,449.54)
206	Electric Transmission	Interconnection XTO BEU	21,694.89	-	21,694.89	1,158,580.78
207	Electric Transmission	Interconnection XTO BEU Total	21,694.89	-	21,694.89	1,158,580.78
208	Electric Transmission	Interconnection XTO Cornell	20,563.80	-	20,563.80	922,870.24

Southwestern Public Service Company

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(A)		(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Cost Recovery Method	Project Category
184	Electric Transmission	Interconnection Kemp GSEC RBEC Total	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
185	Electric Transmission	Interconnection Lucid RR Plant			
186	Electric Transmission	Interconnection Lucid RR Plant			
187	Electric Transmission	Interconnection Lucid RR Plant Total	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
188	Electric Transmission	Interconnection Matador			
189	Electric Transmission	Interconnection Matador Total	This project provided a 115-kV service point to the Matador natural gas processing plant located near Loving, New Mexico.	SPS Zonal	LI
190	Electric Transmission	Interconnection Milwaukee			
191	Electric Transmission	Interconnection Milwaukee			
192	Electric Transmission	Interconnection Milwaukee			
193	Electric Transmission	Interconnection Milwaukee			
194	Electric Transmission	Interconnection Milwaukee			
195	Electric Transmission	Interconnection Milwaukee			
196	Electric Transmission	Interconnection Milwaukee			
197	Electric Transmission	Interconnection Milwaukee			
198	Electric Transmission	Interconnection Milwaukee Total	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
199	Electric Transmission	Interconnection Sendero			
200	Electric Transmission	Interconnection Sendero Total	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
201	Electric Transmission	Interconnection Tall Cotton Johnson Draw			
202	Electric Transmission	Interconnection Tall Cotton Johnson Draw			
203	Electric Transmission	Interconnection Tall Cotton Johnson Draw Total	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
204	Electric Transmission	Interconnection WIPP			
205	Electric Transmission	Interconnection WIPP Total	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
206	Electric Transmission	Interconnection XTO BEU			
207	Electric Transmission	Interconnection XTO BEU Total	This project installed two new 115-kV service points for this customer from SPS transmission line W76. This project was required to provide service to new customer load. The customer paid for a portion of this project.	SPS Zonal/Customer Funded	LI
208	Electric Transmission	Interconnection XTO Cornell			

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(A)	(B)	(C)	(D)	(E)	(F)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	In-Service Date (year-month)
209	Electric Transmission	Interconnection XTO Cornell Total			943,434.04
210	Electric Transmission	Interconnection XTO D#9	A.0001126.001	Inst Temp Switch Reimb TOIF	201808
211	Electric Transmission	Interconnection XTO D#9	A.0001126.002	Inst 3 1 Way 115kV Switch	201811
212	Electric Transmission	Interconnection XTO D#9 Total			259,726.22
213	Electric Transmission	Interconnection XTO Mahoney	A.0001008.001	Inst 230kV Sw Station TOIFPortion	201903
214	Electric Transmission	Interconnection XTO Mahoney	A.0001008.002	Inst 230kV Sw Station XcelPortion	201903
215	Electric Transmission	Interconnection XTO Mahoney	A.0001008.005	AWOR Relay Upgrade Sub	201903
216	Electric Transmission	Interconnection XTO Mahoney	A.0001008.006	BRU Relay Upgrade Sub	201903
217	Electric Transmission	Interconnection XTO Mahoney	A.0001008.009	R11 230kV BRU Mahoney TLINE	201903
218	Electric Transmission	Interconnection XTO Mahoney	A.0001008.010	R12 230kV AWOR Mahoney TLINE	201903
219	Electric Transmission	Interconnection XTO Mahoney Total			324,038.12
220	Electric Transmission	Interconnection XTO Poker Cowboy Phase 1	A.0001215.001	Inst W39 Switch Poker Cowboy Temp	201906
221	Electric Transmission	Interconnection XTO Poker Cowboy Phase 1 Total			(677,443.50)
222	Electric Transmission	Interconnection Yuma	A.0001399.001	Yuma CT/PT Metering	202009
223	Electric Transmission	Interconnection Yuma Total			100,093.84
224	Electric Transmission	Jones 4 Mustang 6-Quay IA	A.0000621.005	Lubbock So-Rep Switches 6951&	201407
225	Electric Transmission	Jones 4 Mustang 6-Quay IA Total			1,987.39
226	Electric Transmission	K32 Terminal Upgrades Potter & Harrington	A.0000482.001	k32 terminal upgrades potter & harr	201905
227	Electric Transmission	K32 Terminal Upgrades Potter & Harrington	A.0000482.002	Potter Co, K32 Terminal Upgrade to	201905
228	Electric Transmission	K32 Terminal Upgrades Potter & Harrington Total			28,486.04
229	Electric Transmission	K62 Nichols - Amarillo South Terminal Upgrade	A.0001028.001	Upgr Nichols 230kV (K62) Term to Am	202004
230	Electric Transmission	K62 Nichols - Amarillo South Terminal Upgrade Total			92,161.54
231	Electric Transmission	Lea Co Plains Sw Cap Bank	A.0001283.001	Lea Co. Plains Sw. Cap Bank	201804
232	Electric Transmission	Lea Co Plains Sw Cap Bank	A.0001283.004	Lea Plains Metering	201805
233	Electric Transmission	Lea Co Plains Sw Cap Bank Total			16,228.92
					(27,458.55)
					(11,229.63)

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(A)	(B)	(G)	(H)	(I)	(J)	
Line No.	Asset Class	WBS Level 1 Project Group Name	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)	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)
209	Electric Transmission	Interconnection XTO Cornell Total	20,563.80	-	20,563.80	922,870.24
210	Electric Transmission	Interconnection XTO DI#9	-	-	-	248,448.82
211	Electric Transmission	Interconnection XTO DI#9	-	294.60	294.60	10,982.80
212	Electric Transmission	Interconnection XTO DI#9 Total	-	294.60	294.60	259,431.62
213	Electric Transmission	Interconnection XTO Mahoney	3,502.61	-	3,502.61	276,161.13
214	Electric Transmission	Interconnection XTO Mahoney	2,222.36	-	2,222.36	112,028.34
215	Electric Transmission	Interconnection XTO Mahoney	-	-	-	(35,649.79)
216	Electric Transmission	Interconnection XTO Mahoney	-	-	-	(32,195.26)
217	Electric Transmission	Interconnection XTO Mahoney	1,198.79	-	1,198.79	34,503.19
218	Electric Transmission	Interconnection XTO Mahoney	-	-	-	(37,733.25)
219	Electric Transmission	Interconnection XTO Mahoney Total	6,923.76	-	6,923.76	317,114.36
220	Electric Transmission	Interconnection XTO Poker Cowboy Phase 1	4,948.91	-	4,948.91	(682,392.41)
221	Electric Transmission	Interconnection XTO Poker Cowboy Phase 1 Total	4,948.91	-	4,948.91	(682,392.41)
222	Electric Transmission	Interconnection Yuma	9,307.77	-	9,307.77	90,786.07
223	Electric Transmission	Interconnection Yuma Total	9,307.77	-	9,307.77	90,786.07
224	Electric Transmission	Jones 4 Mustang 6-Quay 1A	-	-	-	1,987.39
225	Electric Transmission	Jones 4 Mustang 6-Quay 1A Total	-	-	-	1,987.39
226	Electric Transmission	K32 Terminal Upgrades Potter & Harrington	6,855.15	-	6,855.15	7,671.66
227	Electric Transmission	K32 Terminal Upgrades Potter & Harrington	2,209.74	-	2,209.74	11,749.49
228	Electric Transmission	K32 Terminal Upgrades Potter & Harrington Total	9,064.89	-	9,064.89	19,421.15
229	Electric Transmission	K62 Nichols - Amarillo South Terminal Upgrade	8,986.99	-	8,986.99	83,174.55
230	Electric Transmission	K62 Nichols - Amarillo South Terminal Upgrade Total	8,986.99	-	8,986.99	83,174.55
231	Electric Transmission	Lea Co Plains Sw Cap Bank	36.18	-	36.18	16,192.74
232	Electric Transmission	Lea Co Plains Sw Cap Bank	-	-	-	(27,458.55)
233	Electric Transmission	Lea Co Plains Sw Cap Bank Total	36.18	-	36.18	(11,265.81)

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(A)	(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Project Category
209	Electric Transmission	Interconnection XTO Cornell Total	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
210	Electric Transmission	Interconnection XTO DI#9		
211	Electric Transmission	Interconnection XTO DI#9		
212	Electric Transmission	Interconnection XTO DI#9 Total		
213	Electric Transmission	Interconnection XTO Mahoney		
214	Electric Transmission	Interconnection XTO Mahoney		
215	Electric Transmission	Interconnection XTO Mahoney		
216	Electric Transmission	Interconnection XTO Mahoney		
217	Electric Transmission	Interconnection XTO Mahoney		
218	Electric Transmission	Interconnection XTO Mahoney		
219	Electric Transmission	Interconnection XTO Mahoney Total	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
220	Electric Transmission	Interconnection XTO Poker Cowboy Phase 1		
221	Electric Transmission	Interconnection XTO Poker Cowboy Phase 1 Total	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
222	Electric Transmission	Interconnection Yuma		
223	Electric Transmission	Interconnection Yuma Total	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
224	Electric Transmission	Jones 4 Mustang 6-Quay IA		
225	Electric Transmission	Jones 4 Mustang 6-Quay IA Total	This project constructed various network upgrades for interconnection that were required in the respective interconnection agreements for these generators.	Customer Funded
226	Electric Transmission	K32 Terminal Upgrades Potter & Harrington		
227	Electric Transmission	K32 Terminal Upgrades Potter & Harrington		
228	Electric Transmission	K32 Terminal Upgrades Potter & Harrington Total	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
229	Electric Transmission	K62 Nichols - Amarillo South Terminal Upgrade		
230	Electric Transmission	K62 Nichols - Amarillo South Terminal Upgrade Total	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
231	Electric Transmission	Lea Co Plains Sw Cap Bank		
232	Electric Transmission	Lea Co Plains Sw Cap Bank		
233	Electric Transmission	Lea Co Plains Sw Cap Bank Total	This project installed a 14.4 MVAr capacitor bank. SPP issued SPS an NTC for this project.	SPP Base Plan

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(A)	(B)	(C)	(D)	(E)	(F)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Capital Additions (July 1, 2019 - December 31, 2020)
234	Electric Transmission	Line ELR SPS	A.0000499,011	SPS ELR 115kV NM 2016	(34,854.29)
235	Electric Transmission	Line ELR SPS	A.0000499,011	SPS ELR 115kV NM 2016	(648.60)
236	Electric Transmission	Line ELR SPS	A.0000499,011	SPS ELR 115kV NM 2016	198,370.03
237	Electric Transmission	Line ELR SPS	A.0000499,012	SPS ELR 69kV TX 2016	(2,645.78)
238	Electric Transmission	Line ELR SPS	A.0000499,012	SPS ELR 69kV TX 2016	1,638,416.22
239	Electric Transmission	Line ELR SPS	A.0000499,012	SPS ELR 69kV TX 2016	233.40
240	Electric Transmission	Line ELR SPS	A.0000499,013	SPS ELR 115kV TX 2016	(58,031.68)
241	Electric Transmission	Line ELR SPS	A.0000499,013	SPS ELR 115kV TX 2016	(0.07)
242	Electric Transmission	Line ELR SPS	A.0000499,013	SPS ELR 115kV TX 2016	1,315,331.16
243	Electric Transmission	Line ELR SPS	A.0000499,013	SPS ELR 115kV TX 2016	802,161.90
244	Electric Transmission	Line ELR SPS	A.0000499,015	SPS 230kV ELR TX 2016	4,016,659.28
245	Electric Transmission	Line ELR SPS	A.0000499,019	J14 ELR Maintenance	2,402,121.43
246	Electric Transmission	Line ELR SPS	A.0000499,020	Z05 ELR Maintenance	(182,899.79)
247	Electric Transmission	Line ELR SPS	A.0000499,026	Z50.1 Retire	162.30
248	Electric Transmission	Line ELR SPS	A.0000499,027	Y79 ELR Maintenance	731,850.30
249	Electric Transmission	Line ELR SPS	A.0000499,029	Z65 ELR Maintenance	666,519.03
250	Electric Transmission	Line ELR SPS	A.0000499,030	Z36 ELR Maintenance	99,267.99
251	Electric Transmission	Line ELR SPS	A.0000499,031	T68 ELR Maintenance	273,626.75
252	Electric Transmission	Line ELR SPS	A.0000499,032	K59 Str Rpl	273,374.14
253	Electric Transmission	Line ELR SPS	A.0000499,033	T78 Str Rpl	371,565.28
254	Electric Transmission	Line ELR SPS	A.0000499,052	T52 Str Rpl	495,238.44
255	Electric Transmission	Line ELR SPS	A.0000499,055	U21 Str Rpl	29,248.18
256	Electric Transmission	Line ELR SPS Total			13,035,065.62
257	Electric Transmission	LP L Relay Upgrades	A.0001067,001	Lubbock East K57 Relay Upgrade	733.49
258	Electric Transmission	LP L Relay Upgrades	A.0001067,004	Lubbock South K64 Relay Upgrade	(714.01)
259	Electric Transmission	LP L Relay Upgrades Total			19.48
260	Electric Transmission	Lubbock S.-Allen Terminal Upgrades	A.0000484,001	Lubbock S. Sub, Allen Term	25,374.73
261	Electric Transmission	Lubbock S.-Allen Terminal Upgrades	A.0000484,002	Allen Sub, Lubbock S. Term	26,547.22
262	Electric Transmission	Lubbock S.-Allen Terminal Upgrades Total			51,921.95
263	Electric Transmission	Lynn Co. 115/69 Xfmr #1 Upgrade	A.0001284,001	Lynn Co 115/69 Xfmr #1 Upgrade	33,965.94

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(A)	(B)	(G)	(H)	(I)	(J)	
Line No.	Asset Class	WBS Level 1 Project Group Name	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)	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)
234	Electric Transmission	Line ELR SPS	-	-	-	(34,854.29)
235	Electric Transmission	Line ELR SPS	21.80	-	21.80	(670.40)
236	Electric Transmission	Line ELR SPS	-	-	-	198,370.03
237	Electric Transmission	Line ELR SPS	-	-	-	(2,645.78)
238	Electric Transmission	Line ELR SPS	-	-	-	1,638,416.22
239	Electric Transmission	Line ELR SPS	-	-	-	233.40
240	Electric Transmission	Line ELR SPS	-	-	-	(58,031.68)
241	Electric Transmission	Line ELR SPS	-	-	-	(0.07)
242	Electric Transmission	Line ELR SPS	-	-	-	1,315,331.16
243	Electric Transmission	Line ELR SPS	3,702.27	-	3,702.27	798,459.63
244	Electric Transmission	Line ELR SPS	748.02	-	748.02	4,015,911.26
245	Electric Transmission	Line ELR SPS	-	-	-	2,402,121.43
246	Electric Transmission	Line ELR SPS	-	-	-	(182,899.79)
247	Electric Transmission	Line ELR SPS	-	-	-	88,199.33
248	Electric Transmission	Line ELR SPS	(88,037.03)	-	(88,037.03)	731,850.30
249	Electric Transmission	Line ELR SPS	-	-	-	662,224.22
250	Electric Transmission	Line ELR SPS	4,294.81	-	4,294.81	91,893.55
251	Electric Transmission	Line ELR SPS	7,374.44	-	7,374.44	266,817.61
252	Electric Transmission	Line ELR SPS	6,809.14	-	6,809.14	272,149.38
253	Electric Transmission	Line ELR SPS	1,224.76	-	1,224.76	371,362.60
254	Electric Transmission	Line ELR SPS	202.68	-	202.68	490,700.59
255	Electric Transmission	Line ELR SPS	4,537.85	-	4,537.85	29,248.18
256	Electric Transmission	Line ELR SPS Total	(59,121.26)	-	(59,121.26)	13,094,186.88
257	Electric Transmission	LP L Relay Upgrades	-	-	-	733.49
258	Electric Transmission	LP L Relay Upgrades	-	-	-	(714.01)
259	Electric Transmission	LP L Relay Upgrades Total	-	-	-	19.48
260	Electric Transmission	Lubbock S.-Allen Terminal Upgrades	114.63	-	114.63	25,260.10
261	Electric Transmission	Lubbock S.-Allen Terminal Upgrades	95.31	-	95.31	26,451.91
262	Electric Transmission	Lubbock S.-Allen Terminal Upgrades Total	209.94	-	209.94	51,712.01
263	Electric Transmission	Lynn Co. 115/69 Xfmr #1 Upgrade	-	-	-	33,965.94

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(A)	(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Project Category
234	Electric Transmission	Line ELR SPS		
235	Electric Transmission	Line ELR SPS		
236	Electric Transmission	Line ELR SPS		
237	Electric Transmission	Line ELR SPS		
238	Electric Transmission	Line ELR SPS		
239	Electric Transmission	Line ELR SPS		
240	Electric Transmission	Line ELR SPS		
241	Electric Transmission	Line ELR SPS		
242	Electric Transmission	Line ELR SPS		
243	Electric Transmission	Line ELR SPS		
244	Electric Transmission	Line ELR SPS		
245	Electric Transmission	Line ELR SPS		
246	Electric Transmission	Line ELR SPS		
247	Electric Transmission	Line ELR SPS		
248	Electric Transmission	Line ELR SPS		
249	Electric Transmission	Line ELR SPS		
250	Electric Transmission	Line ELR SPS		
251	Electric Transmission	Line ELR SPS		
252	Electric Transmission	Line ELR SPS		
253	Electric Transmission	Line ELR SPS		
254	Electric Transmission	Line ELR SPS		
255	Electric Transmission	Line ELR SPS		
256	Electric Transmission	Line ELR SPS Total		
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.				
257	Electric Transmission	LP L Relay Upgrades		
258	Electric Transmission	LP L Relay Upgrades		
259	Electric Transmission	LP L Relay Upgrades Total		
260	Electric Transmission	Lubbock S.-Allen Terminal Upgrades		
261	Electric Transmission	Lubbock S.-Allen Terminal Upgrades		
262	Electric Transmission	Lubbock S.-Allen Terminal Upgrades Total		
263	Electric Transmission	Lynn Co. 115/69 Xfmr #1 Upgrade		
			SPS Zonal	SR
			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
			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

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(A)	(B)	(C)	(D)	(E)	(F)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	In-Service Date (year-month)
264	Electric Transmission	Lynn Co. 115/69 Xfmr #1 Upgrade	A.0001284.001	Lynn Co 115/69 Xfmr #1 Upgrade	201905
265	Electric Transmission	Lynn Co. 115/69 Xfmr #1 Upgrade	A.0001284.001	Lynn Co 115/69 Xfmr #1 Upgrade	201910
266	Electric Transmission	Lynn Co. 115/69 Xfmr #1 Upgrade	A.0001284.003	Lynn Co 69kV Bkr 7740	201905
267	Electric Transmission	Lynn Co. 115/69 Xfmr #1 Upgrade Total			24,301.65
					(11,469.98)
					(0.60)
					1,806.29
					24,301.65
268	Electric Transmission	Mustang - Seminole 115kV Cktl New Line	A.0001030.001	Mustang - Seminole New 115kV Line	202012
269	Electric Transmission	Mustang - Seminole 115kV Cktl New Line	A.0001030.002	Mustang - Seminole ROW	201912
270	Electric Transmission	Mustang - Seminole 115kV Cktl New Line	A.0001030.002	Mustang - Seminole ROW	202009
271	Electric Transmission	Mustang - Seminole 115kV Cktl New Line	A.0001030.005	Mustang Sub - Terminal Upgrade	202012
272	Electric Transmission	Mustang - Seminole 115kV Cktl New Line	A.0001030.007	Seminole Sub - Terminal Upgrade	202012
273	Electric Transmission	Mustang - Seminole 115kV Cktl New Line	A.0001030.008	W11 2 55/59 Circuit DC with U25	202011
274	Electric Transmission	Mustang - Seminole 115kV Cktl New Line	A.0001030.009	W13 1 62/53 Circuit DC with U25	202011
275	Electric Transmission	Mustang - Seminole 115kV Cktl New Line	A.0001030.010	U01 1 U01 14 Circuit DC with U25	202004
276	Electric Transmission	Mustang - Seminole 115kV Cktl New Line Total			15,077,770.22
					8,401,404.56
					796,829.81
					181,015.49
					2,422,266.61
					2,285,342.28
					153,897.02
					22,437.35
					814,577.10
					15,077,770.22
277	Electric Transmission	Mustang-Shell CO2 115kV Line	A.0000979.001	115Line Mustang-Shell Trans Po	201904
278	Electric Transmission	Mustang-Shell CO2 115kV Line	A.0000979.002	Denver City -Shell Reterm Tran	201904
279	Electric Transmission	Mustang-Shell CO2 115kV Line	A.0000979.003	Yoakum-Shell Reterm Tran Porti	201904
280	Electric Transmission	Mustang-Shell CO2 115kV Line	A.0000979.005	Yoakum Relay upgrade Sub Porti	201912
281	Electric Transmission	Mustang-Shell CO2 115kV Line	A.0000979.007	Mustang Sub Sub Portion Sub	201904
282	Electric Transmission	Mustang-Shell CO2 115kV Line	A.0000979.008	Relay Upg - DVCY Shell Term	201910
283	Electric Transmission	Mustang-Shell CO2 115kV Line	A.0000979.010	Shell Substation Sub Portion	201904
284	Electric Transmission	Mustang-Shell CO2 115kV Line	A.0000979.011	K56 Structure Raise	201811
285	Electric Transmission	Mustang-Shell CO2 115kV Line Total			2,002,706.57
					146,622.91
					(21,525.21)
					(20,788.59)
					869,510.04
					139,328.45
					619,234.79
					289,843.14
					(19,518.96)
					2,002,706.57
286	Electric Transmission	NE Hereford to New Center St. 115 kV Line	A.0000296.005	NE Hereford to New Center St.	201804
287	Electric Transmission	NE Hereford to New Center St. 115 kV Line	A.0000296.006	New Centre St 115kV Sub	201804
288	Electric Transmission	NE Hereford to New Center St. 115 kV Line	A.0000296.008	NE Hereford Sub	201804
289	Electric Transmission	NE Hereford to New Center St. 115 kV Line Total			(43,292.14)
					7,738.14
					(54,329.67)
					3,299.39
					(43,292.14)
290	Electric Transmission	Needmore UPLC Upgrades	A.0001078.001	Yoakum UPLC Upgrade	201805
291	Electric Transmission	Needmore UPLC Upgrades Total			42,857.88
					42,857.88

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(A) Line No.	Asset Class	(B) WBS Level 1 Project Group Name	(G) XES Charges (Included in Column F)	(H) Other Affiliate Charges (Included in Column F)	(I) Total Affiliate Charges (Included in Column F)	(J) Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)
264	Electric Transmission	Lynn Co. 115/69 Xfmr #1 Upgrade	172.75	-	172.75	(11,642.73)
265	Electric Transmission	Lynn Co. 115/69 Xfmr #1 Upgrade	-	-	-	(0.60)
266	Electric Transmission	Lynn Co. 115/69 Xfmr #1 Upgrade	-	-	-	1,806.29
267	Electric Transmission	Lynn Co. 115/69 Xfmr #1 Upgrade Total	172.75	-	172.75	24,128.90
268	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line	10,364.91	-	10,364.91	8,391,039.65
269	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line	100,286.13	-	100,286.13	696,543.68
270	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line	3,222.40	-	3,222.40	177,793.09
271	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line	21,459.71	-	21,459.71	2,400,806.90
272	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line	22,841.39	-	22,841.39	2,262,500.89
273	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line	284.38	-	284.38	153,612.64
274	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line	3,048.70	-	3,048.70	19,388.65
275	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line	2,800.42	-	2,800.42	811,776.68
276	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line Total	164,308.04	-	164,308.04	14,913,462.18
277	Electric Transmission	Mustang-Shell CO2 115kV Line	17,257.93	-	17,257.93	129,364.98
278	Electric Transmission	Mustang-Shell CO2 115kV Line	-	-	-	(21,525.21)
279	Electric Transmission	Mustang-Shell CO2 115kV Line	-	-	-	(20,788.59)
280	Electric Transmission	Mustang-Shell CO2 115kV Line	3,132.52	-	3,132.52	866,377.52
281	Electric Transmission	Mustang-Shell CO2 115kV Line	17,825.37	-	17,825.37	121,503.08
282	Electric Transmission	Mustang-Shell CO2 115kV Line	2,595.67	-	2,595.67	616,639.12
283	Electric Transmission	Mustang-Shell CO2 115kV Line	13,636.29	-	13,636.29	276,206.85
284	Electric Transmission	Mustang-Shell CO2 115kV Line	-	-	-	(19,518.96)
285	Electric Transmission	Mustang-Shell CO2 115kV Line Total	54,447.78	-	54,447.78	1,948,258.79
286	Electric Transmission	NE Hereford to New Center St. 115 kV Line	(34,215.55)	-	(34,215.55)	41,953.69
287	Electric Transmission	NE Hereford to New Center St. 115 kV Line	-	-	-	(54,329.67)
288	Electric Transmission	NE Hereford to New Center St. 115 kV Line	-	-	-	3,299.39
289	Electric Transmission	NE Hereford to New Center St. 115 kV Line Total	(34,215.55)	-	(34,215.55)	(9,076.59)
290	Electric Transmission	Needmore UPLC Upgrades	-	-	-	42,857.88
291	Electric Transmission	Needmore UPLC Upgrades Total	-	-	-	42,857.88

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(A)	(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Project Category
264	Electric Transmission	Lynn Co. 115/69 Xfmr #1 Upgrade		
265	Electric Transmission	Lynn Co. 115/69 Xfmr #1 Upgrade		
266	Electric Transmission	Lynn Co. 115/69 Xfmr #1 Upgrade		
267	Electric Transmission	Lynn Co. 115/69 Xfmr #1 Upgrade Total	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.	RE
268	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line		
269	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line		
270	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line		
271	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line		
272	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line		
273	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line		
274	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line		
275	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line		
276	Electric Transmission	Mustang - Seminole 115kV Ckt1 New Line Total	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.	RE
277	Electric Transmission	Mustang-Shell CO2 115kV Line		
278	Electric Transmission	Mustang-Shell CO2 115kV Line		
279	Electric Transmission	Mustang-Shell CO2 115kV Line		
280	Electric Transmission	Mustang-Shell CO2 115kV Line		
281	Electric Transmission	Mustang-Shell CO2 115kV Line		
282	Electric Transmission	Mustang-Shell CO2 115kV Line		
283	Electric Transmission	Mustang-Shell CO2 115kV Line		
284	Electric Transmission	Mustang-Shell CO2 115kV Line		
285	Electric Transmission	Mustang-Shell CO2 115kV Line Total	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.	RE
286	Electric Transmission	NE Hereford to New Center St. 115 kV Line		
287	Electric Transmission	NE Hereford to New Center St. 115 kV Line		
288	Electric Transmission	NE Hereford to New Center St. 115 kV Line		
289	Electric Transmission	NE Hereford to New Center St. 115 kV Line Total	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.	RE
290	Electric Transmission	Needmore UPLC Upgrades		
291	Electric Transmission	Needmore UPLC Upgrades Total	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.	SR

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(A)	(B)	(C)	(D)	(E)	(F)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	In-Service Date (year-month)
292	Electric Transmission	NEF Targa Reconnector	A.0001285.001	NEF-Targa Reconnector	201902
293	Electric Transmission	NEF Targa Reconnector Total			108,583.79
294	Electric Transmission	NERC TPL Relay Improvements	A.0001059.003	Potter Auto Bus Diff Relay Upgrade	202011
295	Electric Transmission	NERC TPL Relay Improvements	A.0001059.004	Eddy County 4950 Relay Upgrade TPL	202003
296	Electric Transmission	NERC TPL Relay Improvements	A.0001059.005	Roswell 4910 Relay Upgrade TPL	201904
297	Electric Transmission	NERC TPL Relay Improvements Total			1,267,851.43
298	Electric Transmission	OPIE 1 Road Runner (Interc Potash Conn)	A.0000424.183	Intercont Potash Conn 230kV Li	201510
299	Electric Transmission	OPIE 1 Road Runner (Interc Potash Conn) Total			(546.35)
300	Electric Transmission	OPIE 2 China Draw-Wood Draw 115kV PID 30825	A.0000424.099	China Draw-Wood Draw 115kV Lin	202008
301	Electric Transmission	OPIE 2 China Draw-Wood Draw 115kV PID 30825	A.0000424.177	Hopki Breaker Install Pecos Ter	201711
302	Electric Transmission	OPIE 2 China Draw-Wood Draw 115kV PID 30825 Total			1,198,829.07
303	Electric Transmission	OPIE 2 China Draw-Yeso Hills 115kV PID 30675	A.0000424.033	ChinaDraw 115kV Sub Y Hill Ter	201905
304	Electric Transmission	OPIE 2 China Draw-Yeso Hills 115kV PID 30675	A.0000424.230	W87 Chevron Tap Yeso Hills 115kV Li	202010
305	Electric Transmission	OPIE 2 China Draw-Yeso Hills 115kV PID 30675	A.0000424.231	W87 China Draw Chevron Tap 115kV Li	201905
306	Electric Transmission	OPIE 2 China Draw-Yeso Hills 115kV PID 30675	A.0000424.256	Chevron Hayhurst Metering	201905
307	Electric Transmission	OPIE 2 China Draw-Yeso Hills 115kV PID 30675 Total			176,935.20
308	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.108	Kiowa-Eddy Co 345kV Line	202011
309	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.109	Kiowa-Eddy Co 345kV ROW	201909
310	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.109	Kiowa-Eddy Co 345kV ROW	201909
311	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.110	Eddy Co 345kV Sub Land	201906
312	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.110	Eddy Co 345kV Sub Land	202004
313	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.111	Eddy Co 345kV 4 Brkr Ring-Kiow	202011
314	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.113	Kiowa 345kV Eddy Co Term Sub	202011
315	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.115	J02 Tolk Re-Term Line	201911
316	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.242	J14 Eddy Return Line	202005
317	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.265	K23 Structure Raise	201907
318	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV			38,134,701.60
319	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV			30,542.18
320	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV			890,403.04
321	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV			(27,307.92)
322	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV			102,075.74
323	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV			15,750,752.59
324	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV			7,950,298.61
325	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV			0.01
326	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV			229,550.58
327	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV			115,667.40

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(A)		(B)	(G)		(H)	(I)	(J)
Line No.	Asset Class	WBS Level 1 Project Group Name	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)	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)	
292	Electric Transmission	NEF Targa Reconductor	14.76	-	14.76	108,569.03	
293	Electric Transmission	NEF Targa Reconductor Total	14.76	-	14.76	108,569.03	
294	Electric Transmission	NERC TPL Relay Improvements	5,384.80	-	5,384.80	485,953.79	
295	Electric Transmission	NERC TPL Relay Improvements	8,515.63	-	8,515.63	753,979.40	
296	Electric Transmission	NERC TPL Relay Improvements	70.35	-	70.35	13,947.46	
297	Electric Transmission	NERC TPL Relay Improvements Total	13,970.78	-	13,970.78	1,253,880.65	
298	Electric Transmission	OPIE 1 Road Runner (Interc Potash Conn)	-	-	-	(546.35)	
299	Electric Transmission	OPIE 1 Road Runner (Interc Potash Conn) Total	-	-	-	(546.35)	
300	Electric Transmission	OPIE 2 China Draw-Wood Draw 115kV PID 30825	-	-	-	1,197,262.84	
301	Electric Transmission	OPIE 2 China Draw-Wood Draw 115kV PID 30825	-	-	-	1,566.23	
302	Electric Transmission	OPIE 2 China Draw-Wood Draw 115kV_PID 30825 T	-	-	-	1,198,829.07	
303	Electric Transmission	OPIE 2 China Draw-Yeso Hills 115kV PID 30675	359.90	-	359.90	33,742.66	
304	Electric Transmission	OPIE 2 China Draw-Yeso Hills 115kV PID 30675	-	-	-	(729.68)	
305	Electric Transmission	OPIE 2 China Draw-Yeso Hills 115kV PID 30675	(9,401.67)	-	(9,401.67)	103,227.38	
306	Electric Transmission	OPIE 2 China Draw-Yeso Hills 115kV PID 30675	-	-	-	49,736.61	
307	Electric Transmission	OPIE 2 China Draw-Yeso Hills 115kV_PID 30675 Tot	(9,041.77)	-	(9,041.77)	185,976.97	
308	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	21,928.12	-	21,928.12	38,112,773.48	
309	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	5,661.73	-	5,661.73	24,880.45	
310	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	-	-	-	890,403.04	
311	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	(7,307.70)	-	(7,307.70)	(20,000.22)	
312	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	7,910.34	-	7,910.34	94,165.40	
313	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	14,948.59	-	14,948.59	15,735,804.00	
314	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	1,208.27	-	1,208.27	7,949,090.34	
315	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	(5,368.02)	-	(5,368.02)	5,368.03	
316	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	37,680.76	-	37,680.76	191,869.82	
317	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	-	-	-	115,667.40	

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(A)	(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Project Category
292	Electric Transmission	NEF Targa Reconnector		
293	Electric Transmission	NEF Targa Reconnector Total	This project re-conducted 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.	RE
294	Electric Transmission	NERC TPL Relay Improvements		
295	Electric Transmission	NERC TPL Relay Improvements		
296	Electric Transmission	NERC TPL Relay Improvements		
297	Electric Transmission	NERC TPL Relay Improvements Total	This project installed and replaced relays to comply with the North American Electric Reliability Corporation (NERC) Transmission Planning (TPL) standards at a number of identified substations.	RE
298	Electric Transmission	OPIE 1 Road Runner (Interc Potash Conn)		
299	Electric Transmission	OPIE 1 Road Runner (Interc Potash Conn) Total	This project constructed the Roadrunner Substation to connect a new potash mine, Intercontinental Potash, to the 115-kV transmission system in southeast New Mexico. SPP issued SPS an NTC for this project.	RE
300	Electric Transmission	OPIE 2 China Draw-Wood Draw 115kV PID 30825		
301	Electric Transmission	OPIE 2 China Draw-Wood Draw 115kV PID 30825		
302	Electric Transmission	OPIE 2 China Draw-Wood Draw 115kV PID 30825 Total	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.	RE
303	Electric Transmission	OPIE 2 China Draw-Yeso Hills 115kV PID 30675		
304	Electric Transmission	OPIE 2 China Draw-Yeso Hills 115kV PID 30675		
305	Electric Transmission	OPIE 2 China Draw-Yeso Hills 115kV PID 30675		
306	Electric Transmission	OPIE 2 China Draw-Yeso Hills 115kV PID 30675		
307	Electric Transmission	OPIE 2 China Draw-Yeso Hills 115kV PID 30675 Total	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.	RE
308	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV		
309	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV		
310	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV		
311	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV		
312	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV		
313	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV		
314	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV		
315	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV		
316	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV		
317	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV		

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(A) Line No.	(B) Asset Class	(C) WBS Level 1 Project Group Name	(D) WBS Level 2 Number	(E) WBS Level 2 Description	(F) In-Service Date (year-month)	(G) Capital Additions (July 1, 2019 - December 31, 2020)
318	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.274	K23 Term Str Replacement	202002	165,453.35
319	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	A.0000424.275	CRSR SER 1 345kV J16 Relay	202010	238,242.19
320	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV Total				63,580,379.37
321	Electric Transmission	OPIE 2 Kiowa-Road Runner 345kV Conv PID 30639	A.0000424.088	Kiowa-Road Runner 345kV Line U	201804	5,308.57
322	Electric Transmission	OPIE 2 Kiowa-Road Runner 345kV Conv PID 30639	A.0000424.088	Kiowa-Road Runner 345kV Line U	202001	(324.47)
323	Electric Transmission	OPIE 2 Kiowa-Road Runner 345kV Conv PID 30639	A.0000424.093	Road Runner Sub 345kV Conv UID	201804	14,321.82
324	Electric Transmission	OPIE 2 Kiowa-Road Runner 345kV Conv PID 30639	A.0000424.095	Road Runner Sub Xfmr 345kV UID	201804	87,925.67
325	Electric Transmission	OPIE 2 Kiowa-Road Runner 345kV Conv PID 30639	A.0002049.001	Potash Sub 115 kV Terminal Sub	201804	(140,218.64)
326	Electric Transmission	OPIE 2 Kiowa-Road Runner 345kV Conv PID 30639 Total				(32,987.05)
327	Electric Transmission	OPIE 2 Livingston Ridge-Cardinal 115kV PID 30695	A.0000424.058	T38 Potash Re-Term UID 50924	201711	8,128.67
328	Electric Transmission	OPIE 2 Livingston Ridge-Cardinal 115kV PID 30695	A.0000424.068	L Ridge Sub 115kV Conv/S Brush	201711	(4,656.23)
329	Electric Transmission	OPIE 2 Livingston Ridge-Cardinal 115kV PID 30695	A.0000424.070	Potash Sub Rly Mods Livingston	201711	(23,497.45)
330	Electric Transmission	OPIE 2 Livingston Ridge-Cardinal 115kV PID 30695 Total				(20,025.01)
331	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV PID 30638	A.0000424.085	Kiowa-North Loving 345kV Line	201805	890,622.75
332	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV PID 30638	A.0000424.087	N Loving-China Draw 345kV Line	201805	62,585.96
333	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV PID 30638	A.0000424.163	N Loving Sub Kiowa/C Draw Term	201805	(4,845.59)
334	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV PID 30638	A.0000424.165	N Loving Sub Xfmr 345kV/115kV	201805	44,991.34
335	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV PID 30638	A.0000424.167	C Draw 345kV Sub N Loving Term	201805	63.92
336	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV PID 30638	A.0000424.169	C Draw Sub Xfmr 345kV/115kV UI	201805	3,261.02
337	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV PID 30638	A.0000424.169	C Draw Sub Xfmr 345kV/115kV UI	201908	64.82
338	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV PID 30638 Total				996,744.22
339	Electric Transmission	OPIE 3 Malaga Bend	A.0001214.001	Malaga Bend 115 1247kV Substation T	202010	1,381,567.57
340	Electric Transmission	OPIE 3 Malaga Bend	A.0001214.002	Loving South Malaga Bend Terminal	202010	2,882,929.58
341	Electric Transmission	OPIE 3 Malaga Bend	A.0001214.003	Phantom Malaga Bend Terminal	202010	1,028,949.06
342	Electric Transmission	OPIE 3 Malaga Bend	A.0001214.004	U26 LS Malaga 115kV Line	202010	11,156,462.69
343	Electric Transmission	OPIE 3 Malaga Bend	A.0001214.005	U26 LS Malaga 115kV ROW	201911	1,076,667.96
344	Electric Transmission	OPIE 3 Malaga Bend	A.0001214.012	NOLO U-18 protection upgrade	202011	50,681.42

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(A)		(B)	(G)		(H)	(I)	(J)
Line No.	Asset Class	WBS Level 1 Project Group Name	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)	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)	
318	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	35,067.18	-	35,067.18	130,386.17	
319	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV	1,986.57	-	1,986.57	236,255.62	
320	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV Total	113,715.84	-	113,715.84	63,466,663.53	
321	Electric Transmission	OPIE 2 Kiowa-Road Runner 345kV Conv PID 30639	(11,921.51)	-	(11,921.51)	17,230.08	
322	Electric Transmission	OPIE 2 Kiowa-Road Runner 345kV Conv PID 30639	-	-	-	(324.47)	
323	Electric Transmission	OPIE 2 Kiowa-Road Runner 345kV Conv PID 30639	-	-	-	14,321.82	
324	Electric Transmission	OPIE 2 Kiowa-Road Runner 345kV Conv PID 30639	377.67	-	377.67	87,548.00	
325	Electric Transmission	OPIE 2 Kiowa-Road Runner 345kV Conv PID 30639	-	-	-	(140,218.64)	
326	Electric Transmission	OPIE 2 Kiowa-Road Runner 345kV Conv_PID 30639	(11,543.84)	-	(11,543.84)	(21,443.21)	
327	Electric Transmission	OPIE 2 Livingston Ridge-Cardinal 115kV PID 30695	-	-	-	8,128.67	
328	Electric Transmission	OPIE 2 Livingston Ridge-Cardinal 115kV PID 30695	-	-	-	(4,656.23)	
329	Electric Transmission	OPIE 2 Livingston Ridge-Cardinal 115kV PID 30695	-	-	-	(23,497.45)	
330	Electric Transmission	OPIE 2 Livingston Ridge-Cardinal 115kV_PID 30695	-	-	-	(20,025.01)	
331	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV PID 30638	-	-	-	890,622.75	
332	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV PID 30638	(28,590.15)	-	(28,590.15)	91,176.11	
333	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV PID 30638	96.82	-	96.82	(4,942.41)	
334	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV PID 30638	3,343.92	-	3,343.92	41,647.42	
335	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV PID 30638	56.03	-	56.03	7.89	
336	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV_PID 30638	-	-	-	3,261.02	
337	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV PID 30638	-	-	-	64.82	
338	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV_PID 30638 Total	(25,093.38)	-	(25,093.38)	1,021,837.60	
339	Electric Transmission	OPIE 3 Malaga Bend	1,291.67	-	1,291.67	1,380,275.90	
340	Electric Transmission	OPIE 3 Malaga Bend	5,622.36	-	5,622.36	2,877,307.22	
341	Electric Transmission	OPIE 3 Malaga Bend	217.12	-	217.12	1,028,731.94	
342	Electric Transmission	OPIE 3 Malaga Bend	15,319.26	-	15,319.26	11,141,143.43	
343	Electric Transmission	OPIE 3 Malaga Bend	134,028.12	-	134,028.12	942,639.84	
344	Electric Transmission	OPIE 3 Malaga Bend	5,307.65	-	5,307.65	45,373.77	

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(A)		(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Cost Recovery Method	Project Category
318	Electric Transmission	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.	SPS Zonal	RE
319	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV			
320	Electric Transmission	OPIE 2 Kiowa-Eddy Co 345kV Total			
321	Electric Transmission	OPIE 2 Kiowa-Road Runner 345kV Conv PID 30639	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
322	Electric Transmission	OPIE 2 Kiowa-Road Runner 345kV Conv PID 30639			
323	Electric Transmission	OPIE 2 Kiowa-Road Runner 345kV Conv PID 30639			
324	Electric Transmission	OPIE 2 Kiowa-Road Runner 345kV Conv PID 30639			
325	Electric Transmission	OPIE 2 Kiowa-Road Runner 345kV Conv PID 30639			
326	Electric Transmission	OPIE 2 Kiowa-Road Runner 345kV Conv PID 30639			
327	Electric Transmission	OPIE 2 Livingston Ridge-Cardinal 115kV PID 30695	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
328	Electric Transmission	OPIE 2 Livingston Ridge-Cardinal 115kV PID 30695			
329	Electric Transmission	OPIE 2 Livingston Ridge-Cardinal 115kV PID 30695			
330	Electric Transmission	OPIE 2 Livingston Ridge-Cardinal 115kV PID 30695			
331	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV PID 30638	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
332	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV PID 30638			
333	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV PID 30638			
334	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV PID 30638			
335	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV PID 30638			
336	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV PID 30638			
337	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV PID 30638			
338	Electric Transmission	OPIE 3 Kiowa-China Draw 345kV PID 30638 Total			
339	Electric Transmission	OPIE 3 Malaga Bend			
340	Electric Transmission	OPIE 3 Malaga Bend			
341	Electric Transmission	OPIE 3 Malaga Bend			
342	Electric Transmission	OPIE 3 Malaga Bend			
343	Electric Transmission	OPIE 3 Malaga Bend			
344	Electric Transmission	OPIE 3 Malaga Bend			

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(A) Line No.	(B) Asset Class	(C) WBS Level 1 Project Group Name	(D) WBS Level 2 Number	(E) WBS Level 2 Description	(F) In-Service Date (year-month)	(G) Capital Additions (July 1, 2019 - December 31, 2020)
345	Electric Transmission	OPIE 3 Malaga Bend Total				17,577,258.28
346	Electric Transmission	OPIE 3 Medanos Sub	A.0000424.243	Medanos Sub Tam	202010	800,700.47
347	Electric Transmission	OPIE 3 Medanos Sub	A.0000424.247	W88 LR SB Reterm	202010	742,855.84
348	Electric Transmission	OPIE 3 Medanos Sub	A.0000424.267	SEBH Medanos Term Relay Upgrade	202010	129,613.51
349	Electric Transmission	OPIE 3 Medanos Sub	A.0000424.268	LSRI Medanos Term Relay Upgrade	202010	140,118.04
350	Electric Transmission	OPIE 3 Medanos Sub Total				1,813,287.86
351	Electric Transmission	OPIE 3 Ponderosa-Custer Mt 115kV	A.0000424.055	Custer Mt 115kV Sub Ponderosa	201705	(88.42)
352	Electric Transmission	OPIE 3 Ponderosa-Custer Mt 115kV PID 30694				(88.42)
353	Electric Transmission	OPIE 3 Roadrunner 115/25kV Expansion	A.0000424.237	Roadrunner 115kV Bus Expansion	201908	3,547,934.36
354	Electric Transmission	OPIE 3 Roadrunner 115/25kV Expansion Total				3,547,934.36
355	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.002	OPIE Phantom U29 reterm Phant to W/d	202010	999,792.81
356	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.003	OPIE Phantom U28reterm Phant to Red B	202010	644,097.07
357	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.005	OPIE Phantom U28reterm ROW Phant to Re	202008	1,100.86
358	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.007	OPIE Phantom Sub Land	201912	296,449.09
359	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.009	OPIE Phantom Roadrunner 345 ROW	202003	1,470,681.75
360	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.011	OPIE China Draw-Phantom 345 ROW	202003	1,709,590.52
361	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.020	Phantom 115kV Bus	202010	12,565,136.04
362	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.024	Red Bluff U28 Phantom Terminal	202010	432,419.60
363	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.025	Wood Draw U29 Phantom Terminal	202010	253,308.77
364	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	A.0001189.026	China Draw Land	202009	52,420.02
365	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV Total				18,424,996.53
366	Electric Transmission	OPIE 3 W 39 Rebuild	A.0000424.266	OPIE 3 W 39 Rld PHTM RDBF	202010	7,000,003.44

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(A)	(B)	(G)		(H)	(I)	(J)
Line No.	Asset Class	WBS Level 1 Project Group Name	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)	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)
345	Electric Transmission	OPIE 3 Malaga Bend Total	161,786.18	-	161,786.18	17,415,472.10
346	Electric Transmission	OPIE 3 Medanos Sub	7,847.66	-	7,847.66	792,852.81
347	Electric Transmission	OPIE 3 Medanos Sub	1,721.12	-	1,721.12	741,134.72
348	Electric Transmission	OPIE 3 Medanos Sub	-	-	-	129,613.51
349	Electric Transmission	OPIE 3 Medanos Sub	4,780.16	-	4,780.16	135,337.88
350	Electric Transmission	OPIE 3 Medanos Sub Total	14,348.94	-	14,348.94	1,798,938.92
351	Electric Transmission	OPIE 3 Ponderosa-Custer Mtl115kV PID 30694	-	-	-	(88.42)
352	Electric Transmission	OPIE 3 Ponderosa-Custer Mtl115kV_PID 30694 Total	-	-	-	(88.42)
353	Electric Transmission	OPIE 3 Roadrunner 115/25kV Expansion	16,142.82	-	16,142.82	3,531,791.54
354	Electric Transmission	OPIE 3 Roadrunner 115/25kV Expansion Total	16,142.82	-	16,142.82	3,531,791.54
355	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	-	-	-	999,792.81
356	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	224.69	-	224.69	643,872.38
357	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	252.79	-	252.79	848.07
358	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	5,121.86	-	5,121.86	291,327.23
359	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	34,480.37	-	34,480.37	1,436,201.38
360	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	29,893.23	-	29,893.23	1,679,697.29
361	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	5,848.42	-	5,848.42	12,559,287.62
362	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	21.80	-	21.80	432,397.80
363	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	-	-	-	253,308.77
364	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	556.94	-	556.94	51,863.08
365	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV Total	76,400.10	-	76,400.10	18,348,596.43
366	Electric Transmission	OPIE 3 W 39 Rebuild	-	-	-	7,000,003.44

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(A)	(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Project Category
345	Electric Transmission	OPIE 3 Malaga Bend Total		SPS Zonal
346	Electric Transmission	OPIE 3 Medanos Sub	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.	LI
347	Electric Transmission	OPIE 3 Medanos Sub		
348	Electric Transmission	OPIE 3 Medanos Sub		
349	Electric Transmission	OPIE 3 Medanos Sub		
350	Electric Transmission	OPIE 3 Medanos Sub Total		
351	Electric Transmission	OPIE 3 Ponderosa-Custer Mt115kV PID 30694	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.	LI
352	Electric Transmission	OPIE 3 Ponderosa-Custer Mt115kV PID 30694 Total		
353	Electric Transmission	OPIE 3 Roadrunner 115/25kV Expansion	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.	RE
354	Electric Transmission	OPIE 3 Roadrunner 115/25kV Expansion Total		
355	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV	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.	LI
356	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV		
357	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV		
358	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV		
359	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV		
360	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV		
361	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV		
362	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV		
363	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV		
364	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV		
365	Electric Transmission	OPIE 3 Roadrunner-China Draw 345kV Total		
366	Electric Transmission	OPIE 3 W 39 Rebuild	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.	RE/LI

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(A)	(B)	(C)	(D)	(E)	(F)
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 - December 31, 2020)
367	Electric Transmission	OPIE 3 W 39 Rebuild Total			7,000,003.44
368	Electric Transmission	OPIE Hobbs-Kiowa 345kV PID 30637	A.0000424.037	OPIE 3 Hobbs-Kiowa 345kV Line	196,591.89
369	Electric Transmission	OPIE Hobbs-Kiowa 345kV PID 30637	A.0000424.040	Kiowa 345kV Sub H Term/Reactor	(9,593.71)
370	Electric Transmission	OPIE Hobbs-Kiowa 345kV PID 30637	A.0000424.044	Hobbs Sub Xfmr 345kV/230kV UID	35,189.95
371	Electric Transmission	OPIE Hobbs-Kiowa 345kV PID 30637	A.0000424.045	Hobbs 345kV Sub Reactor/Kiowa	(4,329.73)
372	Electric Transmission	OPIE Hobbs-Kiowa 345kV PID 30637 Total			217,858.40
373	Electric Transmission	OPIE Monument-Byrd Reconnector	A.0000424.136	Monument-Byrd 115kV Recond Line	319,120.06
374	Electric Transmission	OPIE Monument-Byrd Reconnector	A.0000424.137	Monument-Byrd ROW	(1,005,340.68)
375	Electric Transmission	OPIE Monument-Byrd Reconnector Total			(686,220.62)
376	Electric Transmission	OPIE N Loving-S Loving 115kV	A.0000424.119	N Loving-S Loving 115 kV Line	2,809,549.82
377	Electric Transmission	OPIE N Loving-S Loving 115kV	A.0000424.120	N Loving-S Loving 115 kVROW	3,895.89
378	Electric Transmission	OPIE N Loving-S Loving 115kV	A.0000424.121	S Loving 115kV Conv From 69kV	1,087,837.14
379	Electric Transmission	OPIE N Loving-S Loving 115kV	A.0000424.122	N Loving 115kV Bus & S Loving	4,707,462.34
380	Electric Transmission	OPIE N Loving-S Loving 115kV	A.0000424.257	W 72 U 18 Common Structure	58,765.08
381	Electric Transmission	OPIE N Loving-S Loving 115kV Total			8,667,510.27
382	Electric Transmission	OPIE Potash-Livingston Ridge Recond	A.0000424.143	IMC1-Intrepid West 115kV Recond	32,913.03
383	Electric Transmission	OPIE Potash-Livingston Ridge Recond	A.0000424.144	OPIE Potash-Livingston Ridge	(968.38)
384	Electric Transmission	OPIE Potash-Livingston Ridge Recond	A.0000424.145	Potash-Intrepid West 115kV Recond	233,412.91
385	Electric Transmission	OPIE Potash-Livingston Ridge Recond	A.0000424.150	OPIE PTJU Intrepid Term Sub	186,703.30
386	Electric Transmission	OPIE Potash-Livingston Ridge Recond	A.0000424.234	Livingston Ridge U08 OPGW upgrade	16,147.80
387	Electric Transmission	OPIE Potash-Livingston Ridge Recond Total			468,208.66
388	Electric Transmission	OPIE Reconnector PCA-Quahada	A.0000424.029	V21 Quahada 115kV Reconnector	3,294.04
389	Electric Transmission	OPIE Reconnector PCA-Quahada Total			3,294.04
390	Electric Transmission	OPIE Roadrunner to Agave Ochoa 115 Lines	A.0000488.002	W95 Extend to RDRN	(311.32)
391	Electric Transmission	OPIE Roadrunner to Agave Ochoa 115 Lines	A.0000488.004	RDRN 115kV Line Terminal Upgrade	(843.48)
392	Electric Transmission	OPIE Roadrunner to Agave Ochoa 115 Lines	A.0000488.008	Opie Roadrunner Agave Ochoa Pre Con	(54.21)
393	Electric Transmission	OPIE Roadrunner to Agave Ochoa 115 Lines Total			(1,209.01)
394	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	A.0000673.021	TUCO-Yoakum 345kV Line UID 504	110,896,931.82

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(A)	(B)	(G)	(H)	(I)	(J)	
Line No.	Asset Class	WBS Level 1 Project Group Name	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)	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)
367	Electric Transmission	OPIE 3 W 39 Rebuild Total	-	-	-	7,000,003.44
368	Electric Transmission	OPIE Hobbs-Kiowa 345kV PID 30637	(66,278.57)	-	(66,278.57)	262,870.46
369	Electric Transmission	OPIE Hobbs-Kiowa 345kV PID 30637	-	-	-	(9,593.71)
370	Electric Transmission	OPIE Hobbs-Kiowa 345kV PID 30637	-	-	-	35,189.95
371	Electric Transmission	OPIE Hobbs-Kiowa 345kV PID 30637	-	-	-	(4,329.73)
372	Electric Transmission	OPIE Hobbs-Kiowa 345kV_PID 30637 Total	(66,278.57)	-	(66,278.57)	284,136.97
373	Electric Transmission	OPIE Monument-Byrd Reconductor	-	-	-	319,120.06
374	Electric Transmission	OPIE Monument-Byrd Reconductor	-	-	-	(1,005,340.68)
375	Electric Transmission	OPIE Monument-Byrd Reconductor Total	-	-	-	(686,220.62)
376	Electric Transmission	OPIE N Loving-S Loving 115kV	46,840.26	-	46,840.26	2,762,709.56
377	Electric Transmission	OPIE N Loving-S Loving 115kV	9,505.00	-	9,505.00	(5,609.11)
378	Electric Transmission	OPIE N Loving-S Loving 115kV	39,082.63	-	39,082.63	1,048,754.51
379	Electric Transmission	OPIE N Loving-S Loving 115kV	74,630.60	-	74,630.60	4,632,831.74
380	Electric Transmission	OPIE N Loving-S Loving 115kV	11,889.68	-	11,889.68	46,875.40
381	Electric Transmission	OPIE N Loving-S Loving 115kV Total	181,948.17	-	181,948.17	8,485,562.10
382	Electric Transmission	OPIE Potash-Livingston Ridge Recond	-	-	-	32,913.03
383	Electric Transmission	OPIE Potash-Livingston Ridge Recond	-	-	-	(968.38)
384	Electric Transmission	OPIE Potash-Livingston Ridge Recond	19.72	-	19.72	233,393.19
385	Electric Transmission	OPIE Potash-Livingston Ridge Recond	-	-	-	186,703.30
386	Electric Transmission	OPIE Potash-Livingston Ridge Recond	-	-	-	16,147.80
387	Electric Transmission	OPIE Potash-Livingston Ridge Recond Total	19.72	-	19.72	468,188.94
388	Electric Transmission	OPIE Reconductor PCA-Quahada	-	-	-	3,294.04
389	Electric Transmission	OPIE Reconductor_PCA-Quahada Total	-	-	-	3,294.04
390	Electric Transmission	OPIE Roadrunner to Agave Ochoa 115 Lines	-	-	-	(311.32)
391	Electric Transmission	OPIE Roadrunner to Agave Ochoa 115 Lines	-	-	-	(843.48)
392	Electric Transmission	OPIE Roadrunner to Agave Ochoa 115 Lines	-	-	-	(54.21)
393	Electric Transmission	OPIE Roadrunner to Agave Ochoa 115 Lines Total	-	-	-	(1,209.01)
394	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	1,247,500.73	-	1,247,500.73	109,649,431.09

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(A)	(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Project Category
367	Electric Transmission	OPIE 3 W 39 Rebuild Total		LI
368	Electric Transmission	OPIE Hobbs-Kiowa 345kV PID 30637	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.	RE
369	Electric Transmission	OPIE Hobbs-Kiowa 345kV PID 30637		
370	Electric Transmission	OPIE Hobbs-Kiowa 345kV PID 30637		
371	Electric Transmission	OPIE Hobbs-Kiowa 345kV PID 30637		
372	Electric Transmission	OPIE Hobbs-Kiowa 345kV PID 30637 Total	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.	
373	Electric Transmission	OPIE Monument-Byrd Reconnector	This project rebuilt four miles of 115-kV line between Monument and Byrd substations. SPP issued SPS an NTC for this project.	RE
374	Electric Transmission	OPIE Monument-Byrd Reconnector		
375	Electric Transmission	OPIE Monument-Byrd Reconnector Total		
376	Electric Transmission	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.	RE
377	Electric Transmission	OPIE N Loving-S Loving 115kV		
378	Electric Transmission	OPIE N Loving-S Loving 115kV		
379	Electric Transmission	OPIE N Loving-S Loving 115kV		
380	Electric Transmission	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.	RE
381	Electric Transmission	OPIE N Loving-S Loving 115kV Total		
382	Electric Transmission	OPIE Potash-Livingston Ridge Recond	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.	RE
383	Electric Transmission	OPIE Potash-Livingston Ridge Recond		
384	Electric Transmission	OPIE Potash-Livingston Ridge Recond		
385	Electric Transmission	OPIE Potash-Livingston Ridge Recond		
386	Electric Transmission	OPIE Potash-Livingston Ridge Recond	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.	RE
387	Electric Transmission	OPIE Potash-Livingston Ridge Recond Total		
388	Electric Transmission	OPIE Reconnector PCA-Quahada	This project constructed a new 115-kV line from Roadrunner substation to Agave #2 (customer-owned substation). SPP issued SPS an NTC for this project.	RE
389	Electric Transmission	OPIE Reconnector PCA-Quahada Total		
390	Electric Transmission	OPIE Roadrunner to Agave Ochoa 115 Lines		
391	Electric Transmission	OPIE Roadrunner to Agave Ochoa 115 Lines	OPIE Roadrunner to Agave Ochoa 115 Lines Total	RE
392	Electric Transmission	OPIE Roadrunner to Agave Ochoa 115 Lines		
393	Electric Transmission	OPIE Roadrunner to Agave Ochoa 115 Lines Total		
394	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376		

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(A) Line No.	(B) Asset Class	(C) WBS Level 1 Project Group Name	(D) WBS Level 2 Number	(E) WBS Level 2 Description	(F) In-Service Date (year-month)	(G) Capital Additions (July 1, 2019 - December 31, 2020)
395	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	A.0000673.022	TUCO-Yoakum 345kV ROW UID 5044	201806	(65,098.01)
396	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	A.0000673.022	TUCO-Yoakum 345kV ROW UID 5044	201905	372,379.47
397	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	A.0000673.022	TUCO-Yoakum 345kV ROW UID 5044	202004	29,163.66
398	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	A.0000673.023	Yoakum-TX/NM Border 345kV Line	201905	348,517.54
399	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	A.0000673.025	TX/NM Border-Hobbs 345kV Line	201905	653,648.32
400	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	A.0000673.026	TX/NM Border-Hobbs 345kV ROW U	201704	28,805.69
401	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	A.0000673.027	TUCO 345kV Sub Reactor/Y Term	202010	5,870,663.46
402	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	A.0000673.029	Yoakum 345kV Sub Reactor/TUCO	202011	4,785,637.50
403	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	A.0000673.030	Yoakum 345kV Sub Reactor/Hobbs	201905	7,698.16
404	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	A.0000673.031	Yoakum Sub Xnfr 345kV/230KV UI	201905	811,713.37
405	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	A.0000673.033	Hobbs 345kV Sub Reactor/Yoakum	201905	61,747.65
406	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	A.0000673.039	Hobbs Sub 345kV Yoakum Reator	201905	64,535.01
407	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	A.0000673.040	Terry Co Sub Repeater	202005	576,184.39
408	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376 Total				124,442,528.03
409	Electric Transmission	Osage Re-termination Project	A.0000767.003	Osage Substation	201804	3,952.60
410	Electric Transmission	Osage Re-termination Project	A.0000767.008	East Plant Relay Sub	201711	2,718.31
411	Electric Transmission	Osage Re-termination Project Total				6,670.91
412	Electric Transmission	Physical Security	A.0000710.001	NM Physical Security Sub Infrastruc	201712	37,964.83
413	Electric Transmission	Physical Security	A.0000710.003	SPS Physical Security Sub Infrastru	201808	(66,698.57)
414	Electric Transmission	Physical Security	A.0000710.003	SPS Physical Security Sub Infrastru	201712	(28,393.59)
415	Electric Transmission	Physical Security	A.0000710.003	SPS Physical Security Sub Infrastru	201712	(98,778.07)
416	Electric Transmission	Physical Security	A.0000710.003	SPS Physical Security Sub Infrastru	201807	157,534.51
417	Electric Transmission	Physical Security	A.0000710.003	SPS Physical Security Sub Infrastru	201808	(42,178.24)
418	Electric Transmission	Physical Security	A.0000710.003	SPS Physical Security Sub Infrastru	201905	2,223.98
419	Electric Transmission	Physical Security	A.0000710.015	Potter Physical Security INFR TX	202011	2,239,398.72
420	Electric Transmission	Physical Security Total				2,201,073.57
421	Electric Transmission	Planview City Sub Removal	A.0000489.003	Install Capacitor Bank at Kiser Sub	201804	(5,393.64)

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(A) Line No.	Asset Class	(B) WBS Level 1 Project Group Name	(G) XES Charges (Included in Column F)	(H) Other Affiliate Charges (Included in Column F)	(I) Total Affiliate Charges (Included in Column F)	(J) Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)
395	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	108.82	-	108.82	(65,206.83)
396	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	11,982.31	-	11,982.31	360,397.16
397	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	65.21	-	65.21	29,098.45
398	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	12,095.06	-	12,095.06	336,422.48
399	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	47,126.37	-	47,126.37	606,521.95
400	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	3,088.31	-	3,088.31	25,717.38
401	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	28,557.93	-	28,557.93	5,842,105.53
402	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	35,419.65	-	35,419.65	4,750,217.85
403	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	27,366.34	-	27,366.34	(19,668.18)
404	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	8,763.85	-	8,763.85	802,949.52
405	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	-	-	-	61,747.65
406	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	7,653.43	-	7,653.43	56,881.58
407	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	85,027.85	-	85,027.85	491,156.54
408	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376	1,514,755.86	-	1,514,755.86	122,927,772.17
408		OPIE TUCO-Hobbs 345kV PID 30376 Total				
409	Electric Transmission	Osage Re-termination Project	-	-	-	3,952.60
410	Electric Transmission	Osage Re-termination Project	-	-	-	2,718.31
411	Electric Transmission	Osage Re-termination Project Total				6,670.91
412	Electric Transmission	Physical Security	-	-	-	37,964.83
413	Electric Transmission	Physical Security	-	-	-	(66,698.57)
414	Electric Transmission	Physical Security	-	-	-	(28,393.59)
415	Electric Transmission	Physical Security	-	-	-	(98,778.07)
416	Electric Transmission	Physical Security	1,035.41	-	1,035.41	156,499.10
417	Electric Transmission	Physical Security	852.64	-	852.64	(43,030.88)
418	Electric Transmission	Physical Security	19.37	-	19.37	2,204.61
419	Electric Transmission	Physical Security	4,281.71	-	4,281.71	2,235,117.01
420	Electric Transmission	Physical Security Total	6,189.13	-	6,189.13	2,194,884.44
421	Electric Transmission	Plainview City Sub Removal	-	-	-	(5,393.64)

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(A)	(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Project Category
395	Electric Transmission	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.	RE
396	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376		
397	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376		
398	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376		
399	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376		
400	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376		
401	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376		
402	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376		
403	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376		
404	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376		
405	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376		
406	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376		
407	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376		
408	Electric Transmission	OPIE TUCO-Hobbs 345kV PID 30376 Total		
409	Electric Transmission	Osage Re-termination Project	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.	RE
410	Electric Transmission	Osage Re-termination Project		
411	Electric Transmission	Osage Re-termination Project Total		
412	Electric Transmission	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.	OT
413	Electric Transmission	Physical Security		
414	Electric Transmission	Physical Security		
415	Electric Transmission	Physical Security		
416	Electric Transmission	Physical Security		
417	Electric Transmission	Physical Security		
418	Electric Transmission	Physical Security		
419	Electric Transmission	Physical Security		
420	Electric Transmission	Physical Security Total		
421	Electric Transmission	Plainview City Sub Removal		

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(A) Line No.	(B) Asset Class	(C) WBS Level 1 Project Group Name	(D) WBS Level 2 Number	(E) WBS Level 2 Description	(F) In-Service Date (year-month)	(G) Capital Additions (July 1, 2019 - December 31, 2020)
422	Electric Transmission	Plainview City Sub Removal Total				(5,393.64)
423	Electric Transmission	Plant X 115kV BFR	A.0000842.002	Hale Co Relay Upgrade for Plan	202004	512,417.82
424	Electric Transmission	Plant X 115kV BFR	A.0000842.004	Plant X Add BFR on All 115 kV	202002	6,886,112.47
425	Electric Transmission	Plant X 115kV BFR	A.0000842.006	Plant X-Lamton Carrier Equipment	202004	107,317.07
426	Electric Transmission	Plant X 115kV BFR	A.0000842.007	Plant X-Castro Carrier Equipment	202005	100,036.33
427	Electric Transmission	Plant X 115kV BFR	A.0000842.008	Plant X-Bailey Carrier Equipment	201912	109,000.18
428	Electric Transmission	Plant X 115kV BFR Total				7,714,883.87
429	Electric Transmission	Pole Treatment Program	A.0001485.002	Pole Treatment Program 69kV TX	Routine	68,881.30
430	Electric Transmission	Pole Treatment Program	A.0001485.003	Pole Treatment Program 115kV TX	Routine	48,783.16
431	Electric Transmission	Pole Treatment Program	A.0001485.004	Pole Treatment Program 230kV TX	Routine	154,919.53
432	Electric Transmission	Pole Treatment Program	A.0001485.005	Pole Treatment Program 115kV NM	Routine	961.76
433	Electric Transmission	Pole Treatment Program	A.0001485.006	Pole Treatment Program 345kV NM	Routine	90,204.31
434	Electric Transmission	Pole Treatment Program Total				363,750.06
435	Electric Transmission	Portales 115 kV Loop	A.0000463.001	Portales 115kV Loop Line	201802	12,550.82
436	Electric Transmission	Portales 115 kV Loop	A.0000463.008	South Portales-Market Street L	201807	622.57
437	Electric Transmission	Portales 115 kV Loop	A.0000463.011	Kilgore-South Portales ROW	202005	(23,342.21)
438	Electric Transmission	Portales 115 kV Loop	A.0000463.015	Market St.-South Portales ROW	201812	169.27
439	Electric Transmission	Portales 115 kV Loop	A.0000463.015	Market St.-South Portales ROW	201710	(230.02)
440	Electric Transmission	Portales 115 kV Loop Total				(10,229.57)
441	Electric Transmission	RB - Purnell Sub	A.0001061.008	Purnell Sub	201907	1,163,028.57
442	Electric Transmission	RB - Purnell Sub	A.0001061.009	XIT 115kV Sub TOIF	201905	8,961.92
443	Electric Transmission	RB - Purnell Sub Total				1,171,990.49
444	Electric Transmission	Roosevelt Cty 230 Brkr 1/2	A.0000519.001	Roosevelt County Substation	201806	41,794.27
445	Electric Transmission	Roosevelt Cty 230 Brkr 1/2 Total				41,794.27

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(A) Line No.	Asset Class	(B) WBS Level 1 Project Group Name	(G) XES Charges (Included in Column F)	(H) Other Affiliate Charges (Included in Column F)	(I) Total Affiliate Charges (Included in Column F)	(J) Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)
422	Electric Transmission	Plainview City Sub Removal Total	-	-	-	(5,393.64)
423	Electric Transmission	Plant X 115kV BFR	7,049.64	-	7,049.64	505,368.18
424	Electric Transmission	Plant X 115kV BFR	3,659.76	-	3,659.76	6,882,452.71
425	Electric Transmission	Plant X 115kV BFR	3,883.27	-	3,883.27	103,433.80
426	Electric Transmission	Plant X 115kV BFR	341.54	-	341.54	99,694.79
427	Electric Transmission	Plant X 115kV BFR	2,347.29	-	2,347.29	106,652.89
428	Electric Transmission	Plant X 115kV BFR Total	17,281.50	-	17,281.50	7,697,602.37
429	Electric Transmission	Pole Treatment Program	-	-	-	68,881.30
430	Electric Transmission	Pole Treatment Program	-	-	-	48,783.16
431	Electric Transmission	Pole Treatment Program	-	-	-	154,919.53
432	Electric Transmission	Pole Treatment Program	-	-	-	961.76
433	Electric Transmission	Pole Treatment Program	-	-	-	90,204.31
434	Electric Transmission	Pole Treatment Program Total	-	-	-	363,750.06
435	Electric Transmission	Portales 115 kV Loop	-	-	-	12,550.82
436	Electric Transmission	Portales 115 kV Loop	-	-	-	622.57
437	Electric Transmission	Portales 115 kV Loop	-	-	-	(23,342.21)
438	Electric Transmission	Portales 115 kV Loop	169.21	-	169.21	0.06
439	Electric Transmission	Portales 115 kV Loop	-	-	-	(230.02)
440	Electric Transmission	Portales 115 kV Loop Total	169.21	-	169.21	(10,398.78)
441	Electric Transmission	RB - Purnell Sub	2,918.71	-	2,918.71	1,160,109.86
442	Electric Transmission	RB - Purnell Sub	1,160.13	-	1,160.13	7,801.79
443	Electric Transmission	RB - Purnell Sub Total	4,078.84	-	4,078.84	1,167,911.65
444	Electric Transmission	Roosevelt City 230 Brkr 1/2	-	-	-	41,794.27
445	Electric Transmission	Roosevelt City 230 Brkr 1/2 Total	-	-	-	41,794.27

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Transmission Capital Additions
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(A)	(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Project Category
422	Electric Transmission	Plainview City Sub Removal Total		
423	Electric Transmission	Plant X 115kV BFR	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.	
424	Electric Transmission	Plant X 115kV BFR		
425	Electric Transmission	Plant X 115kV BFR		
426	Electric Transmission	Plant X 115kV BFR		
427	Electric Transmission	Plant X 115kV BFR		
428	Electric Transmission	Plant X 115kV BFR Total		RE
429	Electric Transmission	Pole Treatment Program	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.	
430	Electric Transmission	Pole Treatment Program		
431	Electric Transmission	Pole Treatment Program		
432	Electric Transmission	Pole Treatment Program		
433	Electric Transmission	Pole Treatment Program		
434	Electric Transmission	Pole Treatment Program Total		OT
435	Electric Transmission	Portales 115 kV Loop	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.	
436	Electric Transmission	Portales 115 kV Loop		
437	Electric Transmission	Portales 115 kV Loop		
438	Electric Transmission	Portales 115 kV Loop		
439	Electric Transmission	Portales 115 kV Loop		
440	Electric Transmission	Portales 115 kV Loop Total		RE
441	Electric Transmission	RB - Purnell Sub	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.	LI
442	Electric Transmission	RB - Purnell Sub		
443	Electric Transmission	RB - Purnell Sub Total		
444	Electric Transmission	Roosevelt City 230 Brkr 1/2	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.	RE
445	Electric Transmission	Roosevelt City 230 Brkr 1/2 Total		

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(A)	(B)	(C)	(D)	(E)	(F)
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 - December 31, 2020)
446	Electric Transmission	Roswell Loop	A.0000522.002	Price-Chaves 115 kV Line Line	(29,294.70)
447	Electric Transmission	Roswell Loop	A.0000522.004	Chaves-Price-Capitan 115 kV Ca	(559.31)
448	Electric Transmission	Roswell Loop	A.0000522.004	Chaves-Price-Capitan 115 kV Ca	299.80
449	Electric Transmission	Roswell Loop Total			(29,554.21)
450	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	(8,700.61)
451	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	(583.97)
452	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	4,354.38
453	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	(25.53)
454	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	9,098.98
455	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	(16,488.73)
456	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	3,530.96
457	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	212.85
458	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	12,640.43
459	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	41,951.67
460	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	(2.47)
461	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	15,255.72
462	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	23,574.08
463	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	1,164,488.31
464	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	100,345.94
465	Electric Transmission	S&E - SPS Line	A.0000303.007	SPS S&E B 230kV, Line	91,113.57
466	Electric Transmission	S&E - SPS Line	A.0000303.027	SPS 2019 S&E B 230KV Line	86,724.32
467	Electric Transmission	S&E - SPS Line	A.0000303.027	SPS 2019 S&E B 230KV Line	34,970.48
468	Electric Transmission	S&E - SPS Line	A.0000303.040	SPS S&E 69kV Line NM	886,272.77
469	Electric Transmission	S&E - SPS Line	A.0000303.040	SPS S&E 69kV Line NM	222,298.40
470	Electric Transmission	S&E - SPS Line	A.0000303.040	SPS S&E 69kV Line NM	5,693.69
471	Electric Transmission	S&E - SPS Line	A.0000303.040	SPS S&E 69kV Line NM	20,547.94
472	Electric Transmission	S&E - SPS Line	A.0000303.040	SPS S&E 69kV Line NM	(1,417.62)
473	Electric Transmission	S&E - SPS Line	A.0000303.041	SPS S&E 115kV Line NM	23,959.51
474	Electric Transmission	S&E - SPS Line	A.0000303.041	SPS S&E 115kV Line NM	55,472.31
475	Electric Transmission	S&E - SPS Line	A.0000303.041	SPS S&E 115kV Line NM	15,588.68
476	Electric Transmission	S&E - SPS Line	A.0000303.041	SPS S&E 115kV Line NM	14,676.84
477	Electric Transmission	S&E - SPS Line	A.0000303.041	SPS S&E 115kV Line NM	1,564,327.02
478	Electric Transmission	S&E - SPS Line	A.0000303.041	SPS S&E 115kV Line NM	216.98
479	Electric Transmission	S&E - SPS Line	A.0000303.041	SPS S&E 115kV Line NM	18,440.82
480	Electric Transmission	S&E - SPS Line	A.0000303.041	SPS S&E 115kV Line NM	23,004.82
481	Electric Transmission	S&E - SPS Line	A.0000303.041	SPS S&E 115kV Line NM	17,905.36
482	Electric Transmission	S&E - SPS Line	A.0000303.041	SPS S&E 115kV Line NM	3,096.79
483	Electric Transmission	S&E - SPS Line	A.0000303.042	SPS S&E 230kV Line NM	(112,120.81)
484	Electric Transmission	S&E - SPS Line	A.0000303.042	SPS S&E 230kV Line NM	24,028.15

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(A) Line No.	(B) Asset Class	(C) WBS Level 1 Project Group Name	(D) XES Charges (Included in Column F)	(E) Other Affiliate Charges (Included in Column F)	(F) Total Affiliate Charges (Included in Column F)	(G) Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)
446	Electric Transmission	Roswell Loop	-	-	-	(29,294.70)
447	Electric Transmission	Roswell Loop	-	-	-	(559.31)
448	Electric Transmission	Roswell Loop	-	-	-	299.80
449	Electric Transmission	Roswell Loop Total	-	-	-	(29,554.21)
450	Electric Transmission	S&E - SPS Line	-	-	-	(8,700.61)
451	Electric Transmission	S&E - SPS Line	-	-	-	(583.97)
452	Electric Transmission	S&E - SPS Line	-	-	-	4,354.38
453	Electric Transmission	S&E - SPS Line	-	-	-	(25.53)
454	Electric Transmission	S&E - SPS Line	-	-	-	9,098.98
455	Electric Transmission	S&E - SPS Line	3,088.19	-	3,088.19	(19,576.92)
456	Electric Transmission	S&E - SPS Line	-	-	-	3,530.96
457	Electric Transmission	S&E - SPS Line	-	-	-	212.85
458	Electric Transmission	S&E - SPS Line	-	-	-	12,640.43
459	Electric Transmission	S&E - SPS Line	-	-	-	41,951.67
460	Electric Transmission	S&E - SPS Line	-	-	-	(2.47)
461	Electric Transmission	S&E - SPS Line	-	-	-	15,255.72
462	Electric Transmission	S&E - SPS Line	-	-	-	23,574.08
463	Electric Transmission	S&E - SPS Line	3,410.55	-	3,410.55	1,161,077.76
464	Electric Transmission	S&E - SPS Line	599.09	-	599.09	99,746.85
465	Electric Transmission	S&E - SPS Line	-	-	-	91,113.57
466	Electric Transmission	S&E - SPS Line	-	-	-	86,724.32
467	Electric Transmission	S&E - SPS Line	-	-	-	34,970.48
468	Electric Transmission	S&E - SPS Line	4,897.84	-	4,897.84	881,374.93
469	Electric Transmission	S&E - SPS Line	317.63	-	317.63	221,980.77
470	Electric Transmission	S&E - SPS Line	198.77	-	198.77	5,494.92
471	Electric Transmission	S&E - SPS Line	-	-	-	20,547.94
472	Electric Transmission	S&E - SPS Line	-	-	-	(1,417.62)
473	Electric Transmission	S&E - SPS Line	-	-	-	23,959.51
474	Electric Transmission	S&E - SPS Line	436.96	-	436.96	55,035.35
475	Electric Transmission	S&E - SPS Line	545.68	-	545.68	15,043.00
476	Electric Transmission	S&E - SPS Line	-	-	-	14,676.84
477	Electric Transmission	S&E - SPS Line	-	-	-	1,564,327.02
478	Electric Transmission	S&E - SPS Line	-	-	-	216.98
479	Electric Transmission	S&E - SPS Line	-	-	-	18,440.82
480	Electric Transmission	S&E - SPS Line	-	-	-	23,004.82
481	Electric Transmission	S&E - SPS Line	-	-	-	17,905.36
482	Electric Transmission	S&E - SPS Line	-	-	-	3,096.79
483	Electric Transmission	S&E - SPS Line	-	-	-	(112,120.81)
484	Electric Transmission	S&E - SPS Line	-	-	-	24,028.15

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(A)	(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Project Category
446	Electric Transmission	Roswell Loop	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.	RE
447	Electric Transmission	Roswell Loop		
448	Electric Transmission	Roswell Loop		
449	Electric Transmission	Roswell Loop Total		
450	Electric Transmission	S&E - SPS Line		
451	Electric Transmission	S&E - SPS Line		
452	Electric Transmission	S&E - SPS Line		
453	Electric Transmission	S&E - SPS Line		
454	Electric Transmission	S&E - SPS Line		
455	Electric Transmission	S&E - SPS Line		
456	Electric Transmission	S&E - SPS Line		
457	Electric Transmission	S&E - SPS Line		
458	Electric Transmission	S&E - SPS Line		
459	Electric Transmission	S&E - SPS Line		
460	Electric Transmission	S&E - SPS Line		
461	Electric Transmission	S&E - SPS Line		
462	Electric Transmission	S&E - SPS Line		
463	Electric Transmission	S&E - SPS Line		
464	Electric Transmission	S&E - SPS Line		
465	Electric Transmission	S&E - SPS Line		
466	Electric Transmission	S&E - SPS Line		
467	Electric Transmission	S&E - SPS Line		
468	Electric Transmission	S&E - SPS Line		
469	Electric Transmission	S&E - SPS Line		
470	Electric Transmission	S&E - SPS Line		
471	Electric Transmission	S&E - SPS Line		
472	Electric Transmission	S&E - SPS Line		
473	Electric Transmission	S&E - SPS Line		
474	Electric Transmission	S&E - SPS Line		
475	Electric Transmission	S&E - SPS Line		
476	Electric Transmission	S&E - SPS Line		
477	Electric Transmission	S&E - SPS Line		
478	Electric Transmission	S&E - SPS Line		
479	Electric Transmission	S&E - SPS Line		
480	Electric Transmission	S&E - SPS Line		
481	Electric Transmission	S&E - SPS Line		
482	Electric Transmission	S&E - SPS Line		
483	Electric Transmission	S&E - SPS Line		
484	Electric Transmission	S&E - SPS Line		

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(A) Line No.	(B) Asset Class	(C) WBS Level 1 Project Group Name	(D) WBS Level 2 Number	(E) WBS Level 2 Description	(F) In-Service Date (year-month)	(G) Capital Additions (July 1, 2019 - December 31, 2020)
485	Electric Transmission	S&E - SPS Line	A.0000303.042	SPS S&E 230kV Line NM	202011	5,089.41
486	Electric Transmission	S&E - SPS Line	A.0000303.043	SPS S&E 345kV Line NM	201906	(29,753.30)
487	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201807	6,416.76
488	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201809	721.92
489	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201906	46,986.92
490	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202009	7,763.44
491	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202007	74,943.08
492	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201908	29,741.36
493	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202009	12,558.85
494	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202004	18,887.91
495	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201907	19,842.98
496	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201906	107.37
497	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202008	4,107.93
498	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201912	26,906.12
499	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201906	(1,518.62)
500	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201912	6,203.81
501	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201906	0.02
502	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202008	12,905.17
503	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201909	41,213.30
504	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201908	35,517.31
505	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201906	(802.56)
506	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	201906	14,357.95
507	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202010	12,993.99
508	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202010	7,233.50
509	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202010	35,530.16
510	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202010	20,248.46
511	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202010	19,238.43
512	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202010	121,564.55
513	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202010	9,226.52
514	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202010	6,651.94
515	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202011	14,651.22
516	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202011	409,672.81
517	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202012	7,679.94
518	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202011	13,527.33
519	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202011	5,979.60
520	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202011	699,015.32
521	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202011	4,879.62
522	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202011	13,185.65
523	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202011	3,998.04
524	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202011	3,062.58
525	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202011	31,512.10
526	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202011	22,067.96

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(A) Line No.	(B) Asset Class	(C) WBS Level 1 Project Group Name	(D) XES Charges (Included in Column F)	(E) Other Affiliate Charges (Included in Column F)	(F) Total Affiliate Charges (Included in Column F)	(G) Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)
485	Electric Transmission	S&E - SPS Line	-	-	-	5,089.41
486	Electric Transmission	S&E - SPS Line	863.20	33.60	896.80	(30,650.10)
487	Electric Transmission	S&E - SPS Line	-	-	-	6,416.76
488	Electric Transmission	S&E - SPS Line	-	-	-	721.92
489	Electric Transmission	S&E - SPS Line	-	-	-	46,986.92
490	Electric Transmission	S&E - SPS Line	-	-	-	7,763.44
491	Electric Transmission	S&E - SPS Line	-	-	-	74,943.08
492	Electric Transmission	S&E - SPS Line	251.83	-	251.83	29,489.53
493	Electric Transmission	S&E - SPS Line	-	-	-	12,558.85
494	Electric Transmission	S&E - SPS Line	-	-	-	18,887.91
495	Electric Transmission	S&E - SPS Line	-	-	-	19,842.98
496	Electric Transmission	S&E - SPS Line	-	-	-	107.37
497	Electric Transmission	S&E - SPS Line	-	-	-	4,107.93
498	Electric Transmission	S&E - SPS Line	-	-	-	26,906.12
499	Electric Transmission	S&E - SPS Line	-	-	-	(1,518.62)
500	Electric Transmission	S&E - SPS Line	267.32	-	267.32	5,936.49
501	Electric Transmission	S&E - SPS Line	-	-	-	0.02
502	Electric Transmission	S&E - SPS Line	-	-	-	12,905.17
503	Electric Transmission	S&E - SPS Line	-	-	-	41,213.30
504	Electric Transmission	S&E - SPS Line	251.83	-	251.83	35,265.48
505	Electric Transmission	S&E - SPS Line	-	-	-	(802.56)
506	Electric Transmission	S&E - SPS Line	-	-	-	14,357.95
507	Electric Transmission	S&E - SPS Line	-	-	-	12,993.99
508	Electric Transmission	S&E - SPS Line	-	-	-	7,233.50
509	Electric Transmission	S&E - SPS Line	181.77	-	181.77	35,348.39
510	Electric Transmission	S&E - SPS Line	-	-	-	20,248.46
511	Electric Transmission	S&E - SPS Line	-	-	-	19,238.43
512	Electric Transmission	S&E - SPS Line	-	-	-	121,564.55
513	Electric Transmission	S&E - SPS Line	-	-	-	9,226.52
514	Electric Transmission	S&E - SPS Line	-	-	-	6,651.94
515	Electric Transmission	S&E - SPS Line	-	-	-	14,651.22
516	Electric Transmission	S&E - SPS Line	1,011.59	-	1,011.59	408,661.22
517	Electric Transmission	S&E - SPS Line	-	-	-	7,679.94
518	Electric Transmission	S&E - SPS Line	-	-	-	13,527.33
519	Electric Transmission	S&E - SPS Line	-	-	-	5,979.60
520	Electric Transmission	S&E - SPS Line	1,814.80	-	1,814.80	697,200.52
521	Electric Transmission	S&E - SPS Line	-	-	-	4,879.62
522	Electric Transmission	S&E - SPS Line	-	-	-	13,185.65
523	Electric Transmission	S&E - SPS Line	-	-	-	3,998.04
524	Electric Transmission	S&E - SPS Line	-	-	-	3,062.58
525	Electric Transmission	S&E - SPS Line	-	-	-	31,512.10
526	Electric Transmission	S&E - SPS Line	-	-	-	22,067.96

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(A) Line No.	(B) Asset Class	(K) WBS Level 1 Project Group Name	(L) WBS Level 1 Project Group Description	(M) Cost Recovery Method	(N) Project Category
485	Electric Transmission	S&E - SPS Line			
486	Electric Transmission	S&E - SPS Line			
487	Electric Transmission	S&E - SPS Line			
488	Electric Transmission	S&E - SPS Line			
489	Electric Transmission	S&E - SPS Line			
490	Electric Transmission	S&E - SPS Line			
491	Electric Transmission	S&E - SPS Line			
492	Electric Transmission	S&E - SPS Line			
493	Electric Transmission	S&E - SPS Line			
494	Electric Transmission	S&E - SPS Line			
495	Electric Transmission	S&E - SPS Line			
496	Electric Transmission	S&E - SPS Line			
497	Electric Transmission	S&E - SPS Line			
498	Electric Transmission	S&E - SPS Line			
499	Electric Transmission	S&E - SPS Line			
500	Electric Transmission	S&E - SPS Line			
501	Electric Transmission	S&E - SPS Line			
502	Electric Transmission	S&E - SPS Line			
503	Electric Transmission	S&E - SPS Line			
504	Electric Transmission	S&E - SPS Line			
505	Electric Transmission	S&E - SPS Line			
506	Electric Transmission	S&E - SPS Line			
507	Electric Transmission	S&E - SPS Line			
508	Electric Transmission	S&E - SPS Line			
509	Electric Transmission	S&E - SPS Line			
510	Electric Transmission	S&E - SPS Line			
511	Electric Transmission	S&E - SPS Line			
512	Electric Transmission	S&E - SPS Line			
513	Electric Transmission	S&E - SPS Line			
514	Electric Transmission	S&E - SPS Line			
515	Electric Transmission	S&E - SPS Line			
516	Electric Transmission	S&E - SPS Line			
517	Electric Transmission	S&E - SPS Line			
518	Electric Transmission	S&E - SPS Line			
519	Electric Transmission	S&E - SPS Line			
520	Electric Transmission	S&E - SPS Line			
521	Electric Transmission	S&E - SPS Line			
522	Electric Transmission	S&E - SPS Line			
523	Electric Transmission	S&E - SPS Line			
524	Electric Transmission	S&E - SPS Line			
525	Electric Transmission	S&E - SPS Line			
526	Electric Transmission	S&E - SPS Line			

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(A)	(B)	(C)	(D)	(E)	(F)
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 - December 31, 2020)
527	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202011 29,386.90
528	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202011 5,717.97
529	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202011 21,409.44
530	Electric Transmission	S&E - SPS Line	A.0000303.044	SPS S&E 69kV Line TX	202011 2,989.13
531	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201805 15,279.47
532	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201808 1,549.58
533	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201906 (55.41)
534	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201906 (175.41)
535	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201906 1,062.00
536	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201911 55,902.92
537	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201906 0.02
538	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201912 8,350.32
539	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201909 43,736.48
540	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201906 (1,719.70)
541	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201912 1,297,247.64
542	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	202008 7,707.97
543	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201905 1,361.84
544	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201909 14,838.93
545	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	202008 8,846.83
546	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201911 45,339.86
547	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201911 32,591.90
548	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201911 11,932.44
549	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201911 15,031.91
550	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201911 18,591.66
551	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	201912 17,988.38
552	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	202010 26,032.73
553	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	202010 22,273.62
554	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	202010 263,235.83
555	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	202011 9,348.72
556	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	202012 2,975.67
557	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	202011 594.39
558	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	202012 (0.04)
559	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	202012 22,273.52
560	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	202012 11,510.44
561	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	202012 49.02
562	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	202011 103,365.06
563	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	202011 1,992.22
564	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	202012 24,839.74
565	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	202011 6,400.81
566	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	202011 35,716.99
567	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	202011 8,813.11
568	Electric Transmission	S&E - SPS Line	A.0000303.045	SPS S&E 115kV Line TX	202012 10,739.07

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(A) Line No.	Asset Class	(B) WBS Level 1 Project Group Name	(G) XES Charges (Included in Column F)	(H) Other Affiliate Charges (Included in Column F)	(I) Total Affiliate Charges (Included in Column F)	(J) Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)
527	Electric Transmission	S&E - SPS Line	-	-	-	29,386.90
528	Electric Transmission	S&E - SPS Line	-	-	-	5,717.97
529	Electric Transmission	S&E - SPS Line	-	-	-	21,409.44
530	Electric Transmission	S&E - SPS Line	-	-	-	2,989.13
531	Electric Transmission	S&E - SPS Line	-	-	-	15,279.47
532	Electric Transmission	S&E - SPS Line	-	-	-	1,549.58
533	Electric Transmission	S&E - SPS Line	-	-	-	(55.41)
534	Electric Transmission	S&E - SPS Line	-	-	-	(175.41)
535	Electric Transmission	S&E - SPS Line	-	-	-	1,062.00
536	Electric Transmission	S&E - SPS Line	-	-	-	55,902.92
537	Electric Transmission	S&E - SPS Line	-	-	-	0.02
538	Electric Transmission	S&E - SPS Line	-	-	-	8,350.32
539	Electric Transmission	S&E - SPS Line	-	-	-	43,736.48
540	Electric Transmission	S&E - SPS Line	-	-	-	(1,719.70)
541	Electric Transmission	S&E - SPS Line	-	-	-	1,297,247.64
542	Electric Transmission	S&E - SPS Line	-	-	-	7,707.97
543	Electric Transmission	S&E - SPS Line	-	-	-	1,361.84
544	Electric Transmission	S&E - SPS Line	-	94.66	94.66	14,744.27
545	Electric Transmission	S&E - SPS Line	-	-	-	8,846.83
546	Electric Transmission	S&E - SPS Line	-	-	-	45,339.86
547	Electric Transmission	S&E - SPS Line	1,055.57	-	1,055.57	31,536.33
548	Electric Transmission	S&E - SPS Line	-	-	-	11,932.44
549	Electric Transmission	S&E - SPS Line	-	-	-	15,031.91
550	Electric Transmission	S&E - SPS Line	-	-	-	18,591.66
551	Electric Transmission	S&E - SPS Line	-	-	-	17,988.38
552	Electric Transmission	S&E - SPS Line	-	-	-	26,032.73
553	Electric Transmission	S&E - SPS Line	-	-	-	22,273.62
554	Electric Transmission	S&E - SPS Line	-	-	-	263,235.83
555	Electric Transmission	S&E - SPS Line	-	-	-	9,348.72
556	Electric Transmission	S&E - SPS Line	-	-	-	2,975.67
557	Electric Transmission	S&E - SPS Line	-	-	-	594.39
558	Electric Transmission	S&E - SPS Line	-	-	-	(0.04)
559	Electric Transmission	S&E - SPS Line	2,020.53	-	2,020.53	20,252.99
560	Electric Transmission	S&E - SPS Line	1,981.11	-	1,981.11	9,529.33
561	Electric Transmission	S&E - SPS Line	-	-	-	49.02
562	Electric Transmission	S&E - SPS Line	358.73	-	358.73	103,006.33
563	Electric Transmission	S&E - SPS Line	-	-	-	1,992.22
564	Electric Transmission	S&E - SPS Line	-	-	-	24,839.74
565	Electric Transmission	S&E - SPS Line	-	-	-	6,400.81
566	Electric Transmission	S&E - SPS Line	-	-	-	35,716.99
567	Electric Transmission	S&E - SPS Line	-	-	-	8,813.11
568	Electric Transmission	S&E - SPS Line	-	-	-	10,739.07

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(A) Line No.	(B) Asset Class	(K) WBS Level 1 Project Group Name	(L) WBS Level 1 Project Group Description	(M) Cost Recovery Method	(N) Project Category
527	Electric Transmission	S&E - SPS Line			
528	Electric Transmission	S&E - SPS Line			
529	Electric Transmission	S&E - SPS Line			
530	Electric Transmission	S&E - SPS Line			
531	Electric Transmission	S&E - SPS Line			
532	Electric Transmission	S&E - SPS Line			
533	Electric Transmission	S&E - SPS Line			
534	Electric Transmission	S&E - SPS Line			
535	Electric Transmission	S&E - SPS Line			
536	Electric Transmission	S&E - SPS Line			
537	Electric Transmission	S&E - SPS Line			
538	Electric Transmission	S&E - SPS Line			
539	Electric Transmission	S&E - SPS Line			
540	Electric Transmission	S&E - SPS Line			
541	Electric Transmission	S&E - SPS Line			
542	Electric Transmission	S&E - SPS Line			
543	Electric Transmission	S&E - SPS Line			
544	Electric Transmission	S&E - SPS Line			
545	Electric Transmission	S&E - SPS Line			
546	Electric Transmission	S&E - SPS Line			
547	Electric Transmission	S&E - SPS Line			
548	Electric Transmission	S&E - SPS Line			
549	Electric Transmission	S&E - SPS Line			
550	Electric Transmission	S&E - SPS Line			
551	Electric Transmission	S&E - SPS Line			
552	Electric Transmission	S&E - SPS Line			
553	Electric Transmission	S&E - SPS Line			
554	Electric Transmission	S&E - SPS Line			
555	Electric Transmission	S&E - SPS Line			
556	Electric Transmission	S&E - SPS Line			
557	Electric Transmission	S&E - SPS Line			
558	Electric Transmission	S&E - SPS Line			
559	Electric Transmission	S&E - SPS Line			
560	Electric Transmission	S&E - SPS Line			
561	Electric Transmission	S&E - SPS Line			
562	Electric Transmission	S&E - SPS Line			
563	Electric Transmission	S&E - SPS Line			
564	Electric Transmission	S&E - SPS Line			
565	Electric Transmission	S&E - SPS Line			
566	Electric Transmission	S&E - SPS Line			
567	Electric Transmission	S&E - SPS Line			
568	Electric Transmission	S&E - SPS Line			

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(A)	(B)	(C)	(D)	(E)	(F)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Capital Additions (July 1, 2019 - December 31, 2020)
569	Electric Transmission	S&E - SPS Line	A.0000303.046	SPS S&E 345kV Line TX	90,488.03
570	Electric Transmission	S&E - SPS Line	A.0000303.046	SPS S&E 345kV Line TX	(1,317.34)
571	Electric Transmission	S&E - SPS Line	A.0000303.046	SPS S&E 345kV Line TX	204,184.15
572	Electric Transmission	S&E - SPS Line	A.0000303.046	SPS S&E 345kV Line TX	114,274.57
573	Electric Transmission	S&E - SPS Line	A.0000303.046	SPS S&E 345kV Line TX	18,410.34
574	Electric Transmission	S&E - SPS Line	A.0000303.046	SPS S&E 345kV Line TX	1,141.54
575	Electric Transmission	S&E - SPS Line	A.0000303.046	SPS S&E 345kV Line TX	1,788,606.46
576	Electric Transmission	S&E - SPS Line	A.0000303.046	SPS S&E 345kV Line TX	13,995.01
577	Electric Transmission	S&E - SPS Line	A.0000303.047	SPS S&E 115kV Line OK	(1,526.84)
578	Electric Transmission	S&E - SPS Line	A.0000303.047	SPS S&E 115kV Line OK	(1,633.69)
579	Electric Transmission	S&E - SPS Line	A.0000303.047	SPS S&E 115kV Line OK	26,558.38
580	Electric Transmission	S&E - SPS Line	A.0000303.047	SPS S&E 115kV Line OK	26,688.95
581	Electric Transmission	S&E - SPS Line	A.0000303.050	SPS S&E 345kV Line KS	398,211.21
582	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	57,344.91
583	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	48,628.39
584	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	5,519.61
585	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	60,057.91
586	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	26,377.85
587	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	95,103.65
588	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	59,929.22
589	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	133,899.24
590	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	7,897.34
591	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	48,193.73
592	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	13,292.79
593	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	7,380.00
594	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	24,436.26
595	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	20,577.37
596	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	19,443.02
597	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	(1,042.95)
598	Electric Transmission	S&E - SPS Line	A.0000303.053	SPS Priority Defects 69kV Line TX	94,091.30
599	Electric Transmission	S&E - SPS Line	A.0000303.055	SPS Priority Defects 69kV Line NM	85,191.95
600	Electric Transmission	S&E - SPS Line	A.0000303.055	SPS Priority Defects 69kV Line NM	68,093.46
601	Electric Transmission	S&E - SPS Line	A.0000303.055	SPS Priority Defects 69kV Line NM	5,272.27
602	Electric Transmission	S&E - SPS Line	A.0000303.055	SPS Priority Defects 69kV Line NM	7,035.22
603	Electric Transmission	S&E - SPS Line	A.0000303.055	SPS Priority Defects 69kV Line NM	70,890.70
604	Electric Transmission	S&E - SPS Line	A.0000303.056	SPS Priority Defects 115kV Line NM	168,393.14
605	Electric Transmission	S&E - SPS Line	A.0000303.056	SPS Priority Defects 115kV Line NM	34,756.31
606	Electric Transmission	S&E - SPS Line	A.0000303.056	SPS Priority Defects 115kV Line NM	125,354.94
607	Electric Transmission	S&E - SPS Line	A.0000303.056	SPS Priority Defects 115kV Line NM	10,131.72
608	Electric Transmission	S&E - SPS Line	A.0000303.056	SPS Priority Defects 115kV Line NM	37,034.94
609	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	1,208.36
610	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	61,131.07

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(A) Line No.	Asset Class	(B) WBS Level 1 Project Group Name	(G) XES Charges (Included in Column F)	(H) Other Affiliate Charges (Included in Column F)	(I) Total Affiliate Charges (Included in Column F)	(J) Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)
569	Electric Transmission	S&E - SPS Line	-	-	-	90,488.03
570	Electric Transmission	S&E - SPS Line	-	-	-	(1,317.34)
571	Electric Transmission	S&E - SPS Line	4,372.21	-	4,372.21	199,811.94
572	Electric Transmission	S&E - SPS Line	-	-	-	114,274.57
573	Electric Transmission	S&E - SPS Line	-	-	-	18,410.34
574	Electric Transmission	S&E - SPS Line	-	-	-	1,141.54
575	Electric Transmission	S&E - SPS Line	-	-	-	1,773,696.87
576	Electric Transmission	S&E - SPS Line	14,909.59	-	14,909.59	13,995.01
577	Electric Transmission	S&E - SPS Line	-	-	-	(1,526.84)
578	Electric Transmission	S&E - SPS Line	-	-	-	(1,633.69)
579	Electric Transmission	S&E - SPS Line	-	-	-	26,558.38
580	Electric Transmission	S&E - SPS Line	-	-	-	26,688.95
581	Electric Transmission	S&E - SPS Line	-	-	-	391,433.50
582	Electric Transmission	S&E - SPS Line	6,777.71	-	6,777.71	57,328.05
583	Electric Transmission	S&E - SPS Line	16.86	-	16.86	48,613.63
584	Electric Transmission	S&E - SPS Line	14.76	-	14.76	5,519.61
585	Electric Transmission	S&E - SPS Line	-	-	-	60,039.19
586	Electric Transmission	S&E - SPS Line	18.72	-	18.72	26,363.09
587	Electric Transmission	S&E - SPS Line	14.76	-	14.76	95,088.89
588	Electric Transmission	S&E - SPS Line	18.72	-	18.72	59,910.50
589	Electric Transmission	S&E - SPS Line	200.94	-	200.94	133,698.30
590	Electric Transmission	S&E - SPS Line	18.82	-	18.82	7,878.52
591	Electric Transmission	S&E - SPS Line	18.72	-	18.72	48,175.01
592	Electric Transmission	S&E - SPS Line	-	-	-	13,292.79
593	Electric Transmission	S&E - SPS Line	-	-	-	7,380.00
594	Electric Transmission	S&E - SPS Line	-	-	-	24,436.26
595	Electric Transmission	S&E - SPS Line	-	-	-	20,577.37
596	Electric Transmission	S&E - SPS Line	-	-	-	19,443.02
597	Electric Transmission	S&E - SPS Line	16.86	-	16.86	(1,059.81)
598	Electric Transmission	S&E - SPS Line	-	-	-	94,091.30
599	Electric Transmission	S&E - SPS Line	-	-	-	85,191.95
600	Electric Transmission	S&E - SPS Line	-	-	-	68,093.46
601	Electric Transmission	S&E - SPS Line	-	-	-	5,272.27
602	Electric Transmission	S&E - SPS Line	-	-	-	7,035.22
603	Electric Transmission	S&E - SPS Line	18.92	-	18.92	70,871.78
604	Electric Transmission	S&E - SPS Line	-	-	-	168,393.14
605	Electric Transmission	S&E - SPS Line	18.92	-	18.92	34,737.39
606	Electric Transmission	S&E - SPS Line	-	-	-	125,354.94
607	Electric Transmission	S&E - SPS Line	-	-	-	10,131.72
608	Electric Transmission	S&E - SPS Line	-	-	-	37,034.94
609	Electric Transmission	S&E - SPS Line	-	-	-	1,208.36
610	Electric Transmission	S&E - SPS Line	-	-	-	61,131.07

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(A) Line No.	(B) Asset Class	(K) WBS Level 1 Project Group Name	(L) WBS Level 1 Project Group Description	(M) Cost Recovery Method	(N) Project Category
569	Electric Transmission	S&E - SPS Line			
570	Electric Transmission	S&E - SPS Line			
571	Electric Transmission	S&E - SPS Line			
572	Electric Transmission	S&E - SPS Line			
573	Electric Transmission	S&E - SPS Line			
574	Electric Transmission	S&E - SPS Line			
575	Electric Transmission	S&E - SPS Line			
576	Electric Transmission	S&E - SPS Line			
577	Electric Transmission	S&E - SPS Line			
578	Electric Transmission	S&E - SPS Line			
579	Electric Transmission	S&E - SPS Line			
580	Electric Transmission	S&E - SPS Line			
581	Electric Transmission	S&E - SPS Line			
582	Electric Transmission	S&E - SPS Line			
583	Electric Transmission	S&E - SPS Line			
584	Electric Transmission	S&E - SPS Line			
585	Electric Transmission	S&E - SPS Line			
586	Electric Transmission	S&E - SPS Line			
587	Electric Transmission	S&E - SPS Line			
588	Electric Transmission	S&E - SPS Line			
589	Electric Transmission	S&E - SPS Line			
590	Electric Transmission	S&E - SPS Line			
591	Electric Transmission	S&E - SPS Line			
592	Electric Transmission	S&E - SPS Line			
593	Electric Transmission	S&E - SPS Line			
594	Electric Transmission	S&E - SPS Line			
595	Electric Transmission	S&E - SPS Line			
596	Electric Transmission	S&E - SPS Line			
597	Electric Transmission	S&E - SPS Line			
598	Electric Transmission	S&E - SPS Line			
599	Electric Transmission	S&E - SPS Line			
600	Electric Transmission	S&E - SPS Line			
601	Electric Transmission	S&E - SPS Line			
602	Electric Transmission	S&E - SPS Line			
603	Electric Transmission	S&E - SPS Line			
604	Electric Transmission	S&E - SPS Line			
605	Electric Transmission	S&E - SPS Line			
606	Electric Transmission	S&E - SPS Line			
607	Electric Transmission	S&E - SPS Line			
608	Electric Transmission	S&E - SPS Line			
609	Electric Transmission	S&E - SPS Line			
610	Electric Transmission	S&E - SPS Line			

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(A)	(B)	(C)	(D)	(E)	(F)
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 - December 31, 2020)
611	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	43,492.99
612	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	2,622.06
613	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	49,953.68
614	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	10,735.80
615	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	12,137.48
616	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	8,280.46
617	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	73.90
618	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	1,537.68
619	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	11,491.85
620	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	122,685.28
621	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	11,021.54
622	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	31,197.18
623	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	65,959.12
624	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	58,880.11
625	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	128,280.54
626	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	4,530.39
627	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	37,745.39
628	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	5,720.84
629	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	26,711.51
630	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	11,625.45
631	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	6,644.68
632	Electric Transmission	S&E - SPS Line	A.0000303.057	SPS Priority Defects 115kV Line TX	104.34
633	Electric Transmission	S&E - SPS Line	A.0000303.058	SPS Priority Defects 230kV Line NM	279,876.09
634	Electric Transmission	S&E - SPS Line	A.0000303.058	SPS Priority Defects 230kV Line NM	29,828.24
635	Electric Transmission	S&E - SPS Line	A.0000303.059	SPS Priority Defects 230kV Line TX	79,895.92
636	Electric Transmission	S&E - SPS Line	A.0000303.059	SPS Priority Defects 230kV Line TX	66,816.49
637	Electric Transmission	S&E - SPS Line	A.0000303.059	SPS Priority Defects 230kV Line TX	137,473.38
638	Electric Transmission	S&E - SPS Line	A.0000303.059	SPS Priority Defects 230kV Line TX	48,605.88
639	Electric Transmission	S&E - SPS Line	A.0000303.061	345 kV Emergency H Frame Structures	199,247.89
640	Electric Transmission	S&E - SPS Line	A.0000303.062	V04 Structure Replacement	1,096,784.92
641	Electric Transmission	S&E - SPS Line	A.0000303.063	V04 Structure Replacement ROW	141,265.55
642	Electric Transmission	S&E - SPS Line	A.0000303.064	T53 PPR Schild pole Replacement	1,431,163.66
643	Electric Transmission	S&E - SPS Line	A.0000303.065	W24 Str Rpl PPR	710,259.52
644	Electric Transmission	S&E - SPS Line	A.0000303.067	K90 Str Rpl PPR	739,272.39
645	Electric Transmission	S&E - SPS Line	A.0000303.068	T31 Str Rpl PPR	984,884.01
646	Electric Transmission	S&E - SPS Line	A.0000303.069	W07 Str Rpl PPR	121,913.90
647	Electric Transmission	S&E - SPS Line	A.0000303.070	T42 Str Rpl PPR	614,877.17
648	Electric Transmission	S&E - SPS Line	A.0000303.071	T60 Str Rpl PPR	466,722.61
649	Electric Transmission	S&E - SPS Line	A.0000303.073	Z76 Str Rpl PPR	72,425.88
650	Electric Transmission	S&E - SPS Line	A.0000303.075	U04 Str Rpl PPR	63,194.26
651	Electric Transmission	S&E - SPS Line	A.0000303.076	W38 Str Rpl PPR	253,390.06
652	Electric Transmission	S&E - SPS Line	A.0000303.079	W35 Str Rpl PPR	122,879.57

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(A) Line No.	(B) Asset Class	(C) WBS Level 1 Project Group Name	(D) XES Charges (Included in Column F)	(E) Other Affiliate Charges (Included in Column F)	(F) Total Affiliate Charges (Included in Column F)	(G) Total Native Charges (Column F less 1) Within the Total Additions to Plant-in-Service Shown in Column (F)
611	Electric Transmission	S&E - SPS Line	-	-	-	43,492.99
612	Electric Transmission	S&E - SPS Line	-	-	-	2,622.06
613	Electric Transmission	S&E - SPS Line	16.86	-	16.86	49,936.82
614	Electric Transmission	S&E - SPS Line	-	-	-	10,735.80
615	Electric Transmission	S&E - SPS Line	-	-	-	12,137.48
616	Electric Transmission	S&E - SPS Line	-	-	-	8,280.46
617	Electric Transmission	S&E - SPS Line	-	-	-	73.90
618	Electric Transmission	S&E - SPS Line	-	-	-	1,537.68
619	Electric Transmission	S&E - SPS Line	-	-	-	11,491.85
620	Electric Transmission	S&E - SPS Line	18.72	-	18.72	122,666.56
621	Electric Transmission	S&E - SPS Line	-	-	-	11,021.54
622	Electric Transmission	S&E - SPS Line	-	-	-	31,197.18
623	Electric Transmission	S&E - SPS Line	-	-	-	65,959.12
624	Electric Transmission	S&E - SPS Line	-	-	-	58,880.11
625	Electric Transmission	S&E - SPS Line	-	-	-	128,280.54
626	Electric Transmission	S&E - SPS Line	-	-	-	4,530.39
627	Electric Transmission	S&E - SPS Line	16.86	-	16.86	37,728.53
628	Electric Transmission	S&E - SPS Line	-	-	-	5,720.84
629	Electric Transmission	S&E - SPS Line	-	-	-	26,711.51
630	Electric Transmission	S&E - SPS Line	18.72	-	18.72	11,606.73
631	Electric Transmission	S&E - SPS Line	-	-	-	6,644.68
632	Electric Transmission	S&E - SPS Line	-	-	-	104.34
633	Electric Transmission	S&E - SPS Line	-	-	-	279,876.09
634	Electric Transmission	S&E - SPS Line	-	-	-	29,828.24
635	Electric Transmission	S&E - SPS Line	-	-	-	79,895.92
636	Electric Transmission	S&E - SPS Line	-	-	-	66,816.49
637	Electric Transmission	S&E - SPS Line	-	-	-	137,473.38
638	Electric Transmission	S&E - SPS Line	-	-	-	48,605.88
639	Electric Transmission	S&E - SPS Line	-	-	-	199,247.89
640	Electric Transmission	S&E - SPS Line	111,089.95	-	111,089.95	985,694.97
641	Electric Transmission	S&E - SPS Line	9,458.75	-	9,458.75	131,806.80
642	Electric Transmission	S&E - SPS Line	-	-	-	1,431,163.66
643	Electric Transmission	S&E - SPS Line	224.69	-	224.69	710,034.83
644	Electric Transmission	S&E - SPS Line	2,992.55	-	2,992.55	736,279.84
645	Electric Transmission	S&E - SPS Line	70.44	-	70.44	984,813.57
646	Electric Transmission	S&E - SPS Line	202.68	-	202.68	121,711.22
647	Electric Transmission	S&E - SPS Line	619.91	-	619.91	614,257.26
648	Electric Transmission	S&E - SPS Line	1,483.48	-	1,483.48	465,239.13
649	Electric Transmission	S&E - SPS Line	28.54	-	28.54	72,397.34
650	Electric Transmission	S&E - SPS Line	472.47	-	472.47	62,721.79
651	Electric Transmission	S&E - SPS Line	233.58	-	233.58	253,156.48
652	Electric Transmission	S&E - SPS Line	-	-	-	122,879.57

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(A) Line No.	(B) Asset Class	(K) WBS Level 1 Project Group Name	(L) WBS Level 1 Project Group Description	(M) Cost Recovery Method	(N) Project Category
611	Electric Transmission	S&E - SPS Line			
612	Electric Transmission	S&E - SPS Line			
613	Electric Transmission	S&E - SPS Line			
614	Electric Transmission	S&E - SPS Line			
615	Electric Transmission	S&E - SPS Line			
616	Electric Transmission	S&E - SPS Line			
617	Electric Transmission	S&E - SPS Line			
618	Electric Transmission	S&E - SPS Line			
619	Electric Transmission	S&E - SPS Line			
620	Electric Transmission	S&E - SPS Line			
621	Electric Transmission	S&E - SPS Line			
622	Electric Transmission	S&E - SPS Line			
623	Electric Transmission	S&E - SPS Line			
624	Electric Transmission	S&E - SPS Line			
625	Electric Transmission	S&E - SPS Line			
626	Electric Transmission	S&E - SPS Line			
627	Electric Transmission	S&E - SPS Line			
628	Electric Transmission	S&E - SPS Line			
629	Electric Transmission	S&E - SPS Line			
630	Electric Transmission	S&E - SPS Line			
631	Electric Transmission	S&E - SPS Line			
632	Electric Transmission	S&E - SPS Line			
633	Electric Transmission	S&E - SPS Line			
634	Electric Transmission	S&E - SPS Line			
635	Electric Transmission	S&E - SPS Line			
636	Electric Transmission	S&E - SPS Line			
637	Electric Transmission	S&E - SPS Line			
638	Electric Transmission	S&E - SPS Line			
639	Electric Transmission	S&E - SPS Line			
640	Electric Transmission	S&E - SPS Line			
641	Electric Transmission	S&E - SPS Line			
642	Electric Transmission	S&E - SPS Line			
643	Electric Transmission	S&E - SPS Line			
644	Electric Transmission	S&E - SPS Line			
645	Electric Transmission	S&E - SPS Line			
646	Electric Transmission	S&E - SPS Line			
647	Electric Transmission	S&E - SPS Line			
648	Electric Transmission	S&E - SPS Line			
649	Electric Transmission	S&E - SPS Line			
650	Electric Transmission	S&E - SPS Line			
651	Electric Transmission	S&E - SPS Line			
652	Electric Transmission	S&E - SPS Line			

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(A)	(B)	(C)	(D)	(E)	(F)
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 - December 31, 2020)
653	Electric Transmission	S&E - SPS Line	A.0000303.080	W30 Str Rpl PPR	202011 67,671.89
654	Electric Transmission	S&E - SPS Line	A.0000303.081	T82 Str Rpl PPR	202010 121,963.96
655	Electric Transmission	S&E - SPS Line	A.0000303.082	T84 Str Rpl PPR	202010 111,846.12
656	Electric Transmission	S&E - SPS Line	A.0000303.083	T79 Str Rpl PPR	202006 150,887.05
657	Electric Transmission	S&E - SPS Line	A.0000303.085	T30 Str Rpl PPR	202010 400,041.85
658	Electric Transmission	S&E - SPS Line	A.0000303.086	W62 Str Rpl PPR	202010 191,599.40
659	Electric Transmission	S&E - SPS Line	A.0000303.087	W63 Str Rpl PPR	202010 95,071.86
660	Electric Transmission	S&E - SPS Line	A.0000303.088	W74 Str Rpl PPR	202012 358,662.50
661	Electric Transmission	S&E - SPS Line	A.0000303.089	K23 Str Rpl PPR	202010 151,537.01
662	Electric Transmission	S&E - SPS Line	A.0000303.090	K24 Str Rpl PPR	202006 611,658.30
663	Electric Transmission	S&E - SPS Line	A.0000303.092	K86 Str Rpl PPR	202005 675,788.19
664	Electric Transmission	S&E - SPS Line	A.0000303.093	K91 Str Rpl PPR	202012 741.21
665	Electric Transmission	S&E - SPS Line Total			23,667,026.34
666	Electric Transmission	S&E - SPS Sub	A.0000220.004	SPS 2014 S&E Sub	201411 6.46
667	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201804 941.94
668	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201712 (3,162.07)
669	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201812 4,883.59
670	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201812 11,758.91
671	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201805 (367,981.82)
672	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201903 7.20
673	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202006 4,271.38
674	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911 29,952.16
675	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202005 153,621.09
676	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202003 2,298.69
677	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911 634.44
678	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911 5,087.73
679	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202008 4,807.71
680	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911 6,957.47
681	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202008 2,309.18
682	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202004 2,926.61
683	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201912 2,963.79
684	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202004 1,735.20
685	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202001 57,267.40
686	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202003 8,795.12
687	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201909 1,765.10
688	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911 13,278.13
689	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911 1,595.43
690	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202007 2,742.47
691	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201912 3,242.54
692	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202004 4,247.91

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(A) Line No.	(B) Asset Class	(C) WBS Level 1 Project Group Name	(D) XES Charges (Included in Column F)	(E) Other Affiliate Charges (Included in Column F)	(F) Total Affiliate Charges (Included in Column F)	(G) Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)
653	Electric Transmission	S&E - SPS Line	-	-	-	67,671.89
654	Electric Transmission	S&E - SPS Line	467.17	-	467.17	121,496.79
655	Electric Transmission	S&E - SPS Line	481.41	-	481.41	111,364.71
656	Electric Transmission	S&E - SPS Line	9,969.88	-	9,969.88	140,917.17
657	Electric Transmission	S&E - SPS Line	-	-	-	400,041.85
658	Electric Transmission	S&E - SPS Line	481.41	-	481.41	191,117.99
659	Electric Transmission	S&E - SPS Line	472.52	-	472.52	94,599.34
660	Electric Transmission	S&E - SPS Line	781.08	-	781.08	357,881.42
661	Electric Transmission	S&E - SPS Line	729.23	-	729.23	150,807.78
662	Electric Transmission	S&E - SPS Line	425.72	-	425.72	611,232.58
663	Electric Transmission	S&E - SPS Line	3,997.17	-	3,997.17	671,791.02
664	Electric Transmission	S&E - SPS Line	-	-	-	741.21
665	Electric Transmission	S&E - SPS Line Total	194,758.05	128.26	194,886.31	23,472,140.03
666	Electric Transmission	S&E - SPS Sub	-	-	-	6.46
667	Electric Transmission	S&E - SPS Sub	911.35	-	911.35	30.59
668	Electric Transmission	S&E - SPS Sub	-	-	-	(3,162.07)
669	Electric Transmission	S&E - SPS Sub	-	-	-	4,883.59
670	Electric Transmission	S&E - SPS Sub	-	-	-	11,758.91
671	Electric Transmission	S&E - SPS Sub	-	-	-	(367,981.82)
672	Electric Transmission	S&E - SPS Sub	-	-	-	7.20
673	Electric Transmission	S&E - SPS Sub	-	-	-	4,271.38
674	Electric Transmission	S&E - SPS Sub	-	-	-	29,952.16
675	Electric Transmission	S&E - SPS Sub	-	-	-	153,621.09
676	Electric Transmission	S&E - SPS Sub	-	-	-	2,298.69
677	Electric Transmission	S&E - SPS Sub	-	-	-	634.44
678	Electric Transmission	S&E - SPS Sub	-	-	-	5,087.73
679	Electric Transmission	S&E - SPS Sub	-	-	-	4,807.71
680	Electric Transmission	S&E - SPS Sub	-	-	-	6,957.47
681	Electric Transmission	S&E - SPS Sub	-	-	-	2,309.18
682	Electric Transmission	S&E - SPS Sub	-	-	-	2,926.61
683	Electric Transmission	S&E - SPS Sub	-	-	-	2,963.79
684	Electric Transmission	S&E - SPS Sub	-	-	-	1,735.20
685	Electric Transmission	S&E - SPS Sub	-	-	-	57,267.40
686	Electric Transmission	S&E - SPS Sub	-	-	-	8,795.12
687	Electric Transmission	S&E - SPS Sub	-	-	-	1,765.10
688	Electric Transmission	S&E - SPS Sub	-	-	-	13,278.13
689	Electric Transmission	S&E - SPS Sub	-	-	-	1,595.43
690	Electric Transmission	S&E - SPS Sub	-	-	-	2,742.47
691	Electric Transmission	S&E - SPS Sub	-	-	-	3,242.54
692	Electric Transmission	S&E - SPS Sub	-	-	-	4,247.91

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(A) Line No.	(B) Asset Class	(K) WBS Level 1 Project Group Name	(L) WBS Level 1 Project Group Description	(M) Cost Recovery Method	(N) Project Category
653	Electric Transmission	S&E - SPS Line			
654	Electric Transmission	S&E - SPS Line			
655	Electric Transmission	S&E - SPS Line			
656	Electric Transmission	S&E - SPS Line			
657	Electric Transmission	S&E - SPS Line			
658	Electric Transmission	S&E - SPS Line			
659	Electric Transmission	S&E - SPS Line			
660	Electric Transmission	S&E - SPS Line			
661	Electric Transmission	S&E - SPS Line			
662	Electric Transmission	S&E - SPS Line			
663	Electric Transmission	S&E - SPS Line			
664	Electric Transmission	S&E - SPS Line			
665	Electric Transmission	S&E - SPS Line Total			
These projects provided for the storm and emergency work orders for the replacement or capital repair of transmission line facilities damaged by inclement weather or natural disasters.					
666	Electric Transmission	S&E - SPS Sub			
667	Electric Transmission	S&E - SPS Sub			
668	Electric Transmission	S&E - SPS Sub			
669	Electric Transmission	S&E - SPS Sub			
670	Electric Transmission	S&E - SPS Sub			
671	Electric Transmission	S&E - SPS Sub			
672	Electric Transmission	S&E - SPS Sub			
673	Electric Transmission	S&E - SPS Sub			
674	Electric Transmission	S&E - SPS Sub			
675	Electric Transmission	S&E - SPS Sub			
676	Electric Transmission	S&E - SPS Sub			
677	Electric Transmission	S&E - SPS Sub			
678	Electric Transmission	S&E - SPS Sub			
679	Electric Transmission	S&E - SPS Sub			
680	Electric Transmission	S&E - SPS Sub			
681	Electric Transmission	S&E - SPS Sub			
682	Electric Transmission	S&E - SPS Sub			
683	Electric Transmission	S&E - SPS Sub			
684	Electric Transmission	S&E - SPS Sub			
685	Electric Transmission	S&E - SPS Sub			
686	Electric Transmission	S&E - SPS Sub			
687	Electric Transmission	S&E - SPS Sub			
688	Electric Transmission	S&E - SPS Sub			
689	Electric Transmission	S&E - SPS Sub			
690	Electric Transmission	S&E - SPS Sub			
691	Electric Transmission	S&E - SPS Sub			
692	Electric Transmission	S&E - SPS Sub			
				SPS Zonal	SR

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(A) Line No.	(B) Asset Class	(C) WBS Level 1 Project Group Name	(D) WBS Level 2 Number	(E) WBS Level 2 Description	(F) In-Service Date (year-month)	(G) Capital Additions (July 1, 2019 - December 31, 2020)
693	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	2,979.80
694	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	2,500.15
695	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202007	1,775.24
696	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	4,084.67
697	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	2,442.66
698	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202006	10,978.39
699	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202001	32,920.88
700	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	19,303.24
701	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202009	212,264.58
702	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202009	82,312.32
703	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202009	68,321.35
704	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	5,728.07
705	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201907	3,104.60
706	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202006	1,791.89
707	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202004	2,061.22
708	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202003	1,426.22
709	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202007	8,462.41
710	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	42,966.62
711	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202004	1,204.90
712	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202007	6,123.42
713	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202002	6,505.99
714	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202006	2,444.47
715	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202007	8,894.93
716	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	3,449.06
717	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202009	1,310.61
718	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201904	15.29
719	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202004	2,622.46
720	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202007	80,286.81
721	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	7,356.16
722	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202003	4,276.75
723	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	92,357.41
724	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202006	22,683.97
725	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201908	18,482.02
726	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202006	2,368.69
727	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202006	4,180.77
728	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202007	57,561.54
729	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202007	1,112.48
730	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	35,128.28
731	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201909	20,598.08
732	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202004	168,234.68
733	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911	78,214.02
734	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202007	2,251.40

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(A) Line No.	(B) Asset Class	(C) WBS Level 1 Project Group Name	(D) XES Charges (Included in Column F)	(E) Other Affiliate Charges (Included in Column F)	(F) Total Affiliate Charges (Included in Column F)	(G) Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)
693	Electric Transmission	S&E - SPS Sub	185.50	-	185.50	2,794.30
694	Electric Transmission	S&E - SPS Sub	97.55	-	97.55	2,402.60
695	Electric Transmission	S&E - SPS Sub	-	-	-	1,775.24
696	Electric Transmission	S&E - SPS Sub	25.51	-	25.51	4,059.16
697	Electric Transmission	S&E - SPS Sub	-	-	-	2,442.66
698	Electric Transmission	S&E - SPS Sub	-	-	-	10,978.39
699	Electric Transmission	S&E - SPS Sub	-	-	-	32,920.88
700	Electric Transmission	S&E - SPS Sub	-	-	-	19,303.24
701	Electric Transmission	S&E - SPS Sub	-	-	-	212,264.58
702	Electric Transmission	S&E - SPS Sub	-	-	-	82,312.32
703	Electric Transmission	S&E - SPS Sub	-	-	-	68,321.35
704	Electric Transmission	S&E - SPS Sub	-	-	-	5,728.07
705	Electric Transmission	S&E - SPS Sub	-	-	-	3,104.60
706	Electric Transmission	S&E - SPS Sub	-	-	-	1,791.89
707	Electric Transmission	S&E - SPS Sub	-	-	-	2,061.22
708	Electric Transmission	S&E - SPS Sub	-	-	-	1,426.22
709	Electric Transmission	S&E - SPS Sub	-	-	-	8,462.41
710	Electric Transmission	S&E - SPS Sub	-	-	-	42,966.62
711	Electric Transmission	S&E - SPS Sub	-	-	-	1,204.90
712	Electric Transmission	S&E - SPS Sub	-	-	-	6,123.42
713	Electric Transmission	S&E - SPS Sub	111.76	-	111.76	6,394.23
714	Electric Transmission	S&E - SPS Sub	-	-	-	2,444.47
715	Electric Transmission	S&E - SPS Sub	-	-	-	8,894.93
716	Electric Transmission	S&E - SPS Sub	-	-	-	3,449.06
717	Electric Transmission	S&E - SPS Sub	-	-	-	1,310.61
718	Electric Transmission	S&E - SPS Sub	-	-	-	15.29
719	Electric Transmission	S&E - SPS Sub	-	-	-	2,622.46
720	Electric Transmission	S&E - SPS Sub	-	-	-	80,286.81
721	Electric Transmission	S&E - SPS Sub	-	-	-	7,356.16
722	Electric Transmission	S&E - SPS Sub	-	-	-	4,276.75
723	Electric Transmission	S&E - SPS Sub	3,199.68	-	3,199.68	89,157.73
724	Electric Transmission	S&E - SPS Sub	-	-	-	22,683.97
725	Electric Transmission	S&E - SPS Sub	-	-	-	18,482.02
726	Electric Transmission	S&E - SPS Sub	-	-	-	2,368.69
727	Electric Transmission	S&E - SPS Sub	-	-	-	4,180.77
728	Electric Transmission	S&E - SPS Sub	-	-	-	57,561.54
729	Electric Transmission	S&E - SPS Sub	-	-	-	1,112.48
730	Electric Transmission	S&E - SPS Sub	-	-	-	35,128.28
731	Electric Transmission	S&E - SPS Sub	-	-	-	20,598.08
732	Electric Transmission	S&E - SPS Sub	9,314.87	-	9,314.87	158,919.81
733	Electric Transmission	S&E - SPS Sub	557.14	-	557.14	77,656.88
734	Electric Transmission	S&E - SPS Sub	-	-	-	2,251.40

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(A) Line No.	(B) Asset Class	(K) WBS Level 1 Project Group Name	(L) WBS Level 1 Project Group Description	(M) Cost Recovery Method	(N) Project Category
693	Electric Transmission	S&E - SPS Sub			
694	Electric Transmission	S&E - SPS Sub			
695	Electric Transmission	S&E - SPS Sub			
696	Electric Transmission	S&E - SPS Sub			
697	Electric Transmission	S&E - SPS Sub			
698	Electric Transmission	S&E - SPS Sub			
699	Electric Transmission	S&E - SPS Sub			
700	Electric Transmission	S&E - SPS Sub			
701	Electric Transmission	S&E - SPS Sub			
702	Electric Transmission	S&E - SPS Sub			
703	Electric Transmission	S&E - SPS Sub			
704	Electric Transmission	S&E - SPS Sub			
705	Electric Transmission	S&E - SPS Sub			
706	Electric Transmission	S&E - SPS Sub			
707	Electric Transmission	S&E - SPS Sub			
708	Electric Transmission	S&E - SPS Sub			
709	Electric Transmission	S&E - SPS Sub			
710	Electric Transmission	S&E - SPS Sub			
711	Electric Transmission	S&E - SPS Sub			
712	Electric Transmission	S&E - SPS Sub			
713	Electric Transmission	S&E - SPS Sub			
714	Electric Transmission	S&E - SPS Sub			
715	Electric Transmission	S&E - SPS Sub			
716	Electric Transmission	S&E - SPS Sub			
717	Electric Transmission	S&E - SPS Sub			
718	Electric Transmission	S&E - SPS Sub			
719	Electric Transmission	S&E - SPS Sub			
720	Electric Transmission	S&E - SPS Sub			
721	Electric Transmission	S&E - SPS Sub			
722	Electric Transmission	S&E - SPS Sub			
723	Electric Transmission	S&E - SPS Sub			
724	Electric Transmission	S&E - SPS Sub			
725	Electric Transmission	S&E - SPS Sub			
726	Electric Transmission	S&E - SPS Sub			
727	Electric Transmission	S&E - SPS Sub			
728	Electric Transmission	S&E - SPS Sub			
729	Electric Transmission	S&E - SPS Sub			
730	Electric Transmission	S&E - SPS Sub			
731	Electric Transmission	S&E - SPS Sub			
732	Electric Transmission	S&E - SPS Sub			
733	Electric Transmission	S&E - SPS Sub			
734	Electric Transmission	S&E - SPS Sub			

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(A)	(B)	(C)	(D)	(E)	(F)
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 - December 31, 2020)
735	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201909 1,745.53
736	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201912 7,402.27
737	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202007 43,572.48
738	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201911 14,935.23
739	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202007 6,202.89
740	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202004 5,058.01
741	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202004 6,933.43
742	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201909 5,398.63
743	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202002 5,100.64
744	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202008 2,754.72
745	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202004 5,277.34
746	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202007 2,549.92
747	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	201805 2,981.50
748	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202010 8,130.83
749	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202010 15,037.06
750	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202010 79,109.96
751	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202010 5,164.79
752	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202012 8,662.58
753	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202011 11,372.26
754	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202012 7,918.52
755	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202012 17,062.09
756	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202012 2,925.48
757	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202012 1,007.28
758	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202012 14,883.07
759	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202011 20,037.32
760	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202011 5,501.12
761	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202011 97.35
762	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202011 3,009.98
763	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202011 3,545.83
764	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202012 17,418.64
765	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202012 1,874.41
766	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202012 28,395.82
767	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202012 2,269.47
768	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202012 11,524.99
769	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202011 64,009.89
770	Electric Transmission	S&E - SPS Sub	A.0000220.006	SPS S&E, Sub	202012 49,890.79
771	Electric Transmission	S&E - SPS Sub	A.0000220.007	SPS 2017 S&E Sub	201812 (723.03)
772	Electric Transmission	S&E - SPS Sub	A.0000220.007	SPS 2017 S&E Sub	201812 567.45
773	Electric Transmission	S&E - SPS Sub	A.0000220.007	SPS 2017 S&E Sub	202001 63,772.36
774	Electric Transmission	S&E - SPS Sub	A.0000220.007	SPS 2017 S&E Sub	201905 313.19
775	Electric Transmission	S&E - SPS Sub	A.0000220.007	SPS 2017 S&E Sub	201911 12,276.16
776	Electric Transmission	S&E - SPS Sub	A.0000220.007	SPS 2017 S&E Sub	202003 7,149.33

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(A) Line No.	(B) Asset Class	(B) WBS Level 1 Project Group Name	(G) XES Charges (Included in Column F)	(H) Other Affiliate Charges (Included in Column F)	(I) Total Affiliate Charges (Included in Column F)	(J) Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column F
735	Electric Transmission	S&E - SPS Sub	-	-	-	1,745.53
736	Electric Transmission	S&E - SPS Sub	-	-	-	7,402.27
737	Electric Transmission	S&E - SPS Sub	-	-	-	43,572.48
738	Electric Transmission	S&E - SPS Sub	-	-	-	14,935.23
739	Electric Transmission	S&E - SPS Sub	-	-	-	6,202.89
740	Electric Transmission	S&E - SPS Sub	-	-	-	5,058.01
741	Electric Transmission	S&E - SPS Sub	-	-	-	6,933.43
742	Electric Transmission	S&E - SPS Sub	-	-	-	5,398.63
743	Electric Transmission	S&E - SPS Sub	-	-	-	5,100.64
744	Electric Transmission	S&E - SPS Sub	-	-	-	2,754.72
745	Electric Transmission	S&E - SPS Sub	-	-	-	5,277.34
746	Electric Transmission	S&E - SPS Sub	-	-	-	2,549.92
747	Electric Transmission	S&E - SPS Sub	-	-	-	2,981.50
748	Electric Transmission	S&E - SPS Sub	-	-	-	8,130.83
749	Electric Transmission	S&E - SPS Sub	-	-	-	15,037.06
750	Electric Transmission	S&E - SPS Sub	-	-	-	79,109.96
751	Electric Transmission	S&E - SPS Sub	-	-	-	5,164.79
752	Electric Transmission	S&E - SPS Sub	-	-	-	8,662.58
753	Electric Transmission	S&E - SPS Sub	-	-	-	11,372.26
754	Electric Transmission	S&E - SPS Sub	-	-	-	7,918.52
755	Electric Transmission	S&E - SPS Sub	-	-	-	17,062.09
756	Electric Transmission	S&E - SPS Sub	-	-	-	2,925.48
757	Electric Transmission	S&E - SPS Sub	-	-	-	1,007.28
758	Electric Transmission	S&E - SPS Sub	-	-	-	14,883.07
759	Electric Transmission	S&E - SPS Sub	-	-	-	20,037.32
760	Electric Transmission	S&E - SPS Sub	-	-	-	5,501.12
761	Electric Transmission	S&E - SPS Sub	-	-	-	97.35
762	Electric Transmission	S&E - SPS Sub	-	-	-	3,009.98
763	Electric Transmission	S&E - SPS Sub	-	-	-	3,545.83
764	Electric Transmission	S&E - SPS Sub	-	-	-	17,418.64
765	Electric Transmission	S&E - SPS Sub	-	-	-	1,874.41
766	Electric Transmission	S&E - SPS Sub	-	-	-	27,227.21
767	Electric Transmission	S&E - SPS Sub	1,168.61	-	1,168.61	2,269.47
768	Electric Transmission	S&E - SPS Sub	-	-	-	11,524.99
769	Electric Transmission	S&E - SPS Sub	-	-	-	64,009.89
770	Electric Transmission	S&E - SPS Sub	-	-	-	49,890.79
771	Electric Transmission	S&E - SPS Sub	-	-	-	(723.03)
772	Electric Transmission	S&E - SPS Sub	-	-	-	567.45
773	Electric Transmission	S&E - SPS Sub	-	-	-	63,772.36
774	Electric Transmission	S&E - SPS Sub	-	-	-	313.19
775	Electric Transmission	S&E - SPS Sub	-	-	-	12,276.16
776	Electric Transmission	S&E - SPS Sub	-	-	-	7,149.33

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(A) Line No.	(B) Asset Class	(K) WBS Level 1 Project Group Name	(L) WBS Level 1 Project Group Description	(M) Cost Recovery Method	(N) Project Category
735	Electric Transmission	S&E - SPS Sub			
736	Electric Transmission	S&E - SPS Sub			
737	Electric Transmission	S&E - SPS Sub			
738	Electric Transmission	S&E - SPS Sub			
739	Electric Transmission	S&E - SPS Sub			
740	Electric Transmission	S&E - SPS Sub			
741	Electric Transmission	S&E - SPS Sub			
742	Electric Transmission	S&E - SPS Sub			
743	Electric Transmission	S&E - SPS Sub			
744	Electric Transmission	S&E - SPS Sub			
745	Electric Transmission	S&E - SPS Sub			
746	Electric Transmission	S&E - SPS Sub			
747	Electric Transmission	S&E - SPS Sub			
748	Electric Transmission	S&E - SPS Sub			
749	Electric Transmission	S&E - SPS Sub			
750	Electric Transmission	S&E - SPS Sub			
751	Electric Transmission	S&E - SPS Sub			
752	Electric Transmission	S&E - SPS Sub			
753	Electric Transmission	S&E - SPS Sub			
754	Electric Transmission	S&E - SPS Sub			
755	Electric Transmission	S&E - SPS Sub			
756	Electric Transmission	S&E - SPS Sub			
757	Electric Transmission	S&E - SPS Sub			
758	Electric Transmission	S&E - SPS Sub			
759	Electric Transmission	S&E - SPS Sub			
760	Electric Transmission	S&E - SPS Sub			
761	Electric Transmission	S&E - SPS Sub			
762	Electric Transmission	S&E - SPS Sub			
763	Electric Transmission	S&E - SPS Sub			
764	Electric Transmission	S&E - SPS Sub			
765	Electric Transmission	S&E - SPS Sub			
766	Electric Transmission	S&E - SPS Sub			
767	Electric Transmission	S&E - SPS Sub			
768	Electric Transmission	S&E - SPS Sub			
769	Electric Transmission	S&E - SPS Sub			
770	Electric Transmission	S&E - SPS Sub			
771	Electric Transmission	S&E - SPS Sub			
772	Electric Transmission	S&E - SPS Sub			
773	Electric Transmission	S&E - SPS Sub			
774	Electric Transmission	S&E - SPS Sub			
775	Electric Transmission	S&E - SPS Sub			
776	Electric Transmission	S&E - SPS Sub			

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(A) Line No.	(B) Asset Class	(C) WBS Level 1 Project Group Name	(D) WBS Level 2 Number	(E) WBS Level 2 Description	(F) In-Service Date (year-month)	(G) Capital Additions (July 1, 2019 - December 31, 2020)
777	Electric Transmission	S&E - SPS Sub	A.0000220.007	SPS 2017 S&E Sub	201911	3,731.95
778	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	201812	5.35
779	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	201902	568.77
780	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	201909	3,366.67
781	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	201909	8,426.28
782	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	201912	2,327.02
783	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	201911	7,064.67
784	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202007	8,283.39
785	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202004	6,479.29
786	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202007	7,635.17
787	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	201911	5,619.16
788	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202007	30,769.89
789	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202003	2,677.00
790	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	201911	6,894.16
791	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	201911	4,274.79
792	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	201911	37,661.29
793	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	201909	1,700.51
794	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	201911	5,202.98
795	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202007	3,978.75
796	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	201911	26,157.66
797	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202004	196,100.70
798	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202008	5,429.55
799	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202004	23,572.03
800	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202007	5,255.46
801	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202007	20,097.60
802	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202008	3,274.29
803	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202004	3,505.40
804	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202003	2,831.31
805	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202007	22,041.32
806	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202010	60,237.19
807	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202011	52,549.00
808	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202012	20,730.50
809	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202012	38,423.42
810	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202011	48,257.82
811	Electric Transmission	S&E - SPS Sub	A.0000220.018	SPS NM S&E, Sub	202012	2,979.56
812	Electric Transmission	S&E - SPS Sub	A.0000220.024	SPS 2015 KS SE Sub	201911	13,393.99
813	Electric Transmission	S&E - SPS Sub	A.0000220.026	SPS 2015 OK SE Sub	201905	(33.29)
814	Electric Transmission	S&E - SPS Sub	A.0000220.037	Cox Int Differential Upgrades	202012	687,403.05
815	Electric Transmission	S&E - SPS Sub	A.0000220.038	PCA Land Lease	202009	25,985.57
816	Electric Transmission	S&E - SPS Sub Total				3,067,019.06
817	Electric Transmission	seminole intg 230/115KV xfmr #1 & #2 upgrades	A.0000494.001	Seminole Xfmr 1	201812	37,863.13

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(A) Line No.	(B) Asset Class	(C) WBS Level 1 Project Group Name	(D) XES Charges (Included in Column F)	(E) Other Affiliate Charges (Included in Column F)	(F) Total Affiliate Charges (Included in Column F)	(G) Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)
777	Electric Transmission	S&E - SPS Sub	-	-	-	3,731.95
778	Electric Transmission	S&E - SPS Sub	-	-	-	5.35
779	Electric Transmission	S&E - SPS Sub	-	-	-	568.77
780	Electric Transmission	S&E - SPS Sub	-	-	-	3,366.67
781	Electric Transmission	S&E - SPS Sub	-	-	-	8,426.28
782	Electric Transmission	S&E - SPS Sub	-	-	-	2,327.02
783	Electric Transmission	S&E - SPS Sub	-	-	-	7,064.67
784	Electric Transmission	S&E - SPS Sub	-	-	-	8,283.39
785	Electric Transmission	S&E - SPS Sub	-	-	-	6,479.29
786	Electric Transmission	S&E - SPS Sub	-	-	-	7,635.17
787	Electric Transmission	S&E - SPS Sub	-	-	-	5,619.16
788	Electric Transmission	S&E - SPS Sub	-	-	-	30,769.89
789	Electric Transmission	S&E - SPS Sub	-	-	-	2,677.00
790	Electric Transmission	S&E - SPS Sub	-	-	-	6,894.16
791	Electric Transmission	S&E - SPS Sub	-	-	-	4,274.79
792	Electric Transmission	S&E - SPS Sub	-	-	-	37,661.29
793	Electric Transmission	S&E - SPS Sub	-	-	-	1,700.51
794	Electric Transmission	S&E - SPS Sub	-	-	-	5,202.98
795	Electric Transmission	S&E - SPS Sub	-	-	-	3,978.75
796	Electric Transmission	S&E - SPS Sub	-	-	-	26,157.66
797	Electric Transmission	S&E - SPS Sub	2,872.60	-	2,872.60	193,228.10
798	Electric Transmission	S&E - SPS Sub	-	-	-	5,429.55
799	Electric Transmission	S&E - SPS Sub	-	-	-	23,572.03
800	Electric Transmission	S&E - SPS Sub	-	-	-	5,255.46
801	Electric Transmission	S&E - SPS Sub	-	-	-	20,097.60
802	Electric Transmission	S&E - SPS Sub	-	-	-	3,274.29
803	Electric Transmission	S&E - SPS Sub	-	-	-	3,505.40
804	Electric Transmission	S&E - SPS Sub	-	-	-	2,831.31
805	Electric Transmission	S&E - SPS Sub	-	-	-	22,041.32
806	Electric Transmission	S&E - SPS Sub	-	-	-	60,237.19
807	Electric Transmission	S&E - SPS Sub	-	-	-	52,549.00
808	Electric Transmission	S&E - SPS Sub	-	-	-	20,730.50
809	Electric Transmission	S&E - SPS Sub	-	-	-	38,423.42
810	Electric Transmission	S&E - SPS Sub	-	-	-	48,257.82
811	Electric Transmission	S&E - SPS Sub	-	-	-	2,979.56
812	Electric Transmission	S&E - SPS Sub	-	-	-	13,393.99
813	Electric Transmission	S&E - SPS Sub	-	-	-	(33.29)
814	Electric Transmission	S&E - SPS Sub	7,934.66	-	7,934.66	679,468.39
815	Electric Transmission	S&E - SPS Sub	355.59	-	355.59	25,629.98
816	Electric Transmission	S&E - SPS Sub	26,734.82	-	26,734.82	3,040,284.24
		S&E - SPS Sub Total				
817	Electric Transmission	seminole intg 230/115kV xfmr #1 & #2 upgrades	469.86	-	469.86	37,393.27

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(A) Line No.	Asset Class	(B) WBS Level 1 Project Group Name	(K) WBS Level 1 Project Group Description	(L) Cost Recovery Method	(M) Project Category
777	Electric Transmission	S&E - SPS Sub			
778	Electric Transmission	S&E - SPS Sub			
779	Electric Transmission	S&E - SPS Sub			
780	Electric Transmission	S&E - SPS Sub			
781	Electric Transmission	S&E - SPS Sub			
782	Electric Transmission	S&E - SPS Sub			
783	Electric Transmission	S&E - SPS Sub			
784	Electric Transmission	S&E - SPS Sub			
785	Electric Transmission	S&E - SPS Sub			
786	Electric Transmission	S&E - SPS Sub			
787	Electric Transmission	S&E - SPS Sub			
788	Electric Transmission	S&E - SPS Sub			
789	Electric Transmission	S&E - SPS Sub			
790	Electric Transmission	S&E - SPS Sub			
791	Electric Transmission	S&E - SPS Sub			
792	Electric Transmission	S&E - SPS Sub			
793	Electric Transmission	S&E - SPS Sub			
794	Electric Transmission	S&E - SPS Sub			
795	Electric Transmission	S&E - SPS Sub			
796	Electric Transmission	S&E - SPS Sub			
797	Electric Transmission	S&E - SPS Sub			
798	Electric Transmission	S&E - SPS Sub			
799	Electric Transmission	S&E - SPS Sub			
800	Electric Transmission	S&E - SPS Sub			
801	Electric Transmission	S&E - SPS Sub			
802	Electric Transmission	S&E - SPS Sub			
803	Electric Transmission	S&E - SPS Sub			
804	Electric Transmission	S&E - SPS Sub			
805	Electric Transmission	S&E - SPS Sub			
806	Electric Transmission	S&E - SPS Sub			
807	Electric Transmission	S&E - SPS Sub			
808	Electric Transmission	S&E - SPS Sub			
809	Electric Transmission	S&E - SPS Sub			
810	Electric Transmission	S&E - SPS Sub			
811	Electric Transmission	S&E - SPS Sub			
812	Electric Transmission	S&E - SPS Sub			
813	Electric Transmission	S&E - SPS Sub			
814	Electric Transmission	S&E - SPS Sub			
815	Electric Transmission	S&E - SPS Sub			
816	Electric Transmission	S&E - SPS Sub Total			
817	Electric Transmission	seminole intg 230/115kV xfmr #1 & #2 upgrades	These projects provided for the storm and emergency work orders that repaired substation facilities damaged by inclement weather and natural disasters.	SPS Zonal	SR

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(A)		(B)		(C)		(D)	(E)	(F)
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 - December 31, 2020)
818	Electric Transmission	seminole intg 230/115kV xfmr #1 & #2 upgrades		A.0000494.002		Seminole Xfmr 2	201904	81,775.80
819	Electric Transmission	seminole intg 230/115kV xfmr #1 & #2 upgrades Total						119,638.93
820	Electric Transmission	Short Circuit Interrupting Duty 2016		A.0000513.002		Castro Co Breaker 8829 Replacement Denver City Breaker W970 Replacement Denver City Breaker W900 Replacement	201811	(1,679.42)
821	Electric Transmission	Short Circuit Interrupting Duty 2016		A.0000513.004			201811	(69,522.11)
822	Electric Transmission	Short Circuit Interrupting Duty 2016		A.0000513.005			201810	(50,100.25)
823	Electric Transmission	Short Circuit Interrupting Duty 2016 Total						(121,301.78)
824	Electric Transmission	Sierra Substation (RIAC Conversion)		A.0001300.009		Reterm 115KV Roswell City Roswell Intg 115KV Bkr One Half Wreckout Rebuild 115KV LineT24 Relay Upgr Roswell City Rosw Intg T24 ROW Z09 Removal from S Main St to RIAC Wreckout Rebuild Z09 Dble Ckt	201811	(1,131.00)
825	Electric Transmission	Sierra Substation (RIAC Conversion)		A.0001300.013			201811	17,494.78
826	Electric Transmission	Sierra Substation (RIAC Conversion)		A.0001300.014			201811	36,273.21
827	Electric Transmission	Sierra Substation (RIAC Conversion)		A.0001300.022			201811	16,321.00
828	Electric Transmission	Sierra Substation (RIAC Conversion)		A.0001300.023			201712	10,099.02
829	Electric Transmission	Sierra Substation (RIAC Conversion)		A.0001300.024			201907	88,834.26
830	Electric Transmission	Sierra Substation (RIAC Conversion)		A.0001300.025		201811	(3,995.00)	
831	Electric Transmission	Sierra Substation (RIAC Conversion) Total						163,896.27
832	Electric Transmission	Sisko Substation		A.0001408.007		Sisko W25, ROW	202011	19,178.23
833	Electric Transmission	Sisko Substation Total						19,178.23
834	Electric Transmission	Sony Dist. Transformer Conv.		A.0000616.001		Sony Dist. Transformer Conv. 115kV Line Tap to Sony Line 69kV Line Tap to Sony Line	201812	67,609.02
835	Electric Transmission	Sony Dist. Transformer Conv.		A.0000616.002			201812	(2,820.42)
836	Electric Transmission	Sony Dist. Transformer Conv.		A.0000616.006			201802	5,932.15
837	Electric Transmission	Sony Dist. Transformer Conv. Total						70,720.75
838	Electric Transmission	Spearman Breaker Replacements		A.0001421.001		Spearman Breaker Replacement 1715 Spearman Breaker Replacement 1711 Spearman Land	202012	1,473,794.65
839	Electric Transmission	Spearman Breaker Replacements		A.0001421.003			202010	484,545.73
840	Electric Transmission	Spearman Breaker Replacements		A.0001421.004			202007	20,659.62
841	Electric Transmission	Spearman Breaker Replacements Total						1,979,000.00
842	Electric Transmission	SPIRE		A.0000996.004		SPS SPIRE SPS SPIRE East Plant XFMR	201912	254.80
843	Electric Transmission	SPIRE		A.0000996.013			202011	208,775.37

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(A)	(B)	(C)	(D)	(E)	(F)
Line No.	Asset Class	WBS Level 1 Project Group Name	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)	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)
818	Electric Transmission	seminole intg 230/115kV xfmr #1 & #2 upgrades	351.46	-	81,424.34
819	Electric Transmission	seminole intg 230/115kV xfmr #1 & #2 upgrades Total	821.32	-	118,817.61
820	Electric Transmission	Short Circuit Interrupting Duty 2016	-	-	(1,679.42)
821	Electric Transmission	Short Circuit Interrupting Duty 2016	-	-	(69,522.11)
822	Electric Transmission	Short Circuit Interrupting Duty 2016	-	-	(50,100.25)
823	Electric Transmission	Short Circuit Interrupting Duty 2016 Total	-	-	(121,301.78)
824	Electric Transmission	Sierra Substation (RIAC Conversion)	-	-	(1,131.00)
825	Electric Transmission	Sierra Substation (RIAC Conversion)	186.24	-	17,308.54
826	Electric Transmission	Sierra Substation (RIAC Conversion)	27,733.48	-	8,539.73
827	Electric Transmission	Sierra Substation (RIAC Conversion)	-	-	16,321.00
828	Electric Transmission	Sierra Substation (RIAC Conversion)	-	-	10,099.02
829	Electric Transmission	Sierra Substation (RIAC Conversion)	2,234.09	-	86,600.17
830	Electric Transmission	Sierra Substation (RIAC Conversion)	-	-	(3,995.00)
831	Electric Transmission	Sierra Substation (RIAC Conversion) Total	30,153.81	-	133,742.46
832	Electric Transmission	Sisko Substation	-	-	19,178.23
833	Electric Transmission	Sisko Substation Total	-	-	19,178.23
834	Electric Transmission	Soney Dist. Transformer Conv.	3,024.67	-	64,584.35
835	Electric Transmission	Soney Dist. Transformer Conv.	2,107.95	-	(4,928.37)
836	Electric Transmission	Soney Dist. Transformer Conv.	979.08	-	4,953.07
837	Electric Transmission	Soney Dist. Transformer Conv. Total	6,111.70	-	64,609.05
838	Electric Transmission	Spearman Breaker Replacements	19,190.21	-	1,454,604.44
839	Electric Transmission	Spearman Breaker Replacements	12,258.68	-	472,287.05
840	Electric Transmission	Spearman Breaker Replacements	6,937.15	-	13,722.47
841	Electric Transmission	Spearman Breaker Replacements Total	38,386.04	-	1,940,613.96
842	Electric Transmission	SPIRe	(14,078.75)	-	14,333.55
843	Electric Transmission	SPIRe	11,811.69	-	196,963.68

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(A) Line No. Asset Class	(B) WBS Level 1 Project Group Name	(K) WBS Level 1 Project Group Description	(L) Cost Recovery Method	(M) Project Category
818 Electric Transmission	seminole intg 230/115kV xfmr #1 & #2 upgrades seminole intg 230/115kV xfmr #1 & #2 upgrades Total	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
819 Electric Transmission				
820 Electric Transmission	Short Circuit Interrupting Duty 2016 Short Circuit Interrupting Duty 2016 Short Circuit Interrupting Duty 2016 Short Circuit Interrupting Duty 2016 Total	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
821 Electric Transmission				
822 Electric Transmission				
823 Electric Transmission				
824 Electric Transmission	Sierra Substation (RIAC Conversion) Sierra Substation (RIAC Conversion) Sierra Substation (RIAC Conversion) Sierra Substation (RIAC Conversion) Sierra Substation (RIAC Conversion) Sierra Substation (RIAC Conversion) Sierra Substation (RIAC Conversion) Sierra Substation (RIAC Conversion) Total	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
825 Electric Transmission				
826 Electric Transmission				
827 Electric Transmission				
828 Electric Transmission				
829 Electric Transmission				
830 Electric Transmission				
831 Electric Transmission				
832 Electric Transmission	Sisko Substation Sisko Substation Total	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.	SPS Zonal	LI
833 Electric Transmission				
834 Electric Transmission	Sony Dist. Transformer Conv. Sony Dist. Transformer Conv. Sony Dist. Transformer Conv. Sony Dist. Transformer Conv. Total	This project converted the 69-kV Sony Substation and transmission line to 115-kV operation. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
835 Electric Transmission				
836 Electric Transmission				
837 Electric Transmission				
838 Electric Transmission	Spearman Breaker Replacements Spearman Breaker Replacements Spearman Breaker Replacements Spearman Breaker Replacements Total	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
839 Electric Transmission				
840 Electric Transmission				
841 Electric Transmission				
842 Electric Transmission	SPIRe SPIRe			
843 Electric Transmission				

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(A) Line No.	(B) Asset Class	(C) WBS Level 1 Project Group Name	(D) WBS Level 2 Number	(E) WBS Level 2 Description	(F) In-Service Date (year-month)	(G) Capital Additions (July 1, 2019 - December 31, 2020)
844	Electric Transmission	SPiRe Total				209,030.17
845	Electric Transmission	SPS Asset Sales		Asset Sale to Oncor	201901	(41,882.88)
846	Electric Transmission	SPS Asset Sales Total	A.0000886.008			(41,882.88)
847	Electric Transmission	SPS Facility Rating Mitigation	A.0001041.002	Sundown V55 Term Upgrade	202011	66,561.90
848	Electric Transmission	SPS Facility Rating Mitigation	A.0001041.003	Carlisle String Bus Upgrade	202012	83,451.70
849	Electric Transmission	SPS Facility Rating Mitigation	A.0001041.006	T71 Terminal upgrade Carlisle	201904	(2,562.37)
850	Electric Transmission	SPS Facility Rating Mitigation	A.0001041.007	T71 Terminal upgrade Yuma	201912	21,015.09
851	Electric Transmission	SPS Facility Rating Mitigation	A.0001041.008	K73 Terminal Upgrade Grapevine	202004	93,106.94
852	Electric Transmission	SPS Facility Rating Mitigation	A.0001041.009	K53 Term Upgrade Grapevine Nichols	202004	118,947.14
853	Electric Transmission	SPS Facility Rating Mitigation	A.0001041.009	K53 Term Upgrade Grapevine Nichols	202011	125,076.78
854	Electric Transmission	SPS Facility Rating Mitigation Total				505,597.18
855	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.006	V02 Switch 2915 Replacement	201812	2,060.23
856	Electric Transmission	SPS Group 1 Switch Replacements	A.0000153.012	Z50 Muleshoe West Switch	202012	328,494.97
857	Electric Transmission	SPS Group 1 Switch Replacements Total				330,555.20
858	Electric Transmission	SPS Line Capacity	A.0000427.001	SPS Line Capacity Line	201510	3,752.09
859	Electric Transmission	SPS Line Capacity	A.0000427.014	K21 Clearance Violations	201809	3,512.23
860	Electric Transmission	SPS Line Capacity	A.0000427.016	W14 Y98 Clearance Violations	201903	32,552.36
861	Electric Transmission	SPS Line Capacity Total				39,816.68
862	Electric Transmission	SPS Major Line Refurbishment	A.0000469.015	SPS Major Line Refurb 69kV TX	201903	(118,819.12)
863	Electric Transmission	SPS Major Line Refurbishment	A.0000469.018	U12 Reconnector	202012	641,586.19

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(A)	(B)	(G)	(H)	(I)	(J)	
Line No.	Asset Class	WBS Level 1 Project Group Name	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)	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)
844	Electric Transmission	SP1Re Total	(2,267.06)	-	(2,267.06)	211,297.23
845	Electric Transmission	SPS Asset Sales	-	-	-	(41,882.88)
846	Electric Transmission	SPS Asset Sales Total	-	-	-	(41,882.88)
847	Electric Transmission	SPS Facility Rating Mitigation	327.89	-	327.89	66,234.01
848	Electric Transmission	SPS Facility Rating Mitigation	1,217.29	-	1,217.29	82,234.41
849	Electric Transmission	SPS Facility Rating Mitigation	910.11	-	910.11	(3,472.48)
850	Electric Transmission	SPS Facility Rating Mitigation	-	-	-	21,015.09
851	Electric Transmission	SPS Facility Rating Mitigation	5,664.00	-	5,664.00	87,442.94
852	Electric Transmission	SPS Facility Rating Mitigation	6,918.18	-	6,918.18	112,028.96
853	Electric Transmission	SPS Facility Rating Mitigation	110.31	-	110.31	124,966.47
854	Electric Transmission	SPS Facility Rating Mitigation Total	15,147.78	-	15,147.78	490,449.40
855	Electric Transmission	SPS Group 1 Switch Replacements	-	-	-	2,060.23
856	Electric Transmission	SPS Group 1 Switch Replacements	2,156.97	-	2,156.97	326,338.00
857	Electric Transmission	SPS Group 1 Switch Replacements Total	2,156.97	-	2,156.97	328,398.23
858	Electric Transmission	SPS Line Capacity	-	-	-	3,752.09
859	Electric Transmission	SPS Line Capacity	132.76	-	132.76	3,379.47
860	Electric Transmission	SPS Line Capacity	-	-	-	32,552.36
861	Electric Transmission	SPS Line Capacity Total	132.76	-	132.76	39,683.92
862	Electric Transmission	SPS Major Line Refurbishment	-	-	-	(118,819.12)
863	Electric Transmission	SPS Major Line Refurbishment	2,569.31	-	2,569.31	639,016.88

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(A)		(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Cost Recovery Method	Project Category
844	Electric Transmission	SPiRe Total	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
845	Electric Transmission	SPS Asset Sales	This project sold SPS assets to Sharyland Utilities and sold a 69-kV line to Lea County Electric Cooperative.	SPS Zonal	OT
846	Electric Transmission	SPS Asset Sales Total			
847	Electric Transmission	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.	SPS Zonal	RE
848	Electric Transmission	SPS Facility Rating Mitigation			
849	Electric Transmission	SPS Facility Rating Mitigation			
850	Electric Transmission	SPS Facility Rating Mitigation			
851	Electric Transmission	SPS Facility Rating Mitigation			
852	Electric Transmission	SPS Facility Rating Mitigation			
853	Electric Transmission	SPS Facility Rating Mitigation			
854	Electric Transmission	SPS Facility Rating Mitigation Total			
855	Electric Transmission	SPS Group 1 Switch Replacements	These projects replaced old high-maintenance or broken switches with new switches.	SPS Zonal	SR
856	Electric Transmission	SPS Group 1 Switch Replacements			
857	Electric Transmission	SPS Group 1 Switch Replacements Total	This project surveyed and verified the line ratings of the SPS transmission system for lines above 100-kV. This project is a required response to a North American Electric Reliability Corporation ("NERC") Facility Ratings Alert, issued October 7, 2010 and updated on November 30, 2010, requiring transmission owners to verify that transmission line ratings are based on actual field conditions and, if not, perform necessary activities to base ratings on actual field conditions. The survey was done using Light Detection And Ranging ("LiDAR") technology that uses a laser to make highly accurate distance measurements. This project provided for the survey work and any mitigations that were needed to raise the facility capacity ratings if the field results were less than expected.	SPS Zonal	SR
858	Electric Transmission	SPS Line Capacity			
859	Electric Transmission	SPS Line Capacity			
860	Electric Transmission	SPS Line Capacity			
861	Electric Transmission	SPS Line Capacity Total			
862	Electric Transmission	SPS Major Line Refurbishment		SPS Zonal	SR
863	Electric Transmission	SPS Major Line Refurbishment			

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(A) Line No.	(B) 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 - December 31, 2020)
864	Electric Transmission	SPS Major Line Refurbishment Total				522,767.07
865	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.004	TUCO SPE relay Upgrades TX	201911	233,222.25
866	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.004	TUCO SPE relay Upgrades TX	202002	1,794,926.89
867	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.004	TUCO SPE relay Upgrades TX	202010	0.01
868	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.033	Indiana V15 SPE Relay Upgrades TX	202005	799,766.43
869	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.033	Indiana V15 SPE Relay Upgrades TX	202012	(0.25)
870	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.034	Cochran V56 Line SPE Relay Upgrades	202005	874,108.49
871	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.046	Hockley T31 Line SPE Relay Upgrades	202012	585,474.62
872	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.087	Hale Co SPE Relay UPGS TX	202012	613,431.34
873	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts Total				4,900,929.78
874	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.001	SPS Sub Comm Network Group 1 L	201812	2,281.87
875	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.001	SPS Sub Comm Network Group 1 L	201912	231,604.15
876	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.001	SPS Sub Comm Network Group 1 L	202003	231,878.82
877	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.001	SPS Sub Comm Network Group 1 L	201912	(1.41)
878	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.001	SPS Sub Comm Network Group 1 L	202002	460,253.28
879	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.001	SPS Sub Comm Network Group 1 L	202012	345,267.60
880	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.002	SPS Sub Comm Network Group 1 S	201711	3,782.85
881	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.002	SPS Sub Comm Network Group 1 S	201912	69.36
882	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.002	SPS Sub Comm Network Group 1 S	201912	349,914.29
883	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.002	SPS Sub Comm Network Group 1 S	202003	57,143.44
884	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.002	SPS Sub Comm Network Group 1 S	201910	0.12
885	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.002	SPS Sub Comm Network Group 1 S	202005	211,749.73
886	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.005	SPS Sub Comm Network Group 1 L 230k	202012	1,016,929.85
887	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.009	Kirby Fiber Ring Sub	202005	207,903.10
888	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.010	Kirby Jericho T-52 115kV Line	202005	455,240.05
889	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.013	PTCO Fiber Ring Sub	202012	102,461.58
890	Electric Transmission	SPS Sub Communication Network Group 1	A.0000795.016	HRST-EAPL K-44 230kV Line	202012	514,556.25

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(A) Line No.	(A) Asset Class	(B) WBS Level 1 Project Group Name	(G) XES Charges (Included in Column F)	(H) Other Affiliate Charges (Included in Column F)	(I) Total Affiliate Charges (Included in Column F)	(J) Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)
864	Electric Transmission	SPS Major Line Refurbishment Total	2,569.31	-	2,569.31	520,197.76
865	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	480.54	-	480.54	232,741.71
866	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	60,145.41	-	60,145.41	1,734,781.48
867	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	-	-	-	0.01
868	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	24,304.62	-	24,304.62	775,461.81
869	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	-	-	-	(0.25)
870	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	7,403.74	-	7,403.74	866,704.75
871	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	848.91	-	848.91	584,625.71
872	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	5,182.22	-	5,182.22	608,249.12
873	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts	98,365.44	-	98,365.44	4,802,564.34
		SPS SPE Fault Clearing Relay Rplmnts Total				
874	Electric Transmission	SPS Sub Communication Network Group 1	-	-	-	2,281.87
875	Electric Transmission	SPS Sub Communication Network Group 1	9,278.73	-	9,278.73	222,325.42
876	Electric Transmission	SPS Sub Communication Network Group 1	12,042.05	-	12,042.05	219,836.77
877	Electric Transmission	SPS Sub Communication Network Group 1	(581.08)	-	(581.08)	579.67
878	Electric Transmission	SPS Sub Communication Network Group 1	14,323.50	-	14,323.50	445,929.78
879	Electric Transmission	SPS Sub Communication Network Group 1	3,487.30	-	3,487.30	341,780.30
880	Electric Transmission	SPS Sub Communication Network Group 1	3,485.08	-	3,485.08	297.77
881	Electric Transmission	SPS Sub Communication Network Group 1	-	-	-	69.36
882	Electric Transmission	SPS Sub Communication Network Group 1	4,309.36	-	4,309.36	345,604.93
883	Electric Transmission	SPS Sub Communication Network Group 1	950.75	-	950.75	56,192.69
884	Electric Transmission	SPS Sub Communication Network Group 1	-	-	-	0.12
885	Electric Transmission	SPS Sub Communication Network Group 1	5,427.29	-	5,427.29	206,322.44
886	Electric Transmission	SPS Sub Communication Network Group 1	7,329.03	-	7,329.03	1,009,600.82
887	Electric Transmission	SPS Sub Communication Network Group 1	5,489.20	-	5,489.20	202,413.90
888	Electric Transmission	SPS Sub Communication Network Group 1	16,760.98	-	16,760.98	438,479.07
889	Electric Transmission	SPS Sub Communication Network Group 1	1,592.98	-	1,592.98	100,868.60
890	Electric Transmission	SPS Sub Communication Network Group 1	16,794.50	-	16,794.50	497,761.75

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(A)	(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Project Category
864	Electric Transmission	SPS Major Line Refurbishment Total		SR
			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.	
865	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts		
866	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts		
867	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts		
868	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts		
869	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts		
870	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts		
871	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts		
872	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts		
873	Electric Transmission	SPS SPE Fault Clearing Relay Rplmnts Total	This project replaced existing protective relaying systems to eliminate long clearing times inherent in these existing relaying systems. Replacement of these relaying systems addresses the compliance requirements of NERC TPL-001-4 and will eliminate the long clearing times, increasing the reliability of the system, increasing crew safety during hot line clearances, and preventing possible damage to equipment.	RE
				SPS Zonal
874	Electric Transmission	SPS Sub Communication Network Group I		
875	Electric Transmission	SPS Sub Communication Network Group I		
876	Electric Transmission	SPS Sub Communication Network Group I		
877	Electric Transmission	SPS Sub Communication Network Group I		
878	Electric Transmission	SPS Sub Communication Network Group I		
879	Electric Transmission	SPS Sub Communication Network Group I		
880	Electric Transmission	SPS Sub Communication Network Group I		
881	Electric Transmission	SPS Sub Communication Network Group I		
882	Electric Transmission	SPS Sub Communication Network Group I		
883	Electric Transmission	SPS Sub Communication Network Group I		
884	Electric Transmission	SPS Sub Communication Network Group I		
885	Electric Transmission	SPS Sub Communication Network Group I		
886	Electric Transmission	SPS Sub Communication Network Group I		
887	Electric Transmission	SPS Sub Communication Network Group I		
888	Electric Transmission	SPS Sub Communication Network Group I		
889	Electric Transmission	SPS Sub Communication Network Group I		
890	Electric Transmission	SPS Sub Communication Network Group I		

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(A)		(B)		(C)		(D)	(E)	(F)
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 - December 31, 2020)
891	Electric Transmission	SPS Sub Communication Network Group 1 Total						4,191,034.93
892	Electric Transmission	SPS Sub Communication Network Group 3		A.0000792.002		SPS Sub Comm Network Group 3 S	201909	640.44
893	Electric Transmission	SPS Sub Communication Network Group 3 Total						640.44
894	Electric Transmission	SPS Switch Replace		A.0000514.002		Plant X 115kV Switch Replacement	202002	2,752,915.33
895	Electric Transmission	SPS Switch Replace		A.0000514.004		Carlsbad 115kV Switch Replacement	202005	4,616,352.37
896	Electric Transmission	SPS Switch Replace		A.0000514.006		Pecos Sub Relay Upg-Carlsbad	202005	249,116.61
897	Electric Transmission	SPS Switch Replace		A.0000514.008		Denver City Sw W932/982/991/992	202007	29.19
898	Electric Transmission	SPS Switch Replace Total						7,618,413.50
899	Electric Transmission	SPS Trench CT/PT Replacement		A.0000094.001		Noble Substation 345kV	201207	84.03
900	Electric Transmission	SPS Trench CT/PT Replacement Total						84.03
901	Electric Transmission	SPS Walkemeyer 345 115 280 MVA SUB		A.0001310.002		Reterm 345KV Line Old J7	201806	(143,801.61)
902	Electric Transmission	SPS Walkemeyer 345 115 280 MVA SUB		A.0001310.003		Walkemeyer 345/115 Sub	201806	14,043.43
903	Electric Transmission	SPS Walkemeyer 345 115 280 MVA SUB Total						(129,758.18)
904	Electric Transmission	Sundown 115kV Capacitor Bank		A.0001295.002		Sundown 115kV Capacitor Bank	202011	898,456.52
905	Electric Transmission	Sundown 115kV Capacitor Bank Total						898,456.52
906	Electric Transmission	Sundown 230/115 Auto Upgrade		A.0001151.001		Sundown Transformer Upgrade	202012	7,377,234.83

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(A) Line No.	(B) Asset Class	(C) WBS Level 1 Project Group Name	(D) XES Charges (Included in Column F)	(E) Other Affiliate Charges (Included in Column F)	(F) Total Affiliate Charges (Included in Column F)	(G) Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)
891	Electric Transmission	SPS Sub Communication Network Group 1 Total	100,689.67	-	100,689.67	4,090,345.26
892	Electric Transmission	SPS Sub Communication Network Group 3	-	-	-	640.44
893	Electric Transmission	SPS Sub Communication Network Group 3 Total	-	-	-	640.44
894	Electric Transmission	SPS Switch Replace	6,969.56	-	6,969.56	2,745,945.77
895	Electric Transmission	SPS Switch Replace	28,069.44	-	28,069.44	4,588,282.93
896	Electric Transmission	SPS Switch Replace	7,307.52	-	7,307.52	241,809.09
897	Electric Transmission	SPS Switch Replace	42.65	-	42.65	(13.46)
898	Electric Transmission	SPS Switch Replace Total	42,389.17	-	42,389.17	7,576,024.33
899	Electric Transmission	SPS Trench CT/PT Replacement	-	-	-	84.03
900	Electric Transmission	SPS Trench CT/PT Replacement Total	-	-	-	84.03
901	Electric Transmission	SPS Walkemeyer 345 115 280 MVA SUB	-	-	-	(143,801.61)
902	Electric Transmission	SPS Walkemeyer 345 115 280 MVA SUB	2,651.62	-	2,651.62	11,391.81
903	Electric Transmission	SPS Walkemeyer 345 115 280 MVA SUB Total	2,651.62	-	2,651.62	(132,409.80)
904	Electric Transmission	Sundown 115kV Capacitor Bank	5,506.33	-	5,506.33	892,950.19
905	Electric Transmission	Sundown 115kV Capacitor Bank Total	5,506.33	-	5,506.33	892,950.19
906	Electric Transmission	Sundown 230/115 Auto Upgrade	42,991.22	-	42,991.22	7,334,243.61

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Transmission Capital Additions
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(A)	(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Project Category
891	Electric Transmission	SPS Sub Communication Network Group 1 Total	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 Anarillo 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 Anarillo 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.	OT
892	Electric Transmission	SPS Sub Communication Network Group 3	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 Anarillo 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 Anarillo 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.	OT
893	Electric Transmission	SPS Sub Communication Network Group 3 Total		
894	Electric Transmission	SPS Switch Replace		
895	Electric Transmission	SPS Switch Replace		
896	Electric Transmission	SPS Switch Replace		
897	Electric Transmission	SPS Switch Replace		
898	Electric Transmission	SPS Switch Replace Total	This project replaced switches with cap and pin insulators because these cap and pin insulators have a long history of high failure rates. The new switches installed use a better design of insulator and will provide much improved reliability over the switches they replaced.	SR
899	Electric Transmission	SPS Trench CT/PT Replacement		
900	Electric Transmission	SPS Trench CT/PT Replacement Total	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.	GI
901	Electric Transmission	SPS Walkemeyer 345 115 280 MVA SUB		
902	Electric Transmission	SPS Walkemeyer 345 115 280 MVA SUB		
903	Electric Transmission	SPS Walkemeyer 345 115 280 MVA SUB Total	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.	RE
904	Electric Transmission	Sundown 115kV Capacitor Bank		
905	Electric Transmission	Sundown 115kV Capacitor Bank Total	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.	SR
906	Electric Transmission	Sundown 230/115 Auto Upgrade		

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(A) Line No.	(B) Asset Class	(C) WBS Level 1 Project Group Name	(D) WBS Level 2 Number	(E) WBS Level 2 Description	(F) In-Service Date (year-month)	(G) Capital Additions (July 1, 2019 - December 31, 2020)
907	Electric Transmission	Sundown 230/115 Auto Upgrade Total				7,377,234.83
908	Electric Transmission	sundown-amoco switch 230kV terminals	A.0000663.001	Sundown Sub, Amoco Terminal	201902	96,052.18
909	Electric Transmission	sundown-amoco switch 230kV terminals	A.0000663.002	Amoco Sub, Sundown Terminal	201902	80,755.99
910	Electric Transmission	sundown-amoco switch 230kV terminals	A.0000663.005	K03 Structure Upgrade	201902	8,314.60
911	Electric Transmission	sundown-amoco switch 230kV terminals Total				185,122.77
912	Electric Transmission	T-30 Terminal Upgrades	A.0001042.002	T30 Structure Replacement	201911	140,279.78
913	Electric Transmission	T-30 Terminal Upgrades	A.0001042.004	T30 Structures RPLMT Full Cond TX	201911	73,574.54
914	Electric Transmission	T-30 Terminal Upgrades Total				213,854.32
915	Electric Transmission	Targa Cardinal Reconductor 115kV Line	A.0001312.003	Targa Cardinal Sub	201807	(79.97)
916	Electric Transmission	Targa Cardinal Reconductor 115kV Line Total				(79.97)
917	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.010	Tierra Blanca 115kV Sub Land	202007	950,806.63
918	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.011	U42 DSTG-TIBL 115kV ROW	202010	9,677.32
919	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.016	U44 TIBL-HFRD 115kV ROW	202010	29,330.70
920	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.025	U46 TIBL-HFNE 115kV ROW	202010	13,114.55
921	Electric Transmission	Tierra Blanca 115kV Substation	A.0001044.028	U43 DSTG-TIBL 115kV ROW	202010	15,734.76
922	Electric Transmission	Tierra Blanca 115kV Substation Total				1,018,663.96
923	Electric Transmission	Tuco Intg 345/230kV Auto #1 upgrade	A.0000564.002	Tuco 345 Trsf Rplmnt Sub Portion	201805	2,203,625.06
924	Electric Transmission	Tuco Intg 345/230kV Auto #1 upgrade Total				2,203,625.06
925	Electric Transmission	TUCO Moerland (Woodward)	A.0000417.015	TUCO-Moerland Woodward TX ROW 2017	202008	10,084.19
926	Electric Transmission	TUCO Moerland (Woodward)	A.0000665.005	TUCO Moerland Woodward TX RO	202004	269,914.41

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(A) Line No.	(B) Asset Class	(C) WBS Level 1 Project Group Name	(D) XES Charges (Included in Column F)	(E) Other Affiliate Charges (Included in Column F)	(F) Total Affiliate Charges (Included in Column F)	(G) Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)
907	Electric Transmission	Sundown 230/115 Auto Upgrade Total	42,991.22	-	42,991.22	7,334,243.61
908	Electric Transmission	sundown-amoco switch 230kV terminals	-	-	-	96,052.18
909	Electric Transmission	sundown-amoco switch 230kV terminals	-	-	-	80,755.99
910	Electric Transmission	sundown-amoco switch 230kV terminals	-	-	-	8,314.60
911	Electric Transmission	sundown-amoco switch 230kV terminals Total	-	-	-	185,122.77
912	Electric Transmission	T-30 Terminal Upgrades	5,044.87	-	5,044.87	135,234.91
913	Electric Transmission	T-30 Terminal Upgrades	506.41	-	506.41	73,068.13
914	Electric Transmission	T-30 Terminal Upgrades Total	5,551.28	-	5,551.28	208,303.04
915	Electric Transmission	Targa Cardinal Reconnector 115kV Line	-	-	-	(79.97)
916	Electric Transmission	Targa Cardinal Reconnector 115kV Line Total	-	-	-	(79.97)
917	Electric Transmission	Tierra Blanca 115kV Substation	28,607.51	-	28,607.51	922,199.12
918	Electric Transmission	Tierra Blanca 115kV Substation	1,059.80	-	1,059.80	8,617.52
919	Electric Transmission	Tierra Blanca 115kV Substation	529.91	-	529.91	28,800.79
920	Electric Transmission	Tierra Blanca 115kV Substation	-	-	-	13,114.55
921	Electric Transmission	Tierra Blanca 115kV Substation	-	-	-	15,734.76
922	Electric Transmission	Tierra Blanca 115kV Substation Total	30,197.22	-	30,197.22	988,466.74
923	Electric Transmission	Tuco Intg 345/230kV Auto #1 upgrade	-	-	-	2,203,625.06
924	Electric Transmission	Tuco Intg 345/230kV Auto #1 upgrade Total	-	-	-	2,203,625.06
925	Electric Transmission	TUCO Mooreland (Woodward)	-	-	-	10,084.19
926	Electric Transmission	TUCO Mooreland (Woodward)	-	-	-	269,914.41

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(A)	(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Project Category
907	Electric Transmission	Sundown 230/115 Auto Upgrade Total	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.	RE
908	Electric Transmission	sundown-amoco switch 230kV terminals		
909	Electric Transmission	sundown-amoco switch 230kV terminals		
910	Electric Transmission	sundown-amoco switch 230kV terminals		
911	Electric Transmission	sundown-amoco switch 230kV terminals Total	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.	RE
912	Electric Transmission	T-30 Terminal Upgrades		
913	Electric Transmission	T-30 Terminal Upgrades		
914	Electric Transmission	T-30 Terminal Upgrades Total	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.	RE
915	Electric Transmission	Targa Cardinal Reconnector 115kV Line		
916	Electric Transmission	Targa Cardinal Reconnector 115kV Line Total	This project re-conducted the 2.6-mile, 115-kV transmission circuit running from Targa Substation to the Cardinal Switching Station. This project was needed to eliminate the overloading of this segment during certain system conditions. SPP issued SPS an NTC for this project.	RE
917	Electric Transmission	Tierra Blanca 115kV Substation		
918	Electric Transmission	Tierra Blanca 115kV Substation		
919	Electric Transmission	Tierra Blanca 115kV Substation		
920	Electric Transmission	Tierra Blanca 115kV Substation		
921	Electric Transmission	Tierra Blanca 115kV Substation		
922	Electric Transmission	Tierra Blanca 115kV Substation Total	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.	RE
923	Electric Transmission	Tucos Intg 345/230kV Auto #1 upgrade		
924	Electric Transmission	Tucos Intg 345/230kV Auto #1 upgrade Total	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.	GI
925	Electric Transmission	TUCO Mooreland (Woodward)		
926	Electric Transmission	TUCO Mooreland (Woodward)		

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(A)		(B)		(C)		(D)	(E)	(F)
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 - December 31, 2020)
927	Electric Transmission	TUCO Mooreland (Woodward) Total						279,998.60
928	Electric Transmission	TUCO S 230 115 Xfmr Upgrade		A.0001316.001		TUCO S. 230/115 Xfmr Upgrade	201906	4,225.96
929	Electric Transmission	TUCO S 230 115 Xfmr Upgrade Total						4,225.96
930	Electric Transmission	Tucos SVC Control and Protection Repl		A.0001176.001		Tucos SVC Sub	202012	3,501,122.65
931	Electric Transmission	Tucos SVC Control and Protection Repl		A.0001176.002		TUCO NK80 and NK75 TERM UPGRD	202012	336,695.42
932	Electric Transmission	Tucos SVC Control and Protection Repl Total						3,837,818.07
933	Electric Transmission	TxDot Relocate		A.0001383.001		TxDot T 37 Relocate	202011	1,778,140.88
934	Electric Transmission	TxDot Relocate		A.0001383.002		TxDot T 37 Relocate ROW	202004	1,188,740.46
935	Electric Transmission	TxDot Relocate		A.0001383.003		TxDot T-36 Relocate	202011	482,113.62
936	Electric Transmission	TxDot Relocate		A.0001383.004		TxDot Z-33 Relocate	202011	103,568.54
937	Electric Transmission	TxDot Relocate Total						3,552,563.50
938	Electric Transmission	Unserviceable - Breakers - SPS		A.0000287.035		Potash 4920 Breaker Rplmnt	201710	(7,917.99)
939	Electric Transmission	Unserviceable - Breakers - SPS		A.0000798.012		Cole Rpl Breaker 0845	201612	(387,135.66)
940	Electric Transmission	Unserviceable - Breakers - SPS Total						(395,053.65)
941	Electric Transmission	Unserviceable - Relays - SPS		A.0000589.011		Roswell Int 115kV Buss Diff	201905	(18,320.41)
942	Electric Transmission	Unserviceable - Relays - SPS Total						(18,320.41)
943	Electric Transmission	V24 Terry & Wolfforth Terminal Upgrades		A.0001244.001		Terry Co Sub V24 Term Upgrade	201912	356,236.23
944	Electric Transmission	V24 Terry & Wolfforth Terminal Upgrades		A.0001244.003		V24 T Line	202002	183,185.26
945	Electric Transmission	V24 Terry & Wolfforth Terminal Upgrades Total						539,421.49

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(A)		(B)	(G)	(H)	(I)	(J)
Line No.	Asset Class	WBS Level 1 Project Group Name	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)	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)
927	Electric Transmission	TUCO Mooreland (Woodward) Total	-	-	-	279,998.60
928	Electric Transmission	TUCO S 230 115 Xfmr Upgrade	1,483.27	-	1,483.27	2,742.69
929	Electric Transmission	TUCO S 230 115 Xfmr Upgrade Total	1,483.27	-	1,483.27	2,742.69
930	Electric Transmission	Tuco SVC Control and Protection Repl	14,376.47	-	14,376.47	3,486,746.18
931	Electric Transmission	Tuco SVC Control and Protection Repl	5,306.68	-	5,306.68	331,388.74
932	Electric Transmission	Tuco SVC Control and Protection Repl Total	19,683.15	-	19,683.15	3,818,134.92
933	Electric Transmission	TxDot Relocate	13,653.28	-	13,653.28	1,764,487.60
934	Electric Transmission	TxDot Relocate	1,891.87	-	1,891.87	1,186,848.59
935	Electric Transmission	TxDot Relocate	1,489.15	-	1,489.15	480,624.47
936	Electric Transmission	TxDot Relocate	3,897.22	-	3,897.22	99,671.32
937	Electric Transmission	TxDot Relocate Total	20,931.52	-	20,931.52	3,531,631.98
938	Electric Transmission	Unserviceable - Breakers - SPS	-	-	-	(7,917.99)
939	Electric Transmission	Unserviceable - Breakers - SPS	-	-	-	(387,135.66)
940	Electric Transmission	Unserviceable - Breakers - SPS Total	-	-	-	(395,053.65)
941	Electric Transmission	Unserviceable - Relays - SPS	-	-	-	(18,320.41)
942	Electric Transmission	Unserviceable - Relays - SPS Total	-	-	-	(18,320.41)
943	Electric Transmission	V24 Terry & Wolforth Terminal Upgrades	3,750.35	-	3,750.35	352,485.88
944	Electric Transmission	V24 Terry & Wolforth Terminal Upgrades	20,635.36	-	20,635.36	162,549.90
945	Electric Transmission	V24 Terry & Wolforth Terminal Upgrades Total	24,385.71	-	24,385.71	515,035.78

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(A)	(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Cost Recovery Method
927	Electric Transmission	TUCO Mooreland (Woodward) Total	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
928	Electric Transmission	TUCO S 230 115 Xfmr Upgrade	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
929	Electric Transmission	TUCO S 230 115 Xfmr Upgrade Total		RE
930	Electric Transmission	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.	SPS Zonal
931	Electric Transmission	TucO SVC Control and Protection Repl		SR
932	Electric Transmission	TucO SVC Control and Protection Repl Total		
933	Electric Transmission	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.	SPS Zonal/Customer Funded
934	Electric Transmission	TxDot Relocate		OT
935	Electric Transmission	TxDot Relocate		
936	Electric Transmission	TxDot Relocate		
937	Electric Transmission	TxDot Relocate Total		
938	Electric Transmission	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.	SR
939	Electric Transmission	Unserviceable - Breakers - SPS		
940	Electric Transmission	Unserviceable - Breakers - SPS Total		SR
941	Electric Transmission	Unserviceable - Relays - SPS	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.	SR
942	Electric Transmission	Unserviceable - Relays - SPS Total		SR
943	Electric Transmission	V24 Terry & Wolforth Terminal Upgrades	This project upgraded the existing V24 substation terminal elements at both Wolforth 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.	RE
944	Electric Transmission	V24 Terry & Wolforth Terminal Upgrades		
945	Electric Transmission	V24 Terry & Wolforth Terminal Upgrades Total		RE

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(A)		(B)		(C)		(D)	(E)	(F)
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 - December 31, 2020)	
946	Electric Transmission	V55 Terminal Upgrades		A.0001147.002	V55 Terry Co Terminal	201912	351,383.83	
947	Electric Transmission	V55 Terminal Upgrades Total					351,383.83	
948	Electric Transmission	V63 Reconnector Etter Rural - Moore Co 115kV Line		A.0001050.003	Upgr Etter Rural 115kV (V63) Term t	202003	275.47	
949	Electric Transmission	V63 Reconnector Etter Rural - Moore Co 115kV Line Total					275.47	
950	Electric Transmission	V72 Terminal Upgrades at Hale		A.0001051.002	Hale, V72 Term Upgrade 2	202011	97,725.67	
951	Electric Transmission	V72 Terminal Upgrades at Hale Total					97,725.67	
952	Electric Transmission	W26 Reconnector Cunningham-Monument Tap		A.0000635.001	W-26 Cunningham-Monument Tap wreck	201912	3,826,197.66	
953	Electric Transmission	W26 Reconnector Cunningham-Monument Tap					294,472.66	
954	Electric Transmission	W26 Reconnector Cunningham-Monument Tap		A.0000635.004	W26 Cunningham Monument Tap ROW	201909	199,768.59	
955	Electric Transmission	W26 Reconnector Cunningham-Monument Tap Total					4,320,438.91	
956	Electric Transmission	W40 Reconnector Canyon West-Deaf Smith		A.0001319.007	W40 Recond Canyon WDeaf Smith	201802	1,880.78	
957	Electric Transmission	W40 Reconnector Canyon West-Deaf Smith					130,907.68	
958	Electric Transmission	W40 Reconnector Canyon West-Deaf Smith		A.0001319.011	Deaf Smith W40 Term Upgr	201811	(2,479.12)	
959	Electric Transmission	W40 Reconnector Canyon West-Deaf Smith Total					130,309.34	
960	Electric Transmission	W71 Terminal Upgrades at Coulter		A.0001054.001	Coulter Switch Replacemnts	202004	256,153.51	
961	Electric Transmission	W71 Terminal Upgrades at Coulter Total					256,153.51	
962	Electric Transmission	W77 Canyon East Tap to Arrowhead		A.0002055.001	W77 Canyon East Tap to Arrowhe	202003	6,160,550.35	
963	Electric Transmission	W77 Canyon East Tap to Arrowhead					143,861.89	
964	Electric Transmission	W77 Canyon East Tap to Arrowhead Total		A.0002055.003	Wreckout and Rebuild ROW	201912	6,304,412.24	
965	Electric Transmission	W77 T75 Reconnector Arrowhead to Randall		A.0001325.006	W77-T75Recond ArrowheadRandall	201905	(112,288.82)	
966	Electric Transmission	W77 T75 Reconnector Arrowhead to Randall					45,383.96	
967	Electric Transmission	W77 T75 Reconnector Arrowhead to Randall		A.0001325.008	V04 Reconnector	201906	0.12	
968	Electric Transmission	W77 T75 Reconnector Arrowhead to Randall					24,591.57	
969	Electric Transmission	W77 T75 Reconnector Arrowhead to Randall		A.0001325.010	K62 Line crossing Upgrade	201906	(35,902.75)	

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(A)		(B)	(G)	(H)	(I)	(J)
Line No.	Asset Class	WBS Level 1 Project Group Name	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)	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)
946	Electric Transmission	V55 Terminal Upgrades	12,675.17	-	12,675.17	338,708.66
947	Electric Transmission	V55 Terminal Upgrades Total	12,675.17	-	12,675.17	338,708.66
948	Electric Transmission	V63 Reconductor Etter Rural - Moore Co 115kV Line	280.99	-	280.99	(5.52)
949	Electric Transmission	V63 Reconductor Etter Rural - Moore Co 115kV Line	280.99	-	280.99	(5.52)
950	Electric Transmission	V72 Terminal Upgrades at Hale	72.00	-	72.00	97,653.67
951	Electric Transmission	V72 Terminal Upgrades at Hale Total	72.00	-	72.00	97,653.67
952	Electric Transmission	W26 Reconductor Cunningham-Monument Tap	119,433.89	-	119,433.89	3,706,763.77
953	Electric Transmission	W26 Reconductor Cunningham-Monument Tap	(14,769.83)	-	(14,769.83)	309,242.49
954	Electric Transmission	W26 Reconductor Cunningham-Monument Tap	414.18	-	414.18	199,354.41
955	Electric Transmission	W26 Reconductor Cunningham-Monument Tap Total	105,078.24	-	105,078.24	4,215,360.67
956	Electric Transmission	W40 Reconductor Canyon West-Deaf Smith	1,996.24	-	1,996.24	(115.46)
957	Electric Transmission	W40 Reconductor Canyon West-Deaf Smith	-	-	-	130,907.68
958	Electric Transmission	W40 Reconductor Canyon West-Deaf Smith	4,855.49	-	4,855.49	(7,334.61)
959	Electric Transmission	W40 Reconductor Canyon West-Deaf Smith Total	6,851.73	-	6,851.73	123,457.61
960	Electric Transmission	W71 Terminal Upgrades at Coulter	55.51	-	55.51	256,098.00
961	Electric Transmission	W71 Terminal Upgrades at Coulter Total	55.51	-	55.51	256,098.00
962	Electric Transmission	W77 Canyon East Tap to Arrowhead	222,259.50	-	222,259.50	5,938,290.85
963	Electric Transmission	W77 Canyon East Tap to Arrowhead	6,247.62	-	6,247.62	137,614.27
964	Electric Transmission	W77 Canyon East Tap to Arrowhead Total	228,507.12	-	228,507.12	6,075,905.12
965	Electric Transmission	W77 T75 Reconductor Arrowhead to Randall	10,273.14	-	10,273.14	(122,561.96)
966	Electric Transmission	W77 T75 Reconductor Arrowhead to Randall	-	-	-	45,383.96
967	Electric Transmission	W77 T75 Reconductor Arrowhead to Randall	-	-	-	0.12
968	Electric Transmission	W77 T75 Reconductor Arrowhead to Randall	-	-	-	24,591.57
969	Electric Transmission	W77 T75 Reconductor Arrowhead to Randall	-	-	-	(35,902.75)

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(A)	(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Project Category
946	Electric Transmission	V55 Terminal Upgrades		
947	Electric Transmission	V55 Terminal Upgrades Total	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.	RE
948	Electric Transmission	V63 Reconnector Etter Rural - Moore Co 115kV Line		
949	Electric Transmission	V63 Reconnector Etter Rural - Moore Co 115kV Line	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.	RE
950	Electric Transmission	V72 Terminal Upgrades at Hale		
951	Electric Transmission	V72 Terminal Upgrades at Hale Total	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.	RE
952	Electric Transmission	W26 Reconnector Cunningham-Monument Tap		
953	Electric Transmission	W26 Reconnector Cunningham-Monument Tap		
954	Electric Transmission	W26 Reconnector Cunningham-Monument Tap		
955	Electric Transmission	W26 Reconnector Cunningham-Monument Tap Total	This project rebuilt the 6.5-mile, 115-kV line from Cunningham Generation Plant to Monument Substation Tap to achieve a minimum summer emergency rating of 184 MVA to address regional reliability issues. SPP issued SPS an NTC for this project.	RE
956	Electric Transmission	W40 Reconnector Canyon West-Deaf Smith		
957	Electric Transmission	W40 Reconnector Canyon West-Deaf Smith		
958	Electric Transmission	W40 Reconnector Canyon West-Deaf Smith		
959	Electric Transmission	W40 Reconnector Canyon West-Deaf Smith Total	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.	RE
960	Electric Transmission	W71 Terminal Upgrades at Coulter		
961	Electric Transmission	W71 Terminal Upgrades at Coulter Total	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.	RE
962	Electric Transmission	W77 Canyon East Tap to Arrowhead		
963	Electric Transmission	W77 Canyon East Tap to Arrowhead		
964	Electric Transmission	W77 Canyon East Tap to Arrowhead Total	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.	RE
965	Electric Transmission	W77 T75 Reconnector Arrowhead to Randall		
966	Electric Transmission	W77 T75 Reconnector Arrowhead to Randall		
967	Electric Transmission	W77 T75 Reconnector Arrowhead to Randall		
968	Electric Transmission	W77 T75 Reconnector Arrowhead to Randall		
969	Electric Transmission	W77 T75 Reconnector Arrowhead to Randall		

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July 1, 2019 through December 31, 2020

(A)		(B)		(C)		(D)	(E)	(F)
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 - December 31, 2020)
970	Electric Transmission	W77 T75 Reconnector Arrowhead to Randall Total						(78,215.92)
971	Electric Transmission	Western St Sub (TAM)		A.0001137.001		U-31 reterm Western St Sub	202005	238,554.30
972	Electric Transmission	Western St Sub (TAM)		A.0001137.002		U-30 reterm Western St Sub	202005	214,707.67
973	Electric Transmission	Western St Sub (TAM)		A.0001137.003		Western St Sub U-30 terminal (Coult)	202005	(288,174.46)
974	Electric Transmission	Western St Sub (TAM)		A.0001137.003		Western St Sub U-30 terminal (Coult)	202012	1,321,064.66
975	Electric Transmission	Western St Sub (TAM)		A.0001137.004		Western St Sub U-31 terminal (S Geo)	202005	(111,854.22)
976	Electric Transmission	Western St Sub (TAM)		A.0001137.004		Western St Sub U-31 terminal (S Geo)	202012	674,284.41
977	Electric Transmission	Western St Sub (TAM)		A.0001137.005		SOGE, U-31 terminal	202005	107,256.01
978	Electric Transmission	Western St Sub (TAM)		A.0001137.006		CLTR, U-30 terminal	202004	151,750.65
979	Electric Transmission	Western St Sub (TAM) Total						2,307,589.02
980	Electric Transmission	Wolfforth 2nd 230/115 kV auto addition		A.0000655.001		Wolfforth 2nd 230/115kV auto additi	202012	845.06
981	Electric Transmission	Wolfforth 2nd 230/115 kV auto addition Total						845.06
982	Electric Transmission	Xfmr Spare Security SPS		A.0000776.003		Spare 230 115 250 MVA	202001	2,347,775.59
983	Electric Transmission	Xfmr Spare Security SPS Total						2,347,775.59
984	Electric Transmission	Yoakum 115kV BFR		A.0000658.001		Yoakum	201902	(47,060.92)
985	Electric Transmission	Yoakum 115kV BFR		A.0000658.002		Seagraves	201901	30,859.62
986	Electric Transmission	Yoakum 115kV BFR Total						(16,201.30)
987	Electric Transmission	Yoakum Intg. 230/115 Transformer Upgrades		A.0001326.001		Yoakum 230/115 Xfmr 1 Upgrade	201903	91,196.25
988	Electric Transmission	Yoakum Intg. 230/115 Transformer Upgrades		A.0001326.003		Yoakum 230/115 Transformer 2 Upgrad	201905	(389,839.71)
989	Electric Transmission	Yoakum Intg. 230/115 Transformer Upgrades Total						(298,643.46)
990	Electric Transmission	Z18 Tuco Plainview Line		A.0001114.001		Z18 Tuco-Plainview Line Ph 4	202010	956,087.95

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(A) Line No.	Asset Class	(B) WBS Level 1 Project Group Name	(G) XES Charges (Included in Column F)	(H) Other Affiliate Charges (Included in Column F)	(I) Total Affiliate Charges (Included in Column F)	(J) Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)
970	Electric Transmission	W77 T75 Reconnector Arrowhead to Randall Total	10,273.14	-	10,273.14	(88,489.06)
971	Electric Transmission	Western St Sub (TAM)	1,885.51	-	1,885.51	236,668.79
972	Electric Transmission	Western St Sub (TAM)	1,627.78	-	1,627.78	213,079.89
973	Electric Transmission	Western St Sub (TAM)	(911.10)	-	(911.10)	(287,263.36)
974	Electric Transmission	Western St Sub (TAM)	11,534.43	-	11,534.43	1,309,530.23
975	Electric Transmission	Western St Sub (TAM)	(911.10)	-	(911.10)	(110,943.12)
976	Electric Transmission	Western St Sub (TAM)	41,624.99	-	41,624.99	632,659.42
977	Electric Transmission	Western St Sub (TAM)	554.03	-	554.03	106,701.98
978	Electric Transmission	Western St Sub (TAM)	542.79	-	542.79	151,207.86
979	Electric Transmission	Western St Sub (TAM) Total	55,947.33	-	55,947.33	2,251,641.69
980	Electric Transmission	Wolfirth 2nd 230/115 kV auto addition	-	-	-	845.06
981	Electric Transmission	Wolfirth 2nd 230/115 kV auto addition Total	-	-	-	845.06
982	Electric Transmission	Xfmr Spare Security SPS	14,292.86	-	14,292.86	2,333,482.73
983	Electric Transmission	Xfmr Spare Security SPS Total	14,292.86	-	14,292.86	2,333,482.73
984	Electric Transmission	Yoakum 115kV BFR	32.28	-	32.28	(47,093.20)
985	Electric Transmission	Yoakum 115kV BFR	-	-	-	30,859.62
986	Electric Transmission	Yoakum 115kV BFR Total	32.28	-	32.28	(16,233.58)
987	Electric Transmission	Yoakum Intg. 230/115 Transformer Upgrades	178.77	-	178.77	91,017.48
988	Electric Transmission	Yoakum Intg. 230/115 Transformer Upgrades	481.26	-	481.26	(390,320.97)
989	Electric Transmission	Yoakum Intg. 230/115 Transformer Upgrades Total	660.03	-	660.03	(299,303.49)
990	Electric Transmission	Z18 Tuco Plainview Line	624.47	-	624.47	955,463.48

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(A)		(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Cost Recovery Method	Project Category
970	Electric Transmission	W77 175 Reconnector Arrowhead to Randall Total	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.	SPS Base Plan	RE
971	Electric Transmission	Western St Sub (TAM)			
972	Electric Transmission	Western St Sub (TAM)			
973	Electric Transmission	Western St Sub (TAM)			
974	Electric Transmission	Western St Sub (TAM)			
975	Electric Transmission	Western St Sub (TAM)			
976	Electric Transmission	Western St Sub (TAM)			
977	Electric Transmission	Western St Sub (TAM)			
978	Electric Transmission	Western St Sub (TAM)			
979	Electric Transmission	Western St Sub (TAM) Total		SPS Zonal	LI
980	Electric Transmission	Wolforth 2nd 230/115 kV auto addition	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 Base Plan	RE
981	Electric Transmission	Wolforth 2nd 230/115 kV auto addition Total			
982	Electric Transmission	Xfmr Spare Security SPS	This project was to add a second 230/115-kV transformer at Wolforth Interchange. However, the decision was later made to replace the existing transformer with a larger unit rather than add a second transformer. This project has been cancelled and these capital additions are in the process of being moved to the appropriate active project.	SPS Zonal	SR
983	Electric Transmission	Xfmr Spare Security SPS Total			
984	Electric Transmission	Yoakum 115kV BFR	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	RE
985	Electric Transmission	Yoakum 115kV BFR			
986	Electric Transmission	Yoakum 115kV BFR Total			
987	Electric Transmission	Yoakum Intg. 230/115 Transformer Upgrades	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
988	Electric Transmission	Yoakum Intg. 230/115 Transformer Upgrades			
989	Electric Transmission	Yoakum Intg. 230/115 Transformer Upgrades Total			
990	Electric Transmission	Z18 Tuco Plainview Line	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.	SPS Base Plan	RE

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(A)	(B)	(C)	(D)	(E)	(F)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	In-Service Date (year-month)
991	Electric Transmission	Z18 Tuco Plainview Line Total			956,087.95
992	Electric Transmission	Z18 Tuco Plainview Rebuild			
993	Electric Transmission	Z18 Tuco Plainview Rebuild Total	A.0000538.008	Z18 Tuco-Plainview Line	201912 650,670.72 650,670.72
994	Electric Transmission	Z66 Booker/Wade Conversion			
995	Electric Transmission	Z66 Booker/Wade Conversion	A.0000646.002	Perryton Substation Sub	201904 316,421.71
996	Electric Transmission	Z66 Booker/Wade Conversion Total	A.0000646.020	Perryton South Sub Removal	201906 784.63 317,206.34
997	Electric Transmission Total				\$ 437,718,282.75
998	Electric General	Amarillo West Upgrade			
999	Electric General	Amarillo West Upgrade Total	A.0000781.019	Outpost Comm	201906 (23,020.14) (23,020.14)
1000	Electric General	Atoka-Eagle Creek			
1001	Electric General	Atoka-Eagle Creek Total	A.0000540.017	Atoka Comm Sub Portion Comm	201812 (3,501.81) (3,501.81)
1002	Electric General	Carlisle Cap Bank Rplmt			
1003	Electric General	Carlisle Cap Bank Rplmt Total	A.0001243.002	Carlisle Cap Bank Rplmt Comm	202012 24,254.87 24,254.87
1004	Electric General	Chevron South Eddy Fields Load Addition			
1005	Electric General	Chevron South Eddy Fields Load Addition Total	A.0000175.002	Install 3 Way Switch Chevron Tap Co	201905 811.00 811.00
1006	Electric General	Cochran Co - Whiteface 115kv			
1007	Electric General	Cochran Co - Whiteface 115kv	A.0000194.006 A.0000194.007	Cochran RTU, Comm Cochran Comm Equipup	201812 56,301.16 8,631.60

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(A)	(B)	(G)	(H)	(I)	(J)	
Line No.	Asset Class	WBS Level 1 Project Group Name	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)	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)
991	Electric Transmission	Z18 Tuco Plainview Line Total	624.47	-	624.47	955,463.48
992	Electric Transmission	Z18 Tuco Plainview Rebuild	101,403.12	-	101,403.12	549,267.60
993	Electric Transmission	Z18 Tuco Plainview Rebuild Total	101,403.12	-	101,403.12	549,267.60
994	Electric Transmission	Z66 Booker/Wade Conversion	93.38	-	93.38	316,328.33
995	Electric Transmission	Z66 Booker/Wade Conversion	-	-	-	784.63
996	Electric Transmission	Z66 Booker/Wade Conversion Total	93.38	-	93.38	317,112.96
997	Electric Transmission Total		\$ 3,887,154.74	\$ 422.86	\$ 3,887,577.60	\$ 433,830,705.15
998	Electric General	Amarillo West Upgrade	10.20	-	10.20	(23,030.34)
999	Electric General	Amarillo West Upgrade Total	10.20	-	10.20	(23,030.34)
1000	Electric General	Atoka-Eagle Creek	-	-	-	(3,501.81)
1001	Electric General	Atoka-Eagle Creek Total	-	-	-	(3,501.81)
1002	Electric General	Carlisle Cap Bank Rplmt	624.45	-	624.45	23,630.42
1003	Electric General	Carlisle Cap Bank Rplmt Total	624.45	-	624.45	23,630.42
1004	Electric General	Chevron South Eddy Fields Load Addition	-	-	-	811.00
1005	Electric General	Chevron South Eddy Fields Load Addition Total	-	-	-	811.00
1006	Electric General	Cochran Co - Whiteface 115kv	-	-	-	56,301.16
1007	Electric General	Cochran Co - Whiteface 115kv	-	-	-	8,631.60

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(A)	(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Project Category
991	Electric Transmission	Z18 Tuco Plainview Line Total	This project was the fourth phase of a complete wreck out and rebuild of a portion of the 69-kV line Z-18. 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.	SR
992	Electric Transmission	Z18 Tuco Plainview Rebuild		SR
993	Electric Transmission	Z18 Tuco Plainview Rebuild Total	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.	SR
994	Electric Transmission	Z66 Booker/Wade Conversion		RE
995	Electric Transmission	Z66 Booker/Wade Conversion		RE
996	Electric Transmission	Z66 Booker/Wade Conversion Total	This project removed the existing 69-kV line Z-66 (Perryton to Booker) and replaced it with a new 115-kV transmission line. It also converted the existing Wade and Booker substations to 115-kV operation. The new source for these substations is the Ochiltree Substation 115-kV bus.	RE
997	Electric Transmission Total			
998	Electric General	Amarillo West Upgrade		RE
999	Electric General	Amarillo West Upgrade Total	This project provided for new infrastructure to provide service for Amarillo's expansion to the west.	RE
1000	Electric General	Atoka-Eagle Creek		RE
1001	Electric General	Atoka-Eagle Creek Total	This project constructed a 115-kV transmission line between the Atoka and Eagle Creek Substations near Artesia, New Mexico. The project is needed to address low voltages in the area. SPP issued SPS an NTC for this project.	RE
1002	Electric General	Carlisle Cap Bank Rplmt		SR
1003	Electric General	Carlisle Cap Bank Rplmt Total	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.	SR
1004	Electric General	Chevron South Eddy Fields Load Addition		LI
1005	Electric General	Chevron South Eddy Fields Load Addition Total	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.	LI
1006	Electric General	Cochran Co - Whiteface 115kv		
1007	Electric General	Cochran Co - Whiteface 115kv		

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(A)	(B)	(C)	(D)	(E)	(F)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 2 Number	WBS Level 2 Description	Capital Additions (July 1, 2019 - December 31, 2020)
1008	Electric General	Cochran Co - Whiteface 115kv Total			64,932.76
1009	Electric General	Deaf Smith 230kV Breaker Add	A.0000916.008	Bushland Comm	170,112.49
1010	Electric General	Deaf Smith 230kV Breaker Add	A.0000916.011	Deaf Smith 230kV breaker Add Sub Co	2,247.98
1011	Electric General	Deaf Smith 230kV Breaker Add Total			172,360.47
1012	Electric General	Eddy County Dbl Bus Dbl Brkr 230kV	A.0000290.008	Cunningham Intg Upgr Eddy Term Comm	(59,827.86)
1013	Electric General	Eddy County Dbl Bus Dbl Brkr 230kV	A.0000290.009	Seven Rivers Upgr Eddy Term COMM	(0.02)
1014	Electric General	Eddy County Dbl Bus Dbl Brkr 230kV Total			(59,827.88)
1015	Electric General	ELR - Relay - SPS	A.0000401.051	East Plt 2K50 Relay Rplmnt Comm	29,481.91
1016	Electric General	ELR - Relay - SPS	A.0000401.053	Blackhawk 1H70 Relay Upg COMM	16,788.37
1017	Electric General	ELR - Relay - SPS Total			46,270.28
1018	Electric General	Facility Upgrade Ancillary Equip	A.0001273.014	Coulter RTU Replacement	332,015.47
1019	Electric General	Facility Upgrade Ancillary Equip Total			332,015.47
1020	Electric General	Fault Recorders - SPS	A.0000556.017	Jones #1 DFR	289,949.70
1021	Electric General	Fault Recorders - SPS	A.0000556.018	Plant X 230kV DFR	401,979.19
1022	Electric General	Fault Recorders - SPS	A.0000556.020	Tucos A&B DFR	331,463.25
1023	Electric General	Fault Recorders - SPS	A.0000556.022	Eddy County 115kV DFR NM	318,604.65
1024	Electric General	Fault Recorders - SPS Total			1,341,996.79
1025	Electric General	GEN 2011-022 (Firewheel)	A.0000706.002	Hitchland Firewheel Comm	(5,066.82)
1026	Electric General	GEN 2011-022 (Firewheel) Total			(5,066.82)
1027	Electric General	GEN 2012-020 Hale Co Wind, 478MW	A.0000902.002	TUCO RTU Addition Comm	(135,587.87)
1028	Electric General	GEN 2012-020 Hale Co Wind, 478MW Total			(135,587.87)
1029	Electric General	GEN-2015-014 Lost Draw Substation	A.0000350.004	Lost Draw Comm	(151,365.56)
1030	Electric General	GEN-2015-014 Lost Draw Substation Total			(151,365.56)
1031	Electric General	General Furniture	A.0005014.084	New Mexico Substation Furnitur	14,193.56
1032	Electric General	General Furniture	A.0005014.109	Gen Plt Ofc Furn TX	79,065.03

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(A)		(B)	(G)	(H)	(I)	(J)
Line No.	Asset Class	WBS Level 1 Project Group Name	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)	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)
1008	Electric General	Cochran Co - Whiteface 115kv Total	-	-	-	64,932.76
1009	Electric General	Deaf Smith 230kV Breaker Add	2,850.93	-	2,850.93	167,261.56
1010	Electric General	Deaf Smith 230kV Breaker Add	-	-	-	2,247.98
1011	Electric General	Deaf Smith 230kV Breaker Add Total	2,850.93	-	2,850.93	169,509.54
1012	Electric General	Eddy County Dbl Bus Dbl Brkr 230kV	(282.80)	-	(282.80)	(59,545.06)
1013	Electric General	Eddy County Dbl Bus Dbl Brkr 230kV	-	-	-	(0.02)
1014	Electric General	Eddy County Dbl Bus Dbl Brkr 230kV Total	(282.80)	-	(282.80)	(59,545.08)
1015	Electric General	ELR - Relay - SPS	290.64	-	290.64	29,191.27
1016	Electric General	ELR - Relay - SPS	-	-	-	16,788.37
1017	Electric General	ELR - Relay - SPS Total	290.64	-	290.64	45,979.64
1018	Electric General	Facility Upgrade Ancillary Equip	875.00	-	875.00	331,140.47
1019	Electric General	Facility Upgrade Ancillary Equip Total	875.00	-	875.00	331,140.47
1020	Electric General	Fault Recorders - SPS	11,644.17	-	11,644.17	278,305.53
1021	Electric General	Fault Recorders - SPS	1,183.02	-	1,183.02	400,796.17
1022	Electric General	Fault Recorders - SPS	13,089.20	-	13,089.20	318,374.05
1023	Electric General	Fault Recorders - SPS	12,960.66	-	12,960.66	305,643.99
1024	Electric General	Fault Recorders - SPS Total	38,877.05	-	38,877.05	1,303,119.74
1025	Electric General	GEN 2011-022 (Firewheel)	-	-	-	(5,066.82)
1026	Electric General	GEN 2011-022 (Firewheel) Total	-	-	-	(5,066.82)
1027	Electric General	GEN 2012-020 Hale Co Wind, 478MW	(5,173.85)	-	(5,173.85)	(130,414.02)
1028	Electric General	GEN 2012-020 Hale Co Wind, 478MW Total	(5,173.85)	-	(5,173.85)	(130,414.02)
1029	Electric General	GEN-2015-014 Lost Draw Substation	-	-	-	(151,365.56)
1030	Electric General	GEN-2015-014 Lost Draw Substation Total	-	-	-	(151,365.56)
1031	Electric General	General Furniture	-	-	-	14,193.56
1032	Electric General	General Furniture	-	-	-	79,065.03

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(A)		(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Cost Recovery Method	Project Category
1008	Electric General	Cochran Co - Whiteface 115kv Total	This project reconducted 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
1009	Electric General	Deaf Smith 230kV Breaker Add	This project created a ring bus on the 230-kV side of the Deaf Smith Substation.	SPS Zonal	RE
1010	Electric General	Deaf Smith 230kV Breaker Add			
1011	Electric General	Deaf Smith 230kV Breaker Add Total			
1012	Electric General	Eddy County Dbl Bus Dbl Brkr 230kV			
1013	Electric General	Eddy County Dbl Bus Dbl Brkr 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.	SPP Base Plan	RE
1014	Electric General	Eddy County Dbl Bus Dbl Brkr 230kV Total			
1015	Electric General	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.	SPS Zonal	SR
1016	Electric General	ELR - Relay - SPS			
1017	Electric General	ELR - Relay - SPS Total			
1018	Electric General	Facility Upgrade Ancillary Equip	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
1019	Electric General	Facility Upgrade Ancillary Equip Total			
1020	Electric General	Fault Recorders - SPS	This project installed fault recorders for disturbance monitoring at substations.	SPS Zonal	OT
1021	Electric General	Fault Recorders - SPS			
1022	Electric General	Fault Recorders - SPS			
1023	Electric General	Fault Recorders - SPS			
1024	Electric General	Fault Recorders - SPS Total	This project constructed a new 345-kV terminal at Hitchland Interchange to provide an interconnection point for a new wind farm.	Customer Funded	GI
1025	Electric General	GEN 2011-022 (Firewheel)			
1026	Electric General	GEN 2011-022 (Firewheel) Total	This project constructed a new 230-kV terminal at TUCO Interchange for the interconnection of the Hale County wind farm.	Customer Funded	GI
1027	Electric General	GEN 2012-020 Hale Co Wind, 478MW			
1028	Electric General	GEN 2012-020 Hale Co Wind, 478MW Total	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
1029	Electric General	GEN-2015-014 Lost Draw Substation			
1030	Electric General	GEN-2015-014 Lost Draw Substation Total	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
1031	Electric General	General Furniture			
1032	Electric General	General Furniture			

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(A)		(B)		(C)		(D)		(E)	(F)
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 - December 31, 2020)
1033	Electric General	General Furniture Total							93,258.59
1034	Electric General	Ink Basin Substation		A.0000481.003		New Ink Basin 230/115kV Substation		201905	13,906.98
1035	Electric General	Ink Basin Substation Total							13,906.98
1036	Electric General	Interconnection Milwaukee		A.0001079.005		Murphy Substation Communication		201904	979.99
1037	Electric General	Interconnection Milwaukee		A.0001079.007		Frankford Substation Communication		201904	8,815.22
1038	Electric General	Interconnection Milwaukee		A.0001079.008		Quincy Substation Communication		201904	45,656.97
1039	Electric General	Interconnection Milwaukee Total							55,452.18
1040	Electric General	Interconnection XTO Mahoney		A.0001008.004		Inst 230kV Sw Station Comm		201903	23,167.70
1041	Electric General	Interconnection XTO Mahoney Total							23,167.70
1042	Electric General	Lea Co Plains Sw Cap Bank		A.0001283.003		Business System Equip for Eng Acces		201805	(9,618.60)
1043	Electric General	Lea Co Plains Sw Cap Bank Total							(9,618.60)
1044	Electric General	LP L Relay Upgrades		A.0001067.003		Lubbock East Communication		201901	267.50
1045	Electric General	LP L Relay Upgrades Total							267.50
1046	Electric General	Lynn Co. 115/69 Xfmr #1 Upgrade		A.0001284.002		Lynn Co Comm		201905	6,112.46
1047	Electric General	Lynn Co. 115/69 Xfmr #1 Upgrade Total							6,112.46
1048	Electric General	Mustang - Seminole 115kV Ckt1 New Line		A.0001030.003		Mustang Sub - Comm		202012	63,280.16
1049	Electric General	Mustang - Seminole 115kV Ckt1 New Line		A.0001030.006		Seminole Sub - Comm		202012	53,841.32
1050	Electric General	Mustang - Seminole 115kV Ckt1 New Line Total							117,121.48
1051	Electric General	Mustang-Shell CO2 115kV Line		A.0000979.006		Mustang Communications Sub Por		201904	(14,309.69)
1052	Electric General	Mustang-Shell CO2 115kV Line		A.0000979.009		Shell Sub Comm Sub Portion S		201904	32,879.09
1053	Electric General	Mustang-Shell CO2 115kV Line Total							18,569.40
1054	Electric General	NE Hereford to New Center St. 115 kV Line		A.0000296.007		New Centre St Comm		201804	(212,859.09)
1055	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)	(B)	(C)	(D)	(E)	(F)
Line No.	Asset Class	WBS Level 1 Project Group Name	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)	Total Affiliate Charges (Included in Column F)
1033	Electric General	General Furniture Total	-	-	93,258.59
1034	Electric General	Ink Basin Substation	58.36	-	13,848.62
1035	Electric General	Ink Basin Substation Total	58.36	-	13,848.62
1036	Electric General	Interconnection Milwaukee	-	-	979.99
1037	Electric General	Interconnection Milwaukee	-	-	8,815.22
1038	Electric General	Interconnection Milwaukee	-	-	45,656.97
1039	Electric General	Interconnection Milwaukee Total	-	-	55,452.18
1040	Electric General	Interconnection XTO Mahoney	-	-	23,167.70
1041	Electric General	Interconnection XTO Mahoney Total	-	-	23,167.70
1042	Electric General	Lea Co Plains Sw Cap Bank	-	-	(9,618.60)
1043	Electric General	Lea Co Plains Sw Cap Bank Total	-	-	(9,618.60)
1044	Electric General	LP L Relay Upgrades	-	-	267.50
1045	Electric General	LP L Relay Upgrades Total	-	-	267.50
1046	Electric General	Lynn Co. 115/69 Xfmr #1 Upgrade	-	-	6,112.46
1047	Electric General	Lynn Co. 115/69 Xfmr #1 Upgrade Total	-	-	6,112.46
1048	Electric General	Mustang - Seminole 115kV Ckt1 New Line	1,329.39	-	61,950.77
1049	Electric General	Mustang - Seminole 115kV Ckt1 New Line	760.02	-	53,081.30
1050	Electric General	Mustang - Seminole 115kV Ckt1 New Line Total	2,089.41	-	115,032.07
1051	Electric General	Mustang-Shell CO2 115kV Line	-	-	(14,309.69)
1052	Electric General	Mustang-Shell CO2 115kV Line	112.59	-	32,766.50
1053	Electric General	Mustang-Shell CO2 115kV Line Total	112.59	-	18,456.81
1054	Electric General	NE Hereford to New Center St. 115 kV Line	-	-	(212,859.09)
1055	Electric General	NE Hereford to New Center St. 115 kV Line	-	-	(3,100.75)

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(A)		(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Cost Recovery Method	Project Category
1033	Electric General	General Furniture Total	This project purchased furniture, typically a desk and chairs, for control houses located in transmission substations.	SPS Zonal	OT
1034	Electric General	Ink Basin Substation	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 Y80 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
1035	Electric General	Ink Basin Substation Total			
1036	Electric General	Interconnection Milwaukee			
1037	Electric General	Interconnection Milwaukee	This project installed the new SPS Quiney Switching Station to provide 115-kV service to South Plains Electric Cooperative to serve new load from their new Milwaukee Substation.	SPS Zonal	LI
1038	Electric General	Interconnection Milwaukee			
1039	Electric General	Interconnection Milwaukee Total			
1040	Electric General	Interconnection XTO Mahoney	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
1041	Electric General	Interconnection XTO Mahoney Total			
1042	Electric General	Lea Co Plains Sw Cap Bank	This project installed a 14.4 MVAr capacitor bank. SPP issued SPS an NTC for this project.	SPP Base Plan	RE
1043	Electric General	Lea Co Plains Sw Cap Bank Total			
1044	Electric General	LP L Relay Upgrades			
1045	Electric General	LP L Relay Upgrades Total	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
1046	Electric General	Lynn Co. 115/69 Xfmr #1 Upgrade	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
1047	Electric General	Lynn Co. 115/69 Xfmr #1 Upgrade Total			
1048	Electric General	Mustang - Seminole 115kV Ckt1 New Line			
1049	Electric General	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.	SPP Base Plan	RE
1050	Electric General	Mustang - Seminole 115kV Ckt1 New Line Total			
1051	Electric General	Mustang-Shell CO2 115kV Line			
1052	Electric General	Mustang-Shell CO2 115kV Line	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
1053	Electric General	Mustang-Shell CO2 115kV Line Total			
1054	Electric General	NE Hereford to New Center St. 115 kV Line			
1055	Electric General	NE Hereford to New Center St. 115 kV Line			

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(A)		(B)		(C)		(D)		(E)	(F)
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 - December 31, 2020)
1056	Electric General	NE Hereford to New Center St. 115 kV Line Total							(215,959.84)
1057	Electric General	OPIE 2 Kiowa-Eddy Co 345kV		A.0000424.112		Eddy Co 345kV Comms		202011	155,361.89
1058	Electric General	OPIE 2 Kiowa-Eddy Co 345kV Total							155,361.89
1059	Electric General	OPIE 2 Kiowa-Road Runner 345kV Conv PID 30639		A.0000424.094		Road Runner 345kV Sub Comms UI		201910	41,474.73
1060	Electric General	OPIE 2 Kiowa-Road Runner 345kV Conv PID 30639 Total							41,474.73
1061	Electric General	OPIE 3 Kiowa-China Draw 345kV PID 30638		A.0000424.164		N Loving 345kV Sub Comms UID 5		201805	342.20
1062	Electric General	OPIE 3 Kiowa-China Draw 345kV PID 30638		A.0000424.168		China Draw 345kV Sub Comms UID		201612	23.41
1063	Electric General	OPIE 3 Kiowa-China Draw 345kV PID 30638		A.0002057.003		China Draw EEE Furn		201904	(0.01)
1064	Electric General	OPIE 3 Kiowa-China Draw 345kV PID 30638 Total							365.60
1065	Electric General	OPIE 3 Roadrunner-China Draw 345kV		A.0001189.006		OPIE Phantom Sub COMM		202010	187,835.23
1066	Electric General	OPIE 3 Roadrunner-China Draw 345kV Total							187,835.23
1067	Electric General	OPIE Reconnector PCA-Quahada		A.0000424.222		Quahada Communication		201807	(5,001.96)
1068	Electric General	OPIE Reconnector PCA-Quahada Total							(5,001.96)
1069	Electric General	OPIE Roadrunner to Agave Ochoa 115 Lines		A.0000488.005		OCHOA Comm		201804	(207.38)
1070	Electric General	OPIE Roadrunner to Agave Ochoa 115 Lines Total							(207.38)
1071	Electric General	OPIE TUCO-Hobbs 345kV PID 30376		A.0000673.032		Yokum 345kV Sub Comms UID 504		202007	335,938.01

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Line No.	(A) Asset Class	(B) WBS Level 1 Project Group Name	(G) XES Charges (Included in Column F)	(H) Other Affiliate Charges (Included in Column F)	(I) Total Affiliate Charges (Included in Column F)	(J) Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)
1056	Electric General	NE Hereford to New Center St. 115 kV Line Total	-	-	-	(215,959.84)
1057	Electric General	OPIE 2 Kiowa-Eddy Co 345kV	501.42	-	501.42	154,860.47
1058	Electric General	OPIE 2 Kiowa-Eddy Co 345kV Total	501.42	-	501.42	154,860.47
1059	Electric General	OPIE 2 Kiowa-Road Runner 345kV Conv PID 30639	95.40	-	95.40	41,379.33
1060	Electric General	OPIE 2 Kiowa-Road Runner 345kV Conv PID 30639	95.40	-	95.40	41,379.33
1061	Electric General	OPIE 3 Kiowa-China Draw 345kV PID 30638	-	-	-	342.20
1062	Electric General	OPIE 3 Kiowa-China Draw 345kV PID 30638	-	-	-	23.41
1063	Electric General	OPIE 3 Kiowa-China Draw 345kV PID 30638	-	-	-	(0.01)
1064	Electric General	OPIE 3 Kiowa-China Draw 345kV PID 30638 Total	-	-	-	365.60
1065	Electric General	OPIE 3 Roadrunner-China Draw 345kV	873.43	-	873.43	186,961.80
1066	Electric General	OPIE 3 Roadrunner-China Draw 345kV Total	873.43	-	873.43	186,961.80
1067	Electric General	OPIE Reconnector PCA-Quahada	-	-	-	(5,001.96)
1068	Electric General	OPIE Reconnector PCA-Quahada Total	-	-	-	(5,001.96)
1069	Electric General	OPIE Roadrunner to Agave Ochoa 115 Lines	-	-	-	(207.38)
1070	Electric General	OPIE Roadrunner to Agave Ochoa 115 Lines Total	-	-	-	(207.38)
1071	Electric General	OPIE TUCO-Hobbs 345kV PID 30376	-	-	-	335,938.01

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(A)		(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Cost Recovery Method	Project Category
1056	Electric General	NE Hereford to New Center St. 115 kV Line Total	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
1057	Electric General	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.	SPS Zonal	RE
1058	Electric General	OPIE 2 Kiowa-Eddy Co 345kV Total			
1059	Electric General	OPIE 2 Kiowa-Road Runner 345kV Conv PID 30639	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
1060	Electric General	OPIE 2 Kiowa-Road Runner 345kV Conv PID 30639			
1061	Electric General	OPIE 3 Kiowa-China Draw 345kV PID 30638	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
1062	Electric General	OPIE 3 Kiowa-China Draw 345kV PID 30638			
1063	Electric General	OPIE 3 Kiowa-China Draw 345kV PID 30638			
1064	Electric General	OPIE 3 Kiowa-China Draw 345kV PID 30638 Total			
1065	Electric General	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.	SPP Base Plan	RE/LI
1066	Electric General	OPIE 3 Roadrunner-China Draw 345kV Total			
1067	Electric General	OPIE Reconnector PCA-Quahada	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
1068	Electric General	OPIE Reconnector PCA-Quahada Total			
1069	Electric General	OPIE Roadrunner to Agave Ochoa 115 Lines	This project constructed a new 115-kV line from Roadrunner substation to Agave #2 (customer-owned substation). SPP issued SPS an NTC for this project.	SPP Base Plan	RE
1070	Electric General	OPIE Roadrunner to Agave Ochoa 115 Lines Total			
1071	Electric General	OPIE TUCO-Hobbs 345kV PID 30376			

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(A)	(B)	(C)	(D)	(E)	(F)
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 - December 31, 2020)
1072	Electric General	OPIE TUCO-Hobbs 345kV_PID 30376 Total			335,938.01
1073	Electric General	Physical Security	A.0000710.007	NM Physical Security Comm	201712 1,610.55
1074	Electric General	Physical Security	A.0000710.007	NM Physical Security Comm	201906 13,216.96
1075	Electric General	Physical Security	A.0000710.008	SPS Physical Security Comm	201712 852.64
1076	Electric General	Physical Security	A.0000710.008	SPS Physical Security Comm	201712 263.16
1077	Electric General	Physical Security	A.0000710.008	SPS Physical Security Comm	201812 8,528.33
1078	Electric General	Physical Security	A.0000710.008	SPS Physical Security Comm	201812 432.70
1079	Electric General	Physical Security	A.0000710.008	SPS Physical Security Comm	201904 976.01
1080	Electric General	Physical Security	A.0000710.013	Potter Physical Security Comm TX	202011 95,373.13
1081	Electric General	Physical Security Total			121,253.48
1082	Electric General	Plant X 115kV BFR	A.0000842.001	Plant X BFR RTU	202002 661,414.99
1083	Electric General	Plant X 115kV BFR	A.0000842.005	Plant X Hale Co Relaying Comm	201905 28,582.51
1084	Electric General	Plant X 115kV BFR Total			689,997.50
1085	Electric General	Puckett West Breaker Addition	A.0000574.007	Coulter Relay Mod, Sub, COMM	201706 102.17
1086	Electric General	Puckett West Breaker Addition Total			102.17
1087	Electric General	RB - Purnell Sub	A.0001061.003	Purnell 115kV Sub	201906 (846,483.07)
1088	Electric General	RB - Purnell Sub	A.0001061.005	Purnell Sub 115kV Sub Comm	201906 (9,202.74)
1089	Electric General	RB - Purnell Sub Total			(855,685.81)
1090	Electric General	Roosevelt Cty 230 Brkr 1/2	A.0001353.001	Roosevelt Comm	201806 24,602.60

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(A) Line No.	(B) Asset Class	(C) WBS Level 1 Project Group Name	(D) XES Charges (Included in Column F)	(E) Other Affiliate Charges (Included in Column F)	(F) Total Affiliate Charges (Included in Column F)	(G) Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)
1072	Electric General	OPIE TUCO-Hobbs 345kV_PID 30376 Total	-	-	-	335,938.01
1073	Electric General	Physical Security	1,610.55	-	1,610.55	-
1074	Electric General	Physical Security	4,439.37	-	4,439.37	8,777.59
1075	Electric General	Physical Security	852.64	-	852.64	-
1076	Electric General	Physical Security	75.56	-	75.56	187.60
1077	Electric General	Physical Security	-	-	-	8,528.33
1078	Electric General	Physical Security	-	-	-	432.70
1079	Electric General	Physical Security	-	-	-	976.01
1080	Electric General	Physical Security	1,454.70	-	1,454.70	93,918.43
1081	Electric General	Physical Security	8,432.82	-	8,432.82	112,820.66
1082	Electric General	Plant X 115kV BFR	2,371.33	-	2,371.33	659,043.66
1083	Electric General	Plant X 115kV BFR	-	-	-	28,582.51
1084	Electric General	Plant X 115kV BFR Total	2,371.33	-	2,371.33	687,626.17
1085	Electric General	Puckett West Breaker Addition	102.17	-	102.17	-
1086	Electric General	Puckett West Breaker Addition Total	102.17	-	102.17	-
1087	Electric General	RB - Purnell Sub	1,115.00	-	1,115.00	(847,598.07)
1088	Electric General	RB - Purnell Sub	-	-	-	(9,202.74)
1089	Electric General	RB - Purnell Sub Total	1,115.00	-	1,115.00	(856,800.81)
1090	Electric General	Roosevelt City 230 Bkr 1/2	-	-	-	24,602.60

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(A)	(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Project Category
1072	Electric General	OPIE TUCO-Hobbs 345kV_PID 30376 Total	This project constructed a single-circuit 345-kV transmission line between the TUCO Substation, near Lubbock, Texas, the Yoakum Substation in Texas, and the Hobbs Generating Substation near Hobbs, New Mexico. The project was evaluated and identified in the 2013 SPP High Priority Incremental Load Study ("HPILS") as needed for reliability to alleviate loading violations on the underlying network and voltage violations due to insufficient power supply to network load additions. In addition to its reliability benefits, the project was also identified by SPP as providing significant economic benefits. In 2016, SPP issued its Integrated Transmission Planning Near-Term study which identified the TUCO to Yoakum portion of the project as needed as soon as 2017 to mitigate voltage issues in that area. SPP issued SPS NTCs for this project.	RE
1073	Electric General	Physical Security		
1074	Electric General	Physical Security		
1075	Electric General	Physical Security		
1076	Electric General	Physical Security		
1077	Electric General	Physical Security		
1078	Electric General	Physical Security		
1079	Electric General	Physical Security		
1080	Electric General	Physical Security		
1081	Electric General	Physical Security Total	This project installed Physical Security Upgrades affecting SPS substation protection with specific work varying by substation location, current layout, and threat history. Typical security measures included the installation of equipment such as cameras and motion sensors at substations.	OT
1082	Electric General	Plant X 115kV BFR		
1083	Electric General	Plant X 115kV BFR		
1084	Electric General	Plant X 115kV BFR Total	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.	RE
1085	Electric General	Puckett West Breaker Addition		
1086	Electric General	Puckett West Breaker Addition Total	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.	RE
1087	Electric General	RB - Purnell Sub		
1088	Electric General	RB - Purnell Sub		
1089	Electric General	RB - Purnell Sub Total	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.	LI
1090	Electric General	Roosevelt City 230 Bkr 1/2		

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(A)	(B)	(C)	(D)	(E)	(F)
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 - December 31, 2020)
1091	Electric General	Roosevelt City 230 Brkr 1/2 Total			24,602.60
1092	Electric General	RTU - EMS Upgrade - SPS	A.0000588.011	Moore Co 115kV RTU Rplmnt	201812 16,417.35
1093	Electric General	RTU - EMS Upgrade - SPS	A.0000588.015	Texas Co RTU upgrade	202011 93,264.67
1094	Electric General	RTU - EMS Upgrade - SPS	A.0000588.016	Plant X 230kV RTU Rplmnt	202010 416,678.11
1095	Electric General	RTU - EMS Upgrade - SPS	A.0000588.031	Eddy County RTU	202008 554,773.35
1096	Electric General	RTU - EMS Upgrade - SPS	A.0000588.032	Cunningham Station RTU Rplmnt	202008 82,655.51
1097	Electric General	RTU - EMS Upgrade - SPS	A.0000588.033	Seven Rivers RTU Rplmnt	202008 118,459.30
1098	Electric General	RTU - EMS Upgrade - SPS Total			1,282,248.29
1099	Electric General	S&E - SPS Sub	A.0000220.032	Taylor Switching Station RTU Comm N	202001 233,510.84
1100	Electric General	S&E - SPS Sub	A.0000220.039	Cox Int COMM	202012 91,541.57
1101	Electric General	S&E - SPS Sub Total			325,052.41
1102	Electric General	Security Access Control System	A.0001118.006	Lock and Key System TX	Routine 1,655,935.28
1103	Electric General	Security Access Control System	A.0001118.007	Lock and Key System NM	Routine 667,226.19
1104	Electric General	Security Access Control System	A.0001118.009	Lock and Key System OK	Routine 18,676.86
1105	Electric General	Security Access Control System	A.0001118.010	Lock and Key System KS	Routine 3,750.00
1106	Electric General	Security Access Control System Total			2,345,588.33
1107	Electric General	Sierra Substation (RIAC Conversion)	A.0001300.020	Roswell Intg New 115kV Terminal Com	201811 179,068.94
1108	Electric General	Sierra Substation (RIAC Conversion) Total			179,068.94
1109	Electric General	Spearman Breaker Replacements	A.0001421.002	Spearman Breaker Replacements COMM	202012 372.26
1110	Electric General	Spearman Breaker Replacements Total			372.26
1111	Electric General	SPS Checkpoint Firewalls	A.0001218.001	Red Bluff Com Checkpoint Firewall N	201912 14,169.16
1112	Electric General	SPS Checkpoint Firewalls	A.0001218.002	Pleasant Hill Com Checkpoint FW NM	201911 9,360.11
1113	Electric General	SPS Checkpoint Firewalls	A.0001218.003	Pecos Com Checkpoint FW NM	201912 22,999.01
1114	Electric General	SPS Checkpoint Firewalls	A.0001218.004	Maddox Com Checkpoint FW NM	201912 12,917.38
1115	Electric General	SPS Checkpoint Firewalls	A.0001218.005	Carlsbad Intg Com Checkpoint FW NM	201912 22,834.32
1116	Electric General	SPS Checkpoint Firewalls	A.0001218.006	Atoka Com Checkpoint FW NM	201905 (3,750.79)
1117	Electric General	SPS Checkpoint Firewalls	A.0001218.008	Bowers Com Checkpoint FW TX	202008 50,524.98
1118	Electric General	SPS Checkpoint Firewalls	A.0001218.009	Bru Com Checkpoint FW TX	201904 1,671.45
1119	Electric General	SPS Checkpoint Firewalls	A.0001218.010	Cox Com Checkpoint FW TX	201912 21,582.51

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(A)	(B)	(G)	(H)	(I)	(J)	
Line No.	Asset Class	WBS Level 1 Project Group Name	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)	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)
1091	Electric General	Roosevelt City 230 Brkr 1/2 Total	-	-	-	24,602.60
1092	Electric General	RTU - EMS Upgrade - SPS	76.76	-	76.76	16,340.59
1093	Electric General	RTU - EMS Upgrade - SPS	-	-	-	93,264.67
1094	Electric General	RTU - EMS Upgrade - SPS	2,757.32	-	2,757.32	413,920.79
1095	Electric General	RTU - EMS Upgrade - SPS	41,288.84	-	41,288.84	513,484.51
1096	Electric General	RTU - EMS Upgrade - SPS	4,402.99	-	4,402.99	78,252.52
1097	Electric General	RTU - EMS Upgrade - SPS	4,095.88	-	4,095.88	114,363.42
1098	Electric General	RTU - EMS Upgrade - SPS Total	52,621.79	-	52,621.79	1,229,626.50
1099	Electric General	S&E - SPS Sub	10,793.88	-	10,793.88	222,716.96
1100	Electric General	S&E - SPS Sub	1,774.34	-	1,774.34	89,767.23
1101	Electric General	S&E - SPS Sub Total	12,568.22	-	12,568.22	312,484.19
1102	Electric General	Security Access Control System	30,176.55	-	30,176.55	1,625,758.73
1103	Electric General	Security Access Control System	5,014.31	-	5,014.31	662,211.88
1104	Electric General	Security Access Control System	1,110.36	-	1,110.36	17,566.50
1105	Electric General	Security Access Control System	-	-	-	3,750.00
1106	Electric General	Security Access Control System Total	36,301.22	-	36,301.22	2,309,287.11
1107	Electric General	Sierra Substation (RIAC Conversion)	-	-	-	179,068.94
1108	Electric General	Sierra Substation (RIAC Conversion) Total	-	-	-	179,068.94
1109	Electric General	Spearman Breaker Replacements	-	-	-	372.26
1110	Electric General	Spearman Breaker Replacements Total	-	-	-	372.26
1111	Electric General	SPS Checkpoint Firewalls	1,558.37	-	1,558.37	12,610.79
1112	Electric General	SPS Checkpoint Firewalls	1,268.84	-	1,268.84	8,091.27
1113	Electric General	SPS Checkpoint Firewalls	2,111.13	-	2,111.13	20,887.88
1114	Electric General	SPS Checkpoint Firewalls	3,605.02	-	3,605.02	9,312.36
1115	Electric General	SPS Checkpoint Firewalls	8,223.30	-	8,223.30	14,611.02
1116	Electric General	SPS Checkpoint Firewalls	(865.45)	-	(865.45)	(2,885.34)
1117	Electric General	SPS Checkpoint Firewalls	8,008.39	-	8,008.39	42,516.59
1118	Electric General	SPS Checkpoint Firewalls	1,966.40	-	1,966.40	(294.95)
1119	Electric General	SPS Checkpoint Firewalls	5,903.45	-	5,903.45	15,679.06

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(A)		(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Cost Recovery Method	Project Category
1091	Electric General	Roosevelt City 230 Brkr 1/2 Total			
1092	Electric General	RTU - EMS Upgrade - SPS	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
1093	Electric General	RTU - EMS Upgrade - SPS			
1094	Electric General	RTU - EMS Upgrade - SPS			
1095	Electric General	RTU - EMS Upgrade - SPS			
1096	Electric General	RTU - EMS Upgrade - SPS			
1097	Electric General	RTU - EMS Upgrade - SPS	This project replaced remote terminal units ("RTUs") that were at the end of their useful service life.	SPS Zonal	OT
1098	Electric General	RTU - EMS Upgrade - SPS Total			
1099	Electric General	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.	SPS Zonal	SR
1100	Electric General	S&E - SPS Sub			
1101	Electric General	S&E - SPS Sub Total			
1102	Electric General	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.	SPS Zonal	OT
1103	Electric General	Security Access Control System			
1104	Electric General	Security Access Control System			
1105	Electric General	Security Access Control System			
1106	Electric General	Security Access Control System Total			
1107	Electric General	Sierra Substation (RIAC Conversion)	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
1108	Electric General	Sierra Substation (RIAC Conversion) Total			
1109	Electric General	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.	SPS Zonal/Customer Funded	SR
1110	Electric General	Spearman Breaker Replacements Total			
1111	Electric General	SPS Checkpoint Firewalls			
1112	Electric General	SPS Checkpoint Firewalls			
1113	Electric General	SPS Checkpoint Firewalls			
1114	Electric General	SPS Checkpoint Firewalls			
1115	Electric General	SPS Checkpoint Firewalls			
1116	Electric General	SPS Checkpoint Firewalls			
1117	Electric General	SPS Checkpoint Firewalls			
1118	Electric General	SPS Checkpoint Firewalls			
1119	Electric General	SPS Checkpoint Firewalls			

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(A)	(B)	(C)	(D)	(E)	(F)
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 - December 31, 2020)
1120	Electric General	SPS Checkpoint Firewalls	A.0001218.012	Hastings Com Checkpoint FW TX	201911 19,695.78
1121	Electric General	SPS Checkpoint Firewalls	A.0001218.013	Hereford Com Checkpoint FW TX	201911 19,140.50
1122	Electric General	SPS Checkpoint Firewalls	A.0001218.014	Kress Com Checkpoint FW TX	201908 14,716.92
1123	Electric General	SPS Checkpoint Firewalls	A.0001218.015	Moore Com Checkpoint FW TX	201906 (923.06)
1124	Electric General	SPS Checkpoint Firewalls	A.0001218.016	Muleshoe Valley Com Checkpoint FW T	201911 7,900.89
1125	Electric General	SPS Checkpoint Firewalls	A.0001218.017	Swisher Com Checkpoint FW TX	201908 7,589.38
1126	Electric General	SPS Checkpoint Firewalls	A.0001218.018	Lamton Comm Checkpoint FW TX	201911 17,974.70
1127	Electric General	SPS Checkpoint Firewalls	A.0001218.019	Happy Interchange Comm Checkpoint F	202007 22,277.20
1128	Electric General	SPS Checkpoint Firewalls Total			260,680.44
1129	Electric General	SPS Frame Relay	A.0000948.003	NM Frame Relay Comm	201810 (11,089.46)
1130	Electric General	SPS Frame Relay	A.0000948.004	TX Frame Relay Comm	201812 (7,006.03)
1131	Electric General	SPS Frame Relay	A.0000948.004	TX Frame Relay Comm	201901 2,134.38
1132	Electric General	SPS Frame Relay Total			(15,961.11)
1133	Electric General	SPS Group 1 Switch Replacements	A.0000153.003	SPS Trans Switch Comm	201902 (92.60)
1134	Electric General	SPS Group 1 Switch Replacements	A.0000153.003	SPS Trans Switch Comm	201912 71,983.69
1135	Electric General	SPS Group 1 Switch Replacements	A.0000153.003	SPS Trans Switch Comm	201905 (22,726.90)
1136	Electric General	SPS Group 1 Switch Replacements	A.0000153.015	T131 SCHLD MOD REPL SOLAR AT STR 11	202007 3,471.45
1137	Electric General	SPS Group 1 Switch Replacements	A.0000153.016	U12 SCHLD REPL CTRL BRD SW 4J194	202007 3,128.05
1138	Electric General	SPS Group 1 Switch Replacements	A.0000153.018	Z052 SCHLD REPL BATT SW 4794 STR 2	202007 841.61
1139	Electric General	SPS Group 1 Switch Replacements Total			56,605.30
1140	Electric General	SPS SPE Fault Clearing Relay Rplmnts	A.0001167.108	Hockley Co SPE Comm	202012 420,202.92
1141	Electric General	SPS SPE Fault Clearing Relay Rplmnts Total			420,202.92
1142	Electric General	SPS Sub Communication Network Group 1	A.0000795.003	SPS Sub Comm Network Group 1 C	201812 34,809.01
1143	Electric General	SPS Sub Communication Network Group 1	A.0000795.003	SPS Sub Comm Network Group 1 C	201910 1,075.65
1144	Electric General	SPS Sub Communication Network Group 1	A.0000795.003	SPS Sub Comm Network Group 1 C	201912 422,958.19
1145	Electric General	SPS Sub Communication Network Group 1	A.0000795.003	SPS Sub Comm Network Group 1 C	201912 143,752.46
1146	Electric General	SPS Sub Communication Network Group 1	A.0000795.003	SPS Sub Comm Network Group 1 C	202003 183,994.26
1147	Electric General	SPS Sub Communication Network Group 1	A.0000795.003	SPS Sub Comm Network Group 1 C	202012 429,202.68
1148	Electric General	SPS Sub Communication Network Group 1	A.0000795.017	Nichols, EAPL terminal COMM	202012 73,364.71

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(A) Line No.	Asset Class	(B) WBS Level 1 Project Group Name	(G) XES Charges (Included in Column F)	(H) Other Affiliate Charges (Included in Column F)	(I) Total Affiliate Charges (Included in Column F)	(J) Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)
1120	Electric General	SPS Checkpoint Firewalls	1,963.72	-	1,963.72	17,732.06
1121	Electric General	SPS Checkpoint Firewalls	1,165.99	-	1,165.99	17,974.51
1122	Electric General	SPS Checkpoint Firewalls	1,610.07	-	1,610.07	13,106.85
1123	Electric General	SPS Checkpoint Firewalls	37.34	-	37.34	(960.40)
1124	Electric General	SPS Checkpoint Firewalls	449.06	-	449.06	7,451.83
1125	Electric General	SPS Checkpoint Firewalls	901.77	-	901.77	6,687.61
1126	Electric General	SPS Checkpoint Firewalls	2,170.68	-	2,170.68	15,804.02
1127	Electric General	SPS Checkpoint Firewalls	4,666.05	-	4,666.05	17,611.15
1128	Electric General	SPS Checkpoint Firewalls Total	44,744.13	-	44,744.13	215,936.31
1129	Electric General	SPS Frame Relay	-	-	-	(11,089.46)
1130	Electric General	SPS Frame Relay	943.32	-	943.32	(7,949.35)
1131	Electric General	SPS Frame Relay	-	-	-	2,134.38
1132	Electric General	SPS Frame Relay Total	943.32	-	943.32	(16,904.43)
1133	Electric General	SPS Group 1 Switch Replacements	-	-	-	(92.60)
1134	Electric General	SPS Group 1 Switch Replacements	65.69	-	65.69	71,918.00
1135	Electric General	SPS Group 1 Switch Replacements	-	-	-	(22,726.90)
1136	Electric General	SPS Group 1 Switch Replacements	-	-	-	3,471.45
1137	Electric General	SPS Group 1 Switch Replacements	-	-	-	3,128.05
1138	Electric General	SPS Group 1 Switch Replacements	-	-	-	841.61
1139	Electric General	SPS Group 1 Switch Replacements Total	65.69	-	65.69	56,539.61
1140	Electric General	SPS SPE Fault Clearing Relay Rplmnts	605.57	-	605.57	419,597.35
1141	Electric General	SPS SPE Fault Clearing Relay Rplmnts Total	605.57	-	605.57	419,597.35
1142	Electric General	SPS Sub Communication Network Group 1	2,027.67	-	2,027.67	32,781.34
1143	Electric General	SPS Sub Communication Network Group 1	1,071.79	-	1,071.79	3.86
1144	Electric General	SPS Sub Communication Network Group 1	7,129.93	-	7,129.93	415,828.26
1145	Electric General	SPS Sub Communication Network Group 1	2,570.16	-	2,570.16	141,182.30
1146	Electric General	SPS Sub Communication Network Group 1	9,083.86	-	9,083.86	174,910.40
1147	Electric General	SPS Sub Communication Network Group 1	(67.57)	-	(67.57)	429,270.25
1148	Electric General	SPS Sub Communication Network Group 1	700.92	-	700.92	72,663.79

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(A)		(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Cost Recovery Method	Project Category
1120	Electric General	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.	SPS Zonal	OT
1121	Electric General	SPS Checkpoint Firewalls			
1122	Electric General	SPS Checkpoint Firewalls			
1123	Electric General	SPS Checkpoint Firewalls			
1124	Electric General	SPS Checkpoint Firewalls			
1125	Electric General	SPS Checkpoint Firewalls			
1126	Electric General	SPS Checkpoint Firewalls			
1127	Electric General	SPS Checkpoint Firewalls			
1128	Electric General	SPS Checkpoint Firewalls Total			
1129	Electric General	SPS Frame Relay	These projects installed communications equipment for control and monitoring of the various substations upgraded with this project.	SPS Zonal	OT
1130	Electric General	SPS Frame Relay			
1131	Electric General	SPS Frame Relay			
1132	Electric General	SPS Frame Relay Total			
1133	Electric General	SPS Group 1 Switch Replacements	These projects replaced old high-maintenance or broken switches with new switches.	SPS Zonal	SR
1134	Electric General	SPS Group 1 Switch Replacements			
1135	Electric General	SPS Group 1 Switch Replacements			
1136	Electric General	SPS Group 1 Switch Replacements			
1137	Electric General	SPS Group 1 Switch Replacements			
1138	Electric General	SPS Group 1 Switch Replacements			
1139	Electric General	SPS Group 1 Switch Replacements Total			
1140	Electric General	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.	SPS Zonal	RE
1141	Electric General	SPS SPE Fault Clearing Relay Rplmnts Total			
1142	Electric General	SPS Sub Communication Network Group 1			
1143	Electric General	SPS Sub Communication Network Group 1			
1144	Electric General	SPS Sub Communication Network Group 1			
1145	Electric General	SPS Sub Communication Network Group 1			
1146	Electric General	SPS Sub Communication Network Group 1			
1147	Electric General	SPS Sub Communication Network Group 1			
1148	Electric General	SPS Sub Communication Network Group 1			

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(A)		(B)		(C)		(D)	(E)	(F)
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 - December 31, 2020)
1149	Electric General	SPS Sub Communication Network Group 1 Total						1,289,156.96
1150	Electric General	SPS Sub Communication Network Group 3		A.0000792.003		SPS Sub Comm Network Group 3 C	201907	(0.05)
1151	Electric General	SPS Sub Communication Network Group 3 Total						(0.05)
1152	Electric General	SPS Switch Replace		A.0000514.007		Carlsbad Comm Replacement	202005	40,805.67
1153	Electric General	SPS Switch Replace Total						40,805.67
1154	Electric General	SPS Walkemeyer 345 115 280 MVA SUB		A.0001310.008		Walkemeyer 345/115 Sub Comm	201806	(1,873.10)
1155	Electric General	SPS Walkemeyer 345 115 280 MVA SUB		A.0001310.009		Finney J 25 Terminal UPLC	201910	(22.34)
1156	Electric General	SPS Walkemeyer 345 115 280 MVA SUB Total						(1,895.44)
1157	Electric General	Sundown 230/115 Auto Upgrade		A.0001151.003		Sundown Transformer Upgr Comm	202012	212,112.05
1158	Electric General	Sundown 230/115 Auto Upgrade Total						212,112.05
1159	Electric General	Synchrophasors		A.0001063.002		NM Synchrophasors	201909	84,640.93
1160	Electric General	Synchrophasors		A.0001063.002		NM Synchrophasors	201907	23,812.70
1161	Electric General	Synchrophasors		A.0001063.002		NM Synchrophasors	202010	12,268.78
1162	Electric General	Synchrophasors		A.0001063.003		TX Synchrophasors	201908	101,483.92
1163	Electric General	Synchrophasors		A.0001063.003		TX Synchrophasors	201908	14,820.00
1164	Electric General	Synchrophasors		A.0001063.003		TX Synchrophasors	201908	63,194.12
1165	Electric General	Synchrophasors		A.0001063.003		TX Synchrophasors	201907	47,358.63
1166	Electric General	Synchrophasors		A.0001063.003		TX Synchrophasors	201907	89,454.59
1167	Electric General	Synchrophasors		A.0001063.003		TX Synchrophasors	201909	41,609.09
1168	Electric General	Synchrophasors		A.0001063.004		Yoakum Synchrophasors	201908	12,087.75

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Line No.	Asset Class	(B) WBS Level 1 Project Group Name	(G)				(I)		(J) Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)
			XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)	Total Affiliate Charges (Included in Column F)				
1149	Electric General	SPS Sub Communication Network Group 1 Total	22,516.76	-	22,516.76				1,266,640.20
1150	Electric General	SPS Sub Communication Network Group 3	-	-	-				(0.05)
1151	Electric General	SPS Sub Communication Network Group 3 Total	-	-	-				(0.05)
1152	Electric General	SPS Switch Replace	2,869.89	-	2,869.89			2,869.89	37,935.78
1153	Electric General	SPS Switch Replace Total	2,869.89	-	2,869.89			2,869.89	37,935.78
1154	Electric General	SPS Walkemeyer 345 115 280 MVA SUB	-	-	-			-	(1,873.10)
1155	Electric General	SPS Walkemeyer 345 115 280 MVA SUB	-	-	-			-	(22.34)
1156	Electric General	SPS Walkemeyer 345 115 280 MVA SUB Total	-	-	-			-	(1,895.44)
1157	Electric General	Sundown 230/115 Auto Upgrade	458.28	-	458.28			458.28	211,653.77
1158	Electric General	Sundown 230/115 Auto Upgrade Total	458.28	-	458.28			458.28	211,653.77
1159	Electric General	Synchrophasors	161.71	-	161.71			161.71	84,479.22
1160	Electric General	Synchrophasors	1,863.06	-	1,863.06			1,863.06	21,949.64
1161	Electric General	Synchrophasors	-	-	-			-	12,268.78
1162	Electric General	Synchrophasors	845.07	-	845.07			845.07	100,638.85
1163	Electric General	Synchrophasors	109.60	-	109.60			109.60	14,710.40
1164	Electric General	Synchrophasors	-	-	-			-	63,194.12
1165	Electric General	Synchrophasors	5,829.30	-	5,829.30			5,829.30	41,529.33
1166	Electric General	Synchrophasors	164.39	-	164.39			164.39	89,290.20
1167	Electric General	Synchrophasors	4,240.60	-	4,240.60			4,240.60	37,368.49
1168	Electric General	Synchrophasors	-	-	-			-	12,087.75

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(A)		(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Cost Recovery Method	Project Category
1149	Electric General	SPS Sub Communication Network Group 1 Total	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 Anarillo 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 Anarillo 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
1150	Electric General	SPS Sub Communication Network Group 3	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 Anarillo 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 Anarillo 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
1151	Electric General	SPS Sub Communication Network Group 3 Total			
1152	Electric General	SPS Switch Replace	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
1153	Electric General	SPS Switch Replace Total			
1154	Electric General	SPS Walkemeyer 345 115 280 MVA SUB	This project constructed the new Carpenter Switching Station (formerly Stevens County) which is located on the 34.5-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
1155	Electric General	SPS Walkemeyer 345 115 280 MVA SUB			
1156	Electric General	SPS Walkemeyer 345 115 280 MVA SUB Total			
1157	Electric General	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.	SPP Base Plan	RE
1158	Electric General	Sundown 230/115 Auto Upgrade Total			
1159	Electric General	Synchrophasors			
1160	Electric General	Synchrophasors			
1161	Electric General	Synchrophasors			
1162	Electric General	Synchrophasors			
1163	Electric General	Synchrophasors			
1164	Electric General	Synchrophasors			
1165	Electric General	Synchrophasors			
1166	Electric General	Synchrophasors			
1167	Electric General	Synchrophasors			
1168	Electric General	Synchrophasors			

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(A)	(B)	(C)	(D)	(E)	(F)
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 - December 31, 2020)
1169	Electric General	Synchrophasors Total			490,730.51
1170	Electric General	Tools - Engineering			
1171	Electric General	Tools - Engineering Total	A.0006059.246	SPS Ops Engineering Tools	Routine 202,460.71
1172	Electric General	Tools and Equipment			
1173	Electric General	Tools and Equipment	A.0006059.100	Tools Blanket TX Subs	202004 280,994.81
1174	Electric General	Tools and Equipment Total	A.0006059.509	Cell Phone Boosters SPS	202007 14,517.99
1175	Electric General	Tools COM Substation			
1176	Electric General	Tools COM Substation Total	A.0006059.063	SPS Sub Comm Tool Blanket	Routine 295,512.80
1177	Electric General	Tools Line Field Ops	A.0006059.168	SPS Transmission Tool Blanket	Routine 575,014.14
1178	Electric General	Tools Line Field Ops	A.0006059.432	Tool Blanket TX Line	202004 107,956.83
1179	Electric General	Tools Line Field Ops	A.0006059.499	EPZ Mats TX	Routine 745,824.65
1180	Electric General	Tools Line Field Ops	A.0006059.500	EPZ Mats NM	202010 52,364.62
1181	Electric General	Tools Line Field Ops Total	A.0006059.088	SPS Sys Protect Comm Eng Testing Eq	202010 52,441.10
1182	Electric General	Tools System Protection Comm Eng	A.0006059.088	SPS Sys Protect Comm Eng Testing Eq	201905 958,587.20
1183	Electric General	Tools System Protection Comm Eng			Routine 48,954.52
1184	Electric General	Tools System Protection Comm Eng Total			Routine 81,586.87 130,541.39
1185	Electric General	Tools, Training Center			
1186	Electric General	Tools, Training Center	A.0006059.246	Tools Training Center SPS	202004 83,566.59
1187	Electric General	Tools, Training Center	A.0006059.258	SPS Training Center Equipment	202004 85,775.59
1188	Electric General	Tools, Training Center	A.0006059.434	SPS Training Center Tools	Routine 18,514.30
1189	Electric General	Tools, Training Center	A.0006059.506	SPS Training Center Tools	Routine 182,522.77
1190	Electric General	Tools, Training Center			Routine 4,434.51
1191	Electric General	Tools, Training Center Total			Routine 2,012.82 376,826.58
1192	Electric General	Transportation - SPS			
1193	Electric General	Transportation - SPS	A.0006056.165	Fleet New Units El Trans	201601 38.88
1194	Electric General	Transportation - SPS	A.0006056.165	Fleet New Units El Trans	201601 1,874.00
1195	Electric General	Transportation - SPS	A.0006056.223	Fleet New Units El Trans NM	Routine 392,987.28
			A.0006056.224	Fleet New Unit El Trans TX	Routine 3,391,190.54

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(A) Line No.	(B) Asset Class	(C) WBS Level 1 Project Group Name	(D) XES Charges (Included in Column F)	(E) Other Affiliate Charges (Included in Column F)	(F) Total Affiliate Charges (Included in Column F)	(G) Total Native Charges (Column F less I) Within the Total Additions to Plant-in-Service Shown in Column (F)
1169	Electric General	Synchrophasors Total	13,213.73	-	13,213.73	477,516.78
1170	Electric General	Tools - Engineering	-	-	-	202,460.71
1171	Electric General	Tools - Engineering Total	-	-	-	202,460.71
1172	Electric General	Tools and Equipment	-	-	-	280,994.81
1173	Electric General	Tools and Equipment	-	-	-	14,517.99
1174	Electric General	Tools and Equipment Total	-	-	-	295,512.80
1175	Electric General	Tools COM Substation	-	-	-	575,014.14
1176	Electric General	Tools COM Substation Total	-	-	-	575,014.14
1177	Electric General	Tools Line Field Ops	-	-	-	107,956.83
1178	Electric General	Tools Line Field Ops	-	-	-	745,824.65
1179	Electric General	Tools Line Field Ops	-	-	-	52,364.62
1180	Electric General	Tools Line Field Ops	-	-	-	52,441.10
1181	Electric General	Tools Line Field Ops Total	-	-	-	958,587.20
1182	Electric General	Tools System Protection Comm Eng	-	-	-	48,954.52
1183	Electric General	Tools System Protection Comm Eng	-	-	-	81,586.87
1184	Electric General	Tools System Protection Comm Eng Total	-	-	-	130,541.39
1185	Electric General	Tools, Training Center	-	-	-	83,566.59
1186	Electric General	Tools, Training Center	-	-	-	85,775.59
1187	Electric General	Tools, Training Center	-	-	-	18,514.30
1188	Electric General	Tools, Training Center	-	-	-	182,522.77
1189	Electric General	Tools, Training Center	-	-	-	4,434.51
1190	Electric General	Tools, Training Center	-	-	-	2,012.82
1191	Electric General	Tools, Training Center Total	-	-	-	376,826.58
1192	Electric General	Transportation - SPS	-	-	-	38.88
1193	Electric General	Transportation - SPS	-	-	-	1,874.00
1194	Electric General	Transportation - SPS	8,177.61	-	8,177.61	384,809.67
1195	Electric General	Transportation - SPS	27,653.21	-	27,653.21	3,363,537.33

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(A) Line No.	(B) Asset Class	(K) WBS Level 1 Project Group Name	(L) WBS Level 1 Project Group Description	(M) Cost Recovery Method	(N) Project Category
1169	Electric General	Synchrophasors Total	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
1170	Electric General	Tools - Engineering			
1171	Electric General	Tools - Engineering Total	This project purchased capital tools for engineering purposes, such as relays and test equipment for commissioning laboratories.	SPS Zonal	OT
1172	Electric General	Tools and Equipment			
1173	Electric General	Tools and Equipment			
1174	Electric General	Tools and Equipment Total	This project purchased tools and equipment for capital work at substations.	SPS Zonal	OT
1175	Electric General	Tools COM Substation			
1176	Electric General	Tools COM Substation Total	This project purchased capital tools for construction and maintenance activities.	SPS Zonal	OT
1177	Electric General	Tools Line Field Ops			
1178	Electric General	Tools Line Field Ops			
1179	Electric General	Tools Line Field Ops			
1180	Electric General	Tools Line Field Ops			
1181	Electric General	Tools Line Field Ops Total	This project purchased capital tools for the construction of capital projects.	SPS Zonal	OT
1182	Electric General	Tools System Protection Comm Eng			
1183	Electric General	Tools System Protection Comm Eng			
1184	Electric General	Tools System Protection Comm Eng Total	This project purchased the equipment panels for the Substation Design, Substation Communications, and System Protection Engineering Lab. These equipment panels have been used to mount the protective relaying, communication relaying, power supplies, and metering equipment used in the lab. These panels and equipment are being used for research and development of advanced communication and protection relaying schemes as well as for event analysis and troubleshooting of field situations that require engineering support.	SPS Zonal	OT
1185	Electric General	Tools, Training Center			
1186	Electric General	Tools, Training Center			
1187	Electric General	Tools, Training Center			
1188	Electric General	Tools, Training Center			
1189	Electric General	Tools, Training Center			
1190	Electric General	Tools, Training Center			
1191	Electric General	Tools, Training Center Total	This project purchased capital tools to construct capital projects and capital tools to be used in the training center.	SPS Zonal	OT
1192	Electric General	Transportation - SPS			
1193	Electric General	Transportation - SPS			
1194	Electric General	Transportation - SPS			
1195	Electric General	Transportation - SPS			

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(A)	(B)	(C)	(D)	(E)	(F)
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 - December 31, 2020)
1196	Electric General	Transportation - SPS Total			3,786,090.70
1197	Electric General	Tuco SVC Control and Protection Repl			
1198	Electric General	Tuco SVC Control and Protection Repl Total	A.0001176.003	Tuco NK80-NK75 Comm	66,190.97 66,190.97
1199	Electric General	Yoakum 115kV BFR			
1200	Electric General	Yoakum 115kV BFR	A.0000658.006	Terry Co Comm	943.32
1201	Electric General	Yoakum 115kV BFR Total	A.0000658.007	Seagraves Comm	2,838.62 3,781.94
1202	Electric General Total				\$ 15,682,359.38
1203	Grand Total				\$ 453,400,642.13

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(A)	(B)	(G)	(H)	(I)	(J)	
Line No.	Asset Class	WBS Level 1 Project Group Name	XES Charges (Included in Column F)	Other Affiliate Charges (Included in Column F)	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)
1196	Electric General	Transportation - SPS Total	35,830.82	-	35,830.82	3,750,259.88
1197	Electric General	Tuco SVC Control and Protection Repl	422.90	-	422.90	65,768.07
1198	Electric General	Tuco SVC Control and Protection Repl Total	422.90	-	422.90	65,768.07
1199	Electric General	Yoakum 115kV BFR	943.32	-	943.32	-
1200	Electric General	Yoakum 115kV BFR	-	-	-	2,838.62
1201	Electric General	Yoakum 115kV BFR Total	943.32	-	943.32	2,838.62
1202	Electric General Total		\$ 277,929.19	\$ -	\$ 277,929.19	\$ 15,404,430.19
1203	Grand Total		\$ 4,165,083.93	\$ 422.86	\$ 4,165,506.79	\$ 449,235,135.34

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(A)	(B)	(K)	(L)	(M)
Line No.	Asset Class	WBS Level 1 Project Group Name	WBS Level 1 Project Group Description	Project Category
1196	Electric General	Transportation - SPS Total	These projects purchased fleet vehicles for operation in the SPS area. The vehicles included automobiles, trucks, heavy vehicles such as bucket trucks, high-reach bucket trucks, hole-diggers, and trailers. Without these vehicles, crews would not have access to a predictable and reliable method of transport nor have the necessary equipment to perform needed transmission construction work.	OT
1197	Electric General	Tucum 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.	SR
1198	Electric General	Tucum SVC Control and Protection Repl Total		
1199	Electric General	Yoakum 115kV BFR		
1200	Electric General	Yoakum 115kV BFR		
1201	Electric General	Yoakum 115kV BFR Total	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.	RE
1202	Electric General	Electric General Total		
1203	Grand Total	Grand Total		