

BEFORE THE NEW MEXICO PUBLIC REGULATION COMMISSION

IN THE MATTER OF SOUTHWESTERN	)	
PUBLIC SERVICE COMPANY'S	)	
APPLICATION FOR: (1) REVISION OF	)	
ITS RETAIL RATES UNDER ADVICE	)	
NOTICE NO. 292; (2) AUTHORIZATION	)	CASE NO. 20-00238-UT
AND APPROVAL TO ABANDON ITS	)	
PLANT X UNIT 3 GENERATING	)	
STATION; AND (3) OTHER	)	
ASSOCIATED RELIEF,	)	
	)	
SOUTHWESTERN PUBLIC SERVICE	)	
COMPANY,	)	
	)	
APPLICANT.	)	
	)	

DIRECT TESTIMONY

of

CASEY S. MEEKS

on behalf of

SOUTHWESTERN PUBLIC SERVICE COMPANY

TABLE OF CONTENTS

GLOSSARY OF ACRONYMS AND DEFINED TERMS.....	iii
LIST OF ATTACHMENTS	iv
I. WITNESS IDENTIFICATION AND QUALIFICATIONS	1
II. ASSIGNMENT AND SUMMARY OF TESTIMONY AND RECOMMENDATIONS.....	4
III. THE RANKING, ESTIMATION, AND MANAGEMENT OF DISTRIBUTION CAPITAL ADDITIONS.....	7
IV. DISTRIBUTION CAPITAL ADDITIONS.....	16
A. DISTRIBUTION CAPITAL ADDITIONS FOR THE PERIOD OCTOBER 1, 2019 THROUGH SEPTEMBER 30, 2020	16
B. DISTRIBUTION CAPITAL ADDITIONS FOR THE PERIOD OCTOBER 1, 2020 THROUGH FEBRUARY 28, 2021.....	26
V. DISTRIBUTION BUSINESS AREA O&M EXPENSES	35
VERIFICATION.....	42

GLOSSARY OF ACRONYMS AND DEFINED TERMS

<u>Acronym/Defined Term</u>	<u>Meaning</u>
Base Period	October 1, 2019 through September 30, 2020
Commission	New Mexico Public Regulation Commission
CWIP	Construction Work in Progress
FERC	Federal Energy Regulatory Commission
kV	kilovolt
LED	light-emitting diode
O&M	Operation and Maintenance
Operating Companies	Northern States Power Company, a Minnesota corporation; Northern States Power Company, a Wisconsin corporation; Public Service Company of Colorado, a Colorado corporation; and SPS
RFP	Rate Filing Package
SPS	Southwestern Public Service Company, a New Mexico corporation
Test Year	Historical Test Year Period consisting of the Base Period and further incorporating all proper adjustments and capital additions
WBS	Work Breakdown Structure
Xcel Energy	Xcel Energy Inc.
XES	Xcel Energy Services Inc.

LIST OF ATTACHMENTS

<u>Attachment</u>	<u>Description</u>
CSM-1	Total Company Amounts and Jurisdictional Percentages (<i>Filename:</i> CSM-1.xlsx)
CSM-2	Distribution Capital Additions to Plant-in-Service: October 1, 2019 through September 30, 2020 (<i>Filename:</i> CSM-2.xlsx)
CSM-3	Distribution Capital Additions to Plant-in-Service: October 1, 2020 through February 28, 2021 (<i>Filename:</i> CSM-3.xlsx)
CSM-4	Distribution Operation and Maintenance Expense by FERC Account October 1, 2019 through September 30, 2020 (<i>Filename:</i> CSM-4.xlsx)

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 **I. WITNESS IDENTIFICATION AND QUALIFICATIONS**

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

3 A. My name is Casey S. Meeks. My business address is 4201 Frankford, Lubbock,
4 Texas 79407.

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

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

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

10 A. I am employed by SPS as Senior Director, Distribution Operations.

11 **Q. Please briefly outline your responsibilities as Senior Director, Distribution**
12 **Operations.**

13 A. My responsibilities as Senior Director, Distribution Operations include leading the
14 SPS Distribution Operations organization, which includes electric distribution
15 design and layout, construction, operations, maintenance, and emergency repair
16 activities for the SPS distribution systems. As such, I provide the central point of
17 contact for all issues regarding SPS Distribution Operations. I am also responsible
18 for deploying Distribution Operations personnel in an effective and efficient

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 manner, with an emphasis on safety, reliability, customer satisfaction, and
2 compliance.

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

4 A. I received a Bachelor of Science degree in Mechanical Engineering from Texas
5 Tech University in Lubbock, Texas in December of 2007.

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

7 A. I was hired by SPS in Hobbs, New Mexico as a distribution engineer in January of
8 2008. As a distribution engineer, I was responsible for the design, procurement of
9 materials, and management of projects primarily related to the extension of
10 electrical service to new customers in and around the Hobbs, New Mexico area. In
11 2011, I took a position as Manager of Distribution Design for the Texas South and
12 New Mexico regions of SPS, leading a team of designers and engineers responsible
13 for the design of projects that safely serve new electric customers and provide for
14 distribution system reliability. In 2013, I was promoted to Director of Distribution
15 Engineering, Construction and Maintenance for the Texas South division of SPS.
16 In October of 2018, I began my current position as Senior Director of Distribution
17 Operations for SPS, where I devote my time to operating SPS's Texas and New
18 Mexico electric distribution systems.

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

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

2 A. Yes. I am a licensed Professional Engineer in Texas and New Mexico.

3 **Q. Are you a member of any professional organizations?**

4 A. Yes. I am a member of the American Society of Mechanical Engineers.

5 **Q. Have you testified or submitted pre-filed written testimony in any prior**
6 **proceedings?**

7 A. Yes. I submitted pre-filed written testimony in SPS's last base rate case before the
8 New Mexico Public Regulation Commission ("Commission"), which was Case No.
9 19-00170-UT.¹ I have also submitted pre-filed written testimony before the Public
10 Utility Commission of Texas.

¹ *In the Matter of Southwestern Public Service Company's Application for: (1) Revision of Its Retail Rates Under Advice Notice No. 282; (2) Authorization and Approval to Shorten the Service Life and Abandon Its Tolk Generating Station Units; and (3) Other Related Relief*, Case No. 19-00170-UT, Direct Testimony of Casey S. Meeks (July 1, 2019).

II. ASSIGNMENT AND SUMMARY OF TESTIMONY AND
RECOMMENDATIONS

4 A. My testimony will address the following topics:

- 9 In addition, I sponsor Schedules P-8 and P-10 of SPS's Rate Filing Package
10 ("RFP").

A. I recommend that the Commission approve SPS's request to include \$118,705,948 of new Distribution capital additions. Those capital additions, which have been

4

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 placed in service or will be placed in service during the period from October 1,
2 2019 through February 28, 2021, are reasonable and necessary to serve new
3 customers and to maintain the safety and reliability of SPS's distribution system in
4 New Mexico.

5 I also recommend that the Commission approve SPS's O&M expense for
6 Distribution operations as being reasonable and necessary operating expenses.
7 Those costs are necessary to operate and maintain the distribution system used to
8 provide safe and reliable electric service to New Mexico customers.

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

11 A. For those amounts that are quantified on a total company basis and then allocated
12 among the jurisdictions, I quantify the expense and asset amounts on a New Mexico
13 retail basis by applying the jurisdictional allocation percentages that SPS witness
14 Stephanie N. Niemi uses to develop the New Mexico retail revenue requirement in
15 her Attachment SNN-6.³ Ms. Niemi is responsible for calculating jurisdictional

³ Unlike the Production and Transmission capital projects, Distribution capital projects generally serve specific locations, rather than the entire SPS system, and therefore they are direct-assigned to either the New Mexico retail jurisdiction or the Texas retail jurisdiction. Accordingly, the jurisdictional allocations discussed in the text do not pertain to the Distribution capital additions. However, they do pertain to the General capital projects that I support and to the Distribution O&M expense.

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 allocation percentages that apply to the various cost components in the cost of
2 service. My staff and I conferred with Ms. Niemi and her staff to determine these
3 New Mexico retail jurisdictional amounts presented in my testimony and
4 attachments. If the percentages used to allocate amounts to the New Mexico retail
5 jurisdiction change, those new allocation percentages will need to be applied to the
6 total company numbers to derive updated New Mexico retail amounts. My
7 Attachment CSM-1 contains the total company numbers and the jurisdictional
8 percentages used to derive the New Mexico retail amounts in my testimony.

9 **Q. Were Attachments CSM-1 through CSM-4 prepared by you or under your**
10 **direct supervision?**

11 A. Yes, although Ms. Niemi and her staff assisted with the preparation of Attachment
12 CSM-1.

13 **Q. Were the RFP Schedules that you sponsor prepared by you or under your**
14 **direct supervision and control?**

15 A. Yes.

16 **Q. Do you incorporate the RFP Schedules that you sponsor into your testimony?**

17 A. Yes.

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

A. The Distribution business area focuses on reliability, safety, customer service, operational efficiency, and the fiscal oversight necessary to construct, operate, and maintain SPS's electric distribution system in New Mexico and Texas. The electrical distribution system is an integral part of SPS's overall operations, providing the medium voltage backbone, the customer service facilities, and the metering of electrical usage. The Distribution business area is composed of the following functional areas:

- Distribution Business Operations;
- Distribution Electric Engineering;
- Distribution Planning and Performance;
- Vice President Distribution Operations;
- Gas Operations;
- Distribution Scheduling;
- Distribution Control Centers; and
- Distribution Operations.

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 Distribution Operations has the primary responsibility in the distribution area,
2 including siting and land rights, design, work coordination, construction, and
3 contract and utility services. The other areas provide necessary support functions
4 such as engineering, scheduling, mapping system maintenance and updates, system
5 reliability and control, and a number of other roles required for end-to-end
6 operations.

7 **Q. How does SPS decide which distribution projects to construct at any given**
8 **time?**

9 A. SPS's distribution capital expenditures can be divided into two broad categories:
10 non-discretionary and discretionary. The non-discretionary projects are those that
11 SPS is required to undertake, either because of its obligation to serve all customers
12 in its New Mexico retail service area or because of the need to preserve the safety
13 and reliability of the distribution system. Discretionary projects are those that will
14 enhance the safety and reliability of the distribution system but can be deferred
15 because they are not immediately necessary to serve new customers or to maintain
16 reliability. SPS prioritizes the construction of the non-discretionary distribution
17 projects, and then it ranks and prioritizes the discretionary projects in accordance
18 with a process that I outline later in my testimony.

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 **Q. What are some types of non-discretionary distribution projects that SPS is**
2 **required to construct?**

3 **A. SPS is required to construct the following types of non-discretionary distribution**
4 **projects:**

- 5 • New Business – These projects include installation of all primary and
6 secondary extensions and service laterals, as well as the replacement and
7 removal of existing electric services. Typically, this is work that is required
8 for SPS to meet its obligation to serve new customers.
- 9 • Distribution Line and Substation Capacity – These projects include
10 infrastructure work related to increasing feeder and substation capacity to
11 deal with equipment overloads, contingencies, and voltage support. This
12 work is usually necessitated by increased load from existing and new
13 customers.
- 14 • Distribution Line and Substation Reconstruction – These are projects
15 constructed to satisfy customers' requests, to comply with city or state
16 requirements, or to adhere to code guidelines. These projects include
17 relocating facilities that are in direct conflict with street expansions within
18 public rights-of-way and safety-related work required by a governing
19 authority. These projects also include the replacement of failed, imminently
20 failing, or damaged equipment. Examples include the replacement of a
21 wood pole that is damaged by a vehicle and the replacement of substation
22 components such as circuit breakers, voltage regulators, or lightning
23 arrestors.
- 24 • Outdoor Lighting – These projects include the installation, removal, and
25 replacement of street and area lighting as required by SPS's tariffs and
26 construction standards. Examples of these projects are the replacement of
27 failing or damaged equipment and new installations made at customers'
28 requests. SPS also replaces existing outdoor lighting with more reliable and

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 cost-effective light-emitting diode (“LED”) lighting fixtures when
2 requested by customers.

3 Collectively, these types of projects consume most of SPS’s distribution capital
4 budget.

5 **Q. Please turn now to the discretionary distribution capital projects. How does**
6 **SPS prioritize those projects?**

7 A. The Distribution business area has a well-defined process for identifying, ranking,
8 and approving discretionary distribution capital projects. At a high level, the
9 process of approving capital expenditures begins with completing all the steps
10 necessary to evaluate the capital expenditures for a project’s life cycle. Identifying
11 and assessing risks and their related mitigations are central to this process.

12 **Q. Please describe what you mean when you refer to “risks” and “mitigations.”**

13 A. Risks are problems that can result in negative consequences to SPS’s customers,
14 the environment, or SPS’s ability to provide safe and reliable service. Mitigations
15 are solutions that address the risks. For example, the following lists both a risk and
16 a possible mitigation for that risk:

17 Risk: Overload of 12.5 kV Livingston Ridge Substation Transformer

18 Mitigation: Install Livingston Ridge #2 Transformer: 115/12.47, 28 MVA

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 **Q. What is the process for identifying and ranking the discretionary distribution**
2 **capital projects?**

3 A. SPS follows the nine-step process listed below to identify and rank discretionary
4 distribution capital projects.

5 **Step 1 -** SPS engineering and operations employees identify potential risks and
6 mitigations, the estimated life of the project, the associated costs, and
7 the estimated in-service date.

8 **Step 2 -** SPS then reviews each risk and mitigation for accuracy, completeness,
9 and reasonableness.

10 **Step 3 -** SPS next scores risks and mitigations based on certain criteria such as
11 the likelihood of the risk occurring and the consequences of failing to
12 address the risk.

13 **Step 4 -** SPS then ranks all risks and mitigations by priority.

14 **Step 5 -** The business area determines which risks/mitigations will be funded
15 during the year.

16 **Step 6 -** Risks and mitigations are assigned a capital work structure based on
17 the type of work involved. Capital projects are classified either as
18 “discrete” or “blanket.”

19 **Step 7 -** In-service dates are projected for large, “discrete” capital projects.
20 “Blanket” work structures are placed in service based on monthly
21 closing patterns.

22 **Step 8 -** SPS then reviews and approves all capital projects that are included
23 within the authorized funding level.

24 **Step 9 -** Approved projects are constructed during the year.

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 **Q. Please describe how engineering and operations personnel estimate the costs**
2 **of proposed capital projects during Step No. 1.**

3 A. Employees generally estimate costs of proposed projects based on historical actual
4 costs of projects with similar scope and scale. Those estimates, of course, must
5 account for any differences between the historical and proposed projects, and they
6 must account for other factors such as increases in the price of materials.

7 **Q. In Step No. 6, you refer to the assignment of work structures. Please describe**
8 **how SPS assigns work structures.⁴**

9 A. When a mitigation becomes an approved project, SPS may assign it a unique
10 tracking number based on a dollar threshold. If the project cost exceeds \$250,000,
11 it is generally considered a “discrete” project, and it is assigned a unique work
12 structure number for purposes of tracking and reporting.

13 If a project cost is less than \$250,000, it is typically considered a routine
14 project whose cost is tracked and recorded under a “blanket” work structure number
15 that includes many other small projects. For example, all new overhead service-
16 wire extensions to new customers in New Mexico may be recorded to a single work

⁴ Although this question refers to Step No. 6 of the process of ranking discretionary projects, the process that I describe for assigning project numbers applies to both discretionary and non-discretionary projects.

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 structure. That avoids the need to create a new unique work structure number for
2 each small project, most of which are completed within a single day and cost only
3 a few hundred dollars.

4 **Q. In Step No. 7, you refer to closing patterns for capital work structures. Please**
5 **explain what that term means.⁵**

6 A. Closing patterns are used to determine how and when capital expenditures are
7 moved from Construction Work in Progress (“CWIP”) to plant in-service.⁶ As I
8 noted in the previous answer, some “blanket” work structures contain dozens or
9 even hundreds of individual small projects. Because of the high-volume, short
10 duration, and virtually identical monthly capital expenditures, the financial system
11 assumes that they are in-service and rolls all dollars along with reconciled property
12 into plant each month. As work order level reconciliation occurs, property is
13 booked into plant. “Discrete” work structure capital expenditures and property are
14 booked to plant only after manual receipt of documents showing that the individual
15 projects are in-service.

⁵ Although this question refers to Step No. 6 of the process of ranking discretionary projects, non-discretionary projects may also close to plant-in-service based on closing patterns

⁶ SPS witness Mark P. Moeller discusses the process of moving capital expenditures from CWIP to plant-in-service in more detail.

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 **Q. Does the Distribution business area take steps to manage and control capital**
2 **costs?**

3 A. Yes. After the estimates for new projects are developed, all projects follow a flow
4 process that requires reviews and approvals at the budget, management, senior
5 management, and executive levels. After this approval, the Distribution business
6 area monitors all distribution capital dollars to ensure that authorized projects align
7 with the established forecast. SPS monitors actual spending compared to forecasted
8 levels on a regular basis.

9 **Q. Are employees within the Distribution business area held accountable for**
10 **deviations from the budget?**

11 A. Yes. All management employees in the Distribution business area have specific
12 budgetary targets that are measured on a monthly basis to ensure adherence to the
13 targets and provide for action plan development to address variances.

14 Performance evaluations for management employees, in both operating
15 areas and investment delivery, incorporate specific budgetary goals. Performance
16 is measured on a monthly basis to ensure adherence to the goals and provide for
17 action plan development to address variances. Performance management plans for
18 all directors and managers include a metric associated with their capital spending.

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

- 1 This metric is designed to develop accurate capital project costs and manage the
- 2 planned capital additions. The scorecard for SPS also contains a Key Performance
- 3 Indicator associated with capital additions.

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 **IV. DISTRIBUTION CAPITAL ADDITIONS**

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

4 A. Yes. SPS seeks to include in rate base Distribution capital additions that have
5 closed or are expected to close to plant-in-service during the period from October
6 1, 2019 through February 28, 2021. SPS has included these capital additions in its
7 Test Year rate base. In Subsection A, I address the capital additions that closed to
8 plant-in-service during the Base Period, which was the twelve-month period from
9 October 1, 2019 through September 30, 2020. In Subsection B, I discuss the capital
10 additions that have closed to plant-in-service or that are expected to close to plant-
11 in-service during the five-month period from October 1, 2020 through February 28,
12 2021. All of these Distribution capital additions support SPS's ability to provide
13 safe and reliable electric service to its customers.

14 **A. Distribution Capital Additions for the Period October 1,**
15 **2019 through September 30, 2020**

16 **Q. What amount of Distribution capital additions is SPS requesting to include in**
17 **rate base for the period from October 1, 2019 through September 30, 2020?**

18 A. SPS is requesting \$71,954,130 on a New Mexico retail basis in Distribution capital
19 additions for the period from October 1, 2019 through September 30, 2020. This

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 amount consists of \$68,423,634 of Distribution plant capital additions, \$2,710,230
2 (\$9,015,359 total company) of General plant capital additions, and \$820,267
3 (\$2,728,550 total company) of Intangible plant capital additions.

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

7 A. Yes. Attachment CSM-2 is a list of SPS's requested Distribution capital additions
8 for the period from October 1, 2019 through September 30, 2020. Note that on
9 Attachment CSM-2, projects listed as "blankets" are routine projects with the
10 closing patterns I described in the previous section of my testimony. Table CSM-1
11 (next page) lists the information about Distribution capital projects that appears in
12 Attachment CSM-2:

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

Table CSM-1

Capital Asset Information Listed in Attachment CSM-2

Column A	Asset Class	Identifies the type of asset.
Column B	Witness	Identifies the witness supporting the project.
Column C	Project Category	Provides the project category that is descriptive of the project's type.
Column D	Work Breakdown Structure ("WBS") Level 2 Number ⁷	Provides the WBS Level 2 number for the project
Column E	Project Description (WBS Level 2 Description)	Provides a short title for the WBS Level 2 number for the project.
Column F	Additions to Plant-in-Service (October 1, 2019 through September 30, 2020) Total Company	Provides the Total Company dollar amount for the plant additions for the period October 1, 2019 through September 30, 2020.
Column G	Additions to Plant-in-Service (October 1, 2019 through September 30, 2020) NM Retail	Provides the New Mexico Retail dollar amount for the plant additions for the period October 1, 2019 through September 30, 2020.

⁷ Mr. Moeller describes the "Work Breakdown Structure" hierarchy in his direct testimony.

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 **Q. Please describe the types of Distribution capital additions placed in service for**
2 **the period of October 1, 2019 through September 30, 2020.**

3 **A.** As shown in Table CSM-2 below, the plant additions for this period fall within the
4 following categories: (1) New Business; (2) Distribution Line and Substation
5 Capacity; (3) Purchases; (4) Distribution Line and Substation Reconstruction; and
6 (5) Outdoor/Area Lighting.

7 **Table CSM-2**
8 **Distribution – Capital Investment**
9 **for the period from October 1, 2019 through September 30, 2020**

Type of Work	Distribution Capital Additions (NM retail)	General and Intangible Capital Additions (Total Company)	General and Intangible Capital Additions (NM Retail)	Total Capital Additions for Distribution Function (NM Retail)
New Business	\$12,176,517			\$12,176,517
Distribution Line and Substation Capacity	\$32,459,412			\$32,459,412
Purchases	\$6,684,851	\$11,743,909	\$3,530,496	\$10,215,347
Distribution Line and Substation Reconstruction	\$14,364,616			\$14,364,616
Outdoor/Area Lighting	\$2,738,238			\$2,738,238
Total	\$68,423,634			\$71,954,130

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 **Q. Please describe the “New Business” category of the Distribution capital**
2 **additions.**

3 **A.** As I explained earlier, these projects are in response to customer requests for new
4 or additional service. They include the installation of all primary and secondary
5 extensions and service laterals, as well as the replacement and removal of existing
6 electric services. As shown in Table CSM-2, New Business projects total
7 \$12,176,517 on a New Mexico retail basis. The projects described below account
8 for 58% of the total dollar amount of capital additions in this category. The
9 remaining 42% of projects are similar in nature in that they are necessary to extend
10 service to new retail customers in New Mexico.

- 11 • **New Mexico Overhead Extension Blanket.** \$5,532,095 New Mexico
12 retail. (WBS Level 2 A0010002.001) A typical “blanket” or “routine”
13 project includes the installation of transformers and secondary poles to
14 provide new electrical service to homes, wells, or other facilities. The
15 installation of service wire from alleys to homes is another example of
16 the high-volume work that occurs on a daily basis under this category
17 of capital additions.
- 18 • **CBAD/STRATA RECONDUCTORS/GNOME.** \$882,975 New
19 Mexico retail. (WBS Level 2 A0010076.003). This project was to
20 reconductor 4.5 miles of distribution line and to convert 5.5 miles of
21 single-phase to three-phase line to serve an additional 11,500
22 horsepower of oil and gas load in southeast New Mexico.
- 23 • **EUNICE/DODGER FIELD/EXT.** \$702,656 New Mexico retail.
24 (WBS Level 2 A.0010076.007) This project entailed the construction of

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 over one mile of new line, two miles of existing line upgrades, and
2 equipment additions needed to serve new customer oilfield load of
3 approximately 1,600 horsepower.

4 **Q. Please describe the “Distribution Line and Substation Capacity” category of**
5 **the Distribution capital additions.**

6 A. These projects typically increase feeder and substation capacity to deal with
7 equipment overloads, contingencies, and voltage support. Typically, this work is
8 necessitated by increased load from existing and new customers. As shown in
9 Table CSM-2, Distribution Line and Substation Capacity projects total \$32,459,412
10 on a New Mexico retail basis. The projects described below account for 81% of
11 the total dollar amount of capital additions in this category. The remaining 19% of
12 projects are similar in nature in that they are necessary to serve the increased load
13 from existing and new customers.

- 14 • **TAM: Convert South Loving 69kV.** \$7,221,150 New Mexico retail.
15 (WBS Level 2 A.0005522.261) This project was needed to convert the
16 transmission voltage of the South Loving substation from 69 kilovolts
17 (“kV”) to 115 kV. The 69 kV system is reaching its capabilities in areas
18 of SPS. The conversion work supports general system growth.
- 19 • **Reconductor Carlsbad Feeders.** \$4,338,356 New Mexico retail
20 (WBS Level 2 A.0010092.013). This project was needed to reconductor
21 feeders throughout the City of Carlsbad to allow for increased ampacity
22 and reduced voltage drop to improve the quality of service to customers.

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

- 1 • **Install Roadrunner Substation.** \$3,551,158 New Mexico retail.
2 (WBS Level 2 A.0000424.238) This project was needed to install a new
3 distribution substation transformer at Roadrunner Substation and
4 associated feeders to serve general oil and gas load in southeastern New
5 Mexico.
- 6 • **Artesia Country Club DCP Subs.** \$2,267,376 New Mexico retail
7 (WBS Level 2 A.0000126.016). This project was necessary to rebuild
8 the Country Club Substation in Artesia to allow for the transmission
9 voltage conversion from 69 kV to 115 kV and the replacement of aging
10 distribution substation assets.
- 11 • **20180517_PEARL_4D25.** \$2,247,063 New Mexico retail (WBS Level
12 2 A.0010092.008). This project was for reconductoring 12 miles of
13 feeder 4D25 out of Pearl substation to allow for increased capacity and
14 the ability to serve an additional 2,400 horsepower of oilfield load in
15 southeastern New Mexico.
- 16 • **Install Ponderosa 3rd Feeder.** \$2,073,069 New Mexico retail (WBS
17 Level 2 A0010092.006). This project entailed the construction of over
18 13 miles of a new three-phase 25-kV electrical system, along with
19 numerous equipment additions for voltage and reactive power support.
20 This project was undertaken in response to numerous requests to support
21 massive multi-year development within the southeastern New Mexico
22 region, where only a limited transmission and distribution system
23 previously existed.
- 24 • **Artesia Country Club TAM Conve.** \$2,068,544 New Mexico retail
25 (WBS Level 2 A.0005522.272). This project also was part of the
26 rebuilding of the Country Club Substation in Artesia to convert to 115
27 kV. As stated above, the 69 kV system is reaching its capabilities in
28 areas of SPS. The conversion work supports general system growth.
- 29 • **JAL EO/Sage Brush 4520 / RoadRunner.** \$2,063,160 New Mexico
30 retail (WBS Level 2 A.0010092.009). This project was for 9 miles of
31 line extension and 1.3 miles of reconductor to complete a tie between
32 Sage Brush Substation and Roadrunner Substation. This line was

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 necessary for increased capacity to serve approximately 10,000
2 kilowatts of additional new oil and gas loads in southeast New Mexico.

3 **Q. Please describe the “Purchases” category of the Distribution capital additions.**

4 A. These projects include the purchase of distribution line transformers and
5 distribution meters, which are acquired to provide timely service in accordance with
6 tariff requirements, to carry out standard construction projects necessary to meet
7 customer requirements, and to replace failed or damaged equipment. Federal
8 Energy Regulatory Commission (“FERC”) guidelines require that transformers and
9 meter purchases be capitalized upon receipt of material and not upon the installation
10 or in-service date of the equipment, like other capital property. As shown in Table
11 CSM-2, Purchases total \$10,215,347 on a New Mexico retail basis. The projects
12 described below account for 73% of the total dollar amount of capital additions in
13 this category. The remaining 27% of projects are similar in nature in that they are
14 necessary to provide timely service in accordance with tariff requirements, to carry
15 out standard construction projects necessary to meet customer requirements, and to
16 replace failed or damaged equipment

- 17 • **NM Electric Distribution Transformer.** \$3,360,469 New Mexico
18 retail. (WBS Level 2 D.0005014.011). This project is necessary to
19 purchase new distribution transformers so that they will be available to

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 replace failed or aging distribution transformers in the New Mexico
2 service area.

3 • **NM Elec - Easement.** \$3,001,171 New Mexico retail (WBS Level 2
4 A.0005517.013). This project is necessary to secure easements and
5 permitting rights for new capital projects in New Mexico.

6 • **DIST Fleet New Unit Purchases.** \$1,062,224 New Mexico retail.
7 (\$3,533,401 total company) (WBS Level 2 A.0006056.213). This
8 project is necessary to purchase fleet vehicles and equipment to support
9 distribution work.

10 **Q. Please further describe the “Distribution Line and Substation Reconstruction”**
11 **category of the Distribution capital additions.**

12 A. These are projects constructed to satisfy customers’ requests, to comply with city
13 or state requirements, or to adhere to code guidelines. As shown in Table CSM-2,
14 Distribution Line and Substation Reconstruction projects total \$14,364,616 on a
15 New Mexico retail basis. The projects described below account for 85% of the total
16 dollar amount of capital additions in this category. The remaining 15% of projects
17 are similar in nature in that they are necessary to satisfy customers’ requests, to
18 comply with city or state requirements, or to adhere to code guidelines.

19 • **NM – Overhead Rebuild Blanket.** \$4,342,465 New Mexico retail.
20 (WBS Level 2 A0010018.001) Typical “blanket” projects include
21 relocations of facilities that are in direct conflict with street expansions
22 within public rights-of-way and safety-related work required by a
23 governing authority. These projects also include the replacement of
24 failed, eminently failing, or damaged equipment. Examples include the
25 replacement of a wood pole that is damaged by a vehicle and the

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 replacement of substation components such as circuit breakers, voltage
2 regulators, or lightning arrestors.

- 3 • **SPS-NM Convert Obsolete Vltg.** \$2,413,610 New Mexico retail
4 (WBS Level 2 A.0005508.147). This structure included approximately
5 15 projects to rebuild and upgrade the Blodgett substation in Carlsbad,
6 NM from an older 2400-volt system to a more modern 15-kV system.
- 7 • **NM – Pole Blanket.** \$1,926,459 New Mexico retail. (WBS Level 2
8 A.0010018.007). These costs are incurred to replace poles that are
9 damaged or that otherwise fail.
- 10 • **New Mexico Major Storm Recovery.** \$1,891,452 New Mexico retail.
11 (WBS Level 2 A.0005584.002). This work was necessary to restore
12 service after a storm.
- 13 • **CBAD/LIVING RIDGE 4A055I RECONS.** \$1,663,583 New Mexico
14 retail. (WBS Level 2 A.0010076.006). This project was to reconductor
15 feeder 4A055I from Livingston Ridge Substation to allow for increased
16 feeder capacity to serve new oil and gas load in southeastern New
17 Mexico.

18 **Q. Please further describe the “Outdoor/Area Lighting” category of the**
19 **Distribution capital additions.**

20 **A.** These projects include the installation, removal, and replacement of street and area
21 lighting as required by SPS’s tariffs and construction standards. Examples of these
22 projects are the replacement of failing or damaged equipment and new installations
23 made at customers’ requests. On line 16 of Attachment CSM-2, the NM-LED
24 Street Light Conversion (\$2,738,238 New Mexico retail) work structure involves

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 the ongoing replacement of mercury vapor and high-pressure sodium lighting
2 facilities with modern, more cost-effective, LED fixtures.

3 **Q. Are the Distribution capital additions for the period of October 1, 2019**
4 **through September 30, 2020 presented in Attachment CSM-2 reasonable and**
5 **necessary?**

6 A. Yes. As discussed in my testimony above, the Distribution capital additions
7 presented in Attachment CSM-2 are reasonable and necessary to provide safe and
8 reliable electric service to SPS's customers. The process for developing costs and
9 managing projects ensures that the expenditures are reasonable and necessary, and
10 that the costs were prudently incurred.

11 **B. Distribution Capital Additions for the Period October**
12 **1, 2020 through February 28, 2021**

13 **Q. What amount of Distribution capital additions is SPS requesting to include in**
14 **rate base for the period from October 1, 2020 through February 28, 2021?**

15 A. SPS is requesting to include in rate base \$46,751,818 on a New Mexico retail basis
16 in Distribution capital additions for the period of October 1, 2020 through February
17 28, 2021. This amount consists of \$45,889,678 in Distribution plant capital
18 additions and \$862,139 (\$2,867,836 total company) in General plant capital
19 additions. Attachment CSM-3 provides all of the Distribution and General capital
20 additions to plant-in-service during this time period.

1 **Q. Please describe the information included in Attachment CSM-3.**

3 **Table CSM-3**

Column A —	Asset Class	Identifies the type of asset.
Column B —	Witness	Identifies the witness supporting the project.
Column C —	Project Category	Provides the project category that is descriptive of the project's type.
Column D—	Project Description	Provides a short title that describes the project.
Column E —	Additions to Plant-in-Service (October 1, 2020 through February 28, 2021) Total Company	Provides the Total Company dollar amount for the plant additions for the period October 1, 2020 through February 28, 2021.
Column F —	Additions to Plant-in-Service (October 1, 2020 through February 28, 2021) NM Retail	Provides the New Mexico retail dollar amount for the plant additions for the period October 1, 2020 through February 28, 2021.

7 A. The capital additions that have been or will be placed in service during the period
8 from October 1, 2020 through February 28, 2021 are similar to the projects that

1 were closed to plant-in-service during the period from October 1, 2019 through
2 September 30, 2020, which I discussed in the previous subsection of my testimony.
3 As with the projects above, these projects support SPS's ability to provide safe and
4 reliable electric service to its customers. Table CSM-4 shows the project categories
5 and amounts.

6
7
8

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

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

2 A. The general description of the New Business category provided in the previous
3 subsection of this testimony also applies to the projects included for the period from
4 October 1, 2020 through February 28, 2021 identified as “New Business” on
5 Attachment CSM-3. The total planned investment in this category is \$10,782,531
6 on a New Mexico retail basis during the period. The projects described below
7 account for 50% of the total dollar amount of capital additions in this category. The
8 remaining 50% of projects are similar in nature in that they are incurred to extend
9 service to new New Mexico retail customers.

- 10 • **Sage Brush/Pearl Project.** \$2,065,073 New Mexico retail. This
11 project is necessary to extend new 23 kV lines and associated equipment
12 for service to new, primarily oil and gas exploration related loads in the
13 Sage Brush/Pearl area of New Mexico.
- 14 • **NM OH Extension and Services.** \$1,969,977 New Mexico retail. This
15 project is necessary to extend distribution lines and services to serve
16 new load in New Mexico.
- 17 • **Sagebrush Service Extension.** \$1,375,926 New Mexico retail. This
18 project is necessary to provide service to multiple new, primarily oil and
19 gas exploration related customer service requests in the area west of
20 Sagebrush.
21
22

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 **Q. Please describe the types of projects included in the “Distribution Line and**
2 **Substation Capacity” category.**

3 **A.** The general description of the Distribution Line and Substation Capacity category
4 provided in the previous subsection of this testimony also applies to the projects
5 included for the period from October 1, 2020 through February 28, 2021 identified
6 as “Distribution Line and Substation Capacity” on Attachment CSM-3. The total
7 planned investment in this category is \$23,732,970 on a New Mexico retail basis
8 during the period. The projects described below account for 88% of the total dollar
9 amount of capital additions in this category. The remaining 12% of projects are
10 similar in nature in that they increase feeder and substation capacity to deal with
11 equipment overloads, contingencies, and voltage support. As I explained earlier in
12 my testimony, this work typically is necessitated by increased load from existing
13 and new customers.

- 14 • **Malaga Substation and Feeders.** \$12,020,814 New Mexico retail.
15 This project is necessary to install a new substation transformer and
16 associated feeders to serve general oil and gas load in the Malaga area.
17
- 18 • **Medanos Substation and Feeders.** \$6,811,588 New Mexico retail.
19 This project is necessary to install a new substation transformer and
20 associated feeders to serve general oil and gas load in southeastern New
21 Mexico.

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

- **Sisko Substation and Feeders.** \$2,056,542 New Mexico retail. This project is necessary to install a new substation transformer and associated feeders to serve load growth in the Carlsbad area.

Q. Please describe the types of projects included in the “Purchases” category.

A. The general description of the Purchases category provided in the previous subsection of this testimony also applies to the projects included for the period from October 1, 2020 through February 28, 2021 identified as “Purchases” on Attachment CSM-3. The total planned investment in this category is \$3,110,719 on a New Mexico retail basis during the period. The projects described below account for 77% of the total dollar amount of capital additions in this category. The remaining 23% of projects are similar in nature in that they represent costs incurred to provide timely service in accordance with tariff requirements, to carry out standard construction projects necessary to meet customer requirements and to replace failed or damaged equipment.

- **New Mexico Transformer Purchases.** \$1,278,386 New Mexico retail. This project is necessary to purchase new distribution transformers so that they will be available to replace failed or aging distribution transformers in the New Mexico service area.
- **Distribution Fleet Purchases.** \$362,090 New Mexico retail (\$1,204,462 total company). This project is necessary to purchase fleet vehicles and equipment to support distribution work.

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

- 1 • **New Mexico Easements.** \$582,897 New Mexico retail. This project is
2 necessary to secure easements and permitting rights for new capital
3 projects in New Mexico.
4
- 5 • **New Mexico Meters.** \$165,391 New Mexico retail. This project is
6 necessary to purchase new meters that will be used to serve New Mexico
7 customers.

8 **Q. Please describe the types of projects included in the “Distribution Line and**
9 **Substation Reconstruction” category.**

10 **A.** The general description of the Distribution Line and Substation Reconstruction
11 category provided in the previous subsection of this testimony also applies to the
12 projects included for the period from October 1, 2020 through February 28, 2021
13 identified as “Distribution Line and Substation Reconstruction” on Attachment
14 CSM-3. The total planned investment in this category is \$7,847,176 on a New
15 Mexico retail basis during the period. The projects described below account for
16 71% of the total dollar amount of capital additions in this category. The remaining
17 29% of projects are similar in nature in that they are incurred to satisfy customers’
18 requests, to comply with city or state requirements, or to adhere to code guidelines.

- 19 • **Spare Transformer.** \$2,694,331 New Mexico retail. This project is
20 necessary to purchase a spare transformer that will be available if an
21 existing transformer fails.
22

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

- **Overhead Relocations.** \$2,035,768 New Mexico retail. This project consists of costs to relocate, rebuild, or convert existing distribution line facilities.
- **Mesquite Line.** \$843,421 New Mexico retail. This project is necessary to rebuild and upgrade the Mesquite line to improve reliability and capacity in the Carlsbad area of southeast New Mexico.

Q. Please describe the types of projects included in the “Outdoor/Area Lighting” category.

A. The general description of the Outdoor/Area Lighting category provided in the previous subsection of this testimony also applies to the projects included for the period from October 1, 2020 through February 28, 2021 identified as “Outdoor/Area Lighting” on Attachment CSM-3. The total planned investment in this category is \$1,638,421 on a New Mexico retail basis during the period. The projects described below accounts for 77% of the total dollar amount of capital additions in this category. The remaining 3% of projects are similar in nature in that they are used to repair or replace streetlights.

- **LED Conversion.** \$1,425,717 New Mexico retail. This project is necessary to convert streetlights to more reliable, cost-effective LED fixtures in New Mexico.
- **New Mexico Street Light Rebuilds.** \$157,759 New Mexico retail. This project is necessary to replace or rebuild street light facilities in New Mexico.

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 **Q. Are the Distribution capital additions presented in Attachment CSM-3**
2 **consistent with what is expected to be placed in service during the period**
3 **October 1, 2020 through February 28, 2021?**

4 A. Yes. Although the actual cost of any single capital project may vary somewhat
5 from the estimated amount on Attachment CSM-3, it is possible that other projects
6 will emerge or replace those listed. Therefore, Attachment CSM-3 is a reasonable
7 estimate of the total costs of the Distribution capital investment that will be placed
8 in service during the period October 1, 2020 through February 28, 2021.

9 **Q. Are the Distribution capital additions for the period presented in Attachment**
10 **CSM-3 reasonable and necessary?**

11 A. Yes. As discussed in my testimony above, the Distribution capital additions
12 presented in Attachment CSM-3 are reasonable and necessary to provide and
13 maintain distribution facilities needed for SPS's operations and for the safe, secure,
14 and functional operation of these facilities, which is necessary to provide safe and
15 reliable utility service to SPS's customers. The process for developing costs and
16 managing projects discussed above ensures that the expenditures are reasonable and
17 necessary and that the costs were prudently incurred.

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

V. DISTRIBUTION BUSINESS AREA O&M EXPENSES

1 **Q. What types of services and costs are specifically associated with SPS's**
2 **Distribution business area?**

3 **A.** As I explained earlier in my testimony, the Distribution business area is composed
4 of the following functional areas:

- 5 (1) Distribution Business Operations;
- 6 (2) Distribution Electric Engineering;
- 7 (3) Distribution Planning and Performance;
- 8 (4) Vice President Distribution Operations;
- 9 (5) Gas Operations;
- 10 (6) Distribution Scheduling;
- 11 (7) Distribution Control Centers; and
- 12 (8) Distribution Operations.

13 These functional areas focus on reliability, safety, customer service, operational
14 efficiency, and the fiscal oversight necessary to construct, operate, and maintain
15 SPS's electric distribution system in New Mexico and Texas.

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 **Q. One of the functional areas you listed above is Gas Operations. SPS does not**
2 **provide natural gas service, so what types of services does Gas Operations**
3 **provide to SPS?**

4 A. The Gas Operations functional area provides services for both gas and electric
5 utility operations, of which the services for electric utility operations are applicable
6 to SPS's electric distribution service. The services grouped in Gas Operations
7 ensure that SPS's electric distribution facilities are properly recorded in the
8 Geographic Information System and that electric distribution maps are properly
9 maintained. This information is used in maintaining SPS's Distribution and
10 Transmission facilities. The Gas Operations organization also performs electric
11 facility location services for SPS, which ensure that SPS's facilities are properly
12 located during excavation, as required by local governments and other
13 authorities. These functions are required by all utilities, and without them SPS
14 would not be able to provide electric service to its customers. In addition, SPS
15 owns natural gas pipelines that are connected to the Blackhawk generating facility,
16 Nichols generating facility, and Plant X generating facility. Gas Operations also
17 helps to maintain the pipelines and perform safety inspections.

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 **Q. What types of Distribution business area O&M expenses are included in SPS's**
2 **cost of service?**

3 A. SPS's Distribution business area is responsible for planning, siting, designing,
4 constructing, operating, and maintaining distribution assets. Distribution business
5 area O&M expenses include both native SPS costs and affiliate charges. Native
6 SPS costs are those costs incurred directly by SPS associated with the provision of
7 electric service to customers. These costs include labor, materials, and other non-
8 fuel O&M costs. For example, the salaries of SPS employees are native costs.

9 Affiliate charges arise from services provided by Xcel Energy Services Inc.
10 ("XES") to SPS. Those affiliate services are in addition to (i.e., are not duplicative
11 of) the services that SPS employees provide. XES is a centralized service company
12 and the charges for its services are provided "at cost," meaning that XES realizes
13 no profit from those services. Affiliate charges may also include charges to SPS
14 from other Xcel Energy Operating Companies or Xcel Energy affiliates. Similar to
15 the charges from XES, these services are charged to SPS "at cost," and they
16 generally involve emergency services such as storm restoration activities. SPS
17 witness Ross L. Baumgarten provides additional details regarding the methodology
18 of charging affiliate costs to SPS from XES and other affiliated interests.

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 **Q. Do any other SPS witnesses address the Distribution O&M costs?**

2 A. Yes. The Distribution O&M costs include labor, overheads, materials, and
3 supplies. SPS witness Michael T. Knoll provides testimony regarding labor costs,
4 SPS witness Richard R. Schrubbe provides testimony regarding pension and related
5 costs, and Mr. Baumgarten provides testimony regarding the methodology of
6 billings for labor and labor-related overheads.

7 **Q. Please describe the Distribution-related O&M expenses that SPS seeks**
8 **recovery of in base rates.**

9 A. SPS seeks recovery of the Distribution-related O&M expenses recorded to FERC
10 Accounts 580 – 598, which are described in Attachment CSM-4. Attachment
11 CSM-4 also provides the total Test Year Distribution-related O&M expenses
12 broken down by FERC account. My testimony supports these costs as reasonable
13 and representative of the Distribution-related O&M expenses SPS will incur
14 prospectively.

15 **Q. In addition to Distribution business area O&M expense recorded in FERC**
16 **Accounts 580 – 598, do you support any other O&M expense?**

17 A. Yes. I also support costs related to “shut offs” and “turn ons” of electric service
18 and “move-in and move-out” meter readings that are recorded to FERC Account
19 903, which is a Customer Operations account. SPS uses Distribution business area

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 employees to perform “shut offs” and “turn ons” of electric service (also referred
2 to as “credit work”) due to non-payment of bills, and to perform meter readings
3 when customers move in or out of residences. SPS incurs these costs to fulfill the
4 duties set forth in its Commission-approved Rules and Regulations. For example,
5 Rule Tariff 7 addresses disconnection of service, and Rule Tariff 11 addresses
6 change of premises by a customer.

7 **Q. Are the services provided by the Distribution business area that relate to the**
8 **O&M expenses necessary and reasonable for SPS’s operations?**

9 A. Yes. The services provided by SPS distribution employees relate to reliability,
10 safety, customer service, operational efficiency, and the fiscal oversight necessary
11 to construct, operate, and maintain SPS’s electric distribution systems in New
12 Mexico and Texas. Without the incurrence of these costs, SPS would be unable to
13 provide reliable, safe electric service to its customers.

14 **Q. Do SPS’s New Mexico retail customers benefit from the services that are**
15 **provided by the Distribution business area?**

16 A. Yes. The services provided by the Distribution business area benefit SPS’s New
17 Mexico retail customers by supporting the safe and reliable distribution of energy
18 resources from the generators, transmission infrastructure, and ultimately to the
19 customer’s residence, place of business, or point of interconnection.

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 **Q. During the fiscal year, does the Distribution business area monitor its actual**
2 **O&M expenditures versus its O&M budget?**

3 A. Yes. Actual versus budgeted O&M expenditures are monitored on a monthly basis
4 by management employees of the Distribution business area. Variances from the
5 budget amounts are evaluated each month to ensure that the charges were
6 appropriate. When variances above or below the budgeted amount occur, action
7 plans are developed to manage actual costs back to the budget amount. These
8 action plans may either reduce or delay other expenditures so that overall spending
9 complies with the approved budget.

10 **Q. Are employees within the Distribution business area held accountable for**
11 **deviations from the O&M budget?**

12 A. Yes. All management employees in the Distribution business area have specific
13 monthly budget targets to help ensure adherence to the annual budget. When
14 variances from the budget occur, the employee responsible for that budget is
15 required to develop an action plan to address the monthly variances and to stay on
16 or under budget for the year.

Case No. 20-00238-UT
Direct Testimony
of
Casey S. Meeks

1 **Q. Is the Test Year level of O&M costs associated with the Distribution business**
2 **area reasonable and representative of the costs apt to prevail in the future?**

3 A. Yes. The Test Year level of Distribution business area O&M expenses is
4 reasonable and representative of the costs SPS will experience in the future. As I
5 discussed earlier, SPS provides Distribution business area services as efficiently as
6 possible, making all reasonable efforts to manage costs and stay within an O&M
7 budget.

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

9 A. Yes.

BEFORE THE NEW MEXICO PUBLIC REGULATION COMMISSION

IN THE MATTER OF SOUTHWESTERN	)	
PUBLIC SERVICE COMPANY'S	)	
APPLICATION FOR: (1) REVISION OF	)	
ITS RETAIL RATES UNDER ADVICE	)	
NOTICE NO. 292; (2) AUTHORIZATION	)	CASE NO. 20-00238-UT
AND APPROVAL TO ABANDON ITS	)	
PLANT X UNIT 3 GENERATING	)	
STATION; AND (3) OTHER	)	
ASSOCIATED RELIEF,	)	
	)	
SOUTHWESTERN PUBLIC SERVICE	)	
COMPANY,	)	
	)	
APPLICANT.	)	
	)	

VERIFICATION

On this day, December 24, 2020, I, Casey S. Meeks, swear and affirm under penalty of perjury under the law of the State of New Mexico, that my testimony contained in Direct Testimony of Casey S. Meeks is true and correct.

/s/ Casey S. Meeks
CASEY S. MEEKS

Southwestern Public Service Company
Total Company Amounts and Jurisdictional Percentages

Line No.	Witness	Description	Page No.	Line No.	Total Company Amount	Number Scale	Allocator (Name)	TY Allocator (%)	NM Amount
1	Meeks	Distribution Plant Additions October 1, 2019 through February 28, 2021	4	22	\$ 230,449,134	Dollars	(1)	(1)	\$ 118,705,948
2	Meeks	Distribution Plant Additions October 1, 2019 through September 30, 2020	16	18	\$ 142,213,763	Dollars	(1)	(1)	\$ 71,954,130
3	Meeks	Distribution Additions October 1, 2019 through September 30, 2020	17	1	\$ 130,469,854	Dollars	(1)	(1)	\$ 68,423,634
4	Meeks	General Plant Additions October 1, 2019 through September 30, 2020	17	2 & 3	\$ 9,015,359	Dollars	LABXAG	30.06%	\$ 2,710,230
5	Meeks	Intangible Plant Additions October 1, 2019 through September 30, 2020	17	2	\$ 2,728,550	Dollars	LABXAG	30.06%	\$ 820,267
6	Meeks	New Business	19	Table CSM-2	\$ 12,176,517	Dollars	(1)	(1)	\$ 12,176,517
7	Meeks	Distribution Line and Substation Capacity	19	Table CSM-2	\$ 32,459,412	Dollars	(1)	(1)	\$ 32,459,412
8	Meeks	Purchases	19	Table CSM-2	\$ 6,684,851	Dollars	(1)	(1)	\$ 10,215,347
9	Meeks	Distribution Line and Substation Reconstruction	19	Table CSM-2	\$ 14,364,616	Dollars	(1)	(1)	\$ 14,364,616
10	Meeks	Outdoor/Area Lighting	19	Table CSM-2	\$ 2,738,238	Dollars	(1)	(1)	\$ 2,738,238
11	Meeks	Total	19	Table CSM-2	\$ 68,423,634	Dollars	(1)	(1)	\$ 71,954,012
12	Meeks	New Business	20	7	\$ 12,176,517	Dollars	(1)	(1)	\$ 12,176,517
13	Meeks	New Mexico Overhead Extension Blanket	20	11	\$ 5,532,095	Dollars	(1)	(1)	\$ 5,532,095
14	Meeks	CBAD/STRATA RECONDUCTORS/GNOME	20	18	\$ 882,975	Dollars	(1)	(1)	\$ 882,975
15	Meeks	EUNICE/DODGER FIELD/EXT	20	23	\$ 702,656	Dollars	(1)	(1)	\$ 702,656
16	Meeks	Distribution Line and Substation Capacity	21	9	\$ 32,459,412	Dollars	(1)	(1)	\$ 32,459,412
17	Meeks	TAM: Convert South Loving 69kV	21	14	\$ 7,221,150	Dollars	(1)	(1)	\$ 7,221,150
18	Meeks	Reconductor Carlsbad Feeders	21	19	\$ 4,338,356	Dollars	(1)	(1)	\$ 4,338,356
19	Meeks	Artesia Country Club DCP Subs	22	6	\$ 2,267,326	Dollars	(1)	(1)	\$ 2,267,326
20	Meeks	Install Roadrunner Station	22	1	\$ 3,551,158	Dollars	(1)	(1)	\$ 3,551,158
21	Meeks	20180517_PEARL_4D25	22	11	\$ 2,247,063	Dollars	(1)	(1)	\$ 2,247,063
22	Meeks	Install Ponderosa 3 rd Feeder	22	16	\$ 2,073,069	Dollars	(1)	(1)	\$ 2,073,069
23	Meeks	Artesia Country Club TAM Conve.	22	24	\$ 2,068,544	Dollars	(1)	(1)	\$ 2,068,544
24	Meeks	JAL FO/Sage Brush 4520 / RoadRunner	22	29	\$ 2,063,160	Dollars	(1)	(1)	\$ 2,063,160
25	Meeks	Purchases	23	11	\$ 10,215,347	Dollars	(1)	(1)	\$ 10,215,347
26	Meeks	NM Electric Distribution Transformer	23	17	\$ 3,360,469	Dollars	(1)	(1)	\$ 3,360,469
27	Meeks	NM Elec - Easement	24	3	\$ 3,001,171	Dollars	(1)	(1)	\$ 4,001,171
28	Meeks	DIST Fleet New Unit Purchases	24	6 & 7	\$ 3,533,401	Dollars	LABXAG	30.06%	\$ 1,062,224
29	Meeks	Distribution Line and Substation Reconstruction	24	14	\$ 14,364,616	Dollars	(1)	(1)	\$ 14,364,616
30	Meeks	NM - Overhead Rebuild Blanket	24	19	\$ 4,342,465	Dollars	(1)	(1)	\$ 4,342,465
31	Meeks	SPS-NM Convert Obsolete Voltage structure	25	3	\$ 2,413,610	Dollars	(1)	(1)	\$ 2,413,610
32	Meeks	NM - Pole Blanket	25	7	\$ 1,926,456	Dollars	(1)	(1)	\$ 1,926,456
33	Meeks	New Mexico Major Storm Recovery	25	10	\$ 1,891,452	Dollars	(1)	(1)	\$ 1,891,452
34	Meeks	CBAD/LIVING RIDGE 4A055I RECONS	25	13	\$ 1,663,583	Dollars	(1)	(1)	\$ 1,663,583
35	Meeks	NM-LED Street Light Conversion	25	24	\$ 2,346,337	Dollars	(1)	(1)	\$ 2,346,337
36	Meeks	Outdoor/Area Lighting	25	14	\$ 2,738,238	Dollars	(1)	(1)	\$ 2,738,238
37	Meeks	Distribution Plant Additions October 1, 2020 through February 28, 2021	26	13	\$ 88,235,371	Dollars	(1)	(1)	\$ 46,751,789
38	Meeks	Distribution Additions October 1, 2020 through February 28, 2021	26	17	\$ 85,367,535	Dollars	(1)	(1)	\$ 45,889,678
39	Meeks	General Plant Additions October 1, 2020 through February 28, 2021	26	18	\$ 2,867,836	Dollars	LABXAG	30.06%	\$ 862,140
40	Meeks	New Business	28	Table CSM-4	\$ 10,782,531	Dollars	(1)	(1)	\$ 10,782,531
41	Meeks	Distribution Line and Substation Capacity	28	Table CSM-4	\$ 23,732,970	Dollars	(1)	(1)	\$ 23,732,970
42	Meeks	Purchases	28	Table CSM-4	\$ 2,248,579	Dollars	(1)	(1)	\$ 3,110,719
43	Meeks	Distribution Line and Substation Reconstruction	28	Table CSM-4	\$ 7,487,176	Dollars	(1)	(1)	\$ 7,487,176
44	Meeks	Outdoor/Area Lighting	28	Table CSM-4	\$ 1,638,421	Dollars	(1)	(1)	\$ 1,638,421
45	Meeks	Total	28	Table CSM-4	\$ 45,889,678	Dollars	(1)	(1)	\$ 46,751,789
46	Meeks	New Business	29	5	\$ 10,782,531	Dollars	(1)	(1)	\$ 10,782,531
47	Meeks	Sage Brush/Pearl Project	29	10	\$ 2,065,073	Dollars	(1)	(1)	\$ 2,065,073
48	Meeks	NM OH Extension and Services	29	15	\$ 1,969,977	Dollars	(1)	(1)	\$ 1,969,977

Southwestern Public Service Company
Total Company Amounts and Jurisdictional Percentages

Line No.	Witness	Description	Page No.	Line No.	Total Company Amount	Number Scale	Allocator (Name)	TY Allocator (%)	NM Amount
49	Meeks	Sagebrush Service Extension	29	19	\$ 1,375,926	Dollars	(1)	(1)	\$ 1,375,926
50	Meeks	Distribution Line and Substation Capacity	30	7	\$ 23,732,970	Dollars	(1)	(1)	\$ 23,732,970
51	Meeks	Malaga Substation and Feeders	30	14	\$ 12,020,814	Dollars	(1)	(1)	\$ 12,020,814
52	Meeks	Medranos Substation and Feeders	30	18	\$ 6,811,588	Dollars	(1)	(1)	\$ 6,811,588
53	Meeks	Sisko Substation and Feeders	31	1	\$ 2,056,542	Dollars	(1)	(1)	\$ 2,056,542
54	Meeks	Purchases	31	9	\$ 3,110,718	Dollars	(1)	(1)	\$ 3,110,718
55	Meeks	New Mexico Transformer Purchases	31	16	\$ 1,278,386	Dollars	(1)	(1)	\$ 1,278,386
56	Meeks	New Mexico Easements	32	1	\$ 582,897	Dollars	(1)	(1)	\$ 582,897
57	Meeks	Distribution Fleet Purchases	31	21	\$ 1,204,462	Dollars	LABXAG	30.06%	\$ 362,090
58	Meeks	New Mexico Meters	32	5	\$ 165,391	Dollars	(1)	(1)	\$ 165,391
59	Meeks	Distribution Line and Substation Reconstruction	32	14	\$ 7,487,176	Dollars	(1)	(1)	\$ 7,487,176
60	Meeks	Spare Transformer	32	19	\$ 2,694,331	Dollars	(1)	(1)	\$ 2,694,331
61	Meeks	Overhead Relocations	33	1	\$ 2,035,768	Dollars	(1)	(1)	\$ 2,035,768
62	Meeks	Mesquite Line	33	5	\$ 843,421	Dollars	(1)	(1)	\$ 843,421
63	Meeks	Outdoor/Area Lighting	33	15	\$ 1,638,421	Dollars	(1)	(1)	\$ 1,638,421
64	Meeks	LED Conversion	33	19	\$ 1,425,717	Dollars	(1)	(1)	\$ 1,425,717
65	Meeks	New Mexico Street Light Rebuilds	33	23	\$ 157,759	Dollars	(1)	(1)	\$ 157,759

(1) Distribution Assets direct assigned according to location. General and Intangible Plant allocated using LABXAG (30.06%).

Southwestern Public Service Company

Distribution Capital Additions to Plant-in-Service: October 1, 2019 through September 30, 2020

(A)	(B)	(C)	(D)	(E)	(F)	(G)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	Additions to Plant-in-Service (October 1, 2019 - September 30, 2020) Total Company NM Retail
1	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0010017.007	TX - Pole Blanket	\$ 15,873,786 \$ -
2	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0010017.001	TX - OH Rebuild Blanket	7,827,194 -
3	Electric Distribution	Meeks	Purchases	D.0005014.009	TX Electric Distribution Transforme	7,683,797 -
4	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0005522.261	TAM: Convert South Loving 69KV	7,221,150
5	Electric Distribution	Meeks	New Business	A.0010002.001	NM - OH Extension Blanket	5,532,085
6	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0010138.002	Install Western Street Sub	5,461,885
7	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0010181.001	NM - OH Rebuild Blanket	4,342,465
8	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0010092.013	Reconductor Carlsbad Feeders	4,338,356
9	Electric Distribution	Meeks	Outdoor/Area Lighting	A.0005507.089	SPS - TX LED Street Lighting C	4,042,307
10	Electric Distribution	Meeks	New Business	A.0010001.001	TX - OH Extension Blanket	3,594,637
11	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0000424.238	Install Roadrunner Substation	3,551,158
12	Electric Distribution	Meeks	Purchases	D.0005014.011	NM Electric Distribution Transforme	3,360,469
13	Electric Distribution	Meeks	Purchases	A.0005517.013	NM-Elec-Easement	3,001,171
14	Electric Distribution	Meeks	New Business	A.0010001.002	TX - UG Extension Blanket	2,763,798
15	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005508.147	SPS-NM Convert Obsolete Vllg	2,413,610
16	Electric Distribution	Meeks	Outdoor/Area Lighting	A.0005507.090	NM - LED Street Light Conversi	2,346,337
17	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0000126.016	Artesia Country Club DCP Subs	2,267,376
18	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0010092.008	20180517_PEARL_4D25	2,247,063
19	Electric Distribution	Meeks	Purchases	D.0005014.028	TX-Electric Meter Blanket	2,073,187
20	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0010092.006	Install Ponderosa 3rd Fdr	2,073,069
21	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0005522.272	Artesia Country Club TAM Conve	2,068,544
22	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0010092.009	JAL EO/Sage Brush 4520 / RoadRunner	2,063,160
23	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0010018.007	NM - Pole Blanket	1,926,459
24	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005584.002	NEW MEXICO MAJOR STORM RECOVERY	1,891,452
25	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0010092.007	JAL/Serrano RP Site / 10Mi Recon	1,755,518
26	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0010076.006	CBAD/LIVING RIDGE 4A0551 RECONS	1,663,583
27	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005521.004	Tx N-Dist Substation Equip Rep	1,445,225
28	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0001024.004	Install Hillside #2 115/13.2KV - Fd	1,404,829
29	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0010009.001	TX - OH Relocation Blanket	1,370,835
30	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005521.085	Feeder breaker degradation - S	1,199,842
31	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0001408.002	Purchase Land @ Sisko	1,103,944
32	Electric Distribution	Meeks	New Business	A.0010001.004	TX - UG New Services Blanket	997,659
33	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0000424.241	Install roadrunner Fdr2	970,836
34	Electric Distribution	Meeks	New Business	A.0010076.003	CBAD/STRATA RECONDUCTORS/GNOME	882,975
35	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0010124.004	Replace Navajo #3 Transformer 115/4	870,974
36	Electric Distribution	Meeks	New Business	A.0010076.002	XTO Chistena PME Reconductor	784,344
37	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0001408.004	FDRS Sisko	776,350
38	Electric Distribution	Meeks	New Business	A.0010002.003	NM - OH New Services Blanket	770,954
39	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0000424.240	Install roadrunner Fdr1	749,430
40	Electric Distribution	Meeks	New Business	A.0010002.002	NM - UG Extension Blanket	730,907
41	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005583.001	TEXAS MAJOR STORM RECOVERY	715,396
42	Electric Distribution	Meeks	New Business	A.0010076.007	EUNICE/DODGER FIELD/EXT	702,656
43	Electric Distribution	Meeks	New Business	A.0010002.004	NM - UG New Services Blanket	701,981
44	Electric Distribution	Meeks	New Business	A.0010092.014	Hobbs/Snyder #1 Fenway Reconduct	683,295
45	Electric Distribution	Meeks	New Business	A.0010092.010	JAL/SAGEBRUSH 4515/BELL LAKE NORTH	659,993
46	Electric Distribution	Meeks	New Business	A.0010092.020	HOBBBS/BATX 3470/ RCDN 556 - PIPELI	617,114
47	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0010034.001	NM - OH Reinforcement Blanket	604,320

Southwestern Public Service Company

Distribution Capital Additions to Plant-in-Service: October 1, 2019 through September 30, 2020

(A)	(B)	(C)	(D)	(E)	(F)	(G)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	Additions to Plant-in-Service (October 1, 2019 - September 30, 2020) Total Company NM Retail
48	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0010017.002	TX - UG Conversion/Rebuild Blanket	572,584
49	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005521.152	Plant X Distribution Relay Equ	557,999
50	Electric Distribution	Meeks	New Business	A.0010076.004	CBAD/STRATA CONVERSION/GNOME P2	557,040
51	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0010123.006	Replace Plainview South XFMR	551,106
52	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005508.153	SPS-TX Convert Obsolete Vltg D	530,265
53	Electric Distribution	Meeks	New Business	A.0010001.003	TX - OH New Services Blanket	472,835
54	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0010123.002	Repl Failed Kite Transfmr 69/13.2	450,180
55	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0010067.003	PLV/24TH,QUINCY-COLUMBIA/24TH ST RE	429,723
56	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0010092.003	Install Loving South T2 Feeders	393,546
57	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0010010.001	NM - OH Relocation Blanket	330,221
58	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0010017.003	TX - OH Services Renewal Blanket	329,936
59	Electric Distribution	Meeks	Purchases	D.0005014.030	NM-Electric Meter Blanket	301,915
60	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0010138.003	Install Western Street Feeders	283,731
61	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0010123.005	Purc 28mva mobile XFER Delta Star	282,530
62	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0010033.001	TX - OH Reinforcement Blanket	269,707
63	Electric Distribution	Meeks	Outdoor/Area Lighting	A.0010018.005	NM - OH Street Light Rebuild Blanke	261,434
64	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005521.200	NM - Subs Equipment Replace	255,287
65	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0010018.003	NM - OH Services Renewal Blanket	234,237
66	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0010018.004	NM - UG Services Renewal Blanket	186,601
67	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0010123.009	TX Sub Breaker TAM	144,931
68	Electric Distribution	Meeks	Outdoor/Area Lighting	A.0010017.006	TX - UG Street Light Rebuild Blanket	140,602
69	Electric Distribution	Meeks	Outdoor/Area Lighting	A.0010017.005	TX - OH Street Light Rebuild Blanket	134,028
70	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0010018.002	NM - UG Conversion/Rebuild Blanket	127,719
71	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0005522.218	Convert Livingston Ridge #1 69	109,617
72	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0000424.246	Install Medanos Substation LAND	109,201
73	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0010033.002	TX - UG Reinforcement Blanket	102,354
74	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005583.005	TX Mixed Work Adjustment	97,680
75	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0010025.002	TX ? FPIP/REMS Blanket	92,469
76	Electric Distribution	Meeks	Outdoor/Area Lighting	A.0010018.006	NM - UG Street Light Rebuild Blanke	84,834
77	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0000424.279	Purchase land for new Lynch Sub	70,772
78	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0000126.015	Artesia Country Club TAM Conve	68,003
79	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0001214.008	Purchase land for New Malaga Sub	65,164
80	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005522.006	Replace Existing Substation Breaker	62,632
81	Electric Distribution	Meeks	Outdoor/Area Lighting	A.0010002.005	NM - OH New Street Light Blanket	54,115
82	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0010010.002	NM - UG Relocation Blanket	52,521
83	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0005522.259	Convert Centre Street Replace	47,466
84	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0005522.130	Convert Soncy to 115/13.2kV 50	47,443
85	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0010017.004	TX - UG Services Renewal Blanket	43,691
86	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005584.003	NEW MEXICO POLE INSPECTIONS	40,296
87	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0000424.260	Install Medanos Fdr-3	37,432
88	Electric Distribution	Meeks	Purchases	A.0005517.015	TxN-Elec Easement	34,294
89	Electric Distribution	Meeks	New Business	A.0006062.010	Distribution CIAC TX Elec	29,267
90	Electric Distribution	Meeks	Purchases	A.0005583.003	SPS-TX CAPITALIZED ELECTRIC LOCATES	28,440
91	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0000549.005	Inst CobumCk 115/13.2 kv 14MV	26,032
92	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0010123.003	Order new system spare replace spar	25,582
93	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005521.087	ELR - Substation Regulators -	24,045
94	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0000646.015	Build Lipscomb Substation /s	21,981

Southwestern Public Service Company

Distribution Capital Additions to Plant-in-Service: October 1, 2019 through September 30, 2020

(A)	(B)	(C)	(D)	(E)	(F)	(G)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	Additions to Plant-in-Service (October 1, 2019 - September 30, 2020) Total Company NM Retail
95	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0001163.004	Install Hunsley Substation - Land	21,648
96	Electric Distribution	Meeks	Purchases	A.0005584.004	SPS-NM CAPITALIZED ELECTRIC LOCATES	21,295
97	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0005522.233	Convert Springlake - 115/12.5k	18,427
98	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0010009.002	TX - UG Relocation Blanket	17,436
99	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0010124.006	Loving South Retirement	13,040
100	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0001024.006	Order new system spare Hillside T2	9,415
101	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0005522.370	Install 115/12.47kV 14MVA substation	8,708
102	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0010034.002	NM - UG Reinforcement Blanket	6,851
103	Electric Distribution	Meeks	Purchases	A.0005517.017	Txs-Elec Easement	4,724
104	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0010138.001	Land purchase for Western St Sub	4,317
105	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0001024.003	Install Hillside #2 115/13.2kV	4,202
106	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005521.086	ELR - Substation Relays - SPS	3,620
107	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005508.007	NMOH Rebuilds-NM	2,982
108	Electric Distribution	Meeks	Outdoor/Area Lighting	A.0005506.008	NMOH Street Lights-NM	2,685
109	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0005517.025	Substation Land - TX	1,871
110	Electric Distribution	Meeks	New Business	A.0005505.007	NMUG Services-NM	1,774
111	Electric Distribution	Meeks	Outdoor/Area Lighting	A.0005506.009	TXOH Street Lights-TX	954
112	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0005502.258	Install Sage Brush #1 Feeders	774
113	Electric Distribution	Meeks	New Business	A.0005500.023	Tx Blink-Overhead Extensions	604
114	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0010123.007	Replace 14mva Cedar Lake XFER	320
115	Electric Distribution	Meeks	New Business	A.0005504.008	TXOH Services-TX	190
116	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0010124.003	Retire Wherry Substation	123
117	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005521.194	Replace Failed 16MVA Westingho	101
118	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005584.001	Convert 4kV Load out of RIAC East a	83
119	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0005522.258	Install New 34.5kV Source book	51
120	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005583.002	TEXAS POLE INSPECTIONS	51
121	Electric Distribution	Meeks	New Business	A.0005505.009	Txn-(0025) Ug Services	23
122	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0001022.003	Purchase Land @ Whitedeer Sub	8
123	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0005521.021	Convert Livingston Ridge #1 69 to 1	4
124	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0000866.032	Convert Bailey Co. Pump 69/12.	0
125	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005521.154	Purchase 115/25kV 50 MVA rsv	(2)
126	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0005502.261	Convert Soncy T1 69 to 115/13.	(24)

Southwestern Public Service Company

Distribution Capital Additions to Plant-in-Service: October 1, 2019 through September 30, 2020

(A)	(B)	(C)	(D)	(E)	(F)	(G)
Line No.	Asset Class	Witness	Project Category	WBS Level 2	Project Description (WBS Level 2 Description)	Additions to Plant-in-Service (October 1, 2019 - September 30, 2020) Total Company NM Retail
127	Electric Distribution	Meeks	Outdoor/Area Lighting	A.0005506.022	Txn - Oh Street Light	(46)
128	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005510.021	Txn Blanket-Oh Relocations	(84)
129	Electric Distribution	Meeks	Outdoor/Area Lighting	A.0005507.047	Nm Blanket-Ug Street Lights	(95)
130	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005508.033	0022 Cap. Blanket - New Mexico	(147)
131	Electric Distribution	Meeks	New Business	A.0005500.025	NM Blanket-Oh Extension	(151)
132	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0005522.015	Outpost Substation 115-13.2kV 28MVA	(201)
133	Electric Distribution	Meeks	Outdoor/Area Lighting	A.0010002.006	NM - UG New Street Light Blanket	(289)
134	Electric Distribution	Meeks	Outdoor/Area Lighting	A.0005506.023	Txs Blanket- Oh Street Lights	(1,614)
135	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0005522.184	Conv Market St to 115/12.5kV 2	(1,928)
136	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005508.101	Inspect/Replace Poles, Texas	(3,121)
137	Electric Distribution	Meeks	Outdoor/Area Lighting	A.0010001.005	TX - OH New Street Light Blanket	(3,653)
138	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005509.035	Tx Blanket-Ug Converse/Rebuilds	(4,755)
139	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005510.060	NM Pole Transfers	(6,021)
140	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005508.032	Txs-(022) Oh Rebuilds	(6,485)
141	Electric Distribution	Meeks	New Business	A.0005505.008	TXUG Services-TX	(7,425)
142	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005508.031	Txn-(022) Oh Rebuilds	(8,142)
143	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0005522.183	Conv Porales So to 115/4.2kV	(10,303)
144	Electric Distribution	Meeks	Outdoor/Area Lighting	A.0005506.024	NM Blanket-Oh Street Lights	(10,783)
145	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005521.182	Convert Centre Street - Remove	(25,662)
146	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	A.0005584.006	NM Mixed Work Adjustment	(30,461)
147	Electric Distribution	Meeks	Distribution Line and Substation Capacity	A.0005522.211	Convert Curry Co. Interchange	(201,742)
148	Electric Distribution	Meeks	Outdoor/Area Lighting	A.0010001.006	TX - UG New Street Light Blanket	(205,808)
149	Electric Distribution	Meeks	New Business	A.0006062.011	Distribution CIAC NM Elec	(448,452)
150	Electric Distribution Total				\$ 130,469,854 \$	68,423,634
151	Electric General	Meeks	Purchases	A.0006056.213	TX-DIST Fleet New Unit Purchases	3,533,401 \$
152	Electric General	Meeks	Purchases	A.0006059.006	TX-DIST Electric Tools and Equip	2,219,717 \$
153	Electric General	Meeks	Purchases	A.0006056.214	NM-DIST Fleet New Unit Purchase El	1,407,908 \$
154	Electric General	Meeks	Purchases	A.0006059.007	NM-DIST Electric Tools and Equip	879,281 \$
155	Electric General	Meeks	Purchases	A.0010138.004	Install Western Street Subs Comm	283,824 \$
156	Electric General	Meeks	Purchases	A.0010100.004	Convert South Loving COMM	199,511 \$
157	Electric General	Meeks	Purchases	A.0005549.009	SPS-Dist Sub Communication Equ	130,684 \$
158	Electric General	Meeks	Purchases	A.0006059.016	TX-Dist Subs Tools and Equip	107,113 \$
159	Electric General	Meeks	Purchases	A.0000126.011	Comm Equip @ Artesia Country Club	102,049 \$
160	Electric General	Meeks	Purchases	A.0000424.239	Install Roadrunner Sub Comm	67,167 \$
161	Electric General	Meeks	Purchases	A.0006056.245	SPS - NM E Dist Fleet Transp Tools	50,224 \$
162	Electric General	Meeks	Purchases	A.0005549.010	NM-Dist Sub Communication Equi	26,784 \$
163	Electric General	Meeks	Purchases	A.0000126.023	Artesia Country Club Furniture	4,572 \$
164	Electric General	Meeks	Purchases	A.0005014.049	SPS-Subs Furniture Blanket	3,043 \$
165	Electric General	Meeks	Purchases	A.0001024.005	Hillside T2 Install 115/13.2kV-COMM	81 \$
166	Electric General Total				\$ 9,015,359 \$	2,710,230
167	Electric Intangible	Meeks	Purchases	A.0005516.002	SPS Landworks - Convert docs to dig	2,728,550 \$
168	Electric Intangible Total				\$ 2,728,550 \$	820,267
169	Grand Total				\$ 142,213,763 \$	71,954,130

Southwestern Public Service Company

Distribution Capital Additions to Plant-in-Service: October 1, 2020 through February 28, 2021

(A)		(B)	(C)	(D)	(E)	(F)
Line No.	Asset Class	Witness	Project Category	Project Description	Additions to Plant-in Service (October 1, 2020 - February 28, 2021) Total Company	Additions to Plant-in Service (October 1, 2020 - February 28, 2021) NM Retail
1	Electric Distribution	Meeks	Distribution Line and Substation Capacity	Install New Malaga Substation and Feeders: This project is to install a new substation transformer and associated feeders to serve general oil and gas load in the Malaga area.	12,020,814	\$ 12,020,814
2	Electric Distribution	Meeks	Distribution Line and Substation Capacity	Install New Medianos Substation and Feeders: This project is to install a new substation transformer and associated feeders to serve general oil and gas load in SENM.	6,811,588	\$ 6,811,588
3	Electric Distribution	Meeks	Distribution Line and Substation Capacity	Install New Hunsley Substation and Feeders: This project is to install a new substation transformer and associated feeders to serve general load growth in the Hereford Area.	6,203,429	\$ -
4	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	TX Pole Replacement and Reinforcement: This project is to replace and reinforce existing poles.	5,061,296	\$ -
5	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	TX OH Relocations, Rebuilds and Conversions: This project is to relocate, rebuild or convert existing distribution line facilities.	4,068,576	\$ -
6	Electric Distribution	Meeks	Purchases	TX Transformer Purchase: This project is for distribution transformer purchases.	3,858,984	\$ -
7	Electric Distribution	Meeks	Distribution Line and Substation Capacity	Install New Whitedeer Substation and Feeders: This project is to install a new substation transformer and associated feeders to relieve Kingsmill Substation and serve new oil and gas load.	3,834,462	\$ -
8	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	Rebuilding Lawrence Park Substation: This project is to rebuild the aging Lawrence park Substation	3,360,000	\$ -
9	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	Purchase spare transformer to be used in the event of a transformer failure.	2,694,331	\$ 2,694,331
10	Electric Distribution	Meeks	New Business	Extend service to serve new load in the Sage Brush/Pearl area	2,065,073	\$ 2,065,073
11	Electric Distribution	Meeks	Distribution Line and Substation Capacity	Install New Sisko Substation and Feeders: This project is to install a new substation transformer and associated feeders to serve oil patch growth in the Carlsbad Area	2,056,542	\$ 2,056,542
12	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	NM OH Relocations, Rebuilds and Conversions: This project consists of costs to relocate, rebuild or convert existing distribution line facilities.	2,035,768	\$ 2,035,768
13	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	Purchase spare transformer to be used in the event of a transformer failure.	2,021,941	\$ -
14	Electric Distribution	Meeks	Distribution Line and Substation Capacity	Install Ponderosa 3rd Fdr: this project is install a new Ponderosa feeder to serve multiple new oil patch loads.	1,979,991	\$ 1,979,991
15	Electric Distribution	Meeks	New Business	NM OH Extension and Services: This project is to extend new OH distribution lines and services to serve new load.	1,969,977	\$ 1,969,977
16	Electric Distribution	Meeks	Outdoor/Area Lighting	TX LED- Project used to convert street lights to LED lights in TX	1,818,392	\$ -
17	Electric Distribution	Meeks	New Business	TX OH Extension and Services: This project is to extend new OH distribution lines and services to serve new load.	1,534,875	\$ -
18	Electric Distribution	Meeks	Distribution Line and Substation Capacity	Install New Centerport Substation and Feeders: This project is to install a new substation transformer and associated feeders to serve load growth in the Amarillo area and provide back up capacity for switching.	1,515,000	\$ -
19	Electric Distribution	Meeks	Outdoor/Area Lighting	NM LED- Project used to convert street lights to LED lights in NM	1,425,717	\$ 1,425,717
20	Electric Distribution	Meeks	New Business	Extend service west of Sagebrush to feed multiple new customer requests	1,375,926	\$ 1,375,926
21	Electric Distribution	Meeks	Purchases	NM Transformer Purchase: This project is for distribution transformer purchases.	1,287,386	\$ 1,287,386
22	Electric Distribution	Meeks	New Business	TX UG Extension and Services: This project is to extend new UG distribution lines and services in order to serve new load.	1,142,822	\$ -
23	Electric Distribution	Meeks	New Business	Extend Ponderosa feeder to serve 4 new customers	995,000	\$ 995,000
24	Electric Distribution	Meeks	New Business	Extend service to serve New Salt Creek Midstream PME	900,399	\$ 900,399
25	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	Rebuild and convert Mesquite line to improve reliability and capacity	843,421	\$ 843,421
26	Electric Distribution	Meeks	Purchases	TX Meter Purchase: This project is for the purchase of new electric meters.	802,714	\$ -
27	Electric Distribution	Meeks	New Business	Extend service to feed new oil field load	742,169	\$ 742,169
28	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	NM Pole Replacement and Reinforcement: This project is to replace and reinforce existing poles.	722,240	\$ 722,240
29	Electric Distribution	Meeks	New Business	Reconductor and extend new service to feed new customer request	616,929	\$ 616,929
30	Electric Distribution	Meeks	New Business	Reconductor and UG extension to feed PHASE 1 of the OASIS Subdivision	614,208	\$ 614,208
31	Electric Distribution	Meeks	Purchases	NM Easement This project contains costs for securing easement and permitting in support of capital projects.	582,897	\$ 582,897

Southwestern Public Service Company

Distribution Capital Additions to Plant-in-Service: October 1, 2020 through February 28, 2021

(A)		(B)	(C)	(D)	(E)	(F)
Line No.	Asset Class	Witness	Project Category	Project Description	Additions to Plant-in-Service (October 1, 2020 - February 28, 2021) Total Company	Additions to Plant-in-Service (October 1, 2020 - February 28, 2021) NM Retail
32	Electric Distribution	Meeks	New Business	Extend service to serve new Cimarex Energy Load	570,011 \$	570,011 \$
33	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	Retire existing substation assets	538,857 \$	-
34	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	SPS Storm Recovery Project - TX: This project is for costs associated with SPS's Storm response.	511,205 \$	-
35	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	TX Substation Asset Replacement: This blanket project involves the replacement of Substation equipment and the money properly spent on those assets that can be capitalized.	510,458 \$	-
36	Electric Distribution	Meeks	Outdoor/Area Lighting	TX UG Street Light: This project is to install new UG street lights.	503,450 \$	-
37	Electric Distribution	Meeks	New Business	Reconductor to serve new Solaris Midstream load	470,142 \$	470,142 \$
38	Electric Distribution	Meeks	New Business	NM UG Extension and Services: This project is to extend new UG distribution lines and services in order to serve new load.	405,697 \$	405,697 \$
39	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	TX Line Working Capital fund to fund emergent asset health work	392,000 \$	-
40	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	NM Line Working Capital fund to fund emergent asset health work	392,000 \$	392,000 \$
41	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	Replace end of life transformer to continue serving load from Lariat Substation	387,354 \$	-
42	Electric Distribution	Meeks	Outdoor/Area Lighting	TX ST LT Rebuilds: This project is to replace or rebuild street light facilities	335,710 \$	-
43	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	Substation Breaker Replacement: Replace existing substation relay equipment that has reached end of life.	313,761 \$	-
44	Electric Distribution	Meeks	New Business	Extend service to feed new load for BTA OIL PRODUCERS VACA DRAW	260,000 \$	260,000 \$
45	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	NM OH Line Rebuild and Obsolete Voltage Conversion: Rebuild and Convert OH lines to address reliability issues with aged infrastructure and obsolete voltage equipment	256,653 \$	256,653 \$
46	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	TX UG Relocations, Rebuilds and Conversions: This project is to relocate, rebuild or convert existing distribution line facilities.	251,391 \$	-
47	Electric Distribution	Meeks	Distribution Line and Substation Capacity	NM OH Reinforcements: This project is to reinforce or reconductor existing distribution lines to serve new or existing customers.	238,813 \$	238,813 \$
48	Electric Distribution	Meeks	New Business	Extend service to serve new oil field battery load	222,000 \$	222,000 \$
49	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	NM Substation Asset Replacement: This blanket project involves the replacement of Substation equipment and the money properly spent on those assets that can be capitalized.	196,677 \$	196,677 \$
50	Electric Distribution	Meeks	Purchases	NM ROW: This project contains costs for securing ROW and permitting in support of capital projects.	189,000 \$	189,000 \$
51	Electric Distribution	Meeks	Distribution Line and Substation Capacity	Install New Four Way Substation and Feeders: This project is to install a new substation transformer and associated feeders to serve new oil field loads in the Dumas Area.	181,552 \$	-
52	Electric Distribution	Meeks	Purchases	NM Meter Purchase: This project consists of costs for the purchase of new electric meters.	165,391 \$	165,391 \$
53	Electric Distribution	Meeks	Outdoor/Area Lighting	NM ST LT Rebuilds: This project is to replace or rebuild street light facilities	157,759 \$	157,759 \$
54	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	NM UG Relocations, Rebuilds and Conversions: This project is to relocate, rebuild or convert existing distribution line facilities.	154,025 \$	154,025 \$
55	Electric Distribution	Meeks	Distribution Line and Substation Capacity	TX OH Reinforcements: This project is to reinforce or reconductor existing distribution lines to serve new or existing customers.	148,589 \$	-
56	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	TX OH Line Rebuild and Obsolete Voltage Conversion: Rebuild and Convert OH lines to address reliability issues with aged infrastructure and obsolete voltage equipment	141,291 \$	-
57	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	TX FP/PP/REMS: Feeder Performance Improvement program and REMS to monitor and improve reliability of worst performing feeders.	135,071 \$	-
58	Electric Distribution	Meeks	Distribution Line and Substation Capacity	Install Loving South T2 and Feeders: This project is to install a second transformer and feeders at Loving South Substation to serve new load growth in the area.	123,002 \$	123,002 \$
59	Electric Distribution	Meeks	Distribution Line and Substation Capacity	NM Line Working Capital fund to fund emergent work	117,437 \$	117,437 \$
60	Electric Distribution	Meeks	Distribution Line and Substation Capacity	Install conductor to complete loop, increase line integrity and reliability	114,036 \$	114,036 \$
61	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	SPS Storm Recovery Project - NM: This project is for costs associated with SPS's Storm response.	99,810 \$	99,810 \$
62	Electric Distribution	Meeks	Distribution Line and Substation Capacity	NM Substation Working Capital fund to fund emergent work	82,574 \$	82,574 \$
63	Electric Distribution	Meeks	Distribution Line and Substation Capacity	Install New Ponderosa Substation and feeders: This project is to install a new substation transformer and associated feeders to serve new oil patch growth.	76,863 \$	76,863 \$

Southwestern Public Service Company

Distribution Capital Additions to Plant-in-Service: October 1, 2020 through February 28, 2021

(A)		(B)	(C)	(D)	(E)	(F)
Line No.	Asset Class	Witness	Project Category	Project Description	Additions to Plant-in Service (October 1, 2020 - February 28, 2021) Total Company	Additions to Plant-in Service (October 1, 2020 - February 28, 2021) NM Retail
64	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	Convert Plainview City substation to 115kv by building new Kiser Substation	65,504 \$	-
65	Electric Distribution	Meeks	Distribution Line and Substation Capacity	Install Millen #2: This project is to install a second transformer at Millen substation to relieve overloads of existing transformers due to load growth in the Hobbs area.	59,481 \$	59,481
66	Electric Distribution	Meeks	Distribution Line and Substation Capacity	Install New Caveman Substation and Feeders: This project is to install a new substation transformer and associated feeders to serve load growth and oil field growth in the Carlsbad area	50,000 \$	50,000
67	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	NM FPIP/REMS: Feeder Performance Improvement program and REMS to monitor and improve reliability of worst performing feeders.	48,069 \$	48,069
68	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	Substation Relay Replacement: Replace existing substation relay equipment that has reached end of life.	46,974 \$	-
69	Electric Distribution	Meeks	Distribution Line and Substation Capacity	TX UG Reinforcements: This project is to reinforce or reconductor existing distribution lines to serve new or existing customers.	46,591 \$	-
70	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	SPS NM Targeted OH Rebuild: Project to proactively rebuild aging OH lines in NM	43,054 \$	43,054
71	Electric Distribution	Meeks	Distribution Line and Substation Capacity	TX Substation Working Capital fund to fund emergent work	41,287 \$	-
72	Electric Distribution	Meeks	Distribution Line and Substation Capacity	TX Line Working Capital fund to fund emergent work	41,184 \$	-
73	Electric Distribution	Meeks	Purchases	SPS SCRAP: Project used to sell scrap equipment	31,898 \$	-
74	Electric Distribution	Meeks	Purchases	TX Locates: This project contains costs for underground facility locates.	29,711 \$	-
75	Electric Distribution	Meeks	Distribution Line and Substation Capacity	Substation Land - Texas: This project is for the purchase of Land and ROW for new substations.	29,264 \$	-
76	Electric Distribution	Meeks	Outdoor/Area Lighting	NM OH Street Light: This project is to install new OH street lights.	28,416 \$	28,416
77	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	SPS TX Targeted OH Rebuild: Project to proactively rebuild aging OH lines in TX	27,802 \$	-
78	Electric Distribution	Meeks	Purchases	TX ROW: This project contains costs for securing ROW and permitting in support of capital projects.	27,000 \$	-
79	Electric Distribution	Meeks	Outdoor/Area Lighting	NM UG Street Light: This project is to install new UG street lights.	26,530 \$	26,530
80	Electric Distribution	Meeks	Distribution Line and Substation Capacity	Substation Land - New Mexico: This project is for the purchase of Land and ROW for new substations.	25,842 \$	25,842
81	Electric Distribution	Meeks	Purchases	NM Locates: This project contains costs for underground facility locates.	23,906 \$	23,906
82	Electric Distribution	Meeks	New Business	SPS CIAC in Support Reconstruction Work: This project consists of payments due to facility damage.	16,357 \$	-
83	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	Convert Booker Substation: This project includes costs to install a new substation and associated feeders to convert Booker Substation from 69kV to 115kV.	14,220 \$	-
84	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	Substation Regulator Replacement: Replace existing substation regulators that have reached end of life.	5,376 \$	-
85	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	Capital spend adjustment to account for mischarges to O&M	2,281 \$	-
86	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	Retire existing substation assets at TMC substation	1,126 \$	1,126
87	Electric Distribution	Meeks	Distribution Line and Substation Capacity	NM UG Reinforcements: This project is to reinforce or reconductor existing distribution lines to serve new or existing customers.	1,019 \$	1,019
88	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	Replace end of life transformer to continue serving load at Dalhart Substation	947 \$	-
89	Electric Distribution	Meeks	Distribution Line and Substation Capacity	Environmental Work SPS - NM: Project to improve power factor on NM feeders	901 \$	901
90	Electric Distribution	Meeks	Distribution Line and Substation Reconstruction	Substation Fence Improvements: Replace or install substation fences to mitigate public safety and reliability impacts.	658 \$	-
91	Electric Distribution	Meeks	Outdoor/Area Lighting	TX OH Street Light: This project is to install new OH street lights.	573 \$	-
92	Electric Distribution	Meeks	Distribution Line and Substation Capacity	Environmental Work SPS - TX: Project to improve power factor on TX feeders	268 \$	-
93	Electric Distribution	Meeks	Distribution Line and Substation Capacity	Install New Sage Brush Substation and Feeders: This project is to install a new substation transformer and associated feeders to serve oil patch growth.	78 \$	78
94	Electric Distribution	Meeks	New Business	Reconductor to serve Ring Energy Load	0 \$	-
95	Electric Distribution	Meeks	New Business	Extend service to serve new Cypress SWD load	(0) \$	(0)
96	Electric Distribution	Meeks	Distribution Line and Substation Capacity	Convert Portales South Substation: Convert Portales South Substation from 69kV to 115kV	(3) \$	(3)

Southwestern Public Service Company

Distribution Capital Additions to Plant-in-Service: October 1, 2020 through February 28, 2021

(A)		(B)	(C)	(D)	(E)		(F)
Line No.	Asset Class	Witness	Project Category	Project Description	Additions to Plant-in-Service (October 1, 2020 - February 28, 2021) Total Company	(G) \$	Additions to Plant-in-Service (October 1, 2020 - February 28, 2021) NM Retail
97	Electric Distribution	Meeks	Distribution Line and Substation Capacity	Convert Littlefield West Substation: Convert Littlefield West Substation from 69kV to 115kV			-
98	Electric Distribution	Meeks	Distribution Line and Substation Capacity	Reconductor OH line to provide capacity to transfer load between Tweedy and Sierra Substation		(26,007) \$	(26,007)
99	Electric Distribution	Meeks	New Business	NM CIAC in Support Reconstruction or customer-driven work: This project consists of customer payments for work performed.		(425,000) \$	(425,000)
100	Electric Distribution	Meeks	New Business	TX CIAC in Support Reconstruction or customer-driven work: This project consists of customer payments for work performed.		(523,211) \$	-
101 Electric Distribution Total					\$	85,367,535	\$ 45,889,678
102	Electric General	Meeks	Purchases	TX Fleet: This project is to purchase fleet vehicles and equipment in support of distribution work.		1,204,462 \$	362,090
103	Electric General	Meeks	Purchases	Substation Communication Equipment for new Hunsley Substation		470,278 \$	141,377
104	Electric General	Meeks	Purchases	TX Tools and Equipment: This project provides the funds to purchase tools and equipment necessary to support distribution work.		268,944 \$	80,851
105	Electric General	Meeks	Purchases	Substation Communication Equipment for new Whitedeer Substation		164,153 \$	49,348
106	Electric General	Meeks	Purchases	Substation Communication Equipment for new Malaga Substation		163,670 \$	49,203
107	Electric General	Meeks	Purchases	Substation Communication Equipment for new Sisko Substation		149,454 \$	44,930
108	Electric General	Meeks	Purchases	Substation Communication Equipment for new Medanos Substation		145,007 \$	43,593
109	Electric General	Meeks	Purchases	NM Fleet: This project is to purchase fleet vehicles and equipment in support of distribution work.		91,770 \$	27,588
110	Electric General	Meeks	Purchases	NM Tools and Equipment: This project provides the funds to purchase tools and equipment necessary to support distribution work.		78,972 \$	23,741
111	Electric General	Meeks	Purchases	TX-Dist Line Communication Equipment: This project includes all of the communication assets installed or replaced on distribution lines in Texas.		73,896 \$	22,215
112	Electric General	Meeks	Purchases	NM-Dist Line Communication Equipment: This project includes all of the communication assets installed or replaced on distribution lines in New Mexico.		44,420 \$	13,354
113	Electric General	Meeks	Purchases	NM Sub Furniture: Project used to purchase furniture needed at NM substations		12,064 \$	3,627
114	Electric General	Meeks	Purchases	SPS-Dist Sub Communication Equipment: This project includes all of the communication assets installed or replaced in distribution substations in Texas.		723 \$	217
115	Electric General	Meeks	Purchases	NM-Dist Sub Communication Equipment: This project includes all of the communication assets installed or replaced in distribution substations in New Mexico.		20 \$	6
116	Electric General	Meeks	Purchases	TX-Dist Sub Communication Equipment: This project includes all of the communication assets installed or replaced in distribution substations in Texas.		3 \$	1
117 Electric General Total					\$	2,867,836	\$ 862,139
118 Grand Total					\$	88,235,371	\$ 46,751,818

Southwestern Public Service Company

Total Company SPS Operation and Maintenance Expenses

Line No.	FERC Acct	Account Description	SPS Total Company O&M Expense - Adjusted Test Year Period		SPS NM Retail O&M Expense - Adjusted Test Year Period	
Production						
1	500.0	Operation Supervision and Engineering	\$	3,479,339	\$	1,069,106
2	501.35	Coal Non-Mine; Non-Freight		33,361,562		10,947,567
3	507.7	Coal Ash Sales		94,518		31,016
4	502	Steam Expenses		11,359,090		3,490,340
5	505	Electric Expenses		9,335,877		2,868,661
6	506	Miscellaneous Steam Power Expenses		12,953,786		3,980,347
7	507	Rents		4,521,223		1,389,249
8	509	Steam Operation SO2 Allowance Expense		-		-
9	510	Maintenance Supervision and Engineering		579,638		178,107
10	511	Maintenance of Structures		4,283,276		1,316,134
11	512	Maintenance of Boiler Plant		17,168,511		5,633,832
12	513	Maintenance of Electric Plant		8,443,902		2,770,859
13	514	Maintenance of Miscellaneous Steam Plant		10,046,276		3,086,948
14	546	Operation Supervision and Engineering		479,948		150,570
15	548	Generation Expenses		283,222		87,026
16	549	Misc Other Power Generation Expenses		9,109,828		2,976,817
17	550	Rents		5,889,382		1,920,702
18	551	Maintenance Supervision and Engineering		468,558		143,975
19	552	Maintenance of Structures		316,098		97,128
20	553	Maintenance of Generating and Electric Equipment		5,987,285		1,931,581
21	554	Maintenance of Misc Other Power Generation Plant		4,144,122		1,359,070
22	556	System Control and Load Dispatching		1,209,269		371,576
23	557	Purchased Power Other		1,319,343		441,717
24	Total Production O&M Expense		\$	144,834,052	\$	46,242,328

Southwestern Public Service Company

Total Company SPS Operation and Maintenance Expenses

Line No.	FERC Acct	Account Description	SPS Total Company O&M Expense - Adjusted Test Year Period	SPS NM Retail O&M Expense - Adjusted Test Year Period
Transmission				
25	560	Operation Supervision and Engineering	\$ 8,429,849	\$ 2,093,757
26	561.1	Load Dispatch - Reliability	(170,029)	(41,221)
27	561.2	Load Dispatch - Monitor and Operate Trans. System	3,401,279	824,590
28	561.4	Scheduling, System Control and Dispatching Services	4,702,582	1,271,258
29	561.5	Reliability, Planning and Standards Development	35,018	8,490
30	561.6	Transmission Service Studies	34,917	8,465
31	561.7	Generation Interconnection Studies	23,849	5,782
32	561.8	Reliability Planning and Standards Development Services	3,221,212	963,289
33	562	Station Expenses	1,548,254	384,546
34	563	Overhead Line Expenses	442,401	109,881
35	564	Underground Line Expenses	-	-
36	565	Transmission of Elec By Others	288,806	70,017
37	565	Wheeling Meter Charges	391,050	-
38	565	Wheeling Miscellaneous	35,240	8,543
39	565	Wheeling Schedule 11	106,286,672	37,146,779
40	565	Wheeling Schedule 11 - Wholesale	31,231,118	-
41	565	Wheeling Schedule 12	2,224,452	777,437
42	565	Wheeling Schedule 12 - Wholesale	538,968	-
43	565	Wheeling Schedule 1 - Wholesale	504,926	-
44	565	Wheeling Schedule 2	69,152	24,168
45	565	Wheeling Schedule 2 - Wholesale	20,132	-
46	565	Wheeling Schedule 9	8,201,216	2,866,293
47	565	Wheeling Schedule 9 - Wholesale	25,866,440	-
48	565	Z2 Direct Assigned Upgrade Charge	249,444	86,962
49	565	Z2 Direct Assigned Upgrade Charge - Wholesale	17,766	-
50	566	Misc Transmission Expenses	3,241,880	805,199
51	567	Rents	2,146,864	533,226
52	568	Maintenance Supervision and Engineering	-	-
53	570	Maintenance of Station Equipment	1,345,024	334,069
54	571	Maintenance of Overhead Lines	902,988	224,279
55	Sub-Total Total Transmission O&M Expenses		\$ 205,231,470	\$ 48,505,810
Regional Market Expenses				
57	575	Operation Supervision	\$ 160,378	\$ 52,628
58	575	Day-Ahead and Real-Time Market Administration	312,292	102,478
59	575	Ancillary Services Market Administration	14,773	4,848
60	575	Market Monitoring and Compliance	27,675	9,081
61	575	Market Admin, Monitoring, and Compliance Services	8,158,155	2,204,755
62	575	Regional Market Rents	49,736	16,321
63	Total Regional Market Expenses		\$ 8,723,009	\$ 2,390,111
64	Total Transmission O&M Expenses		\$ 213,954,479	\$ 50,895,922

Southwestern Public Service Company

Total Company SPS Operation and Maintenance Expenses

Line No.	FERC Acct	Account Description	SPS Total Company O&M Expense - Adjusted Test Year Period	SPS NM Retail O&M Expense - Adjusted Test Year Period
65	Distribution			
66	580	Operation Supervision and Engineering	\$ 4,083,691	\$ 1,471,703
67	581	Load Dispatching	326,676	124,027
68	582	Station Expenses	1,008,922	383,050
69	583	Overhead Line Expenses	896,658	857,599
70	584	Underground Line Expenses	663,984	236,792
71	585	Street Lighting and Signal Systems Expenses	607,411	230,611
72	586	Meter Expenses	2,242,784	1,005,727
73	587	Customer Installations Expenses	629,268	238,910
74	588	Misc Distribution Expense	9,998,513	2,968,634
75	589	Rents	3,139,096	1,079,187
76	590	Maintenance Supervision and Engineering	28,574	10,849
77	591	Maintenance of Structures	(71)	3
78	592	Maintenance of Station Equipment	668,741	253,896
79	593	Maintenance of Overhead Lines	6,337,535	2,566,736
80	594	Maintenance of Underground Lines	101,569	15,682
81	595	Maintenance of Line Transformers	-	-
82	596	Maintenance of Street Lighting and Signal Systems	282,248	147,745
83	597	Maintenance of Meters	24,865	9,440
84	598	Maintenance of Misc Distribution Plant	17,891	12
85	Total Distribution O&M Expenses		\$ 31,058,354	\$ 11,600,604
86	Customer Accounts			
87	901	Supervision	\$ 28,774	\$ 8,994
88	902	Meter Reading Expenses	4,920,322	1,537,920
89	903	Customer Records and Collection Expenses	7,705,766	2,408,552
90	904	Uncollectible Expenses	5,497,465	1,718,345
91	904	Uncollectible Expenses Misc	324,063	101,293
92	905	Customer Acct - Misc	136,841	42,772
93	DEPINT	Customer Deposit Interest Expense	126,563	15,689
94	Total Customer Accounts Expense		\$ 18,739,793	\$ 5,833,564
95	Customer Service			
96	908.00	Customer Asst Expense	\$ 2,342,346	\$ 732,135
97	908.00	Historical EE Amortization	-	-
98	908.04	SaversSwitch	667,409	-
99	909.00	Informational and Instructional Advertising Expense	292,042	91,284
100	910.00	Miscellaneous Customer Service Expense	98,844	30,896
101	Total Customer Service Expense		\$ 3,400,642	\$ 854,315

Southwestern Public Service Company

Total Company SPS Operation and Maintenance Expenses

Line No.	FERC Acct	Account Description	SPS Total Company O&M Expense - Adjusted Test Year Period	SPS NM Retail O&M Expense - Adjusted Test Year Period
102	Sales			
103	912.00	Demonstration and Selling Expense-Economic Development	\$ 284,818	\$ 89,024
104	916.00	Misc Sales Expense	8,598	2,687
105	Total Sales Expense		\$ 293,415	\$ 91,711
106	Administrative and General Expenses			
107	920	Administrative and General Salaries	\$ 33,814,014	\$ 10,165,291
108	921	Office Supplies and Expenses	19,848,518	5,966,933
109	922	Administrative Expenses Transferred-Credit	(22,762,323)	(6,842,892)
110	923	Outside Services Employed	6,190,128	1,860,899
111	924	Property Insurance	3,738,738	1,133,506
112	925	Injuries and Damages	7,941,830	2,387,502
113	926.00	Employee Pensions and Benefits	29,060,743	8,736,346
114	926.30	Deferred Pension Expense	1,132,943	-
115	928.00	Regulatory Commission Expense	40	12
116	928.00	Regulatory Commission Expense -TX	1,195,043	-
117	928.01	Regulatory Commission Expense - NM	5,372,336	5,372,336
118	928.02	Regulatory Commission Expense - Wholesale	1,949,917	-
119	928.04	Regulatory Commission Expense - Misc	(83,949)	(29,799)
120	929.00	Duplicate Charges-Credit	(1,162,226)	(348,553)
121	930.20	Misc General Expenses	1,280,946	384,157
122	931	A&G Rents	14,067,307	4,418,551
123	935	Maintenance of General Plant	47,251	14,214
124		Recoverable Contributions, Dues, and Donations	264,190	264,190
125	Total Administrative and General Expenses		\$ 101,895,444	\$ 33,482,692
126	Total Operations and Maintenance Expense		\$ 514,176,179	\$ 149,001,136

Distribution-Related FERC O&M Accounts

FERC Account	FERC Account Title	Description of Costs Included in FERC Account
580	Operation Supervision and Engineering	Cost of labor and expense incurred in the general supervision and direction of the operation of the distribution system.
581	Load Dispatching	Cost of labor, materials used, and expenses incurred in load dispatching operations pertaining to the distribution of electricity.
582	Station Expenses	Cost of labor, materials used, and expenses incurred in the operation of distribution substations.
583	Overhead Line Expenses	Cost of labor, materials used, and expenses incurred in the operation of overhead distribution lines.
584	Underground Line Expenses	Cost of labor, materials used, and expenses incurred in the operation of underground distribution lines.
585	Street Lighting and Signal Systems Expenses	Cost of labor, materials used, and expenses incurred in the operation of street lighting and signal system plant.
586	Meter Expenses	Cost of labor, materials used, and expenses incurred in the operation of customer meters and associated equipment.
587	Customer Installation Expenses	Cost of labor, materials used, and expenses incurred in work on customer installations in inspecting premises and in rendering services to customers.
588	Misc. Distribution Expense	Cost of labor, materials used and expenses incurred in distribution system operation not provided for elsewhere.

FERC Account	FERC Account Title	Description of Costs Included in FERC Account
589	Rents	Rents of property of others used, occupied, or operated in connection with the distribution system, including payments to the United States and others for the use and occupancy of public lands and reservations for distribution line rights of way.
590	Maintenance Supervision and Engineering	Cost of labor and expenses incurred in the general supervision and direction of maintenance of the distribution system.
591	Maintenance of Structures	Cost of labor, materials used, and expenses incurred in maintenance of structures, the book cost of which is includible in FERC Account 361, Structures and Improvements.
592	Maintenance of Station Equipment	Cost of labor, materials used, and expenses incurred in maintenance of plant, the book cost of which is includible in FERC Account 362, Station Equipment, and FERC Account 363, Storage Battery Equipment.
593	Maintenance of Overhead Lines	Cost of labor, materials used, and expenses incurred in maintenance of overhead distribution facilities, the book cost of which is includible in FERC Account 364, Poles, Towers and Fixtures, FERC Account 365, Overhead Conductors and Devices, and FERC Account 369, Services.
594	Maintenance of Underground Lines	Cost of labor, materials used, and expenses incurred in maintenance of underground distribution line facilities, the book cost of which is includible in FERC Account 366, Underground Conduit, FERC Account 367, Underground Conductors and Devices, and FERC Account 369, Services.

FERC Account	FERC Account Title	Description of Costs Included in FERC Account
595	Maintenance of Line Transformers	Cost of labor, materials used, and expenses incurred in maintenance of distribution line transformers, the book cost of which is includible in FERC Account 3686, Line Transformers.
596	Maintenance of Street Lighting and Signal Systems	Cost of labor, materials used, and expenses incurred in maintenance of plant, the book cost of which is includible in FERC Account 373, Street Lighting and Signal Systems.
597	Maintenance of Meters	Cost of labor, materials used, and expenses incurred in maintenance of meters and meter testing equipment, the book cost of which is includible in FERC Account 370, Meters, and FERC Account 395, Laboratory Equipment.
598	Maintenance of Misc. Distribution Plant	Cost of labor, materials used, and expenses incurred in maintenance of plant, the book cost of which is includible in FERC Account 371, Installations on Customers' Premises, FERC Account 372, Leased Property on Customers' Premises, and any other plant the maintenances of which is assignable to the distribution function and not provided for elsewhere.