

**BEFORE THE NEW MEXICO PUBLIC REGULATION COMMISSION**

**IN THE MATTER OF SOUTHWESTERN )  
PUBLIC SERVICE COMPANY’S )  
ANNUAL 2024 RENEWABLE ENERGY )  
PORTFOLIO PROCUREMENT PLAN )  
AND REQUESTED APPROVALS )  
THEREIN; PROPOSED 2024 )  
RENEWABLE PORTFOLIO STANDARD )  
COST RIDER; TERMINATION OF THE ) CASE NO. 23-00 \_\_\_-UT  
RECONCILIATION RIDER; AND )  
OTHER ASSOCIATED RELIEF, )  
)  
)  
SOUTHWESTERN PUBLIC SERVICE )  
COMPANY, )  
)  
APPLICANT. )**

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**DIRECT TESTIMONY**

*of*

**ZOË E. LEES**

*on behalf of*

**SOUTHWESTERN PUBLIC SERVICE COMPANY**

**June 30, 2023**

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## **GLOSSARY OF ACRONYMS AND DEFINED TERMS**

<b><u>Acronym/Defined Term</u></b>	<b><u>Meaning</u></b>
2022 RPS Report	SPS’s 2022 Annual Renewable Energy Portfolio Report
2024 RPS Rider	SPS’s proposed 2024 Renewable Portfolio Standard Cost Rider
Caprock	Caprock Wind LP
Chaves	Chaves County Solar, LLC
Commission	New Mexico Public Regulation Commission
DG	Distributed Generation
FPPCAC	fuel and purchased power cost adjustment clause
NARUC	National Association of Regulatory Utility Commissioners
Mammoth	Mammoth Plains Wind Project Holdings, LLC
MWh	megawatt-hour
Next Plan Year	SPS’s Filing for Plan Year 2025
Palo Duro	Palo Duro Wind Energy, LLC
Plan Year	SPS’s Filing for Plan Year 2024
PPA	Power Purchase Agreement
QF	Qualifying Facility
RCT	Reasonable Cost Threshold
REA	Renewable Energy Act (NMSA 1978, §§ 62-16-1 to 62-16-10) (2019)

<b><u>Acronym/Defined Term</u></b>	<b><u>Meaning</u></b>
REC	Renewable Energy Certificate
Roswell	Roswell Solar, LLC
RPS	Renewable Portfolio Standard
RPS Plan or 2024 RPS Plan	SPS's RPS Plan for 2024 Plan Year and 2025 Next Plan Year
Rule 572	Renewable Energy Rule (17.9.572 NMAC)
San Juan	San Juan Mesa Wind Project, LLC
SPS	Southwestern Public Service Company, a New Mexico corporation
SunE	SunEdison, LLC
WREGIS	Western Renewable Energy Generation Information System



## **LIST OF ATTACHMENTS**

<b><u>Attachment</u></b>	<b><u>Description</u></b>
ZEL-1	RPS Rule 572 and NMSA 62-16-4(G) and 62-16-5 “Road Map” <i>(Filename: ZEL-1.doc)</i>
ZEL-2	SPS’s Annual Renewable Energy Portfolio Report for 2022 <i>(Filename: ZEL-2.doc and ZEL-2.xlsx)</i>
ZEL-3	SPS’s 2023 Filing of the Annual Renewable Energy Act Plan for 2024 Plan Year and 2025 Next Plan Year <i>(Filename: ZEL-3.doc and ZEL-3.xlsx)</i>
ZEL-4	List of SPS’s Annual RPS filings approved by the Commission <i>(Filename: ZEL-4.doc)</i>
ZEL-5	Workpapers and Native Files <i>(Folder Name: ZEL-5)</i>

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of  
Zoe E. Lees

1           **I. WITNESS IDENTIFICATION AND QUALIFICATIONS**

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

3   A. My name is Zoë E Lees. My business address is 119 E. Marcy St. Suite 202, Santa  
4       Fe, New Mexico 87501.

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”) and wholly-owned electric utility subsidiary of Xcel  
8       Energy Inc<sup>1</sup>.

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

10  A. I am employed by SPS as Regional Vice President, Regulatory Policy.

11  **Q. Please briefly outline your responsibilities as Regional Vice President,  
12       Regulatory Policy.**

13  A. I am responsible for providing strategic leadership for regulatory strategy related to  
14       SPS’s plan filings, policy, and resource transition proceedings in coordination with

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<sup>1</sup> Xcel Energy is the parent company of four utility operating companies: Northern States Power Company, a Minnesota corporation (“NSPM”); Northern States Power Company, a Wisconsin corporation (“NSPW”); Public Service Company of Colorado, a Colorado corporation (“PSCo”); and SPS (collectively, “Operating Companies”). Xcel Energy’s natural gas pipeline company is WestGas InterState, Inc. Through a subsidiary, Xcel Energy Transmission Holding Company, LLC, Xcel Energy also owns three transmission- only operating companies: Xcel Energy Southwest Transmission Company, LLC; Xcel Energy Transmission Development Company, LLC; and Xcel Energy West Transmission Company, LLC, all of which are regulated by the Federal Energy Regulatory Commission (“FERC”).

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1 the Regional Vice President, Regulatory and Pricing. I manage and oversee  
2 regulatory staff assigned to planning, policy, and resource transition proceedings  
3 and direct the development of all such regulatory case filings in coordination with  
4 subject matter experts and legal counsel. I am also responsible for directing the  
5 preparation of company participation in New Mexico Public Regulation  
6 Commission (“Commission”) rulemakings.

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

8 A. I hold a Juris Doctorate from the University of New Mexico School of Law and a  
9 Bachelor of Arts from Wheaton College, Massachusetts.

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

11 A. I have worked for Xcel Energy since 2019. I started with Xcel Energy in March  
12 2019 as a Principal Attorney representing SPS at the Commission in regulatory  
13 proceedings and in rulemakings. Beginning in March 2023, I started my current  
14 position with SPS as Regional Vice President, Regulatory Policy.

15 Prior to working at Xcel Energy, I practiced law with the Modrall Sperling  
16 Law Firm in New Mexico from 2013 to 2019. My practice included legal work in  
17 the areas of utility regulation, natural resources law, and litigation.

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1 **Q. Have you attended or taken any special courses or seminars relating to public**  
2 **utilities?**

3 A. Yes, I attended “The Basics: Practical Regulatory Training for the Electric and  
4 Natural Gas Industries” offered by the Center for Public Utilities at New Mexico  
5 State University; and the “2019 Utility Rate School” offered by the National  
6 Association of Regulatory Utility Commissioners (“NARUC”). I have also  
7 attended various conferences and Continuing Legal Education seminars on  
8 regulatory and utility regulation topics.

9 **Q. Have you testified or filed testimony before any regulatory authorities?**

10 A. Yes. I have filed testimony in Case No. 23-00071-UT.

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1 **II. PURPOSE AND SUMMARY OF TESTIMONY AND RECOMMENDATIONS**

2 **Q. What is the purpose of your testimony in this proceeding?**

3 A. My testimony:

- 4 • provides an overview of SPS’s Renewable Portfolio Standard (“RPS”) requirements under 62-16-1 *et. sec.*, Renewable Energy Act, (NMSA 1978, 5 §§ 62-16-1 to 62-16-10) (2019)) (“REA”) and 17.9.572 NMAC (Renewable 6 Energy Rule) (“Rule 572”) as it applies to the REA and of SPS’s filing for 7 the 2024 Plan Year (“Plan Year”), in compliance with Rule 572.14, as well 8 as the 2025 Next Plan Year (“Next Plan Year”) (the filing is referred to 9 herein as the “RPS Plan” or “2024 RPS Plan”); 10
- 11 • acknowledges the concurrent filing of SPS’s 2022 Annual Renewable 12 Energy Portfolio Report (“2022 RPS Report”) in accordance with Rule 13 572.19;
- 14 • presents SPS’s RPS Plan, which includes SPS’s plan for the Plan Year, 15 including the information and analysis required by Rule 572 and the REA 16 and, for informational purposes, and similar information for the Next Plan 17 Year;
- 18 • presents the basis for SPS’s Plan Year and Next Plan Year projected costs 19 and SPS’s request to recover the Plan Year costs, including reconciliation 20 of the 2022 RPS Cost Rider, through SPS’s proposed 2024 Renewable 21 Portfolio Standard Cost Rider (“2024 RPS Rider”);
- 22 • supports, along with SPS witness Jeffrey L. Comer, termination of the RPS 23 Reconciliation Rider;
- 24 • addresses SPS’s compliance with prior Commission orders;
- 25 • explains SPS’s decision to not request an incentive in this filing; and
- 26 • presents SPS’s requested approvals in this proceeding.

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1 **Q. Please summarize SPS's RPS compliance status for the Plan Year and the Next**  
2 **Plan Year.**

3 A. As discussed in detail by SPS witness Christopher J. Whiteside, SPS has sufficient  
4 renewable resources to meet its obligations for the Plan Year and Next Plan Year.  
5 Accordingly, in this proceeding, SPS is not seeking approval of additional  
6 resources.

7 **Q. Please summarize the conclusions in your testimony.**

8 A. SPS's Plan and Report are compliant with the REA and Rule 572. SPS's RPS Plan  
9 is (i) consistent with the goals and intent of the REA and Rule 572 and (ii) in the  
10 public interest. Moreover, the majority of projected costs that Mr. Comer includes  
11 in the revenue requirement calculation were deemed reasonable and approved by  
12 the Commission. Accordingly, the RPS Plan and the 2024 RPS Rider should be  
13 approved. In addition, for the reasons discussed in detail in Mr. Comer's direct  
14 testimony, it is reasonable to terminate the Reconciliation Rider.

15 **Q. Please identify the other SPS witnesses in this case and briefly describe the**  
16 **areas covered in their respective testimonies.**

17 A. SPS is presenting the following witnesses:

- 18 • **Christopher J. Whiteside:** provides SPS's projected RPS compliance  
19 position for each of the years 2024 through 2033 and demonstrates that

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1 based on SPS's current projections, SPS can meet the minimum RPS  
2 requirements for the Plan Year and Next Plan Year. In addition, Mr.  
3 Whiteside co-sponsors Plan Sections II(A), II(B), II(E), II(H), and III.

4 • **Jeffrey L. Comer:** presents the 2024 RPS Rider revenue requirement and  
5 resulting rate and SPS's proposal to terminate the RPS Reconciliation  
6 Rider. Mr. Comer also presents SPS's 2024 Solar\*Connect premium,  
7 consistent with the final order in Case No. 18-00308-UT. Additionally, Mr.  
8 Comer co-sponsors Appendices E and F to the 2022 RPS Report included  
9 in my Attachment ZEL-2; he also co-sponsors Section II(C) and  
10 Appendices B and C to the 2024 RPS Plan, included in my Attachment  
11 ZEL-3.

12 **Q. Were Attachments ZEL-1 through ZEL-5 prepared by you or at your request**  
13 **or under your direct supervision and control?**

14 A. Yes.

1                   **III.    OVERVIEW OF THE REA AND RULE 572**

2   **Q.    Please describe the renewable energy requirements under the REA.**

3   A.    The REA establishes the following minimum renewable energy requirements, as a  
4           percentage of New Mexico retail sales, for SPS and other investor-owned utilities  
5           in New Mexico: (i) 20% no later January 1, 2020; (ii) 40% no later than January 1,  
6           2025; (iii) 50% no later than January 1, 2030; and (iv) 80% no later than January 1,  
7           2040. In addition, no later than January 1, 2045, zero carbon resources shall supply  
8           100% of all retail sales of electricity in New Mexico.<sup>2</sup>

9   **Q.    Does the REA consider the impact of the RPS requirements on utilities and**  
10       **their ability to plan and meet the requirements?**

11   A.    Yes. The REA recognizes that meeting these increased requirements will not come  
12           without challenges. In recognition of these challenges, the REA provides several  
13           important provisions. The REA clearly recognizes both the importance of taking  
14           advantage of market opportunities and the step-change nature of capacity additions,  
15           by providing mandates that are minimums and that can be met “no later than” set  
16           dates. Moreover, utilities are encouraged to exceed the minimum requirements and  
17           meet standards before the statutory deadlines.

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<sup>2</sup> NMSA 1978 § 62-16-4(A).



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1 **Q. Does the REA provide any additional guidance to the Commission regarding**  
2 **administration of the REA?**

3 A. Yes. When balancing the public interest, the Commission must also consider the  
4 customer interest. Renewable resource acquisitions under the REA must: (i)  
5 maintain and protect the safety, reliable operation, and balancing of loads and  
6 resources on the electric system; and (ii) prevent unreasonable impacts to customer  
7 electricity bills, while taking into consideration the economic and environmental  
8 costs and benefits of renewable energy resources and zero carbon resources.<sup>3</sup>

9 **Q. Specifically, what cost limitations does the REA include regarding a utility's**  
10 **proposed acquisition of renewable resources to meet the RPS?**

11 A. The REA provides a Reasonable Cost Threshold (“RCT”) whereby, if a public  
12 utility finds that if in any given year the cost of renewable energy that would need  
13 to be procured or generated for purposes of compliance with the RPS would be  
14 greater than the RCT, the public utility is not required to incur that cost.<sup>4</sup> In effect,  
15 the RCT is a benchmark that balances the: (i) interests of customers to be protected

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<sup>3</sup> See *id.* § 62-16-4(B)(2) and (3).

<sup>4</sup> See *id.* § 62-16-4(E).

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1 from undue cost increases caused by the RPS; against (ii) potential benefits of the  
2 renewable resources.

3 **Q. How is the RCT defined?**

4 A. Under the REA, the RCT is defined as the average annual levelized cost of \$60 per  
5 megawatt-hour (“MWh”) at the point of interconnection of the renewable energy  
6 resource with the transmission system, adjusted for inflation after 2020.

7 **Q. Does the RPS Plan demonstrate SPS’s ability to meet the minimum  
8 requirement of 20% of New Mexico retail sales in the Plan Year and 40% of  
9 New Mexico retail sales in the Next Plan Year?**

10 A. Yes. The RPS Plan demonstrates that SPS will continue to meet the minimum RPS  
11 requirement of 20% of New Mexico retail sales in the Plan Year and 40% of New  
12 Mexico retail sales in the Next Plan Year, as required by the REA.

13 **Q. Does the RPS Plan comply with the requirements of Rule 572.14?**

14 A. Yes, SPS’s RPS Plan complies with Rule 572.14, which articulates the components  
15 that are required of an annual renewable energy act plan. As it relates to the specific  
16 data and analysis requirements of Rule 572 and Sections 62-16-4(G) and 62-16-5  
17 NMSA, please refer to Attachment ZEL-1, which: (1) provides an outline of the  
18 Rule 572 requirements (including Rule 572.14) and the requirements contained in

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1 Sections 62-16-4(G) and 62-16-5 NMSA; and (2) identifies where in the 2024 RPS  
2 Plan the requirements are addressed.

3 Finally, SPS has served all parties required by Rule 572.14(D) and posted a  
4 copy of the filing on its website as required by Rule 572.14(D) at:

5 [https://www.xcelenergy.com/company/rates\\_and\\_regulations/filings/new\\_mexico](https://www.xcelenergy.com/company/rates_and_regulations/filings/new_mexico_renewable_portfolio_standard)  
6 [renewable\\_portfolio\\_standard.](https://www.xcelenergy.com/company/rates_and_regulations/filings/new_mexico_renewable_portfolio_standard)

7 **Q. Did SPS comply with all requirements for its RPS Report, as set forth in Rule**  
8 **572?**

9 A. Yes. SPS has concurrently filed its 2022 RPS Report. For ease of reference, I have  
10 provided a copy as Attachment ZEL-2.

11 **Q. Please explain the prior period adjustment contained in SPS's RPS Report.**

12 A. As shown on Attachment ZEL-2, Appendix A, line 27, there is a prior period  
13 adjustment that reduces SPS's Renewable Energy Certificate ("REC") balance by  
14 5,134 RECs. SPS discovered a discrepancy when performing a routine  
15 reconciliation of SPS's REC inventory this past year. To ensure that SPS's RPS  
16 Report accurately reflects the number of RECs that SPS has in its bank, SPS is  
17 presenting this adjustment in this case. This adjustment does not affect SPS's

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1 ability to comply with the RPS and as shown on Attachment ZEL-2, Appendix A,  
2 line 27, SPS continues to hold a bank of excess RECs.

3 **Q. Has SPS added any additional information in its 2022 RPS Report?**

4 A. Yes. SPS is providing information reflecting its RPS compliance both in total and  
5 by customer class. This information is being provided at the request of customers  
6 so that they may better understand how SPS is complying with the REA and Rule  
7 572, and how that compliance translates to the energy portfolio SPS relies on to  
8 support their electric usage.

9 **Q. Is SPS requesting any new procurements for the Plan Year or the Next Plan**  
10 **Year in this filing?**

11 A. No. At this time, SPS is not requesting to procure additional renewable generation  
12 in this Plan Year or the Next Plan Year; therefore, Rule 572.13, 572.14.C (2), (7),  
13 (8), (9), (11), and (12) are not applicable to this plan.

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1 **Q. Is additional information potentially required by the REA?**

2 A. Yes. Section 62-16-4(G) requires certain information to be filed by a utility as part  
3 of a procurement plan pertaining to the procurement and generation of renewable  
4 energy since the last report and plan. Since SPS is not proposing any new  
5 procurements, we are not including information required by Section 62-16-4(G)(1)  
6 and (3), which state requirements regarding proposed procurements. I address  
7 Section G(2) later in my testimony and Section III of SPS's RPS Plan (Attachment  
8 ZEL3) addresses Section G(2) as well. Section (G)(4) is addressed in Section II.H  
9 of SPS's RPS Plan (Attachment ZEL-3).

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1 **IV. SPS'S RPS PLAN**

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

3 A. In accordance with Rule 572.14, I present SPS's 2024 RPS Plan, which is co-  
4 sponsored by Mr. Whiteside and Mr. Comer. The RPS Plan is provided as  
5 Attachment ZEL-3.

6 **Q. Please describe SPS's RPS Plan.**

7 A. Consistent with Rule 572, SPS's RPS Plan contains the following: (1) a description  
8 and schedule demonstrating that SPS has sufficient renewable resources to satisfy  
9 its overall RPS requirement for the Plan Year and sufficient renewable resources  
10 and banked RECs to satisfy its overall RPS requirement for the Next Plan Year; (2)  
11 a description of Plan Year and Next Plan Year procurements; (3) a summary of  
12 Plan Year and Next Plan Year procurement costs; (4) a description of SPS's  
13 proposed mechanism for cost recovery of its 2024 renewable energy and other RPS-  
14 related costs; (5) information required for nonrenewable generation resources; (6)  
15 a comparison of the RPS Plan to the Integrated Resource Plan; and (7) any  
16 additional topics required by the Rule as detailed in the RPS Plan. Mr. Whiteside  
17 and Mr. Comer co-sponsor portions of the RPS Plan.

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1 **Q. Is the RPS Plan in the public interest?**

2 A. Yes. SPS's RPS Plan balances New Mexico's goals for renewable energy  
3 development, not only as a whole, but also through the use of diverse renewable  
4 generation sources. As I testified earlier, SPS's RPS Plan is reasonable, in the  
5 public interest, and should be adopted.

6 A. **Plan Year (2024)**

7 **Q. Please describe the compliance requirements for the Plan Year.**

8 A. In the Plan Year, SPS projects its overall RPS requirement to be 2,201,220 MWh  
9 (*see* Attachment ZEL-3, Appendix A, page 1, line 5). This calculation was  
10 performed, and supplied to me, by Mr. Whiteside (*see* Attachment CJW-1, line 5).

11 **Q. What renewable resources does SPS already have approval for, and expect to  
12 use, to meet its Plan Year RPS requirements?**

13 A. In the Plan Year, SPS will continue to purchase both energy and RECs from the  
14 Caprock Wind LP ("Caprock") and San Juan Mesa Wind Project, LLC ("San Juan")  
15 wind facilities.<sup>5</sup> SPS will also continue to purchase energy and RECs through the  
16 SunEdison, LLC ("SunE") Power Purchase Agreements ("PPA") and its

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<sup>5</sup> SPS also expects to receive additional wind RECs from the Mesalands Qualifying Facility ("QF"); nevertheless, because Mesalands is a QF and does not have a long-term contract with SPS, Mesalands is not included in any forecast for wind RECs in this case.

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1 Distributed Generation (“DG”) programs. As approved in Case No. 20-00143-UT,<sup>6</sup>  
2 as of January 1, 2022, SPS began purchasing the New Mexico retail allocation of  
3 the RECs associated with the following renewable energy PPAs: (i) Roswell Solar,  
4 LLC (“Roswell”); (ii) Chaves County Solar, LLC (“Chaves”); (iii) Mammoth  
5 Plains Wind Project Holdings, LLC (“Mammoth”); (iv) Palo Duro Wind Energy,  
6 LLC (“Palo Duro”); and, also approved in Case No. 20-00143-UT, as of January 1,  
7 2024, SPS will begin purchasing the New Mexico retail allocation of the RECs  
8 from the Bonita Wind Energy, LLC (“Bonita”) PPAs (Wildcat and Lorenzo  
9 facilities). In addition, consistent with the Commission’s Final Order in Case No.  
10 18-00201-UT, SPS will apply the New Mexico energy allocation of the Sagamore  
11 and Hale wind facilities’ RECs to its overall RPS compliance obligations.<sup>7</sup>

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<sup>6</sup> See Case No. 20-00143-UT, *In the Matter of Southwestern Public Service Company’s Annual 2021 Renewable Energy Portfolio Procurement Plan and Requested Approval Therein; Proposed 2021 Renewable Portfolio Standard Cost and Reconciliation Riders; Application for an RPS Incentive; and Other Associated Relief*, Final Order Adopting Recommended Decision with Modification to Decretal Paragraph K (Dec. 16, 2020).

<sup>7</sup> See Case No. 18-00201-UT, *In the Matter of Southwestern Public Service Company’s Application Requesting: (1) Acknowledgment of its filing of the 2017 Annual Renewable Energy Portfolio Report; (2) Approval of its Annual Renewable Energy Portfolio Procurement Plan for Plan Year 2019; (3) Approval of the Proposed Rate for its 2019 Renewable Portfolio Standard Rider; (4) Approval of its Proposed Treatment of Renewable Energy Certificates Associated with the Sagamore and Hale Wind Facilities; and (5) Other Associated Relief*, Final Order Adopting Recommended Decision (December 12, 2018), Ordering Paragraph 22 “the Commission finds that SPS should be authorized to (i) retire the RECs associated with the Sagamore and Hale wind facilities for RPS compliance as needed”.



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1 **Q. Does SPS project that it will meet the minimum 20% overall RPS requirement**  
2 **for the Plan Year?**

3 A. Yes. As explained in more detail by Mr. Whiteside, SPS will have sufficient RECs  
4 to meet its Plan Year renewable energy requirement. SPS will retire its oldest RECs  
5 first, using a first-in, first-out methodology.

6 **B. Next Plan Year (2025)**

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

8 A. In this section of my testimony, I provide, at a high level, the calculated Next Plan  
9 Year RPS requirements.

10 **Q. Please describe the compliance requirements for the Next Plan Year.**

11 A. In the Next Plan Year, SPS projects its overall RPS requirement to be 4,939,937  
12 MWh (*see* Attachment ZEL-3, Appendix A, page 2, line 5). This calculation was  
13 performed, and supplied to me, by Mr. Whiteside (*see* Attachment CJW-1, line 5).

14 **Q. What renewable resources does SPS expect to use to meet its Next Plan Year**  
15 **requirements?**

16 A. In the Next Plan Year, SPS expects to continue to purchase both energy and RECs  
17 from the San Juan wind facilities. The Caprock PPA is set to expire on December

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1 31, 2024.<sup>8</sup> Additionally, SPS expects to continue to purchase energy and RECs  
2 through the SunE PPAs and its DG programs. SPS will continue purchasing the  
3 New Mexico retail allocation of the RECs associated with the following renewable  
4 energy PPAs: (i) Roswell; (ii) Chaves; (iii) Mammoth; (iv) Palo Duro; and (vi)  
5 Bonita. In addition, as noted above, SPS will apply the New Mexico energy  
6 allocation of both the Sagamore and Hale wind facilities' RECs to its overall RPS  
7 compliance obligations. Additionally, SPS expects to utilize wind RECs from the  
8 Mesalands Qualifying Facility ("QF") in the Next Plan Year.

9 **Q. Does SPS project that it will meet the minimum 40% RPS requirements in the**  
10 **Next Plan Year?**

11 A. Yes. As demonstrated by Mr. Whiteside, SPS will have sufficient RECs to meet  
12 its Next Plan Year renewable energy requirement. SPS plans to use banked RECs  
13 to meet the 40% RPS requirement in the Next Plan Year and will retire its oldest  
14 RECs first, using a first-in, first-out methodology.

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<sup>8</sup> As shown in Attachment CJW-1 of SPS witness Christopher J. Whiteside's direct testimony.



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- 1           4. Solar economic energy costs from the SunE PPAs. These costs are allocated  
2           among SPS's three jurisdictions and recovered through fuel.
- 3           5. Solar uneconomic energy costs from the SunE PPAs. These costs are  
4           directly assigned to SPS's New Mexico retail jurisdiction and recovered  
5           through the RPS Rider.
- 6           6. Solar RECs from the SunE PPAs. These costs are directly assigned to SPS's  
7           New Mexico retail jurisdiction and recovered through the RPS Rider.
- 8           7. Solar energy costs from the Roswell and Chaves Solar PPAs. These costs  
9           will continue to be allocated on a jurisdictional basis and recovered through  
10          SPS's FPPCAC.
- 11          8. Roswell and Chaves RECs (New Mexico Retail allocation). As approved  
12          in Case No. 20-00143-UT, these REC costs will be directly assigned to  
13          SPS's New Mexico retail jurisdiction and recovered through the RPS Rider.
- 14          9. DG program and administrative costs. These costs are directly assigned to  
15          SPS's New Mexico retail jurisdiction and recovered through the RPS Rider.
- 16          10. Western Renewable Energy Generation Information System ("WREGIS")  
17          costs. These costs are directly assigned to SPS's New Mexico retail  
18          jurisdiction and recovered through the RPS Rider.
- 19          11. Costs for external counsel engaged for this filing.

20                 Please refer to Appendix C of the 2022 RPS Report (Attachment ZEL-2)  
21                 for a listing of case numbers approving the resources and allocation of costs among  
22                 the various cost recovery mechanisms and jurisdictions.

Case No. 23-00 \_\_\_-UT  
Direct Testimony  
of  
Zoe E. Lees

1 **Q. What are the Plan Year estimated costs?**

2 A. The Plan Year cost estimates, both for economic energy and incremental RPS  
3 costs,<sup>12</sup> are summarized in Attachment ZEL-3, Appendix B, page 1. Mr. Comer  
4 supports the calculation of the Plan Year and Next Plan Year renewable energy  
5 costs and the resulting 2024 RPS Rider revenue requirement.

6 **B. Cost Recovery Standards**

7 **Q. What are the standards for RPS-related cost recovery?**

8 A. The REA provides that:

9 A public utility that procures or generates renewable energy shall  
10 recover, through the rate-making process, the reasonable costs of  
11 complying with the renewable portfolio standard. Costs that are  
12 consistent with commission approval of procurement plans or  
13 transitional procurement plans shall be deemed to be reasonable.<sup>13</sup>

---

<sup>12</sup> Incremental RPS costs include: wind and solar REC costs, uneconomic energy costs under the SunE PPAs, DG incentives and administration costs, and WREGIS registration costs.

<sup>13</sup> NMSA 1978 § 62-16-6(A).

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Direct Testimony  
of  
Zoe E. Lees

1 **Q. Are the projected costs you described above and that Mr. Comer presents in**  
2 **his testimony regarding the estimated revenue requirement consistent with the**  
3 **Commission’s prior approvals?**

4 A. Yes. The majority of projected costs are based on Commission-approved RPS  
5 Plans from prior SPS RPS cases that were deemed reasonable.

6 **C. Cost Recovery**

7 **Q. How will the Plan Year and Next Plan Year costs be recovered?**

8 A. The costs will be recovered through a combination of base rates, fuel, and the RPS  
9 Rider. Specifically, economic wind and solar energy costs from the PPAs and  
10 owned facilities will be allocated among and collected from SPS’s New Mexico  
11 retail, Texas retail, and wholesale customers on a proportional basis through base  
12 rates and the applicable fuel adjustment recovery mechanisms. The remaining costs  
13 will be collected through SPS’s Plan Year and Next Plan Year RPS Riders. Mr.  
14 Comer presents the calculation of the RPS Rider in his direct testimony.

15 *a. 2024 RPS Cost Rider*

16 **Q. Does SPS currently have an RPS Rider in effect?**

17 A. Yes. In Case No. 12-00350-UT the Commission approved SPS’s RPS Rider and  
18 authorized recovery of costs for calendar year 2014. In each subsequent annual

Case No. 23-00 \_\_\_-UT  
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of  
Zoe E. Lees

1 RPS filing, the Commission approved SPS's annual RPS Rider revenue  
2 requirements, resulting rates, and cost recovery.<sup>14</sup> Mr. Comer provides the 2024  
3 RPS Rider revenue requirement and resulting rates in his testimony. Mr. Comer  
4 also provides an estimated 2025 revenue requirement for informational purposes.  
5 SPS will present its 2025 RPS Rider revenue requirement, for Commission  
6 approval, in its next RPS filing (to be filed by July 1, 2024).

7 *b. RPS Reconciliation Rider*

8 **Q. Please describe SPS's RPS Reconciliation Rider.**

9 A. In Case No. 19-00134-UT, the Commission approved the 2020 RPS Reconciliation  
10 Rider that was created to return or recover costs associated with time periods prior  
11 to elimination of the large customer cap. In other words, the RPS Reconciliation  
12 Rider was designed to return or recover costs paid for by those customers who were  
13 not eligible for the large customer cap. The RPS Reconciliation Rider Rate has  
14 been recalculated and updated with subsequent RPS filing.

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<sup>14</sup> See Attachment ZEL-4 for a list of SPS's Annual RPS filings approved by the Commission.

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Direct Testimony  
of  
Zoe E. Lees

1 **Q. Please describe the reconciliation of the 2022 RPS Reconciliation Rider.**

2 A. The 2022 RPS Reconciliation Rider was designed to return the over-recovery of  
3 the 2020 RPS Rider and associated interest. Please refer to Appendix E of  
4 Attachment ZEL-2 (lines 1-5) for the detailed reconciliation.

5 **Q. What does SPS propose in regards to the RPS Reconciliation Rider?**

6 A. As Mr. Comer discusses in his direct testimony, SPS proposes to terminate the  
7 Reconciliation Rider as of January 1, 2024 based on the estimated, expected  
8 reconciliation balance at December 31, 2023.

9 **Q. What is SPS's basis for the termination of the RPS Reconciliation Rider?**

10 A. As Mr. Comer explains in more detail in his testimony, the RPS Reconciliation  
11 Rider was never intended to be an ongoing charge/credit to SPS customers, and it  
12 is estimated to reach a balance of less than \$10,000 by the end of 2023. Since  
13 inception of the Reconciliation Rider, the end-of-year balances have fluctuated  
14 between over- and under-recovered balances as a result of deviations between  
15 forecasted and actual sales and the delay between actual amounts and when the RPS  
16 Reconciliation Rider is effective (e.g., the 2022 Reconciliation Rider balance would  
17 not be collected/returned until 2024). If the Reconciliation Rider is not terminated,  
18 the rider will continue to fluctuate between over- and under-recovery.



1           **VI. COMPLIANCE WITH PRIOR COMMISSION ORDERS**

2   **Q. Please describe the prior Commission orders and the resulting requirements**  
3   **that SPS must follow.**

4   A. In its Final Order in Case No. 15-00208-UT, the Commission adopted the Hearing  
5   Examiner's Recommended Decision, which among other items, approved SPS's  
6   request to modify its DG tariffs to align the payment methodology for excess energy  
7   with the Southwest Power Pool's Integrated Marketplace. The Recommended  
8   Decision required SPS to provide, in its annual report, the prior year's information  
9   showing the monthly excess generation, the average estimated price paid, the actual  
10   price, and a reconciliation of the cost on a quarterly basis. This information is  
11   provided in Appendix F to the 2022 RPS Report.

12           In Case No. 18-00308-UT, the Commission approved SPS's new voluntary  
13   renewable program, Solar\*Connect. As part of that approval, the Commission  
14   requires annual reporting related to the program. A portion of the Recommended  
15   Decision which was approved by the Final Order reads as follows:

16           SPS shall annually file a revised Solar\*Connect Community Rate  
17   Rider and Solar\*Connect Credit based on updated avoided cost  
18   calculations in SPS's July 1 Annual Renewable Energy Procurement  
19   Report beginning in 2020. The update shall include: 1) the updated  
20   Solar\*Connect Credit for the upcoming calendar year; 2) the amount  
21   of subsidization by non-participants for the previous year; 3) the

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1 actual number of participants and the subscription levels for the  
2 previous year; 4) an analysis showing the level of cross-  
3 subsidization for the previous Solar\*Connect program year; 5) a  
4 summary of Solar\*Connect program performance in terms of actual  
5 participant numbers and subscription levels; 6) testimony,  
6 attachments, and all data supporting the Solar\*Connect premium for  
7 the upcoming calendar year; and 7) an Advice Notice for the updated  
8 Solar\*Connect Community Rate Rider, which will reflect the  
9 Solar\*Connect premium for the upcoming calendar year.

10 Mr. Comer addresses items 1, 6, and 7 in his testimony. Items 2, 3, and 4 are  
11 addressed in SPS's 2022 RPS Report, provided as Attachment ZEL-2.

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Zoe E. Lees

1           **VII.    SPS IS NOT REQUESTING A FINANCIAL INCENTIVE**

2   **Q.    Is SPS requesting a Financial Incentive in this filing?**

3   A.    No, it is not.

4   **Q.    Do the REA and Rule 572 allow utilities to request an incentive?**

5   A.    Yes. The REA provides that “a public utility should have incentives to go beyond  
6           the minimum requirements of the renewable portfolio standard.” NMSA 1978, §  
7           62-16-2(A)(5). The Act further provides that “The incentives may include  
8           additional earnings and capital investment opportunities for resources used in  
9           furtherance of” achieving the goal of exceeding the applicable RPS standards.  
10          NMSA 1978, § 62-16-4(D). The Commission adopted Rule 572 to implement the  
11          REA and as with the REA itself, Rule 527.22.A subsections 1 through 3 provides  
12          that:

13                   a public utility or any other person, may apply by a motion or  
14                   application, requesting that the commission provide the public  
15                   utility with a financial or other incentives to encourage public  
16                   utilities to produce or acquire renewable energy that (1) exceeds the  
17                   applicable annual renewable portfolio standard...; (2) results in  
18                   reductions in carbon dioxide emissions earlier than required...; (3)  
19                   or causes a reduction in the generation of electricity by coal-fired  
20                   generating facilities, including coal-fired generating facilities  
21                   located outside of New Mexico.

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Zoe E. Lees

1 In 2023, the Commission amended Rule 572.22 to add various requirements to  
2 obtain a financial incentive that are not found in the REA itself.

3 **Q. Has SPS applied for incentives in prior RPS filings?**

4 A. Yes, it has. SPS applied for an incentive in its 2021 RPS filing, Case No. 21-00172-  
5 UT, and in its 2022 RPS filing, Case No. 22-00177-UT, but those requests were  
6 denied. An appeal of the Commission order denying those requests and the  
7 Commission order adopting amendments to Rule 572.22 is currently pending at the  
8 New Mexico Supreme Court. It is my understanding that the positions stated in the  
9 Order in Case No. 21-00172-UT remain open and subject to resolution because SPS  
10 has appealed the Commission order denying the financial incentive, as well as the  
11 2021 Commission order adopting amendments to Rule 572.22, to the New Mexico  
12 Supreme Court.

13 **Q. Will SPS request a financial incentive in the future?**

14 A. As I explained above in my testimony, the REA and Rule 572 allow utilities to  
15 request incentives, and SPS may request a financial incentive pursuant to those  
16 authorities in the future. As such, SPS reserves its right to request such an incentive  
17 in the future and, if appropriate due to the timing of procuring new resources and  
18 the timing of future RPS filings, to request a variance from Rule 572.22 (H) in order

Case No. 23-00 \_\_\_-UT  
Direct Testimony  
of  
Zoe E. Lees

1 to request an incentive in a proceeding other than its annual Renewable Energy Act  
2 plan.

1 **VIII. REQUESTED APPROVALS**

2 **Q. What approvals is SPS seeking in this case?**

3 A. SPS requests the Commission enter a final order that:

4 (a) acknowledges SPS's concurrent filing of its 2022 RPS Report;

5 (b) approves SPS's 2024 RPS Plan and all components therein;

6 (c) approves SPS's proposed rate for its 2024 RPS Rider set forth in Advice  
7 Notice No. 315;

8 (d) approves SPS's request to terminate the RPS Reconciliation Rider;

9 (e) determines SPS's 2024 RPS Plan complies with the annual filing  
10 requirements of Rule 572.14, the REA, and applicable prior Commission  
11 orders;

12 (f) approves SPS's 2024 Solar\*Connect Community Rate Rider set forth in  
13 Advice Notice No. 316, consistent with the Final Order in Case No. 18-  
14 00308-UT; and

15 (g) grants all other approvals, authorizations, and actions that may be required  
16 for SPS to implement its 2024 RPS Plan under the REA, Rule 572, and the  
17 New Mexico Public Utility Act.

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

19 A. Yes.

BEFORE THE NEW MEXICO PUBLIC REGULATION COMMISSION

IN THE MATTER OF SOUTHWESTERN )  
PUBLIC SERVICE COMPANY’S )  
ANNUAL 2024 RENEWABLE ENERGY )  
PORTFOLIO PROCUREMENT PLAN )  
AND REQUESTED APPROVALS )  
THEREIN; PROPOSED 2024 )  
RENEWABLE PORTFOLIO STANDARD )  
COST RIDER; TERMINATION OF THE )  
RECONCILIATION RIDER; AND )  
OTHER ASSOCIATED RELIEF, )  
SOUTHWESTERN PUBLIC SERVICE )  
COMPANY, )  
APPLICANT. )

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CASE NO. 23-00\_\_-UT

**VERIFICATION**

On this day, June 30, 2023, I, Zoë E, Lees, swear and affirm under penalty of perjury under the law of the State of New Mexico, that my testimony contained in Direct Testimony of Zoë E, Lees is true and correct.

/s/ Zoë E. Lees  
**ZOË E. LEES**

**Southwestern Public Service Company  
RPS Rule Map  
For the 2024 RPS Plan**

**PLAN (572.14)**

	<b>Requirement</b>	<b>Rule Citation</b>	<b>Reference</b>
1	General: Must Include Plan Year (PY) & Next Plan Year (NPY) Data	14.A	Plan Lees Direct Testimony (DT)
2	General: On or Before July 1	14.B	General
3	Testimony & Exhibits Supporting PY & NPY RPS & RCT Calc	14.C1	Lees DT; Whiteside DT Plan Section II(A)
4	Cost of procurement in PY and NPY for all new renewable energy resources required to comply with RPS pursuant to Section 10 of rule. (N/A in this case)	14.C2	Lees DT Plan Section II(D)
5	The amount of renewable energy the public utility plans to provide in the PY and NPY in compliance with RPS	14.C3	Lees DT; Whiteside DT Plan Section II(B) Plan Appendix A
6	Testimony & Exhibits demonstrating how the cost and amount specified in Paragraphs (2) and (3) of subsection were determined	14.C4	Lees DT ; Comer DT Plan Section II(C) Plan Appendices B-C
7	Testimony & Exhibits demonstrating the PY and NPY procurement amounts and costs expected to be recovered	14.C5	Lees DT; Comer DT Plan Section II(B), II(C) Plan Appendices B-C
8	Capital, operating and fuel costs on a per-MW basis during the preceding calendar year of each nonrenewable generation resource rate-base by the utility, or dedicated to the utility through a power purchase agreement of one year or longer, and the nonrenewable generation resources' carbon dioxide emissions on a per-MW basis during that same year.	14.C6	Plan Appendix D Section II(G)
9	Testimony & Exhibits demonstrating the PY and NPY procurement amounts and costs expected to be recovered if limited by the RCT, (N/A in this case).	14.C7	Lees DT Plan Section II(D)



**Southwestern Public Service Company**  
**RPS Rule Map**  
**For the 2024 RPS Plan**

**PLAN (572.14)**

	<b>Requirement</b>	<b>Rule Citation</b>	<b>Reference</b>
10	Testimony demonstrating that the cost of proposed procurement is reasonable compared with price of electricity from renewable resources in the bids received by the public utility to recent prices for comparable energy resources elsewhere in the southwestern United States, (N/A in this case).	14.C8	Plan Section II(D)
11	Testimony regarding strategies used to minimize costs of renewable energy integration, including location, diversity, balancing area activity, demand-side management, rate design and load management	14.C9	Plan Section II(H)
12	Testimony & Exhibits demonstrating that the portfolio procurement plan is consistent with the integrated resource plan and explaining any material differences	14.C10	Whiteside DT Plan Section II(E)
13	Testimony demonstrating that acceptable system reliability will be maintained with the proposed new renewable resource additions, (N/A in this case).	14.C11	Plan Section II(D)
14	Information, including exhibits, as applicable, that demonstrates that the proposed procurement was the result of a competitive procurement that included opportunities for bidders to propose purchased power, facility self-build or facility build-transfer options, (N/A in this case).	14.C12	Plan Section II(D)
15	Demonstration that the plan is otherwise in the public interest, considering factors such as overall cost and economic development opportunities	14.C13	Lees DT Plan Section II(F)
16	A mechanism, with supporting testimony, to prevent the public utility's voluntary program customers from being subject to charges by the public utility to recover RPS compliance costs pursuant to Subsection B of Section	14.C14	Comer DT Plan Section II(E)
17	Any other information the commission may deem necessary	14.C15	General

**Southwestern Public Service Company  
RPS Rule Map  
For the 2024 RPS Plan**

**PLAN (572.14)**

**REASONABLE  
COST  
THRESHOLD  
(572.12)**

	<b>Requirement</b>	<b>Rule Citation</b>	<b>Reference</b>
18	In addition to electronically filing and serving in accordance with 1.2.2 NMAC, serve notice and send a copy of plan filing by first class mail on 1) Renewable resource providers requesting such notice from the commission 2) AG 3) Intervenors in most recent rate case 4) Post on website most recent and pending Renewable Energy Act plans	14.D	Application <a href="https://www.xcelenergy.com/company/rates_and_regulations/filings/new_mexico_renewable_portfolio_standard">https://www.xcelenergy.com/company/rates_and_regulations/filings/new_mexico_renewable_portfolio_standard</a>
19	The reasonable cost threshold in any plan year is adjusted for inflation starting in 2021 by the amount of the cumulative increase change in the consumer price index, urban, all items, published by the bureau of labor statistics between January 1 of the year prior to the procurement plan year and January 1 of the procurement plan year. Each public utility shall include in its annual Renewable Energy Act plan a reasonable cost threshold analysis by proposed procurement for the plan year for which it seeks commission approval. This analysis shall show how each procurement compares for that plan year with the inflation adjusted reasonable cost threshold. (N/A in this case)	12.A	Plan Section II(A)

**Southwestern Public Service Company  
RPS Rule Map  
For the 2024 RPS Plan**

PLAN (572.14)

	Requirement	Rule Citation	Reference
20	<p>If, in any given year, a public utility determines that the average annual levelized cost of renewable energy that would need to be procured or generated for purposes of compliance with the renewable portfolio standard would be greater than the reasonable cost threshold, the public utility shall not be required to incur that excess cost; provided that the existence of this condition excusing performance under the renewable portfolio standard in any given year shall not operate to delay compliance with the renewable portfolio standard in subsequent years. The provisions of this rule do preclude a public utility from accepting a project with a cost that would exceed the reasonable cost threshold. When a public utility can generate or procure renewable energy resources at or below the reasonable cost threshold, it shall be required to do so to the extent necessary to meet the applicable renewable portfolio standard. To the extent a procurement is greater than the reasonable cost threshold and results in excess costs, the public utility shall explain in detail why the public utility cannot procure renewable energy resources at a cost less than or equal to the reasonable cost threshold along with a demonstration of the public utility's efforts to obtain to procure renewable energy resources at or below the reasonable cost threshold.</p>	12.B	N/A

**Southwestern Public Service Company  
RPS Rule Map  
For the 2024 RPS Plan**

**PLAN (572.14)**

	<b>Requirement</b>	<b>Rule Citation</b>	<b>Reference</b>
21	A public utility that believes its procurement will exceed the reasonable cost threshold may file with the commission a request for waiver of the renewable portfolio standard for the applicable plan year. The waiver request shall: (1) explain in detail why the public utility cannot procure resources at a cost less than the reasonable cost threshold; (2) include an explanation and evidence of all efforts the public utility undertook to procure resources at a cost within the reasonable cost threshold; and (3) be deemed granted if not acted upon within 60 days of the date the waiver request was filed.	12.C	N/A
<b>INCENTIVE (572.22)</b>	In accordance with Subsection D of Section 62-16-4 NMSA 1978 (2019), a public utility or any other person, may apply by a motion or application, requesting that the commission provide the public utility with a financial or other incentives to encourage public utilities to produce or acquire renewable energy that:	22A	Lees DT
23	exceeds the applicable annual renewable portfolio standard set forth in Section 62-16-4 NMSA 1978 (2019);	22.A.(1)	N/A
24	results in reductions in carbon dioxide emissions earlier than required by Subsection A of Section 62-16-4 NMSA 1978 (2019);	22.A.(2)	N/A
25	or causes a reduction in the generation of electricity by coal-fired generating facilities, including coal-fired generating facilities located outside of New Mexico.	22.A.(3)	N/A
26	A financial or other incentive proposed under this section must be related to measures implemented by the utility after the effective date of this rule to accomplish at least one of the following purposes:	22B	N/A
27	(1) exceeding the public utility's annual RPS requirements;	22.B.(1)	N/A
28	(2) reducing carbon dioxide emissions earlier than required by Subsection A of Section 62-16-4 NMSA 1978; or	22.B.(2)	N/A

**Southwestern Public Service Company**  
**RPS Rule Map**  
**For the 2024 RPS Plan**

**PLAN (572.14)**

	<b>Requirement</b>	<b>Rule Citation</b>	<b>Reference</b>
29	(3) reducing the generation of electricity by coal-fired generating facilities, including coal-fired generating facilities located outside of New Mexico that serve the utility's customers.	22.B.(3)	N/A
30	A public utility shall not be eligible to receive financial or other incentives for renewable energy that was produced or acquired prior to the date that the commission approves the public utility's application for a financial or other incentive for the specific renewable energy investments.	22.C	N/A
31	The public utility or other person requesting a financial or other incentive has the burden to prove by a preponderance of evidence that the terms and duration of the proposed incentive meet the requirements of this rule and are just and reasonable in light of the utility's costs, its authorized return, and the magnitude of any other incentives that have been authorized by the commission. Any application or motion requesting a financial or other incentive shall be supported by written testimony and exhibits.	22D	N/A
32	No incentive will be awarded under this section with respect to a particular investment if the cost of that investment exceeds the demonstrable value of the corresponding reduction in carbon dioxide or other emissions. A utility requesting a financial or other incentive under this rule must establish that the benefits of achieving the goals set out in Subsection B of this section above are not exceeded by the costs it incurred to achieve them. To establish this, the utility must provide detailed analysis for each applicable period, including but not limited to:	22.E	N/A
33	(1) the utility's total carbon dioxide emissions;	22E(1)	N/A
34	(2) the reduction in the utility's carbon dioxide emissions attributable to the measures described in Subsection B of this section;	22E(2)	N/A

**Southwestern Public Service Company  
RPS Rule Map  
For the 2024 RPS Plan**

**PLAN (572.14)**

	<b>Requirement</b>	<b>Rule Citation</b>	<b>Reference</b>
35	(3) the estimated value of the reduction in carbon dioxide emissions described in Paragraph (2) of this subsection based on an analysis of relevant carbon dioxide markets;	22E(3)	N/A
36	(4) the cost of the measures implemented by the utility that resulted in the lower carbon dioxide emissions identified in Paragraph (2) of this subsection and the dates when each measure was implemented; and	22E(4)	N/A
37	(5) any other costs necessary to implement each of the measures identified in Subsection B of this section.	22E(5)	N/A
38	The total financial incentive authorized for recovery in rates pursuant to this section shall not exceed the product ( expressed in dollars) of:	22F	N/A
39	(1) the utility 's annual weighted average cost of capital ( expressed as a percent); and	22F(1)	N/A
40	(2) the cost of the measures described in Subsection B of this section.	22F(2)	N/A
41	A financial incentive shall only be granted to encourage a public utility to produce or to acquire renewable energy to accomplish the requirements of Subsection D of Section 62-16-4 NMSA 1978, and it shall not be granted to incentivize only an abandonment or closure of a carbon dioxide emitting generating resource.	22G	N/A
42	Public utilities shall file any motion or application under 17.9.572.22 NMAC concurrently with their annual Renewable Energy Act plan.	22H	N/A

**Southwestern Public Service Company  
RPS Rule Map  
For the 2024 RPS Plan**

**Plan  
(§ 62-16-4 (G))**

	<b>Requirement</b>	<b>Statute Citation</b>	<b>Reference</b>
	By July 1, 2020, and each July 1 thereafter, a public utility shall file a report to the commission on the public utility's procurement and generation of renewable energy since the last report and a procurement plan that includes:		
1	the cost of procurement for new renewable energy required to comply with the renewable portfolio standard	§ 62-16-4 (G) (1)	Lees DT, Comer DT, Plan Section II(C) Plan Appendicies B-C
2	the capital, operating and fuel costs on a per-megawatt-hour basis during the preceding calendar year of each nonrenewable generation resource rate-based by the utility, or dedicated to the utility through a power purchase agreement of one year or longer, and the nonrenewable generation resources' carbon dioxide emissions on a per-megawatt-hour basis during that same year	§ 62-16-4 (G) (2)	Plan Section III Plan Appendix D
	information, including exhibits, as applicable, that demonstrates that the proposed procurement:	§ 62-16-4 (G) (3)	
3	was the result of competitive procurement that included opportunities for bidders to propose purchased power, facility self-build or facility build-transfer options	§ 62-16-4 (G) (3)(a)	N/A
4	has a cost that is reasonable as evidenced by a comparison of the price of electricity from renewable energy resources in the bids received by the public utility to recent prices for comparable energy resources elsewhere in the southwestern United States	§ 62-16-4 (G) (3)(b)	N/A
5	is in the public interest, considering factors such as overall cost and economic development opportunities	§ 62-16-4 (G) (3)(c )	N/A
6	strategies used to minimize costs of renewable energy integration, including location, diversity, balancing area activity, demand-side management and load management	§ 62-16-4 (G) (4)	Plan Section III

**Southwestern Public Service Company  
RPS Rule Map  
For the 2024 RPS Plan**

**REC Reporting  
(§ 62-16-5)**

	<b>Requirement</b>	<b>Statute Citation</b>	<b>Reference</b>
	Renewable energy certificates: .....The public utility shall annually file a report with the commission discussing:		
7	its use, sale, trading or transfer of renewable energy certificates	§ 62-16-5 (B) (2)	Please refer to SPS's 2022 RPS Report
8	whether and how its public claims of renewable energy generation account for renewable energy certificates that it has traded, sold or transferred	§ 62-16-5 (B) (2)(a)	Please refer to SPS's 2022 RPS Report
	Renewable energy certificates:		
9	that are used for the purpose of meeting the renewable portfolio standard shall be registered with a renewable energy generation information system that is designed to create and track ownership of renewable energy certificates and that, through the use of independently audited generation data, verifies the generation and delivery of electricity associated with each renewable energy certificate and protects against multiple counting of the same renewable energy certificate	§ 62-16-5 (B) (2)(b)	Please refer to SPS's 2022 RPS Report
10	may be carried forward for up to four years from the date of issuance to establish compliance with the renewable portfolio standard, after which they shall be deemed retired by the public utility	§ 62-16-5 (B) (3)	Please refer to SPS's 2022 RPS Report
11	A public utility shall be responsible for demonstrating that a renewable energy certificate used for compliance with the renewable portfolio standard is derived from eligible renewable energy resources	§ 62-16-5 (B) (4)	Please refer to SPS's 2022 RPS Report
		§ 62-16-5 (C )	Please refer to SPS's 2022 RPS Report



**SOUTHWESTERN PUBLIC SERVICE COMPANY**

**ANNUAL RENEWABLE ENERGY  
PORTFOLIO REPORT FOR 2022**

**Prepared in Compliance with 17.9.572.19 NMAC  
and NMSA 1978, §§ 62-16-4 and 62-16-5**

**June 30, 2023**

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## GLOSSARY OF ACRONYMS AND DEFINED TERMS

<b><u>Acronym/Defined Term</u></b>	<b><u>Meaning</u></b>
AC	alternating current
Caprock	Caprock Wind Ranch
Commission	New Mexico Public Regulation Commission
DG	distributed generation
ETA	Energy Transition Act
FPPCAC	Fuel and Purchased Power Cost Adjustment Clause
kW	kilowatt
MW	megawatt
MWh	megawatt-hour
Mesalands	Mesalands Community College Wind Qualifying Facility
Other	Renewable Technologies Other than Wind and Solar
QF	Qualifying Facility
RCT	reasonable cost threshold
REA	Renewable Energy Act (NMSA 1978, §§ 62-16-1 to 62-16-10)
REC	renewable energy certificate
RPS	renewable portfolio standard

<b><u>Acronym/Defined Term</u></b>	<b><u>Meaning</u></b>
RPS Report	Annual Renewable Energy Portfolio Report for 2022
Rule 572	17.9.572 NMAC - Renewable Energy Rule for Electric Utilities
San Juan	San Juan Mesa Wind Project
SoCore	SoCore Clovis 1 LLC
SPS	Southwestern Public Service Company, a New Mexico corporation
SunE PPAs	Sun Edison Solar Purchased Power Agreements
total company	Total SPS (before jurisdictional allocation)
WREGIS	Western Renewable Energy Generation Information System

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## I. Introduction

Southwestern Public Service Company, a New Mexico corporation, (“SPS”) a wholly-owned electric utility subsidiary of Xcel Energy Inc., files its Annual Renewable Energy Portfolio Report for 2022 (“RPS Report”) in compliance with Section 62-16-4G of the Renewable Energy Act (NMSA 1978, §§ 62-16-1 to 62-16-10 – “REA”) and the New Mexico Public Regulation Commission’s (“Commission”) Renewable Energy Rule (17.9.572 NMAC – “Rule 572”). Rule 572.19 requires SPS to file a report on its renewable energy generation or purchases for the prior calendar year with the Commission each year, concurrent with the filing of an annual renewable energy plan. Specifically, Rule 572.19 Subsection A requires that each public utility:

1. itemize all renewable energy generation or renewable energy certificate (“REC”) purchases and sales;
2. list, and include copies of, all RECs, including acquired, issued, or retired certificates);
3. provide documentation from the Western Renewable Energy Generation Information System (“WREGIS”) or its successor regarding the RECs acquired, sold, retired, transferred, or expired, such documentation shall include reports from WREGIS of its successor which allows the Commission to determine, by fuel type, the number of RECs in each calendar year: (a) acquired; (b) sold; (c) retired; (d) transferred; and (e) expired in each calendar year<sup>1</sup>;
4. describe the retirements made to meet the renewable portfolio standard (“RPS”) compliance based on actual retail sales and procurement costs, including the reductions, if any, to the RPS for a) purchases by retail customers through an approved voluntary program; b) due to the reasonable cost threshold; c) explain

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<sup>1</sup> Renewable energy certificates representing electricity delivered to New Mexico and registered with a tracking system other than WREGIS may be used to meet renewable portfolio standards so long as WREGIS lacks the capability to import certificates from that other tracking system. (Rule 572.17(F) NMAC).

and demonstrate how the reduction was determined; and d) quantity of RECs banked for future compliance use;

5. describe and quantify the implementation of the voluntary renewable tariff requirements in Rule 572.18;
6. present a full explanation of approved recovery mechanisms for approved RPS plan costs, including a complete accounting of all collected and deferred amounts; and
7. describe and tabulate compliance with the RPS and describe how the compliance relates to the first year a new renewable portfolio standard becomes effective as established in Subsection A of Section 62-16-4 NMSA 1978 (2019) and Subsection A of 17.9.572.10 NMAC and describe how the compliance relates the first year of the next new RPS.

Rule 572.19 Subsection B requires that the report include the following to demonstrate compliance with the RPS:

1. report year total utility RPS requirement in mega-watt hours (“MWh”);
2. report year total utility RPS compliance in MWh;
3. report year total utility RPS provided by eligible renewable energy resources in MWh listed by resource and totaled;
4. percentage of report year total utility RPS MWh provided by eligible renewable energy resources; and
5. report year kWh generation by facility from coal-fired generating facilities allocated to NM retail customers.

As demonstrated in this Report, SPS obtained and retired sufficient RECs to meet its overall annual RPS obligations.

Additionally, Section 62-16-5 (B)(2) of the REA states, “[t]he public utility shall annually file a report with the commission discussing: (a) its use, sale, trading or transfer of renewable energy certificates; and (b) whether and how its public claims of renewable energy generation account for renewable energy certificates that it has traded, sold or transferred. . .”

Section 62-16-5 (B)(3) of the REA states that renewable energy certificates “that are used for the purpose of meeting the renewable portfolio standard shall be registered with a renewable energy generation information system that is designed to create and track ownership of renewable energy certificates and that, through the use of independently audited generation data, verifies the generation and delivery of electricity associated with each renewable energy certificate and protects against multiple counting of the same renewable energy certificate.”

Section 62-16-5 (B)(4) of the REA states that renewable energy certificates “may be carried forward for up to four years from the date of issuance to establish compliance with the renewable portfolio standard, after which they shall be deemed retired by the public utility.”

Section 62-16-5 (C) of the REA states that “[a] public utility shall be responsible for demonstrating that a renewable energy certificate used for compliance with the renewable portfolio standard is derived from eligible renewable energy resources.”

Additionally, the Final Order in Case No. 15-00208-UT<sup>2</sup> requires SPS to provide, in its annual RPS reports, information showing the monthly excess distributed generation (“DG”) generation, the average estimated price paid, the actual price (based on the Southwest Power Pool’s Integrated Marketplace) and a reconciliation of the cost on a quarterly basis. This information is provided in Appendix F, as discussed in Section V

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<sup>2</sup> Case No. 15-00208-UT, *In the Matter of Southwestern Public Service Company’s Application Requesting: (1) Acceptance of its 2014 Annual Renewable Portfolio Report; (2) Approval of its Annual Renewable Energy Portfolio Procurement Plan for 2016; and (3) Other Associated Relief*, Final Order (Dec. 16, 2015).



below. Also, the Final Order in Case No. 18-00201-UT<sup>3</sup> requires SPS to update the information in Section VI(B)(4) of the Recommended Decision about its DG REC purchase programs. This information is provided in Section VI below.

Also, the Final Order in Case No. 18-00308-UT<sup>4</sup>, requires SPS to provide certain information regarding its voluntary renewable energy program, Solar\*Connect. Those requirements are discussed in Section III.

Finally, Appendix H to the RPS Report provides a guide to address where the specific requirements of Rule 572 are addressed in the report. Appendix H demonstrates compliance with all applicable sections of Rule 572.

Appendix I to the RPS Report provides additional information by customer class. This information is being provided at the request of customers so as they may better understand how SPS is complying with the REA and Rule 572 and how that compliance translates to the energy portfolio of which their electric usage is comprised.

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<sup>3</sup> Case No. 18-00201-UT, *In the Matter of Southwestern Public Service Company's Application Requesting: (1) Acknowledgement of its Filing of the 2017 Annual Renewable Energy Portfolio Report; (2) Approval of its Annual Renewable Energy Portfolio Procurement Plan for Plan Year 2020; (3) Approval of the Proposed Rate for its 2020 Renewable Portfolio Standard Rider; (4) Approval of its Proposed Treatment of Renewable Energy Certificates Associated with the Sagamore and Hale Wind Facilities; and (5) Other Associated Relief*, Final Order (Dec. 12, 2018).

<sup>4</sup> Case No. 18-00308-UT, *In the Matter of Southwestern Public Service Company's Application for: (1) Authorization to Establish the Voluntary Solar\*Connect Community Program (Solar\*Connect) and Enter into a Purchased Power Agreement for the Purchase of 1.98 MW of Nominal Solar Capacity and Associated Energy for Solar\*Connect; (2) Approval of the Proposed Methodology for Calculating and Annually Adjusting the Solar\*Connect Rate; and (3) Authorization to Flow Through All Solar\*Connect Costs and Revenues Through the Solar\*Connect Rider and its Fuel and Purchased Power Cost Adjustment Clause*, Final Order (Sept. 11, 2020).

## **II. Renewable Energy Generation and Renewable Energy Certificate Purchases, Sales, Retirements, Transfers, and Expirations**

### **A. RPS Compliance (Rule 572.19(A)(1) and (4) and 19(B))**

For the compliance year, SPS was required to have sufficient RECs equal to no less than 20 percent of its 2022 New Mexico retail jurisdictional energy sales. *See* Section 62-16-4(A)(2) of the REA; *see also* Rule 572.10(B)(2). SPS's compliance year New Mexico retail sales were 8,982,693 MWh, for a RPS requirement of 1,795,529 MWh after the reduction for voluntary program sales (Appendix A, page 1, Lines 1 and 5). SPS retired RECs that were either: (1) banked (*i.e.*, have not expired, been transferred to wholesale customers, sold, or retired for compliance with the RPS); and/or (2) generated in the compliance year to meet its overall RPS requirement.

Appendix A to the RPS Report provides the following information, by resource type: (1) RPS requirements; (2) banked RECs; (3) REC purchases; (4) REC sales; (5) REC transfers; and (6) REC expirations<sup>5</sup>. Pages 3 through 6 contain an itemization of all sales and a WREGIS-registered generation summary of all the sources from which SPS purchased or generated RECs in the compliance year as well as an itemization of ERCOT-registered RECs generated by the Hale wind facility<sup>6</sup> and ERCOT RECs purchased from the Palo Duro wind facility.

SPS purchased the renewable energy and RECs from the following renewable energy facilities:

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<sup>5</sup> SPS did not have any REC sales and no REC expirations during 2022.

<sup>6</sup> SPS received approval to retire RECs from the Hale and Sagamore wind facilities for New Mexico RPS compliance in Case No. 18-00201-UT.

- Caprock Wind Ranch (“Caprock”) – 80 megawatts (“MW”) installed capacity;
- San Juan Mesa Wind Project (“San Juan”) – 120 MW installed capacity;
- Mesalands Community College Wind Qualifying Facility (“QF”) (“Mesalands”) – 1.5 MW installed capacity;
- Sun Edison Solar purchased power agreements (“SunE PPAs”) – 50 MW installed capacity;
- Mammoth Plains Wind Project (“Mammoth”) - 199 MW installed capacity;
- Palo Duro Wind Project (“Palo Duro”) – 249 MW installed capacity;
- Roswell Solar - 70 MW installed capacity;
- Chaves Solar – 70 MW installed capacity; and
- customer-sited solar DG systems from SPS’s Solar\*Rewards program – 3.6868<sup>7</sup> MW AC.

SPS received RECs from the following owned renewable energy facilities:

- SPS owned and operated solar arrays at SPS’s Hobbs Service Center, Eastern New Mexico University-Roswell, Clovis High School, and PR Leyva Middle School in Carlsbad – 0.079 MW alternating current (“AC”); and
- SPS owned and operated the Hale and Sagamore wind facilities.

SPS did not purchase any RECs for RPS compliance separate from its renewable energy purchases.

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<sup>7</sup> As of December 31, 2022.

The following table summarizes all renewable energy generation and purchases, as well as all REC purchases, sales, transfers, retirements, and prior period adjustments made by SPS during the compliance year.

**Table 2: Itemized Renewable Energy Generation and REC Transactions**

Transaction Type	MWh
Beginning REC Balance	2,317,012
Plus:	
Hale Generated RECs (NM share)	758,880
Sagamore Generated RECs (NM share)	763,375
Caprock Purchases (net of Transfers to Wholesale Customers <sup>8</sup> )	294,167
San Juan Purchases (net of Transfers to Wholesale Customers)	227,660
Mesalands Purchases	631
Mammoth Plains Purchased RECs	286,972
Palo Duro Purchased RECs	366,709
SunEdison Solar Purchases	110,046
Chaves Purchased RECs	58,168
Roswell Purchased RECs	57,634
Company Owned Solar	144
DG - Solar Rewards	6,158
REC-only Purchases	0
Total Additions	2,930,544
Less:	

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<sup>8</sup> See Offer of Settlement, Golden Spread Electric Cooperative, Inc., et al. v. Southwestern Public Service Company, Docket No. EL05-19-000, et al., and Southwestern Public Service Company, Docket No. ER05-168-000, et al. (consolidated) and Southwestern Public Service Company, Docket No. ER06-274-000, et al. (not consolidated), 123 FERC 61,054, and Federal Energy Regulatory Commission Docket No. ER08-479, et al settlement agreement.

SPS follows standard voluntary reporting practices through The Climate Registry (TCR). SPS produces reports showing an adjusted residual mix. In regards to wholesale transfers, both the energy and RECs are transferred in equal proportions; accordingly, there would be no impact on SPS's retail customers or its reporting.

<b>Transaction Type</b>	<b>MWh</b>
REC Sales	0
Expiring RECs	0
RPS Compliance Requirement	1,795,529
Total Subtractions	1,795,529
Plus REC Adjustment from Prior Years	(5,135)
Annual Excess/(Deficiency)	1,129,880
<b>Net REC Balance</b>	<b>3,446,892</b>

Note: A REC adjustment of (5,134) was made as a result of a discrepancy discovered during an audit reconciliation of SPS's REC inventory. Remainder of adjustment is due to WREGIS corrections due to rounding for fractional generation (kWh metering vs. MWh REC measurement). Fractional MWh unit data is carried over into the next issuance period.

**B. REC Registration<sup>9</sup> (Rule 572.19(A)(2) and (3) and Rule 572.17(B) and(E))**

In compliance with the REA and Rules 572.19(A)(2) and (3), and 572.17(B) and (E), SPS registers all generators located in New Mexico in the WREGIS system, in addition, the RECs from the Roswell, Chaves and Mammoth Plains facilities are transferred into WREGIS by the facility owner. Monthly volumes of the RECs acquired, retired, or transferred are included as Appendix B. The documentation includes the WREGIS-assigned serial numbers for retired RECs.

In compliance with the REA and Rule 572.17(F), and as authorized in Case No. 19-00134-UT<sup>10</sup>, SPS registers the Hale facility in the ERCOT system. Additionally, the

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<sup>9</sup> SPS registers its RECs with WREGIS and ERCOT, demonstrating compliance with the REA, consistent with the requirements of Section 62-16-5(C).

<sup>10</sup> Case No. 19-00134-UT, *In the Matter of Southwestern Public Service Company's Application Requesting: (1) Acknowledgement of its Filing of the 2018 Annual Renewable Energy Portfolio Report; (2)*

RECs from the Palo Duro facility are transferred into ERCOT by the facility owner. Monthly volumes of the RECs acquired, retired, or transferred are also included on Appendix B. SPS also accounts for RECs purchased from Palo Duro in the ERCOT system. The documentation includes the information required for non-WREGIS registered RECs per Rule 572.17(B).

### **III. Voluntary Renewable Energy Tariff (Rule 572.19(A)(5))**

Beginning in 2021, SPS offered a voluntary renewable energy tariff, Solar\*Connect (Solar\*Connect Community Rate Rider – No. 76), to its New Mexico retail customers. SPS received approval for the new Solar\*Connect voluntary program to replace Windsource in Case No. 18-00308-UT<sup>11</sup>. *See* Rule 572.18. SPS purchases energy for its Solar\*Connect program from a 1.98 MW alternating current solar-powered generating facility via a purchased power agreement with SoCore Clovis 1 LLC (“SoCore”).

Per the Final Order in Case No. 18-00308-UT, SPS is required to annually file a revised Solar\*Connect Community Rate Rider and Solar\*Connect Credit based on updated avoided cost calculations in SPS’s July 1 Annual Renewable Energy

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*Approval of its Annual Renewable Energy Portfolio Procurement Plan for Plan Year 2020; (3) Approval of the Proposed Rate for its 2020 Renewable Portfolio Standard Rider; and (4) Other Associated Relief, Final Order (April 22, 2020).*

<sup>11</sup> Case No. 18-00308-UT, *In the Matter of Southwestern Public Service Company’s Application for: (1) Authorization to Establish the Voluntary Solar\*Connect Community Program (Solar\*Connect) and Enter into a Purchased Power Agreement for the Purchase of 1.98 MW of Nominal Solar Capacity and Associated Energy for Solar\*Connect; (2) Approval of the Proposed Methodology for Calculating and Annually Adjusting the Solar\*Connect Rate; and (3) Authorization to Flow Through All Solar\*Connect Costs and Revenues Through the Solar\*Connect Rider and its Fuel and Purchased Power Cost Adjustment Clause, Final Order (Sept. 11, 2020).*

Procurement Report beginning in 2020. The update includes: 1) the updated Solar\*Connect Credit for the upcoming calendar year; 2) the amount of subsidization by non-participants for the previous year; 3) the actual number of participants and the subscription levels for the previous year; 4) an analysis showing the level of cross-subsidization for the previous Solar\*Connect program year; 5) a summary of Solar\*Connect program performance in terms of actual participant numbers and subscription levels; 6) testimony, attachments, and all data supporting the Solar\*Connect premium for the upcoming calendar year; and 7) and Advice Notice for the updated Solar\*Connect Community Rate Rider, which will reflect the Solar\*Connect premium for the upcoming calendar year. Items 1), 6), and 7) are provided in SPS's 2024 RPS Plan and supported by direct testimony and attachments. Items 2), 3), 4), and 5) are reported below.

In 2022, 477 residential and 34 non-residential customers participated in the Solar\*Connect program with subscribed capacity of 1.431 MW and 0.339 MW, respectively as of December 31, 2022. The total subscriptions equal approximately 89% of the 1.98 MW facility. Solar\*Connect subscribers purchased 5,048 MWh of solar energy, while the SoCore facility generated 5,614 MWh. Both the costs and revenues associated with the Solar\*Connect program are accounted for through SPS's fuel and purchased power cost adjustment clause ("FPPCAC"), as authorized by the Commission in Case No. 18-00308-UT. The amount of subsidization by non-participants in 2022 was

\$7,513<sup>12</sup>. An analysis showing the level of cross-subsidization for 2022 is provided as Appendix G.

#### **IV. Cost Recovery (Rule 572.19(A)(6))**

In accordance with Rule 572.19(A)(6) and applicable Commission's orders, the following discussion summarizes the approved cost recovery mechanisms for SPS's approved renewable energy costs to meet its annual RPS requirements and details the annual costs incurred for each category. Please also refer to Appendix C, which provides an overview of SPS's RPS cost recovery methods and prior Commission approvals; Appendix D, which provides the costs incurred in the compliance year and the associated recovery mechanism; and Appendix E, which provides the reconciliation of the 2022 RPS Rider and the 2022 RPS Reconciliation Rider

##### **A. DG REC and Administrative Costs**

SPS incurred \$937,457 in DG-related costs in the compliance year (Appendix D, Line 24). SPS is currently collecting these costs through the RPS Rider approved in Case No. 12-00350-UT.<sup>13</sup>

##### **B. WREGIS Administrative Costs**

SPS incurred \$10,171 in WREGIS administrative costs in the compliance year (Appendix D, Line 28). SPS is currently collecting these costs through the RPS Rider.

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<sup>12</sup> Amount as a percentage of FPPCAC is 0.002127% (\$7,513 / \$353,143,553).

<sup>13</sup> Case No. 12-00350-UT, *In the Matter of Southwestern Public Service Company's Application for Revision of its Retail Rates Under Advice Notice No. 245*, Final Order Partially Adopting Recommended Decision (Mar. 26, 2014).



### **C. Wind Energy and REC Costs**

SPS recovered the costs associated with its two New Mexico wind contracts (Caprock and San Juan) through a combination of the FPPCAC (proportional allocation of energy charges) and the RPS Rider (REC costs). SPS also incurred energy costs from the Mesalands facility, a QF; and from the Mammoth and Palo Duro facilities, whose energy costs are also allocated among SPS's jurisdictions and collected through the FPPCAC. On a total company basis, \$67,791,174 was collected through its fuel clauses for energy costs related to the San Juan, Caprock, Mesalands, Mammoth and Palo Duro facilities (Appendix D, Column D, Line 8). Of this amount, New Mexico retail customers were assigned \$25,220,616 (Appendix D, Column E, Line 8). REC costs, recovered through the RPS Rider, were \$1,391,826 (Appendix D, Column F, Line 8).

### **D. SunE, Roswell, and Chaves Solar REC Costs**

The annual solar REC costs under the SunE, Roswell, and Chaves PPAs were \$60,525, \$31,790 and \$32,108 respectively; which were recovered through the RPS Rider (Appendix D, Line 17, Line 19 and Line 21).

### **E. SunE, Roswell, and Chaves Solar Energy and SunE Uneconomic Energy**

#### **Costs**

The avoided costs related to SPS's solar procurements under the SunE PPAs, that is, those costs that represent the conventional fuel and energy costs SPS will avoid due to such purchases (also referred to as "economic costs"), are passed through the FPPCAC and allocated among SPS's three jurisdictions based on relative energy share. The SunE uneconomic costs, or those costs above the avoided costs related to SPS's solar

procurements, are directly assigned to New Mexico retail customers and recovered through the RPS Rider. The energy costs from Roswell and Chaves are also allocated among SPS's jurisdictions and collected through the FPPCAC. For 2022, the SunE economic costs and Roswell and Chaves energy costs totaled \$22,438,066 (total company) or \$8,262,053 (New Mexico retail) (Appendix D, Line 22). The uneconomic costs associated with SunE were \$7,655,982 (New Mexico retail) (Appendix D, Line 16).

## **V. DG Payment Reconciliation**

In accordance with the Final Order in Case No. 15-00208-UT, SPS is providing Appendix F, which summarizes the monthly excess DG generation, the average estimated price paid, the actual price (based on the Southwest Power Pool's Integrated Marketplace), and a reconciliation of the cost on a quarterly basis for 2022.

## **VI. Additional DG Information**

In accordance with the Final Order in Case No. 18-00201-UT, SPS is updating the information in Section VI(B)(4) of the Recommended Decision about its DG REC purchase programs by providing the information below.

SPS pays incentives under several DG REC purchase tariffs that were originally proposed in Case No. 08-00222-UT to implement five tailored programs:

1. Rate No. 52 (Small Solar Distributed Generation Program)
2. Rate No. 53 (Medium Solar Distributed Generation Program)
3. Rate No. 54 (Large Solar Distributed Generation Program)
4. Rate No. 57 (Small SDG-REC Purchase Program)
5. Rate No. 58 (Medium SDG-REC Purchase Program)
6. Rate No. 62 (3rd Party Small Solar Distributed Generation Program)
7. Rate No. 63 (3rd Party Medium Solar Distributed Generation Program)

8. Rate No. 64 (3rd Party Large Solar Distributed Generation Program)
9. Rate No. 65 (3rd Party Small Biomass Distributed Generation Program)
10. Rate No. 66 (3rd Party Medium Biomass Distributed Generation Program)

Incentive rates and terms have changed over time under revised versions of tariffs. The following summarizes the current tariffs.

Rate No. 52, which applies to small solar systems, offers three incentive payments based on the combined nameplate rating of applications received by SPS for small systems. Under tier 1, customers receive a 13¢ per kWh incentive payment for 12 years until applications received reach a combined nameplate rating of 100 kW. Under tier 2, customers receive a 10¢ per kWh incentive payment for 12 years until applications received reach a combined nameplate rating of 200 kW. Under tier 3, customers receive an 8¢ per kWh incentive payment for 12 years until applications received reach a combined nameplate rating of 300 kW. All three tiers are fully subscribed; SPS pays no incentive to customers who have installed small solar systems after the tiers became fully subscribed.

Rate No. 53, which applies to medium solar systems, offers two incentive payments based on the combined nameplate rating of applications received by SPS for medium systems. Under tier 4, customers receive a 5¢ per kWh incentive payment for 10 years until applications received reach a combined nameplate rating of 500 kW. Under tier 5, customers receive a 4¢ per kWh incentive payment for 10 years until applications reach a combined nameplate capacity of 1,000 kW. Both tiers are fully subscribed; SPS pays no incentive to customers who have installed medium solar systems after the tiers became fully subscribed.

Rate No. 54 applies to large solar systems greater than 100 kW up to 2 MW.

Rate No. 62, which applies to small solar systems owned by a party other than a Customer (“3<sup>rd</sup> Party”), offers three incentive payments to the 3<sup>rd</sup> Party based on the combined nameplate rating of applications received by SPS for small 3<sup>rd</sup> Party systems. Under tier 1, customers receive a 13¢ per kWh incentive payment for 12 years, until

applications received reach a combined nameplate rating of 100 kW. Under tier 2, customers receive a 10¢ per kWh incentive payment for 12 years until applications reach a combined nameplate capacity of 200 kW. Under tier 3, customers receive an 8¢ per kWh incentive payment for 12 years until applications received reach a combined nameplate rating of 300 kW.

Rate No. 63, which applies to medium solar systems owned by a party other than a Customer (“3<sup>rd</sup> Party”), offers three incentive payments to the 3<sup>rd</sup> Party based on the combined nameplate rating of applications received by SPS for small 3<sup>rd</sup> Party systems. Under tier 1, customers receive a 13¢ per kWh incentive payment for 10 years, until applications received reach a combined nameplate rating of 500 kW. Under tier 2, customers receive a 10¢ per kWh incentive payment for 10 years until applications reach a combined nameplate capacity of 1,000 kW. Under tier 3, customers receive an 8¢ per kWh incentive payment for 10 years until applications received reach a combined nameplate rating of 1,500 kW.

Rate No. 64 applies to large solar systems greater than 100 kW up to 2 MW.

Rate Nos. 65 and 66 apply to 3<sup>rd</sup> Party Small and Medium Biomass Distributed Generation Programs. There are no customers under these programs.

The following table shows the number of customers participating in SPS’s solar REC purchase programs:

**Table 4**

<b>Program</b>	<b>Customer Count</b>
Small Solar	52
Medium Solar	45
Large Solar	1
<b>Total</b>	<b>98</b>

SPS expects to purchase 1,321 and 1,045 RECs under its DG REC purchase programs in 2024 and 2025, respectively. The following table shows the amounts that SPS expects to pay for RECs in 2024 and 2025.

**Table 5**

<b>Program</b>	<b>2024</b>	<b>2025</b>	<b>REC Payment</b>
<b>Small Solar:</b>			
Small Solar	\$12,640	\$12,577	\$ 0.08
Small Solar	\$7,335	\$492	\$ 0.10
Small Solar	\$1,807	\$0	\$ 0.13
Small Solar	\$32,314	\$13,172	\$ 0.20
<b>Medium Solar:</b>			
Medium Solar	\$8,678	\$4,008	\$ 0.05
Medium Solar	\$0	\$0	\$ 0.08
Medium Solar	\$0	\$0	\$ 0.10
Medium Solar	\$0	\$0	\$ 0.13
Medium Solar	\$0	\$0	\$ 0.17
Medium Solar	\$35,264	\$35,088	\$ 0.20
<b>Large Solar:</b>			
Large Solar	\$56,392	\$56,110	\$ 0.10
<b>Total</b>	<b>\$154,430</b>	<b>\$121,447</b>	

## VII. Coal-Fired Generating Facilities (Rule 572.19(B)(5))

In accordance with Rule 572.19(B)(5), the 2022 kWh generation by facility from coal-fired generating facilities allocated to New Mexico Retail Customers is:

	<u>Harrington Station</u>	<u>Tolk Station</u>
Net Generation, exclusive of plant use (kWh) <sup>14</sup>	4,831,506,000	2,482,334,000
Annual Average System Allocator <sup>15</sup>	<u>37.195%</u>	<u>37.195%</u>
Calculated Allocation to New Mexico Retail (kWh)	1,797,078,656	923,304,131

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<sup>14</sup> 2022 FERC Form 1, pages 402-403.

<sup>15</sup> Based on Annual Average.

**Southwestern Public Service Company**  
**Appendix A: Summary of Renewable Energy Generation and REC Transactions (in MWh)**  
**For Calendar Year 2022**

Line No.	Description	Total
1	2022 NM Retail Sales	8,982,693
2	Less Voluntary Program Sales (Solar*Connect)	5,048
3	Net 2020 NM Retail Sales	8,977,645
4	Overall RPS Requirement (%)	20%
5	RPS Obligation (L3 * L4)	1,795,529
6	Beginning REC Balance	2,317,012
7	<b>Generation (NM REC Allocation):</b>	
8	<b><u>Wind</u></b>	
9	Hale	758,880
10	Sagamore	763,375
11	Caprock Generation	294,167
12	San Juan Generation	227,660
13	Mesalands Generation	631
14	Mammoth Plains	286,972
15	Palo Duro	366,709
16	<b><u>Solar</u></b>	
17	SunEdison Solar Generation	110,046
18	Chaves	58,168
19	Roswell	57,634
20	<b><u>Distributed Generation</u></b>	
21	Company Owned Solar Generation	144
22	SolarRewards	6,158
23	Total Annual Generation (Sum L9 : L22)	2,930,544
24	Less REC Sales (all vintages) (Page 3)	-
25	Less Expiring RECs	-
26	Less Annual RPS Obligation (L5)	1,795,529
27	REC Adjustments from Prior Years <sup>1</sup>	(5,135)
28	Annual Excess/(Deficiency) (L23 - L24 - L25- L26 + L27)	1,129,880
29	Cumulative Excess/(Deficiency) (L6 + L28)	3,446,892

**Notes:**

<sup>1</sup> A REC adjustment of (5,134) was made as a result of a discrepancy discovered during an audit reconciliation of SPS's REC inventory. Remainder of adjustment is due to WREGIS corrections due to rounding for fractional generation (kWh metering vs. MWh REC measurement). Fractional MWh unit data is carried over into the next issuance period.

**Southwestern Public Service Company  
Appendix A: REC Sales Itemization  
For Calendar Year 2022 Transactions**

<b>Line No.</b>	<b>Transaction</b>	<b>MWh</b>	<b>Generator</b>	<b>Vintage</b>
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Note: SPS had no REC sales in 2022.



Southwestern Public Service Company  
Appendix A: WREGIS Generation Summary (MWh)  
For Calendar Year 2022

Line No.	Fuel Source	WREGIS GU ID	Generator Plant-Unit Name	State	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
1	Wind	W1026	Mesalands Community College - Mesalands	NM	33.66	69.36	173.65	381.01	329.98	114.87
2	Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	27,522.00	24,572.50	28,044.60	32,606.80	31,589.50	26,732.10
3	Wind	W802	Caprock Wind Farm - Caprock Wind Farm2	NM						
4	Wind	W803	San Juan Mesa - San Juan Mesa	NM	18,688.20	17,217.40	16,258.20	23,739.60	23,931.00	22,633.10
5	Wind	W10907	Sagamore Wind*	NM	176,313.00	163,960.00	189,346.00	192,521.00	198,028.00	188,590.00
6	CO Solar	W1337	Hobbs Service Center - Hobbs Solar	NM	2.20	3.85	3.83	4.09	4.40	3.17
7	CO Solar	W1653	ENMU - Roswell - PV Demonstration	NM	3.57	3.74	4.15	3.89	3.89	3.53
8	CO Solar	W1820	Clovis High School - PV System	NM	1.97	2.62	2.97	3.48	3.89	2.93
9	CO Solar	W1913	PR Leyva Middle School - PV	NM	1.96	2.20	2.81	2.73	3.08	2.59
10	PPA Solar	W2293	SunE SPS1 - SPS1 Dollarhide	NM	1,396.42	1,579.81	2,158.29	2,400.56	2,454.22	2,408.57
11	PPA Solar	W2294	SunE SPS2 - SPS2 Jal	NM	1,405.59	1,589.39	2,129.01	2,374.14	2,510.57	2,328.38
12	PPA Solar	W2295	SunE SPS3 - SPS3 Lea	NM	1,223.65	1,454.09	1,952.26	2,126.27	2,297.95	2,200.75
13	PPA Solar	W2296	SunE SPS4 - SPS4 Monument	NM	1,466.33	1,627.44	2,158.90	2,492.08	2,606.98	2,431.29
14	PPA Solar	W2297	SunE SPS5, LLC - SPS5 Hopi	NM	1,354.62	1,443.30	1,889.56	2,315.32	2,364.27	2,099.67
15	DG Solar	W2032	SRNM RFP - Haley Farms	NM	58.56	40.48	37.60	37.28	44.64	49.76
16	DG Solar	W1527	SRNM2009-J-01 - SRNM2009-J-01	NM	0.00	0.00	0.00	0.00	0.00	0.00
17	DG Solar	W1563	SRNM2010-I-01 - SRNM2010-I-01	NM	0.00	0.00	0.00	0.00	0.00	0.00
18	DG Solar	W2019	SRNM2010-I-02 - SRNM2010-I-02	NM	0.00	0.00	0.00	0.00	0.00	0.00
19	DG Solar	W2020	SRNM2010-I-03 - SRNM2010-I-03	NM	0.00	0.00	0.00	0.00	0.00	0.00
20	DG Solar	W2021	SRNM2010-I-04 - SRNM2010-I-04	NM	0.00	0.00	0.00	0.00	0.00	0.00
21	DG Solar	W2022	SRNM2010-I-05 - SRNM2010-I-05	NM	0.00	0.00	0.00	0.00	0.00	0.00
22	DG Solar	W2023	SRNM2010-I-06 - SRNM2010-I-06	NM	0.00	0.00	0.00	0.00	0.00	0.00
23	DG Solar	W2024	SRNM2010-I-07 - SRNM2010-I-07	NM	0.00	0.00	0.00	0.00	0.00	0.00
24	DG Solar	W2025	SRNM2010-I-08 - SRNM2010-I-08	NM	0.00	0.00	0.00	0.00	0.00	0.00
25	DG Solar	W2026	SRNM2010-I-09 - SRNM2010-I-09	NM	0.00	0.00	0.00	0.00	0.00	0.00
26	DG Solar	W1564	SRNM2010-J-01 - SRNM2010-J-01	NM	0.00	0.00	0.00	0.00	0.00	0.00
27	DG Solar	W2027	SRNM2011-I-01 - SRNM2011-I-01	NM	0.00	0.00	0.00	0.00	0.00	0.00
28	DG Solar	W2537	SRNM2011-I-02 - SRNM2011-I-02	NM	0.00	0.00	0.00	0.00	0.00	0.00
29	DG Solar	W2028	SRNM2011-J-01 - SRNM2011-J-01	NM	0.00	0.00	0.00	0.00	0.00	0.00

Southwestern Public Service Company  
Appendix A: WREGIS Generation Summary (MWh)  
For Calendar Year 2022

Line No.	Fuel Source	WREGIS GUID	Generator Plant-Unit Name	State	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	2022 Total
1	Wind	W1026	Mesalands Community College - Mesalands	NM	15.33	0.00	159.42	112.59	124.91	174.24	1,689.02
2	Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	18,941.20	16,714.30	25,257.70	21,923.30	28,838.17	33,195.38	315,937.54
3	Wind	W802	Caprock Wind Farm - Caprock Wind Farm2	NM							-
4	Wind	W803	San Juan Mesa - San Juan Mesa	NM	20,844.10	15,624.80	18,597.07	15,101.57	26,382.65	25,323.24	244,340.93
5	Wind	W10907	Sagamore Wind*	NM	142,050.00	99,625.60	154,819.66	149,655.53	193,800.02	198,628.66	2,047,337.47
6	CO Solar	W1337	Hobbs Service Center - Hobbs Solar	NM	3.60	3.35	1.92	3.24	3.04	2.22	38.91
7	CO Solar	W1653	ENMU - Roswell - PV Demonstration	NM	4.24	3.33	4.20	3.69	3.57	2.49	44.29
8	CO Solar	W1820	Clovis High School - PV System	NM	3.52	2.65	2.98	1.99	2.03	1.65	32.68
9	CO Solar	W1913	PR Leyva Middle School - PV	NM	2.57	2.31	2.16	2.01	1.75	1.93	28.10
10	PPA Solar	W2293	SunE SPS1 - SPS1 Dollarhide	NM	2,412.72	1,931.38	2,062.40	1,668.72	1,298.67	1,193.61	22,965.37
11	PPA Solar	W2294	SunE SPS2 - SPS2 Jal	NM	2,345.71	1,824.02	1,945.74	1,548.91	1,250.67	1,190.84	22,442.97
12	PPA Solar	W2295	SunE SPS3 - SPS3 Lea	NM	2,142.66	1,671.43	1,792.96	1,417.67	1,090.79	931.91	20,302.38
13	PPA Solar	W2296	SunE SPS4 - SPS4 Monument	NM	2,459.20	1,972.97	1,957.27	1,585.64	1,254.56	1,176.20	23,188.87
14	PPA Solar	W2297	SunE SPS5, LLC - SPS5 Hopi	NM	2,286.59	1,861.27	1,846.86	1,437.36	1,187.23	1,059.96	21,146.00
15	DG Solar	W2032	SRNM RFP - Haley Farms	NM	62.40	47.70	53.00	40.80	53.10	44.30	569.62
16	DG Solar	W1527	SRNM2009-J-01 - SRNM2009-J-01	NM	0.00	0.00	0.00	0.00	0.00	5.27	5.27
17	DG Solar	W1563	SRNM2010-I-01 - SRNM2010-I-01	NM	0.00	0.00	0.00	0.00	0.00	0.00	-
18	DG Solar	W2019	SRNM2010-I-02 - SRNM2010-I-02	NM	0.00	0.00	0.00	0.00	0.00	0.00	-
19	DG Solar	W2020	SRNM2010-I-03 - SRNM2010-I-03	NM	0.00	0.00	0.00	0.00	0.00	178.10	178.10
20	DG Solar	W2021	SRNM2010-I-04 - SRNM2010-I-04	NM	0.00	0.00	0.00	0.00	0.00	0.00	-
21	DG Solar	W2022	SRNM2010-I-05 - SRNM2010-I-05	NM	0.00	0.00	0.00	0.00	0.00	0.00	-
22	DG Solar	W2023	SRNM2010-I-06 - SRNM2010-I-06	NM	0.00	0.00	0.00	0.00	0.00	0.00	-
23	DG Solar	W2024	SRNM2010-I-07 - SRNM2010-I-07	NM	0.00	0.00	0.00	0.00	0.00	0.00	-
24	DG Solar	W2025	SRNM2010-I-08 - SRNM2010-I-08	NM	0.00	0.00	0.00	0.00	0.00	0.00	-
25	DG Solar	W2026	SRNM2010-I-09 - SRNM2010-I-09	NM	0.00	0.00	0.00	0.00	0.00	0.00	-
26	DG Solar	W1564	SRNM2010-J-01 - SRNM2010-J-01	NM	0.00	0.00	0.00	0.00	0.00	89.42	89.42
27	DG Solar	W2027	SRNM2011-I-01 - SRNM2011-I-01	NM	0.00	0.00	0.00	0.00	0.00	0.00	-
28	DG Solar	W2537	SRNM2011-I-02 - SRNM2011-I-02	NM	0.00	0.00	0.00	0.00	0.00	0.00	-
29	DG Solar	W2028	SRNM2011-J-01 - SRNM2011-J-01	NM	0.00	0.00	0.00	0.00	0.00	100.46	100.46

Southwestern Public Service Company  
Appendix A: WREGIS Generation Summary (MWh)  
For Calendar Year 2022

Line No.	WREGIS		Generator Plant-Unit Name	State	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
	Fuel Source	GU ID								
30	DG Solar	W2946	SRNM2012-I-01 - SRNM2012-I-01	NM	0.00	0.00	0.00	0.00	0.00	0.00
31	DG Solar	W2731	SRNM2012-J-01 - SRNM2012-J-01	NM	0.00	0.00	0.00	0.00	0.00	0.00
32	DG Solar	W3465	SRNM2013-I-01 - SRNM2013-I-01	NM	0.00	0.00	0.00	0.00	0.00	0.00
33	DG Solar	W3605	SRNM2013-I-02 - SRNM2013-I-02	NM	0.00	0.00	0.00	0.00	0.00	0.00
34	DG Solar	W3606	SRNM2013-I-03 - SRNM2013-I-03	NM	0.00	0.00	0.00	0.00	0.00	0.00
35	DG Solar	W3607	SRNM2013-I-04 - SRNM2013-I-04	NM	0.00	0.00	0.00	0.00	0.00	0.00
36	DG Solar	W3608	SRNM2013-I-05 - SRNM2013-I-05	NM	0.00	0.00	0.00	0.00	0.00	0.00
37	DG Solar	W3609	SRNM2013-I-06 - SRNM2013-I-06	NM	0.00	0.00	0.00	0.00	0.00	0.00
38	DG Solar	W3610	SRNM2013-I-07 - SRNM2013-I-07	NM	0.00	0.00	0.00	0.00	0.00	0.00
39	DG Solar	W3611	SRNM2013-I-08 - SRNM2013-I-08	NM	0.00	0.00	0.00	0.00	0.00	0.00
40	DG Solar	W3612	SRNM2013-I-09 - SRNM2013-I-09	NM	0.00	0.00	0.00	0.00	0.00	0.00
41	DG Solar	W3613	SRNM2013-I-10 - SRNM2013-I-10	NM	0.00	0.00	0.00	0.00	0.00	0.00
42	DG Solar	W3614	SRNM2013-I-11 - SRNM2013-I-11	NM	0.00	0.00	0.00	0.00	0.00	0.00
43	DG Solar	W3615	SRNM2013-I-12 - SRNM2013-I-12	NM	0.00	0.00	0.00	0.00	0.00	0.00
44	DG Solar	W3616	SRNM2013-I-13 - SRNM2013-I-13	NM	0.00	0.00	0.00	0.00	0.00	0.00
45	DG Solar	W3617	SRNM2013-I-14 - SRNM2013-I-14	NM	0.00	0.00	0.00	0.00	0.00	0.00
46	DG Solar	W3618	SRNM2013-I-15 - SRNM2013-I-15	NM	0.00	0.00	0.00	0.00	0.00	0.00
47	DG Solar	W3619	SRNM2013-I-16 - SRNM2013-I-16	NM	0.00	0.00	0.00	0.00	0.00	0.00
48	DG Solar	W4389	SRNM2014-I-01 - SRNM2014-I-01	NM	0.00	0.00	0.00	0.00	0.00	0.00
49	DG Solar	W4079	SRNM2014-J-01 - SRNM2014-J-01	NM	0.00	0.00	0.00	0.00	0.00	0.00
			<b>Subtotal</b>		<b>229,471.73</b>	<b>213,566.18</b>	<b>244,161.83</b>	<b>261,008.25</b>	<b>266,172.37</b>	<b>249,600.71</b>
50	REC Purchases Under PPAs:									
51	Solar	W5529	Chaves County Solar - Chaves County Solar	NM	3,659.00	4,116.00	4,598.00	5,787.00	6,824.00	6,155.00
52	Solar	W5062	Roswell Solar - Roswell Solar	NM	3,515.00	3,985.00	4,470.00	5,816.00	6,714.00	5,966.00
53	Solar*Connect	W11259	SoCore Clovis - SoCore Clovis	NM	336.61	420.24	529.14	623.30	624.00	569.58
54	REC Purchases Under PPAs:									
55	Wind	IMP4387	IMP - Mammoth Plains Wind Project Holdings, LLC - 6264	OK	24,303.00	25,802.00	30,164.00	31,074.00	27,705.00	21,377.00
			<b>ERCOT</b>							
Fuel Source	ID	Generator Plant-Unit Name	State	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	
56	Wind	1411	Hale Wind*	TX	179,706.52	173,704.70	194,680.64	214,820.39	217,301.99	183,860.95
57	Wind	226	Palo Duro Wind Energy, LLC	TX	28,461.12	30,319.32	35,771.27	37,732.08	35,603.58	35,524.56

\* Total Company before allocation to NM Jurisdiction.

Southwestern Public Service Company  
Appendix A: WREGIS Generation Summary (MWh)  
For Calendar Year 2022

Line No.	Fuel Source	WREGIS GU ID	Generator Plant-Unit Name	State	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	2022 Total
30	DG Solar	W2946	SRNM2012-I-01 - SRNM2012-I-01	NM	0.00	0.00	0.00	0.00	0.00	214.16	214.16
31	DG Solar	W2731	SRNM2012-J-01 - SRNM2012-J-01	NM	0.00	0.00	0.00	0.00	0.00	136.43	136.43
32	DG Solar	W3465	SRNM2013-I-01 - SRNM2013-I-01	NM	0.00	0.00	0.00	0.00	0.00	384.01	384.01
33	DG Solar	W3605	SRNM2013-I-02 - SRNM2013-I-02	NM	0.00	0.00	0.00	0.00	0.00	353.57	353.57
34	DG Solar	W3606	SRNM2013-I-03 - SRNM2013-I-03	NM	0.00	0.00	0.00	0.00	0.00	332.40	332.40
35	DG Solar	W3607	SRNM2013-I-04 - SRNM2013-I-04	NM	0.00	0.00	0.00	0.00	0.00	441.64	441.64
36	DG Solar	W3608	SRNM2013-I-05 - SRNM2013-I-05	NM	0.00	0.00	0.00	0.00	0.00	341.12	341.12
37	DG Solar	W3609	SRNM2013-I-06 - SRNM2013-I-06	NM	0.00	0.00	0.00	0.00	0.00	315.33	315.33
38	DG Solar	W3610	SRNM2013-I-07 - SRNM2013-I-07	NM	0.00	0.00	0.00	0.00	0.00	358.91	358.91
39	DG Solar	W3611	SRNM2013-I-08 - SRNM2013-I-08	NM	0.00	0.00	0.00	0.00	0.00	341.29	341.29
40	DG Solar	W3612	SRNM2013-I-09 - SRNM2013-I-09	NM	0.00	0.00	0.00	0.00	0.00	355.61	355.61
41	DG Solar	W3613	SRNM2013-I-10 - SRNM2013-I-10	NM	0.00	0.00	0.00	0.00	0.00	360.54	360.54
42	DG Solar	W3614	SRNM2013-I-11 - SRNM2013-I-11	NM	0.00	0.00	0.00	0.00	0.00	253.70	253.70
43	DG Solar	W3615	SRNM2013-I-12 - SRNM2013-I-12	NM	0.00	0.00	0.00	0.00	0.00	348.57	348.57
44	DG Solar	W3616	SRNM2013-I-13 - SRNM2013-I-13	NM	0.00	0.00	0.00	0.00	0.00	173.05	173.05
45	DG Solar	W3617	SRNM2013-I-14 - SRNM2013-I-14	NM	0.00	0.00	0.00	0.00	0.00	0.00	-
46	DG Solar	W3618	SRNM2013-I-15 - SRNM2013-I-15	NM	0.00	0.00	0.00	0.00	0.00	93.65	93.65
47	DG Solar	W3619	SRNM2013-I-16 - SRNM2013-I-16	NM	0.00	0.00	0.00	0.00	0.00	17.25	17.25
48	DG Solar	W4389	SRNM2014-I-01 - SRNM2014-I-01	NM	0.00	0.00	0.00	0.00	0.00	186.29	186.29
49	DG Solar	W4079	SRNM2014-J-01 - SRNM2014-J-01	NM	0.00	0.00	0.00	0.00	0.00	207.73	207.73
<b>Subtotal</b>					<b>193,573.84</b>	<b>141,285.11</b>	<b>208,503.34</b>	<b>194,503.02</b>	<b>255,291.15</b>	<b>268,515.12</b>	<b>2,725,652.64</b>
50	REC Purchases Under PPAs:										
51	Solar	W5529	Chaves County Solar - Chaves County Solar	NM	7,185.00	5,283.00	5,549.00	3,301.00	3,011.00	2,700.00	58,168
52	Solar	W5062	Roswell Solar - Roswell Solar	NM	7,112.00	5,310.00	5,611.00	3,391.00	3,043.00	2,701.00	57,634
53	Solar*Connect	W11259	SoCore Clovis - SoCore Clovis	NM	589.64	483.56	508.89	332.03	293.98	303.61	5,614.57
54	REC Purchases Under PPAs:										
55	Wind	IMP4387	IMP - Mammoth Plains Wind Project Holdings, LLC - 6264	OK	20,332.00	16,612.00	19,577.00	20,011.00	26,713.00	23,302.00	286,972.00
<b>ERCOT</b>											
Fuel Source	ID	Generator Plant-Unit Name	State	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Total	
56	Wind	1411	Hale Wind*	TX	139,701.29	97,142.90	132,718.47	136,114.94	187,244.14	181,342.36	2,038,339.27
57	Wind	226	Palo Duro Wind Energy, LLC	TX	28,203.33	22,617.65	27,733.50	20,032.20	29,603.50	35,107.29	366,709.40

\* Total Company before allocation to NM Jurisdiction.

Southwestern Public Service Company  
WREGIS REC Issuance  
Calendar Year 2022

WREGIS ID	Generator Name	Fuel Type	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Total 2022 RECs
W801	Caprock Wind Farm - Caprock Wind Farm	Wind	20,642	18,429	21,033	24,456	23,692	20,049	14,206	12,536	18,943	16,443	21,628	24,897	236,954
W802	Caprock Wind Farm - Caprock Wind Farm2	Wind	6,881	6,143	7,011	8,152	7,897	6,683	4,735	4,179	6,314	5,481	7,210	8,299	78,985
W1820	Clovis High School - PV System	Solar	2	2	3	4	4	3	4	2	3	2	2	2	33
W1653	ENMU - Roswell - PV Demonstration	Solar	4	4	4	4	4	3	4	4	4	3	4	3	45
W1337	Hobbs Service Center - Hobbs Solar	Solar	3	4	3	4	5	3	4	3	2	3	3	2	39
W1026	Mesalands Community College - Mesalands	Wind	33	70	173	381	330	115	15	0	160	112	125	175	1,689
W1913	PR Leyva Middle School - PV	Solar	2	2	3	3	3	2	3	2	2	2	2	2	28
W10907	Sagamore Wind Farm	Wind	176,314	163,960	189,346	192,520	198,029	188,589	142,050	99,626	154,820	149,655	193,800	198,629	2,047,338
W11259	SoCore Clovis - SoCore Clovis	Solar	337	420	529	623	624	570	590	483	509	332	294	303	5,614
W803	San Juan Mesa - San Juan Mesa	Wind	18,688	17,218	16,258	23,739	23,931	22,634	20,844	15,624	18,597	15,102	26,383	25,323	244,341
W2032	SRNM RFP - Haley Farms	Solar	59	40	38	37	44	50	63	48	53	41	53	44	570
W1527	SRNM2009-J-01 - SRNM2009-J-01	Solar	0	0	0	0	0	0	0	0	0	0	0	6	6
W1563	SRNM2010-I-01 - SRNM2010-I-01	Solar	0	0	0	0	0	0	0	0	0	0	0	0	0
W2019	SRNM2010-I-02 - SRNM2010-I-02	Solar	0	0	0	0	0	0	0	0	0	0	0	0	0
W2020	SRNM2010-I-03 - SRNM2010-I-03	Solar	0	0	0	0	0	0	0	0	0	0	0	178	178
W2021	SRNM2010-I-04 - SRNM2010-I-04	Solar	0	0	0	0	0	0	0	0	0	0	0	0	0
W2022	SRNM2010-I-05 - SRNM2010-I-05	Solar	0	0	0	0	0	0	0	0	0	0	0	0	0
W2023	SRNM2010-I-06 - SRNM2010-I-06	Solar	0	0	0	0	0	0	0	0	0	0	0	0	0
W2024	SRNM2010-I-07 - SRNM2010-I-07	Solar	0	0	0	0	0	0	0	0	0	0	0	0	0
W2025	SRNM2010-I-08 - SRNM2010-I-08	Solar	0	0	0	0	0	0	0	0	0	0	0	0	0
W2026	SRNM2010-I-09 - SRNM2010-I-09	Solar	0	0	0	0	0	0	0	0	0	0	0	0	0
W1564	SRNM2010-J-01 - SRNM2010-J-01	Solar	0	0	0	0	0	0	0	0	0	0	0	90	90
W2027	SRNM2011-I-01 - SRNM2011-I-01	Solar	0	0	0	0	0	0	0	0	0	0	0	0	0
W2537	SRNM2011-I-02 - SRNM2011-I-02	Solar	0	0	0	0	0	0	0	0	0	0	0	0	0
W2028	SRNM2011-J-01 - SRNM2011-J-01	Solar	0	0	0	0	0	0	0	0	0	0	0	100	100
W2946	SRNM2012-I-01 - SRNM2012-I-01	Solar	0	0	0	0	0	0	0	0	0	0	0	214	214
W2731	SRNM2012-J-01 - SRNM2012-J-01	Solar	0	0	0	0	0	0	0	0	0	0	0	136	136
W3465	SRNM2013-I-01 - SRNM2013-I-01	Solar	0	0	0	0	0	0	0	0	0	0	0	384	384
W3605	SRNM2013-I-02 - SRNM2013-I-02	Solar	0	0	0	0	0	0	0	0	0	0	0	354	354
W3606	SRNM2013-I-03 - SRNM2013-I-03	Solar	0	0	0	0	0	0	0	0	0	0	0	332	332
W3607	SRNM2013-I-04 - SRNM2013-I-04	Solar	0	0	0	0	0	0	0	0	0	0	0	441	441
W3608	SRNM2013-I-05 - SRNM2013-I-05	Solar	0	0	0	0	0	0	0	0	0	0	0	341	341
W3609	SRNM2013-I-06 - SRNM2013-I-06	Solar	0	0	0	0	0	0	0	0	0	0	0	316	316
W3610	SRNM2013-I-07 - SRNM2013-I-07	Solar	0	0	0	0	0	0	0	0	0	0	0	359	359
W3611	SRNM2013-I-08 - SRNM2013-I-08	Solar	0	0	0	0	0	0	0	0	0	0	0	341	341
W3612	SRNM2013-I-09 - SRNM2013-I-09	Solar	0	0	0	0	0	0	0	0	0	0	0	356	356
W3613	SRNM2013-I-10 - SRNM2013-I-10	Solar	0	0	0	0	0	0	0	0	0	0	0	361	361
W3614	SRNM2013-I-11 - SRNM2013-I-11	Solar	0	0	0	0	0	0	0	0	0	0	0	253	253
W3615	SRNM2013-I-12 - SRNM2013-I-12	Solar	0	0	0	0	0	0	0	0	0	0	0	349	349
W3616	SRNM2013-I-13 - SRNM2013-I-13	Solar	0	0	0	0	0	0	0	0	0	0	0	173	173
W3617	SRNM2013-I-14 - SRNM2013-I-14	Solar	0	0	0	0	0	0	0	0	0	0	0	0	0
W3618	SRNM2013-I-15 - SRNM2013-I-15	Solar	0	0	0	0	0	0	0	0	0	0	0	94	94
W3619	SRNM2013-I-16 - SRNM2013-I-16	Solar	0	0	0	0	0	0	0	0	0	0	0	17	17
W4389	SRNM2014-I-01 - SRNM2014-I-01	Solar	0	0	0	0	0	0	0	0	0	0	0	186	186
W4079	SRNM2014-J-01 - SRNM2014-J-01	Solar	0	0	0	0	0	0	0	0	0	0	0	208	208
W2293	SunE SPS1 - SPS1 Dollarhide	Solar	1,396	1,580	2,158	2,401	2,454	2,409	2,412	1,932	2,062	1,669	1,299	1,193	22,965
W2294	SunE SPS2 - SPS2 Jal	Solar	1,405	1,590	2,129	2,374	2,511	2,328	2,346	1,824	1,945	1,549	1,251	1,191	22,443
W2295	SunE SPS3 - SPS3 Lea	Solar	1,223	1,454	1,953	2,126	2,298	2,200	2,143	1,672	1,793	1,418	1,090	932	20,302
W2296	SunE SPS4 - SPS4 Monument	Solar	1,466	1,628	2,159	2,492	2,607	2,431	2,459	1,973	1,957	1,586	1,255	1,176	23,189
W2297	SunE SPS5, LLC - SPS5 Hopi	Solar	1,355	1,443	1,890	2,315	2,364	2,100	2,286	1,862	1,847	1,437	1,187	1,060	21,146
	SUM		229,810	213,987	244,690	261,631	266,797	250,169	194,164	141,770	209,011	194,835	255,586	268,820	2,731,270
															2,731,267.21

ID	FacilityName	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Total
IMP4387	IMP - Mammoth Plains Wind Project Holdings, LLC - 62 Wind	24,303	25,802	30,164	31,074	27,705	21,377	20,332	16,612	19,577	20,011	26,713	23,302	286,972
W5529	Chaves County Solar - Chaves County Solar	3,659	4,116	4,598	5,787	6,824	6,155	7,185	5,283	5,549	3,301	3,011	2,700	58,168
W5062	Roswell Solar - Roswell Solar	3,515	3,985	4,470	5,816	6,714	5,966	7,112	5,310	5,611	3,391	3,043	2,701	57,634
<b>Total</b>		<b>31,477.00</b>	<b>33,903.00</b>	<b>39,232.00</b>	<b>42,677.00</b>	<b>41,243.00</b>	<b>33,498.00</b>	<b>34,629.00</b>	<b>27,205.00</b>	<b>30,737.00</b>	<b>26,703.00</b>	<b>32,767.00</b>	<b>28,703.00</b>	<b>402,774.00</b>

**TOTAL WREGIS NM RECs 3,134,044**



Southwestern Public Service Company  
WREGIS REC Transfers  
Calendar Year 2022

Date Started	Source Org	Transaction Type	Source Account	Fuel Type	WREGIS GU ID	Facility Name	Generator Location	Vintage	Notes	Serial Numbers	Quantity
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W1026	Mesalands Community College - Mesalands	NM	1/1/2022	CVEC - 2022	1026-NM-545048-1	1
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	1/1/2022	CVEC - 2022	10907-NM-550816-	4,367
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	1/1/2022	CVEC - 2022	801-NM-549884-15	682
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W803	San Juan Mesa - San Juan Mesa	NM	1/1/2022	CVEC - 2022	803-NM-548145-18	463
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W1026	Mesalands Community College - Mesalands	NM	2/1/2022	CVEC - 2022	1026-NM-552829-2	2
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	2/1/2022	CVEC - 2022	10907-NM-558988-	4,061
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	2/1/2022	CVEC - 2022	801-NM-558072-17	609
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W803	San Juan Mesa - San Juan Mesa	NM	2/1/2022	CVEC - 2022	803-NM-556357-16	426
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W1026	Mesalands Community College - Mesalands	NM	3/1/2022	CVEC - 2022	1026-NM-560877-7	5
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	3/1/2022	CVEC - 2022	10907-NM-567354-	5,171
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	3/1/2022	CVEC - 2022	801-NM-566488-20	766
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W803	San Juan Mesa - San Juan Mesa	NM	3/1/2022	CVEC - 2022	803-NM-564754-15	444
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W1026	Mesalands Community College - Mesalands	NM	4/1/2022	CVEC - 2022	1026-NM-569209-1	10
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	4/1/2022	CVEC - 2022	10907-NM-575463-	5,287
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	4/1/2022	CVEC - 2022	801-NM-574585-23	895
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W803	San Juan Mesa - San Juan Mesa	NM	4/1/2022	CVEC - 2022	803-NM-572937-23	652
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W1026	Mesalands Community College - Mesalands	NM	5/1/2022	CVEC - 2022	1026-NM-577955-1	8
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	5/1/2022	CVEC - 2022	10907-NM-584255-	4,998
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	5/1/2022	CVEC - 2022	801-NM-583435-22	797
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W803	San Juan Mesa - San Juan Mesa	NM	5/1/2022	CVEC - 2022	803-NM-581596-23	604
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W1026	Mesalands Community College - Mesalands	NM	6/1/2022	CVEC - 2022	1026-NM-592806-4	2
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	6/1/2022	CVEC - 2022	10907-NM-592560-	2,470
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	6/1/2022	CVEC - 2022	801-NM-592592-19	350
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W803	San Juan Mesa - San Juan Mesa	NM	6/1/2022	CVEC - 2022	803-NM-592903-22	296
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W1026	Mesalands Community College - Mesalands	NM	7/1/2022	CVEC - 2022	1026-NM-07-2022-	1
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	7/1/2022	CVEC - 2022	10907-NM-07-2022	1,741
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	7/1/2022	CVEC - 2022	801-NM-07-2022-8	232
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W803	San Juan Mesa - San Juan Mesa	NM	7/1/2022	CVEC - 2022	803-NM-07-2022-D	255
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	8/1/2022	CVEC - 2022	10907-NM-08-2022	1,279
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	8/1/2022	CVEC - 2022	801-NM-08-2022-1	215
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W803	San Juan Mesa - San Juan Mesa	NM	8/1/2022	CVEC - 2022	803-NM-08-2022-E	201
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W1026	Mesalands Community College - Mesalands	NM	9/1/2022	CVEC - 2022	1026-NM-09-2022-	2
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	9/1/2022	CVEC - 2022	10907-NM-09-2022	2,106
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	9/1/2022	CVEC - 2022	801-NM-09-2022-1	344
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W803	San Juan Mesa - San Juan Mesa	NM	9/1/2022	CVEC - 2022	803-NM-09-2022-B	253
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W1026	Mesalands Community College - Mesalands	NM	10/1/2022	CVEC - 2022	1026-NM-10-2022-	2
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	10/1/2022	CVEC - 2022	10907-NM-10-2022	2,290
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	10/1/2022	CVEC - 2022	801-NM-10-2022-A	335
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W803	San Juan Mesa - San Juan Mesa	NM	10/1/2022	CVEC - 2022	803-NM-10-2022-0	231
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W1026	Mesalands Community College - Mesalands	NM	11/1/2022	CVEC - 2022	1026-NM-11-2022-	2
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	11/1/2022	CVEC - 2022	10907-NM-11-2022	2,782
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	11/1/2022	CVEC - 2022	801-NM-11-2022-C	414
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W803	San Juan Mesa - San Juan Mesa	NM	11/1/2022	CVEC - 2022	803-NM-11-2022-8	379
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W1026	Mesalands Community College - Mesalands	NM	12/1/2022	CVEC - 2022	1026-NM-12-2022-	2
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	12/1/2022	CVEC - 2022	10907-NM-12-2022	2,764
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	12/1/2022	CVEC - 2022	801-NM-12-2022-1	462
2023-06-16 20:23:30 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W803	San Juan Mesa - San Juan Mesa	NM	12/1/2022	CVEC - 2022	803-NM-12-2022-A	352
2023-06-16 19:39:25 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	1/1/2022	Farmers - 2022	10907-NM-550816-	1,376
2023-06-16 19:42:28 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	1/1/2022	Farmers - 2022	801-NM-549884-15	215
2023-06-16 19:36:20 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W803	San Juan Mesa - San Juan Mesa	NM	1/1/2022	Farmers - 2022	803-NM-548145-18	146
2023-06-16 19:45:10 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W1026	Mesalands Community College - Mesalands	NM	2/1/2022	Farmers - 2022	1026-NM-552829-3	1
2023-06-16 19:39:25 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	2/1/2022	Farmers - 2022	10907-NM-558988-	1,421
2023-06-16 19:42:28 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	2/1/2022	Farmers - 2022	801-NM-558072-17	213
2023-06-16 19:36:20 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W803	San Juan Mesa - San Juan Mesa	NM	2/1/2022	Farmers - 2022	803-NM-556357-16	149
2023-06-16 19:45:10 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W1026	Mesalands Community College - Mesalands	NM	3/1/2022	Farmers - 2022	1026-NM-560877-7	2
2023-06-16 19:39:25 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	3/1/2022	Farmers - 2022	10907-NM-567354-	1,739
2023-06-16 19:42:28 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	3/1/2022	Farmers - 2022	801-NM-566488-20	258
2023-06-16 19:36:20 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	Wind	W803	San Juan Mesa - San Juan Mesa	NM	3/1/2022	Farmers - 2022	803-NM-564754-15	149











Southwestern Public Service Company  
WREGIS REC Transfers  
Calendar Year 2022

2023-06-16 20:20:31 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W1026	Mesalands Community College - Mesalands	NM	11/1/2022	LP&L - 2022	1026-NM-11-2022-	1
2023-06-16 20:17:03 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	11/1/2022	LP&L - 2022	10907-NM-11-2022	1,831
2023-06-16 20:18:41 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	11/1/2022	LP&L - 2022	801-NM-11-2022-D	272
2023-06-16 20:15:18 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W803	San Juan Mesa - San Juan Mesa	NM	11/1/2022	LP&L - 2022	803-NM-11-2022-8	249
2023-06-16 20:20:31 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W1026	Mesalands Community College - Mesalands	NM	12/1/2022	LP&L - 2022	1026-NM-12-2022-	1
2023-06-16 20:17:03 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	12/1/2022	LP&L - 2022	10907-NM-12-2022	1,517
2023-06-16 20:18:41 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	12/1/2022	LP&L - 2022	801-NM-12-2022-1	254
2023-06-16 20:15:18 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W803	San Juan Mesa - San Juan Mesa	NM	12/1/2022	LP&L - 2022	803-NM-12-2022-A	193
2023-06-16 20:07:42 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	1/1/2022	Roosevelt - 2022	10907-NM-550816-	722
2023-06-16 20:09:29 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	1/1/2022	Roosevelt - 2022	801-NM-549884-18	113
2023-06-16 20:05:01 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W803	San Juan Mesa - San Juan Mesa	NM	1/1/2022	Roosevelt - 2022	803-NM-548145-17	77
2023-06-16 20:07:42 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	2/1/2022	Roosevelt - 2022	10907-NM-558988-	823
2023-06-16 20:09:29 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	2/1/2022	Roosevelt - 2022	801-NM-558072-16	123
2023-06-16 20:05:01 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W803	San Juan Mesa - San Juan Mesa	NM	2/1/2022	Roosevelt - 2022	803-NM-556357-15	86
2023-06-16 20:10:55 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W1026	Mesalands Community College - Mesalands	NM	3/1/2022	Roosevelt - 2022	1026-NM-560877-6	1
2023-06-16 20:07:42 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	3/1/2022	Roosevelt - 2022	10907-NM-567354-	966
2023-06-16 20:09:29 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	3/1/2022	Roosevelt - 2022	801-NM-566488-18	143
2023-06-16 20:05:01 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W803	San Juan Mesa - San Juan Mesa	NM	3/1/2022	Roosevelt - 2022	803-NM-564754-14	83
2023-06-16 20:10:55 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W1026	Mesalands Community College - Mesalands	NM	4/1/2022	Roosevelt - 2022	1026-NM-569209-1	2
2023-06-16 20:07:42 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	4/1/2022	Roosevelt - 2022	10907-NM-575463-	1,019
2023-06-16 20:09:29 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	4/1/2022	Roosevelt - 2022	801-NM-574585-21	173
2023-06-16 20:05:01 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W803	San Juan Mesa - San Juan Mesa	NM	4/1/2022	Roosevelt - 2022	803-NM-572937-21	126
2023-06-16 20:10:55 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W1026	Mesalands Community College - Mesalands	NM	5/1/2022	Roosevelt - 2022	1026-NM-577955-1	2
2023-06-16 20:07:42 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	5/1/2022	Roosevelt - 2022	10907-NM-584255-	902
2023-06-16 20:09:29 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	5/1/2022	Roosevelt - 2022	801-NM-583435-20	144
2023-06-16 20:05:01 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W803	San Juan Mesa - San Juan Mesa	NM	5/1/2022	Roosevelt - 2022	803-NM-581596-21	109
2023-06-16 20:07:42 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	6/1/2022	Roosevelt - 2022	10907-NM-592560-	618
2023-06-16 20:09:29 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	6/1/2022	Roosevelt - 2022	801-NM-592592-18	88
2023-06-16 20:05:01 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W803	San Juan Mesa - San Juan Mesa	NM	6/1/2022	Roosevelt - 2022	803-NM-592903-21	74
2023-06-16 20:07:42 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	7/1/2022	Roosevelt - 2022	10907-NM-07-2022	435
2023-06-16 20:09:29 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	7/1/2022	Roosevelt - 2022	801-NM-07-2022-8	58
2023-06-16 20:05:01 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W803	San Juan Mesa - San Juan Mesa	NM	7/1/2022	Roosevelt - 2022	803-NM-07-2022-D	64
2023-06-16 20:07:42 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	8/1/2022	Roosevelt - 2022	10907-NM-08-2022	320
2023-06-16 20:09:29 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	8/1/2022	Roosevelt - 2022	801-NM-08-2022-1	54
2023-06-16 20:05:01 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W803	San Juan Mesa - San Juan Mesa	NM	8/1/2022	Roosevelt - 2022	803-NM-08-2022-E	50
2023-06-16 20:10:55 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W1026	Mesalands Community College - Mesalands	NM	9/1/2022	Roosevelt - 2022	1026-NM-09-2022-	1
2023-06-16 20:07:42 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	9/1/2022	Roosevelt - 2022	10907-NM-09-2022	527
2023-06-16 20:09:29 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	9/1/2022	Roosevelt - 2022	801-NM-09-2022-1	86
2023-06-16 20:05:01 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W803	San Juan Mesa - San Juan Mesa	NM	9/1/2022	Roosevelt - 2022	803-NM-09-2022-B	63
2023-06-16 20:07:42 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	10/1/2022	Roosevelt - 2022	10907-NM-10-2022	572
2023-06-16 20:09:29 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	10/1/2022	Roosevelt - 2022	801-NM-10-2022-A	84
2023-06-16 20:05:01 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W803	San Juan Mesa - San Juan Mesa	NM	10/1/2022	Roosevelt - 2022	803-NM-10-2022-0	58
2023-06-16 20:07:42 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	11/1/2022	Roosevelt - 2022	10907-NM-11-2022	695
2023-06-16 20:09:29 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	11/1/2022	Roosevelt - 2022	801-NM-11-2022-D	103
2023-06-16 20:05:01 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W803	San Juan Mesa - San Juan Mesa	NM	11/1/2022	Roosevelt - 2022	803-NM-11-2022-8	95
2023-06-16 20:10:55 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W1026	Mesalands Community College - Mesalands	NM	12/1/2022	Roosevelt - 2022	1026-NM-12-2022-	1
2023-06-16 20:07:42 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W10907	Sagamore Wind Farm - Sagamore Wind	NM	12/1/2022	Roosevelt - 2022	10907-NM-12-2022	691
2023-06-16 20:09:29 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W801	Caprock Wind Farm - Caprock Wind Farm	NM	12/1/2022	Roosevelt - 2022	801-NM-12-2022-1	115
2023-06-16 20:05:01 UTC	Southwest	external transfer	NM Wholesale Set-/Wind	W803	San Juan Mesa - San Juan Mesa	NM	12/1/2022	Roosevelt - 2022	803-NM-12-2022-A	88

179,468

Row Labels	Sum of Quantity
CVEC - 2022	50,010
Farmers - 2022	19,194
Lea County - 2022	63,118
LP&L - 2022	36,592
Roosevelt - 2022	10,554
<b>Grand Total</b>	<b>179,468</b>

Row Labels	Sum of Quantity
Caprock Wind Farm - Caprock Wind Farm	21,771
Mesalands Community College - Mesalands	124
Sagamore Wind Farm - Sagamore Wind	140,892
San Juan Mesa - San Juan Mesa	16,681
<b>Grand Total</b>	<b>179,468</b>

Southwestern Public Service Company  
WREGIS REC Retirement  
Calendar Year 2022

Account	Account ID	Fuel Type	Vintage	WREGIS GU ID	Generator	Retirement Type	Notes	Reporting Period	Retired For	Quantity (RECs)	Serial Numbers
NM RPS 2022	CF93C5BD-350D	Solar	1/1/2021	W1820	Clovis High School - PV System	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2	1820-NM-451198-1 to 2
NM RPS 2022	CF93C5BD-350D	Solar	1/1/2021	W1653	ENMU - Roswell - PV Demonstration	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	3	1653-NM-451177-1 to 3
NM RPS 2022	CF93C5BD-350D	Solar	1/1/2021	W1337	Hobbs Service Center - Hobbs Solar	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2	1337-NM-452991-1 to 2
NM RPS 2022	CF93C5BD-350D	Solar	1/1/2021	W1913	PR Leyva Middle School - PV	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2	1913-NM-451222-1 to 2
NM RPS 2022	CF93C5BD-350D	Solar	1/1/2021	W2032	SRNM RFP - Haley Farms	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	47	2032-NM-466631-3 to 49
NM RPS 2022	CF93C5BD-350D	Solar	1/1/2021	W2032	SRNM RFP - Haley Farms	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2	2032-NM-455135-1 to 2
NM RPS 2022	CF93C5BD-350D	Solar	1/1/2021	W2293	SunE SPS1 - SPS1 Dollarhide	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,329	2293-NM-469154-1 to 1329
NM RPS 2022	CF93C5BD-350D	Solar	1/1/2021	W2294	SunE SPS2 - SPS2 Jal	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,374	2294-NM-453164-1 to 1374
NM RPS 2022	CF93C5BD-350D	Solar	1/1/2021	W2295	SunE SPS3 - SPS3 Lea	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,241	2295-NM-453165-1 to 1241
NM RPS 2022	CF93C5BD-350D	Solar	1/1/2021	W2296	SunE SPS4 - SPS4 Monument	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,318	2296-NM-451294-1 to 1318
NM RPS 2022	CF93C5BD-350D	Solar	1/1/2021	W2297	SunE SPS5, LLC - SPS5 Hopi	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,249	2297-NM-453166-1 to 1249
NM RPS 2022	CF93C5BD-350D	Solar	2/1/2021	W1820	Clovis High School - PV System	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2	1820-NM-457219-1 to 2
NM RPS 2022	CF93C5BD-350D	Solar	2/1/2021	W1653	ENMU - Roswell - PV Demonstration	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	3	1653-NM-457201-1 to 3
NM RPS 2022	CF93C5BD-350D	Solar	2/1/2021	W1337	Hobbs Service Center - Hobbs Solar	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	3	1337-NM-458923-1 to 3
NM RPS 2022	CF93C5BD-350D	Solar	2/1/2021	W2032	SRNM RFP - Haley Farms	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1	2032-NM-460993-1 to 1
NM RPS 2022	CF93C5BD-350D	Solar	2/1/2021	W2032	SRNM RFP - Haley Farms	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	52	2032-NM-466632-2 to 53
NM RPS 2022	CF93C5BD-350D	Solar	2/1/2021	W1527	SRNM2009-J-01	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1	1527-NM-461904-1 to 1
NM RPS 2022	CF93C5BD-350D	Solar	2/1/2021	W2731	SRNM2012-J-01	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1	2731-NM-460032-1 to 1
NM RPS 2022	CF93C5BD-350D	Solar	2/1/2021	W3616	SRNM2013-I-13	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1	3616-NM-459676-1 to 1
NM RPS 2022	CF93C5BD-350D	Solar	2/1/2021	W3617	SRNM2013-I-14	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1	3617-NM-459330-1 to 1
NM RPS 2022	CF93C5BD-350D	Solar	2/1/2021	W3618	SRNM2013-I-15	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1	3618-NM-462250-1 to 1
NM RPS 2022	CF93C5BD-350D	Solar	2/1/2021	W3619	SRNM2013-I-16	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1	3619-NM-459678-1 to 1
NM RPS 2022	CF93C5BD-350D	Solar	2/1/2021	W2293	SunE SPS1 - SPS1 Dollarhide	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,349	2293-NM-469155-1 to 1349
NM RPS 2022	CF93C5BD-350D	Solar	2/1/2021	W2294	SunE SPS2 - SPS2 Jal	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,411	2294-NM-459084-1 to 1411
NM RPS 2022	CF93C5BD-350D	Solar	2/1/2021	W2295	SunE SPS3 - SPS3 Lea	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,359	2295-NM-459085-1 to 1359
NM RPS 2022	CF93C5BD-350D	Solar	2/1/2021	W2296	SunE SPS4 - SPS4 Monument	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,416	2296-NM-457303-1 to 1416
NM RPS 2022	CF93C5BD-350D	Solar	2/1/2021	W2297	SunE SPS5, LLC - SPS5 Hopi	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,387	2297-NM-459086-1 to 1387
NM RPS 2022	CF93C5BD-350D	Solar	3/1/2021	W1820	Clovis High School - PV System	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	3	1820-NM-462981-1 to 3
NM RPS 2022	CF93C5BD-350D	Solar	3/1/2021	W1653	ENMU - Roswell - PV Demonstration	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	5	1653-NM-462963-1 to 5
NM RPS 2022	CF93C5BD-350D	Solar	3/1/2021	W1337	Hobbs Service Center - Hobbs Solar	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	4	1337-NM-464621-1 to 4
NM RPS 2022	CF93C5BD-350D	Solar	3/1/2021	W1913	PR Leyva Middle School - PV	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2	1913-NM-463005-1 to 2
NM RPS 2022	CF93C5BD-350D	Solar	3/1/2021	W2032	SRNM RFP - Haley Farms	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	58	2032-NM-466633-1 to 58
NM RPS 2022	CF93C5BD-350D	Solar	3/1/2021	W2293	SunE SPS1 - SPS1 Dollarhide	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2,078	2293-NM-469156-1 to 2078
NM RPS 2022	CF93C5BD-350D	Solar	3/1/2021	W2294	SunE SPS2 - SPS2 Jal	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2,105	2294-NM-475922-1 to 2105
NM RPS 2022	CF93C5BD-350D	Solar	3/1/2021	W2295	SunE SPS3 - SPS3 Lea	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2,094	2295-NM-470946-1 to 2094
NM RPS 2022	CF93C5BD-350D	Solar	3/1/2021	W2296	SunE SPS4 - SPS4 Monument	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2,200	2296-NM-483613-1 to 2200
NM RPS 2022	CF93C5BD-350D	Solar	3/1/2021	W2297	SunE SPS5, LLC - SPS5 Hopi	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2,045	2297-NM-470948-1 to 2045
NM RPS 2022	CF93C5BD-350D	Solar	4/1/2021	W1820	Clovis High School - PV System	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	3	1820-NM-509098-1 to 3
NM RPS 2022	CF93C5BD-350D	Solar	4/1/2021	W1653	ENMU - Roswell - PV Demonstration	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	4	1653-NM-509079-1 to 4
NM RPS 2022	CF93C5BD-350D	Solar	4/1/2021	W1337	Hobbs Service Center - Hobbs Solar	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	3	1337-NM-510642-1 to 3
NM RPS 2022	CF93C5BD-350D	Solar	4/1/2021	W1913	PR Leyva Middle School - PV	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2	1913-NM-509119-1 to 2
NM RPS 2022	CF93C5BD-350D	Solar	4/1/2021	W2032	SRNM RFP - Haley Farms	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	55	2032-NM-473064-1 to 55
NM RPS 2022	CF93C5BD-350D	Solar	4/1/2021	W2019	SRNM2010-I-02	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1	2019-NM-471456-1 to 1
NM RPS 2022	CF93C5BD-350D	Solar	4/1/2021	W2023	SRNM2010-I-06	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1	2023-NM-471892-1 to 1
NM RPS 2022	CF93C5BD-350D	Solar	4/1/2021	W2024	SRNM2010-I-07	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1	2024-NM-469095-1 to 1
NM RPS 2022	CF93C5BD-350D	Solar	4/1/2021	W2027	SRNM2011-I-01	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1	2027-NM-469073-1 to 1
NM RPS 2022	CF93C5BD-350D	Solar	4/1/2021	W2946	SRNM2012-I-01	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1	2946-NM-471898-1 to 1
NM RPS 2022	CF93C5BD-350D	Solar	4/1/2021	W3465	SRNM2013-I-01	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1	3465-NM-471902-1 to 1
NM RPS 2022	CF93C5BD-350D	Solar	4/1/2021	W3606	SRNM2013-I-03	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1	3606-NM-472688-1 to 1
NM RPS 2022	CF93C5BD-350D	Solar	4/1/2021	W3610	SRNM2013-I-07	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1	3610-NM-469532-1 to 1
NM RPS 2022	CF93C5BD-350D	Solar	4/1/2021	W3612	SRNM2013-I-09	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1	3612-NM-471875-1 to 1
NM RPS 2022	CF93C5BD-350D	Solar	4/1/2021	W3614	SRNM2013-I-11	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1	3614-NM-471192-1 to 1
NM RPS 2022	CF93C5BD-350D	Solar	4/1/2021	W3615	SRNM2013-I-12	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1	3615-NM-475358-1 to 1
NM RPS 2022	CF93C5BD-350D	Solar	4/1/2021	W2293	SunE SPS1 - SPS1 Dollarhide	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2	2293-NM-469157-1 to 2
NM RPS 2022	CF93C5BD-350D	Solar	4/1/2021	W2293	SunE SPS1 - SPS1 Dollarhide	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,875	2293-NM-483611-3 to 1877
NM RPS 2022	CF93C5BD-350D	Solar	4/1/2021	W2294	SunE SPS2 - SPS2 Jal	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,910	2294-NM-490394-1 to 1910
NM RPS 2022	CF93C5BD-350D	Solar	4/1/2021	W2295	SunE SPS3 - SPS3 Lea	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,916	2295-NM-485336-2 to 1917
NM RPS 2022	CF93C5BD-350D	Solar	4/1/2021	W2295	SunE SPS3 - SPS3 Lea	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1	2295-NM-470947-1 to 1
NM RPS 2022	CF93C5BD-350D	Solar	4/1/2021	W2296	SunE SPS4 - SPS4 Monument	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,961	2296-NM-483614-1 to 1961
NM RPS 2022	CF93C5BD-350D	Solar	4/1/2021	W2297	SunE SPS5, LLC - SPS5 Hopi	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,872	2297-NM-485338-1 to 1872
NM RPS 2022	CF93C5BD-350D	Solar	5/1/2021	W1820	Clovis High School - PV System	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	4	1820-NM-509099-1 to 4
NM RPS 2022	CF93C5BD-350D	Solar	5/1/2021	W1653	ENMU - Roswell - PV Demonstration	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	4	1653-NM-509080-1 to 4



Southwestern Public Service Company  
WREGIS REC Retirement  
Calendar Year 2022

NM RPS 2022	CF93C5BD-350D	Solar	5/1/2021	W1337	Hobbs Service Center - Hobbs Solar	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	3	1337-NM-510643-1 to 3
NM RPS 2022	CF93C5BD-350D	Solar	5/1/2021	W1913	PR Leyva Middle School - PV	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2	1913-NM-509120-1 to 2
NM RPS 2022	CF93C5BD-350D	Solar	5/1/2021	W2032	SRNM RFP - Haley Farms	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	57	2032-NM-487189-1 to 57
NM RPS 2022	CF93C5BD-350D	Solar	5/1/2021	W2293	SunE SPS1 - SPS1 Dollarhide	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2,300	2293-NM-476646-1 to 2300
NM RPS 2022	CF93C5BD-350D	Solar	5/1/2021	W2294	SunE SPS2 - SPS2 Jal	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2,328	2294-NM-482909-1 to 2328
NM RPS 2022	CF93C5BD-350D	Solar	5/1/2021	W2295	SunE SPS3 - SPS3 Lea	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2,361	2295-NM-478329-1 to 2361
NM RPS 2022	CF93C5BD-350D	Solar	5/1/2021	W2296	SunE SPS4 - SPS4 Monument	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2,354	2296-NM-476647-1 to 2354
NM RPS 2022	CF93C5BD-350D	Solar	5/1/2021	W2297	SunE SPS5, LLC - SPS5 Hopi	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2,227	2297-NM-478330-1 to 2227
NM RPS 2022	CF93C5BD-350D	Solar	6/1/2021	W1820	Clovis High School - PV System	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1	1820-NM-509100-1 to 1
NM RPS 2022	CF93C5BD-350D	Solar	6/1/2021	W1653	ENMU - Roswell - PV Demonstration	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	4	1653-NM-509081-1 to 4
NM RPS 2022	CF93C5BD-350D	Solar	6/1/2021	W1337	Hobbs Service Center - Hobbs Solar	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	3	1337-NM-510644-1 to 3
NM RPS 2022	CF93C5BD-350D	Solar	6/1/2021	W1913	PR Leyva Middle School - PV	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2	1913-NM-509121-1 to 2
NM RPS 2022	CF93C5BD-350D	Solar	6/1/2021	W2032	SRNM RFP - Haley Farms	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	55	2032-NM-487190-1 to 55
NM RPS 2022	CF93C5BD-350D	Solar	6/1/2021	W2293	SunE SPS1 - SPS1 Dollarhide	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2,197	2293-NM-482612-1 to 2197
NM RPS 2022	CF93C5BD-350D	Solar	6/1/2021	W2294	SunE SPS2 - SPS2 Jal	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2,236	2294-NM-490395-1 to 2236
NM RPS 2022	CF93C5BD-350D	Solar	6/1/2021	W2295	SunE SPS3 - SPS3 Lea	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2,243	2295-NM-485337-1 to 2243
NM RPS 2022	CF93C5BD-350D	Solar	6/1/2021	W2296	SunE SPS4 - SPS4 Monument	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2,337	2296-NM-483615-1 to 2337
NM RPS 2022	CF93C5BD-350D	Solar	6/1/2021	W2297	SunE SPS5, LLC - SPS5 Hopi	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2,058	2297-NM-485339-1 to 2058
NM RPS 2022	CF93C5BD-350D	Solar	7/1/2021	W1820	Clovis High School - PV System	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	3	1820-NM-532378-1 to 3
NM RPS 2022	CF93C5BD-350D	Solar	7/1/2021	W1653	ENMU - Roswell - PV Demonstration	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	3	1653-NM-524857-1 to 3
NM RPS 2022	CF93C5BD-350D	Solar	7/1/2021	W1337	Hobbs Service Center - Hobbs Solar	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	3	1337-NM-526410-1 to 3
NM RPS 2022	CF93C5BD-350D	Solar	7/1/2021	W1913	PR Leyva Middle School - PV	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2	1913-NM-524890-1 to 2
NM RPS 2022	CF93C5BD-350D	Solar	7/1/2021	W2032	SRNM RFP - Haley Farms	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	54	2032-NM-496708-1 to 54
NM RPS 2022	CF93C5BD-350D	Solar	7/1/2021	W2293	SunE SPS1 - SPS1 Dollarhide	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2,124	2293-NM-493191-1 to 2124
NM RPS 2022	CF93C5BD-350D	Solar	7/1/2021	W2294	SunE SPS2 - SPS2 Jal	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2,202	2294-NM-499090-1 to 2202
NM RPS 2022	CF93C5BD-350D	Solar	7/1/2021	W2295	SunE SPS3 - SPS3 Lea	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2,091	2295-NM-494911-1 to 2091
NM RPS 2022	CF93C5BD-350D	Solar	7/1/2021	W2296	SunE SPS4 - SPS4 Monument	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2,191	2296-NM-493192-1 to 2191
NM RPS 2022	CF93C5BD-350D	Solar	7/1/2021	W2297	SunE SPS5, LLC - SPS5 Hopi	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,913	2297-NM-494912-1 to 1913
NM RPS 2022	CF93C5BD-350D	Solar	8/1/2021	W1820	Clovis High School - PV System	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2	1820-NM-532379-1 to 2
NM RPS 2022	CF93C5BD-350D	Solar	8/1/2021	W1653	ENMU - Roswell - PV Demonstration	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	3	1653-NM-524858-1 to 3
NM RPS 2022	CF93C5BD-350D	Solar	8/1/2021	W1337	Hobbs Service Center - Hobbs Solar	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	3	1337-NM-526411-1 to 3
NM RPS 2022	CF93C5BD-350D	Solar	8/1/2021	W1913	PR Leyva Middle School - PV	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2	1913-NM-524891-1 to 2
NM RPS 2022	CF93C5BD-350D	Solar	8/1/2021	W2032	SRNM RFP - Haley Farms	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	49	2032-NM-512375-1 to 49
NM RPS 2022	CF93C5BD-350D	Solar	8/1/2021	W2293	SunE SPS1 - SPS1 Dollarhide	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,992	2293-NM-506560-1 to 1992
NM RPS 2022	CF93C5BD-350D	Solar	8/1/2021	W2294	SunE SPS2 - SPS2 Jal	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2,017	2294-NM-507246-1 to 2017
NM RPS 2022	CF93C5BD-350D	Solar	8/1/2021	W2295	SunE SPS3 - SPS3 Lea	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,995	2295-NM-502859-1 to 1995
NM RPS 2022	CF93C5BD-350D	Solar	8/1/2021	W2296	SunE SPS4 - SPS4 Monument	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2,005	2296-NM-501075-1 to 2005
NM RPS 2022	CF93C5BD-350D	Solar	8/1/2021	W2297	SunE SPS5, LLC - SPS5 Hopi	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,895	2297-NM-502860-1 to 1895
NM RPS 2022	CF93C5BD-350D	Solar	9/1/2021	W1820	Clovis High School - PV System	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1	1820-NM-516136-1 to 1
NM RPS 2022	CF93C5BD-350D	Solar	9/1/2021	W1820	Clovis High School - PV System	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2	1820-NM-532380-2 to 3
NM RPS 2022	CF93C5BD-350D	Solar	9/1/2021	W1653	ENMU - Roswell - PV Demonstration	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	3	1653-NM-524859-3 to 5
NM RPS 2022	CF93C5BD-350D	Solar	9/1/2021	W1653	ENMU - Roswell - PV Demonstration	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2	1653-NM-509082-1 to 2
NM RPS 2022	CF93C5BD-350D	Solar	9/1/2021	W1337	Hobbs Service Center - Hobbs Solar	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	3	1337-NM-536120-3 to 5
NM RPS 2022	CF93C5BD-350D	Solar	9/1/2021	W1337	Hobbs Service Center - Hobbs Solar	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2	1337-NM-510645-1 to 2
NM RPS 2022	CF93C5BD-350D	Solar	9/1/2021	W1913	PR Leyva Middle School - PV	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2	1913-NM-524892-3 to 4
NM RPS 2022	CF93C5BD-350D	Solar	9/1/2021	W1913	PR Leyva Middle School - PV	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2	1913-NM-509122-1 to 2
NM RPS 2022	CF93C5BD-350D	Solar	9/1/2021	W2032	SRNM RFP - Haley Farms	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	53	2032-NM-512376-1 to 53
NM RPS 2022	CF93C5BD-350D	Solar	9/1/2021	W2293	SunE SPS1 - SPS1 Dollarhide	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,961	2293-NM-514066-1 to 1961
NM RPS 2022	CF93C5BD-350D	Solar	9/1/2021	W2294	SunE SPS2 - SPS2 Jal	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2,009	2294-NM-514779-1 to 2009
NM RPS 2022	CF93C5BD-350D	Solar	9/1/2021	W2295	SunE SPS3 - SPS3 Lea	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,786	2295-NM-510805-1 to 1786
NM RPS 2022	CF93C5BD-350D	Solar	9/1/2021	W2296	SunE SPS4 - SPS4 Monument	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,977	2296-NM-509181-1 to 1977
NM RPS 2022	CF93C5BD-350D	Solar	9/1/2021	W2297	SunE SPS5, LLC - SPS5 Hopi	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,753	2297-NM-510806-1 to 1753
NM RPS 2022	CF93C5BD-350D	Solar	10/1/2021	W1820	Clovis High School - PV System	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2	1820-NM-532381-1 to 2
NM RPS 2022	CF93C5BD-350D	Solar	10/1/2021	W1653	ENMU - Roswell - PV Demonstration	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	4	1653-NM-524860-1 to 4
NM RPS 2022	CF93C5BD-350D	Solar	10/1/2021	W1337	Hobbs Service Center - Hobbs Solar	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	3	1337-NM-526412-1 to 3
NM RPS 2022	CF93C5BD-350D	Solar	10/1/2021	W1913	PR Leyva Middle School - PV	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2	1913-NM-524893-1 to 2
NM RPS 2022	CF93C5BD-350D	Solar	10/1/2021	W2032	SRNM RFP - Haley Farms	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	48	2032-NM-520267-1 to 48
NM RPS 2022	CF93C5BD-350D	Solar	10/1/2021	W2293	SunE SPS1 - SPS1 Dollarhide	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,861	2293-NM-521935-1 to 1861
NM RPS 2022	CF93C5BD-350D	Solar	10/1/2021	W2294	SunE SPS2 - SPS2 Jal	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,888	2294-NM-522596-1 to 1888
NM RPS 2022	CF93C5BD-350D	Solar	10/1/2021	W2295	SunE SPS3 - SPS3 Lea	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,720	2295-NM-518649-1 to 1720
NM RPS 2022	CF93C5BD-350D	Solar	10/1/2021	W2296	SunE SPS4 - SPS4 Monument	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,858	2296-NM-516939-1 to 1858
NM RPS 2022	CF93C5BD-350D	Solar	10/1/2021	W2297	SunE SPS5, LLC - SPS5 Hopi	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,702	2297-NM-518650-1 to 1702
NM RPS 2022	CF93C5BD-350D	Solar	11/1/2021	W1820	Clovis High School - PV System	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	4	1820-NM-532382-1 to 4
NM RPS 2022	CF93C5BD-350D	Solar	11/1/2021	W1653	ENMU - Roswell - PV Demonstration	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	6	1653-NM-524861-1 to 6



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NM RPS 2022	CF93C5BD-350D	Solar	11/1/2021	W1337	Hobbs Service Center - Hobbs Solar	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	4	1337-NM-526413-1 to 4
NM RPS 2022	CF93C5BD-350D	Solar	11/1/2021	W1913	PR Leyva Middle School - PV	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	4	1913-NM-524894-1 to 4
NM RPS 2022	CF93C5BD-350D	Solar	11/1/2021	W2032	SRNM RFP - Haley Farms	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	47	2032-NM-528083-1 to 47
NM RPS 2022	CF93C5BD-350D	Solar	11/1/2021	W2293	SunE SPS1 - SPS1 Dollarhide	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,317	2293-NM-529932-1 to 1317
NM RPS 2022	CF93C5BD-350D	Solar	11/1/2021	W2294	SunE SPS2 - SPS2 Jal	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,356	2294-NM-530633-1 to 1356
NM RPS 2022	CF93C5BD-350D	Solar	11/1/2021	W2295	SunE SPS3 - SPS3 Lea	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,194	2295-NM-526550-1 to 1194
NM RPS 2022	CF93C5BD-350D	Solar	11/1/2021	W2296	SunE SPS4 - SPS4 Monument	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,340	2296-NM-524947-1 to 1340
NM RPS 2022	CF93C5BD-350D	Solar	11/1/2021	W2297	SunE SPS5, LLC - SPS5 Hopi	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,158	2297-NM-526551-1 to 1158
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W1820	Clovis High School - PV System	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2	1820-NM-541710-1 to 2
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W1653	ENMU - Roswell - PV Demonstration	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	3	1653-NM-534629-1 to 3
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W1337	Hobbs Service Center - Hobbs Solar	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	3	1337-NM-536121-1 to 3
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W2032	SRNM RFP - Haley Farms	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	45	2032-NM-538119-1 to 45
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W1527	SRNM2009-J-01	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	5	1527-NM-547675-1 to 5
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W1563	SRNM2010-I-01	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	84	1563-NM-536665-1 to 84
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W2019	SRNM2010-I-02	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	125	2019-NM-536668-1 to 125
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W2020	SRNM2010-I-03	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	296	2020-NM-538402-1 to 296
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W2021	SRNM2010-I-04	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	164	2021-NM-536865-1 to 164
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W2022	SRNM2010-I-05	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	189	2022-NM-540367-1 to 189
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W2023	SRNM2010-I-06	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	162	2023-NM-537150-1 to 162
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W2024	SRNM2010-I-07	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	151	2024-NM-540589-1 to 151
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W2025	SRNM2010-I-08	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	140	2025-NM-537151-1 to 140
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W2026	SRNM2010-I-09	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	11	2026-NM-540186-1 to 11
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W1564	SRNM2010-J-01	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	86	1564-NM-537845-1 to 86
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W2027	SRNM2011-I-01	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	170	2027-NM-534648-1 to 170
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W2537	SRNM2011-I-02	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	277	2537-NM-536289-1 to 277
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W2028	SRNM2011-J-01	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	139	2028-NM-537152-1 to 139
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W2946	SRNM2012-I-01	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	261	2946-NM-537155-1 to 261
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W2731	SRNM2012-J-01	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	140	2731-NM-537154-1 to 140
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W3465	SRNM2013-I-01	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	374	3465-NM-537158-1 to 374
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W3605	SRNM2013-I-02	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	352	3605-NM-538128-1 to 352
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W3606	SRNM2013-I-03	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	337	3606-NM-537764-1 to 337
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W3607	SRNM2013-I-04	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	349	3607-NM-535024-1 to 349
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W3608	SRNM2013-I-05	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	352	3608-NM-540001-1 to 352
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W3609	SRNM2013-I-06	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	351	3609-NM-536787-1 to 351
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W3610	SRNM2013-I-07	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	352	3610-NM-535025-1 to 352
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W3611	SRNM2013-I-08	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	329	3611-NM-540605-1 to 329
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W3612	SRNM2013-I-09	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	324	3612-NM-537277-1 to 324
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W3613	SRNM2013-I-10	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	351	3613-NM-536670-1 to 351
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W3614	SRNM2013-I-11	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	324	3614-NM-536445-1 to 324
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W3615	SRNM2013-I-12	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	334	3615-NM-540002-1 to 334
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W3616	SRNM2013-I-13	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	170	3616-NM-536788-1 to 170
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W3618	SRNM2013-I-15	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	94	3618-NM-540003-1 to 94
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W3619	SRNM2013-I-16	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	67	3619-NM-536789-1 to 67
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W4389	SRNM2014-I-01	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	200	4389-NM-539054-1 to 200
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W4079	SRNM2014-J-01	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	168	4079-NM-536791-1 to 168
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W2293	SunE SPS1 - SPS1 Dollarhide	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,089	2293-NM-539662-1 to 1089
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W2294	SunE SPS2 - SPS2 Jal	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,101	2294-NM-540369-1 to 1101
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W2295	SunE SPS3 - SPS3 Lea	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,012	2295-NM-536254-1 to 1012
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W2296	SunE SPS4 - SPS4 Monument	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,149	2296-NM-534712-1 to 1149
NM RPS 2022	CF93C5BD-350D	Solar	12/1/2021	W2297	SunE SPS5, LLC - SPS5 Hopi	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,026	2297-NM-536255-1 to 1026
NM RPS 2022	CF93C5BD-350D	Wind	4/1/2020	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	26,041	803-NM-403986-7200 to 33240
NM RPS 2022	CF93C5BD-350D	Wind	5/1/2020	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	30,167	803-NM-409666-3286 to 33452
NM RPS 2022	CF93C5BD-350D	Wind	6/1/2020	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	39,336	803-NM-409667-4658 to 43993
NM RPS 2022	CF93C5BD-350D	Wind	6/1/2020	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	300	803-NM-409667-3868 to 4167
NM RPS 2022	CF93C5BD-350D	Wind	6/1/2020	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	490	803-NM-409667-4168 to 4657
NM RPS 2022	CF93C5BD-350D	Wind	6/1/2020	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	343	803-NM-409667-3525 to 3867
NM RPS 2022	CF93C5BD-350D	Wind	7/1/2020	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	145	803-NM-414700-1946 to 2090
NM RPS 2022	CF93C5BD-350D	Wind	7/1/2020	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	42	803-NM-414700-2539 to 2580
NM RPS 2022	CF93C5BD-350D	Wind	7/1/2020	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	20,534	803-NM-414700-2978 to 23511
NM RPS 2022	CF93C5BD-350D	Wind	8/1/2020	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	145	803-NM-415199-2266 to 2410
NM RPS 2022	CF93C5BD-350D	Wind	8/1/2020	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	23,521	803-NM-415199-2901 to 26421
NM RPS 2022	CF93C5BD-350D	Wind	8/1/2020	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	42	803-NM-415199-2859 to 2900
NM RPS 2022	CF93C5BD-350D	Wind	9/1/2020	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	25,865	803-NM-434997-2864 to 28728
NM RPS 2022	CF93C5BD-350D	Wind	9/1/2020	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	145	803-NM-434997-2229 to 2373



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NM RPS 2022	CF93C5BD-350D	Wind	9/1/2020	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	42	803-NM-434997-2822 to 2863
NM RPS 2022	CF93C5BD-350D	Wind	10/1/2020	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	33,631	803-NM-434998-3451 to 37081
NM RPS 2022	CF93C5BD-350D	Wind	10/1/2020	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	540	803-NM-434998-2121 to 2660
NM RPS 2022	CF93C5BD-350D	Wind	10/1/2020	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	42	803-NM-434998-3409 to 3450
NM RPS 2022	CF93C5BD-350D	Wind	10/1/2020	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	145	803-NM-434998-2816 to 2960
NM RPS 2022	CF93C5BD-350D	Wind	11/1/2020	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1,234	803-NM-434999-1409 to 2642
NM RPS 2022	CF93C5BD-350D	Wind	11/1/2020	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	41	803-NM-434999-3392 to 3432
NM RPS 2022	CF93C5BD-350D	Wind	11/1/2020	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	784	803-NM-434999-3433 to 4216
NM RPS 2022	CF93C5BD-350D	Wind	11/1/2020	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	140	803-NM-434999-2803 to 2942
NM RPS 2022	CF93C5BD-350D	Wind	11/1/2020	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	33,150	803-NM-434999-7364 to 40513
NM RPS 2022	CF93C5BD-350D	Wind	11/1/2020	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2,427	803-NM-434999-4937 to 7363
NM RPS 2022	CF93C5BD-350D	Wind	12/1/2020	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	37,532	803-NM-456992-2980 to 40511
NM RPS 2022	CF93C5BD-350D	Wind	1/1/2021	W801	Caprock Wind Farm - Caprock Wind Farm	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	11,014	801-NM-468859-5282 to 16295
NM RPS 2022	CF93C5BD-350D	Wind	1/1/2021	W801	Caprock Wind Farm - Caprock Wind Farm	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	3,360	801-NM-468859-1 to 3360
NM RPS 2022	CF93C5BD-350D	Wind	1/1/2021	W802	Caprock Wind Farm - Caprock Wind Farm2	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	5,431	802-NM-468826-1 to 5431
NM RPS 2022	CF93C5BD-350D	Wind	1/1/2021	W1026	Mesalands Community College - Mesalands	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	39	1026-NM-470631-1 to 39
NM RPS 2022	CF93C5BD-350D	Wind	1/1/2021	W10907	Sagamore Wind Farm - Sagamore Wind	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	54	10907-NM-492657-128882 to 128935
NM RPS 2022	CF93C5BD-350D	Wind	1/1/2021	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	4,659	803-NM-468830-1 to 4659
NM RPS 2022	CF93C5BD-350D	Wind	1/1/2021	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	25,927	803-NM-468830-7626 to 33552
NM RPS 2022	CF93C5BD-350D	Wind	2/1/2021	W801	Caprock Wind Farm - Caprock Wind Farm	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	7,507	801-NM-468860-5102 to 12608
NM RPS 2022	CF93C5BD-350D	Wind	2/1/2021	W801	Caprock Wind Farm - Caprock Wind Farm	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	3,360	801-NM-468860-2 to 3361
NM RPS 2022	CF93C5BD-350D	Wind	2/1/2021	W801	Caprock Wind Farm - Caprock Wind Farm	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1	801-NM-457019-1 to 1
NM RPS 2022	CF93C5BD-350D	Wind	2/1/2021	W802	Caprock Wind Farm - Caprock Wind Farm2	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	4,202	802-NM-468827-2 to 4203
NM RPS 2022	CF93C5BD-350D	Wind	2/1/2021	W802	Caprock Wind Farm - Caprock Wind Farm2	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1	802-NM-456991-1 to 1
NM RPS 2022	CF93C5BD-350D	Wind	2/1/2021	W1026	Mesalands Community College - Mesalands	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	22	1026-NM-470632-1 to 22
NM RPS 2022	CF93C5BD-350D	Wind	2/1/2021	W10907	Sagamore Wind Farm - Sagamore Wind	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	125,285	10907-NM-476081-14406 to 139690
NM RPS 2022	CF93C5BD-350D	Wind	2/1/2021	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	4,659	803-NM-468831-1 to 4659
NM RPS 2022	CF93C5BD-350D	Wind	2/1/2021	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	27,437	803-NM-468831-7259 to 34695
NM RPS 2022	CF93C5BD-350D	Wind	3/1/2021	W801	Caprock Wind Farm - Caprock Wind Farm	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	11,925	801-NM-468861-5345 to 17269
NM RPS 2022	CF93C5BD-350D	Wind	3/1/2021	W801	Caprock Wind Farm - Caprock Wind Farm	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	3,361	801-NM-468861-1 to 3361
NM RPS 2022	CF93C5BD-350D	Wind	3/1/2021	W802	Caprock Wind Farm - Caprock Wind Farm2	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	5,756	802-NM-468828-1 to 5756
NM RPS 2022	CF93C5BD-350D	Wind	3/1/2021	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	36,271	803-NM-468832-9382 to 45652
NM RPS 2022	CF93C5BD-350D	Wind	3/1/2021	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	4,658	803-NM-468832-1 to 4658
NM RPS 2022	CF93C5BD-350D	Wind	4/1/2021	W801	Caprock Wind Farm - Caprock Wind Farm	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2	801-NM-468862-1 to 2
NM RPS 2022	CF93C5BD-350D	Wind	4/1/2021	W801	Caprock Wind Farm - Caprock Wind Farm	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	12,005	801-NM-483323-1733 to 13737
NM RPS 2022	CF93C5BD-350D	Wind	4/1/2021	W802	Caprock Wind Farm - Caprock Wind Farm2	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	2	802-NM-468829-1 to 2
NM RPS 2022	CF93C5BD-350D	Wind	4/1/2021	W802	Caprock Wind Farm - Caprock Wind Farm2	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	4,578	802-NM-483293-3 to 4580
NM RPS 2022	CF93C5BD-350D	Wind	4/1/2021	W1026	Mesalands Community College - Mesalands	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	1	1026-NM-470633-1 to 1
NM RPS 2022	CF93C5BD-350D	Wind	4/1/2021	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	21,167	803-NM-483295-2209 to 23375
NM RPS 2022	CF93C5BD-350D	Wind	5/1/2021	W801	Caprock Wind Farm - Caprock Wind Farm	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	15,083	801-NM-476363-1844 to 16926
NM RPS 2022	CF93C5BD-350D	Wind	5/1/2021	W802	Caprock Wind Farm - Caprock Wind Farm2	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	5,643	802-NM-476333-1 to 5643
NM RPS 2022	CF93C5BD-350D	Wind	5/1/2021	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	24,511	803-NM-476334-2483 to 26993
NM RPS 2022	CF93C5BD-350D	Wind	6/1/2021	W801	Caprock Wind Farm - Caprock Wind Farm	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	11,182	801-NM-483324-1604 to 12785
NM RPS 2022	CF93C5BD-350D	Wind	6/1/2021	W802	Caprock Wind Farm - Caprock Wind Farm2	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	4,262	802-NM-483294-1 to 4262
NM RPS 2022	CF93C5BD-350D	Wind	7/1/2021	W801	Caprock Wind Farm - Caprock Wind Farm	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	11,608	801-NM-492923-1631 to 13238
NM RPS 2022	CF93C5BD-350D	Wind	7/1/2021	W802	Caprock Wind Farm - Caprock Wind Farm2	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	4,412	802-NM-492897-1 to 4412
NM RPS 2022	CF93C5BD-350D	Wind	7/1/2021	W1026	Mesalands Community College - Mesalands	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	151	1026-NM-494605-1 to 151
NM RPS 2022	CF93C5BD-350D	Wind	7/1/2021	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	11,208	803-NM-492898-1382 to 12589
NM RPS 2022	CF93C5BD-350D	Wind	8/1/2021	W801	Caprock Wind Farm - Caprock Wind Farm	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	16,534	801-NM-500811-2366 to 18899
NM RPS 2022	CF93C5BD-350D	Wind	8/1/2021	W802	Caprock Wind Farm - Caprock Wind Farm2	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	6,300	802-NM-500787-1 to 6300
NM RPS 2022	CF93C5BD-350D	Wind	8/1/2021	W1026	Mesalands Community College - Mesalands	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	259	1026-NM-502561-1 to 259
NM RPS 2022	CF93C5BD-350D	Wind	8/1/2021	W10907	Sagamore Wind Farm - Sagamore Wind	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	5	10907-NM-534231-131018 to 131022
NM RPS 2022	CF93C5BD-350D	Wind	8/1/2021	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	16,636	803-NM-506544-1724 to 18359
NM RPS 2022	CF93C5BD-350D	Wind	9/1/2021	W801	Caprock Wind Farm - Caprock Wind Farm	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	20,527	801-NM-516125-2720 to 23246
NM RPS 2022	CF93C5BD-350D	Wind	9/1/2021	W802	Caprock Wind Farm - Caprock Wind Farm2	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	7,749	802-NM-516126-1 to 7749
NM RPS 2022	CF93C5BD-350D	Wind	9/1/2021	W1026	Mesalands Community College - Mesalands	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	124	1026-NM-510513-1 to 124
NM RPS 2022	CF93C5BD-350D	Wind	9/1/2021	W10907	Sagamore Wind Farm - Sagamore Wind	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	39,868	10907-NM-515596-143526 to 183393
NM RPS 2022	CF93C5BD-350D	Wind	9/1/2021	W10907	Sagamore Wind Farm - Sagamore Wind	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	40	10907-NM-534232-183394 to 183433
NM RPS 2022	CF93C5BD-350D	Wind	9/1/2021	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	15,395	803-NM-514053-1481 to 16875
NM RPS 2022	CF93C5BD-350D	Wind	10/1/2021	W801	Caprock Wind Farm - Caprock Wind Farm	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	17,118	801-NM-523905-1997 to 19114
NM RPS 2022	CF93C5BD-350D	Wind	10/1/2021	W802	Caprock Wind Farm - Caprock Wind Farm2	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	6,371	802-NM-523906-1 to 6371
NM RPS 2022	CF93C5BD-350D	Wind	10/1/2021	W1026	Mesalands Community College - Mesalands	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	40	1026-NM-518367-1 to 40
NM RPS 2022	CF93C5BD-350D	Wind	10/1/2021	W10907	Sagamore Wind Farm - Sagamore Wind	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	30,104	10907-NM-523377-139490 to 169593
NM RPS 2022	CF93C5BD-350D	Wind	10/1/2021	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022	NM	11,726	803-NM-521923-997 to 12722

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NM RPS 2022	CF93C5BD-350D	Wind	11/1/2021	W801	Caprock Wind Farm - Caprock Wind Farm	State/Provincial Portfolio Standards	NM RPS 2022	2022 NM	18,003	801-NM-532369-1921 to 19923
NM RPS 2022	CF93C5BD-350D	Wind	11/1/2021	W802	Caprock Wind Farm - Caprock Wind Farm2	State/Provincial Portfolio Standards	NM RPS 2022	2022 NM	6,641	802-NM-532370-1 to 6641
NM RPS 2022	CF93C5BD-350D	Wind	11/1/2021	W1026	Mesalands Community College - Mesalands	State/Provincial Portfolio Standards	NM RPS 2022	2022 NM	4	1026-NM-526289-1 to 4
NM RPS 2022	CF93C5BD-350D	Wind	11/1/2021	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022 NM	14,155	803-NM-529915-1104 to 15258
NM RPS 2022	CF93C5BD-350D	Wind	12/1/2021	W801	Caprock Wind Farm - Caprock Wind Farm	State/Provincial Portfolio Standards	NM RPS 2022	2022 NM	24,422	801-NM-541700-2343 to 26764
NM RPS 2022	CF93C5BD-350D	Wind	12/1/2021	W802	Caprock Wind Farm - Caprock Wind Farm2	State/Provincial Portfolio Standards	NM RPS 2022	2022 NM	8,921	802-NM-541701-1 to 8921
NM RPS 2022	CF93C5BD-350D	Wind	12/1/2021	W1026	Mesalands Community College - Mesalands	State/Provincial Portfolio Standards	NM RPS 2022	2022 NM	11	1026-NM-536015-67 to 77
NM RPS 2022	CF93C5BD-350D	Wind	12/1/2021	W803	San Juan Mesa - San Juan Mesa	State/Provincial Portfolio Standards	NM RPS 2022	2022 NM	18,899	803-NM-539627-1328 to 20226
									<b>1,082,244</b>	



# Renewable Energy Credit

## Generator Registration Form

Power Generating Company Name \*

Southwestern Public Service (Hale)

Power Generating Company Code \*

Southwestern Public Service (Hale)

Generator Site Name \*

Hale Wind

Generator Site Code \*

Hale Wind

Generator Unit Name \*

N/A

Generator Unit Code \*

Hale Wind

ERCOT Polls Unit \*

ERCOT Polls Unit

Manual Data Entry \* If checked, please enter a name below.

Christopher Flood

Technology Type \*

Wind

Nameplate Rating (MW) \*

478

## Unit Contact Information

Name \*

Anthony Aragon

Address1 \*

2493 FM 37

Address2

Address2

City \*

Petersburg

State \*

Texas

Country \*

USA

Zip Code \*

79250

Phone Number \*

806-638-9910

Fax Number

Fax Number


Email \*

ERCOTaccountant@xcelenergy.com

(format: xyz@ercot.com)




In-service Date \*

06/28/2019 

Out-of-service Date

Out-of-service Date 


Fuel Type \*

Wind x 

REC Provider Certification Information from PUCT \*

49621

07/11/2019 

Decertified Date (format: mm/dd/yyyy) 

ERCOT Designation \*

- ERCOT  Non-ERCOT

Texas Designation \*

- Texas  Non-Texas

REC Transaction Detail

Year	Quarter	Type	Facility ID	Start #	End #	# of RECs	Last Operation	Last Operation Date	Retire Reason	Compliance Year	Memo	Select
2021	2	WIND	1411	291663	507146	215484	Retirement initiated	6/14/2023 0:00	Voluntary	2022	NM RPS 2022	<input checked="" type="checkbox"/>
2021	1	WIND	1411	1	497801	497801	Retirement initiated	6/14/2023 0:00	Voluntary	2022	NM RPS 2022	

713,285

Year	Qtr	Type	Facility ID	Start #	End #	# of RECs	Last Operation	Last Operation Date	Notes
2,022	4	WIND	1,411	497,407	504,701	7,295	Transfer to Western Farmers Electric Cooperative initiated	45,094	CVEC - 2022
2,022	3	WIND	1,411	364,800	369,563	4,764	Transfer to Western Farmers Electric Cooperative initiated	45,094	CVEC - 2022
2,022	2	WIND	1,411	602,193	615,983	13,791	Transfer to Western Farmers Electric Cooperative initiated	45,094	CVEC - 2022
2,022	1	WIND	1,411	534,022	548,092	14,071	Transfer to Western Farmers Electric Cooperative initiated	45,094	CVEC - 2022
2,022	4	WIND	1,411	493,942	497,406	3,465	Transfer to Western Farmers Electric Cooperative initiated	45,094	Farmers - 2022
2,022	3	WIND	1,411	362,537	364,799	2,263	Transfer to Western Farmers Electric Cooperative initiated	45,094	Farmers - 2022
2,022	2	WIND	1,411	597,493	602,192	4,700	Transfer to Western Farmers Electric Cooperative initiated	45,094	Farmers - 2022
2,022	1	WIND	1,411	529,327	534,021	4,695	Transfer to Western Farmers Electric Cooperative initiated	45,094	Farmers - 2022
2,022	4	WIND	1,411	483,730	493,941	10,212	Transfer to Western Farmers Electric Cooperative initiated	45,094	Lea County - 2022
2,022	3	WIND	1,411	355,866	362,536	6,671	Transfer to Western Farmers Electric Cooperative initiated	45,094	Lea County - 2022
2,022	2	WIND	1,411	581,003	597,492	16,490	Transfer to Western Farmers Electric Cooperative initiated	45,094	Lea County - 2022
2,022	1	WIND	1,411	512,630	529,326	16,697	Transfer to Western Farmers Electric Cooperative initiated	45,094	Lea County - 2022
2022	4	WIND	1411	477275	481905	4,631	Transfer to City of Lubbock through Lubbock Power and Light initiated	6/16/2023 12:16	LP&L - 2022
2022	3	WIND	1411	344976	354674	9,699	Transfer to City of Lubbock through Lubbock Power and Light initiated	6/16/2023 12:15	LP&L - 2022
2022	2	WIND	1411	567817	578273	10,457	Transfer to City of Lubbock through Lubbock Power and Light initiated	6/16/2023 12:15	LP&L - 2022
2022	1	WIND	1411	506561	510028	3,468	Transfer to City of Lubbock through Lubbock Power and Light initiated	6/16/2023 12:14	LP&L - 2022
2022	4	WIND	1411	481906	483729	1,824	Transfer to Western Farmers Electric Cooperative initiated	6/16/2023 12:13	Roosevelt - 2022
2022	3	WIND	1411	354675	355865	1,191	Transfer to Western Farmers Electric Cooperative initiated	6/16/2023 12:12	Roosevelt - 2022
2022	2	WIND	1411	578274	581002	2,729	Transfer to Western Farmers Electric Cooperative initiated	6/16/2023 12:12	Roosevelt - 2022
2022	1	WIND	1411	510029	512629	2,601	Transfer to Western Farmers Electric Cooperative initiated	6/16/2023 12:12	Roosevelt - 2022
2,022	4	WIND	192	149,839	152,043	2,205	Transfer to Western Farmers Electric Cooperative initiated	45,093	CVEC - 2022
2,022	3	WIND	192	116,466	117,983	1,518	Transfer to Western Farmers Electric Cooperative initiated	45,093	CVEC - 2022
2,022	2	WIND	192	103,363	106,965	3,603	Transfer to Western Farmers Electric Cooperative initiated	45,093	CVEC - 2022
2,022	1	WIND	192	162,638	166,926	4,289	Transfer to Western Farmers Electric Cooperative initiated	45,093	CVEC - 2022
2,022	4	WIND	192	145,705	146,751	1,047	Transfer to Western Farmers Electric Cooperative initiated	45,093	Farmers - 2022
2,022	3	WIND	192	113,619	114,340	722	Transfer to Western Farmers Electric Cooperative initiated	45,093	Farmers - 2022
2,022	2	WIND	192	97,783	99,031	1,249	Transfer to Western Farmers Electric Cooperative initiated	45,093	Farmers - 2022
2,022	1	WIND	192	156,118	157,547	1,430	Transfer to Western Farmers Electric Cooperative initiated	45,093	Farmers - 2022
2,022	4	WIND	192	146,752	149,838	3,087	Transfer to Western Farmers Electric Cooperative initiated	45,093	Lea County - 2022
2,022	3	WIND	192	114,341	116,465	2,125	Transfer to Western Farmers Electric Cooperative initiated	45,093	Lea County - 2022
2,022	2	WIND	192	99,032	103,362	4,331	Transfer to Western Farmers Electric Cooperative initiated	45,093	Lea County - 2022
2,022	1	WIND	192	157,548	162,637	5,090	Transfer to Western Farmers Electric Cooperative initiated	45,093	Lea County - 2022
2022	4	WIND	192	143736	145152	1,417	Transfer to City of Lubbock through Lubbock Power and Light initiated	6/15/2023 19:06	LP&L - 2022
2022	3	WIND	192	110122	113239	3,118	Transfer to City of Lubbock through Lubbock Power and Light initiated	6/15/2023 19:06	LP&L - 2022
2022	2	WIND	192	94265	97057	2,793	Transfer to City of Lubbock through Lubbock Power and Light initiated	6/15/2023 19:05	LP&L - 2022
2022	1	WIND	192	154285	155326	1,042	Transfer to City of Lubbock through Lubbock Power and Light initiated	6/15/2023 19:05	LP&L - 2022
2022	4	WIND	192	145153	145704	552	Transfer to Western Farmers Electric Cooperative initiated	6/15/2023 18:45	Roosevelt - 2022
2022	3	WIND	192	113240	113618	379	Transfer to Western Farmers Electric Cooperative initiated	6/15/2023 18:45	Roosevelt - 2022
2022	2	WIND	192	97058	97782	725	Transfer to Western Farmers Electric Cooperative initiated	6/15/2023 18:45	Roosevelt - 2022
2022	1	WIND	192	155327	156117	791	Transfer to Western Farmers Electric Cooperative initiated	6/15/2023 18:45	Roosevelt - 2022
2,022	4	WIND	94	171,972	174,493	2,522	Transfer to Western Farmers Electric Cooperative initiated	45,093	CVEC - 2022
2,022	3	WIND	94	136,445	138,236	1,792	Transfer to Western Farmers Electric Cooperative initiated	45,093	CVEC - 2022
2,022	2	WIND	94	136,391	139,179	2,789	Transfer to Western Farmers Electric Cooperative initiated	45,093	CVEC - 2022
2,022	1	WIND	94	172,092	174,958	2,867	Transfer to Western Farmers Electric Cooperative initiated	45,093	CVEC - 2022
2,022	4	WIND	94	167,243	168,440	1,198	Transfer to Western Farmers Electric Cooperative initiated	45,093	Farmers - 2022
2,022	3	WIND	94	133,083	133,934	852	Transfer to Western Farmers Electric Cooperative initiated	45,093	Farmers - 2022
2,022	2	WIND	94	131,919	132,931	1,013	Transfer to Western Farmers Electric Cooperative initiated	45,093	Farmers - 2022
2,022	1	WIND	94	167,694	168,646	953	Transfer to Western Farmers Electric Cooperative initiated	45,093	Farmers - 2022
2,022	4	WIND	94	168,441	171,971	3,531	Transfer to Western Farmers Electric Cooperative initiated	45,093	Lea County - 2022
2,022	3	WIND	94	133,935	136,444	2,510	Transfer to Western Farmers Electric Cooperative initiated	45,093	Lea County - 2022
2,022	2	WIND	94	132,932	136,390	3,459	Transfer to Western Farmers Electric Cooperative initiated	45,093	Lea County - 2022
2,022	1	WIND	94	168,647	172,091	3,445	Transfer to Western Farmers Electric Cooperative initiated	45,093	Lea County - 2022

2022	4	WIND	94	165012	166612	1,601	Transfer to City of Lubbock through Lubbock Power and Light initiated	6/15/2023 19:08	LP&L - 2022
2022	3	WIND	94	129061	132634	3,574	Transfer to City of Lubbock through Lubbock Power and Light initiated	6/15/2023 19:08	LP&L - 2022
2022	2	WIND	94	128493	131355	2,863	Transfer to City of Lubbock through Lubbock Power and Light initiated	6/15/2023 19:07	LP&L - 2022
2022	1	WIND	94	166388	167166	779	Transfer to City of Lubbock through Lubbock Power and Light initiated	6/15/2023 19:07	LP&L - 2022
2022	4	WIND	94	166613	167242	630	Transfer to Western Farmers Electric Cooperative initiated	6/15/2023 18:47	Roosevelt - 2022
2022	3	WIND	94	132635	133082	448	Transfer to Western Farmers Electric Cooperative initiated	6/15/2023 18:47	Roosevelt - 2022
2022	2	WIND	94	131356	131918	563	Transfer to Western Farmers Electric Cooperative initiated	6/15/2023 18:46	Roosevelt - 2022
2022	1	WIND	94	167167	167693	527	Transfer to Western Farmers Electric Cooperative initiated	6/15/2023 18:46	Roosevelt - 2022

	CVEC - 2022	61,506	Central Valley
	Farmers - 2022	23,587	Farmers
94 Wildorado	Lea County - 2022	77,648	Lea County
192 Spinning Spur	Roosevelt - 2022	12,960	Roosevelt
1411 Hale Wind	LP&L - 2022	45,442	LP&L
		<b>221,143</b>	

Year	Quarter	Type	Facility ID	Start #	End #	# of RECs	Last Operation	Last Operation Date
2022	2	WIND	226	170601	279460	108,860	Transfer from Palo Duro Wind Energy, LLC confirmed	2/10/2023 15:38
2022	3	WIND	226	121148	199701	78,554	Transfer from Palo Duro Wind Energy, LLC confirmed	2/10/2023 15:38
2022	4	WIND	226	152268	237009	84,742	Transfer from Palo Duro Wind Energy, LLC confirmed	2/14/2023 15:07
2022	1	WIND	226	149892	244442	94,551	Transfer from Palo Duro Wind Energy, LLC confirmed	8/1/2022 16:53
						<b>366,707</b>		

Account Holder  
Information for  
Retail Entity

Company Name	Contact Name	Email	Website	Phone	Joined on
Southwestern Public Service Company	Sarah Frazee	<a href="mailto:Sarah.M.Frazee@xcelenergy.com">Sarah.M.Frazee@xcelenergy.com</a>	<a href="http://www.xcelenergy.com">www.xcelenergy.com</a>	303-571-6530	2002-01-15T08:16:03.76


Account Holder  
Information for REC  
Generator

Company Name	Contact Name	Email	Website	Phone	Joined on
Palo Duro Wind Energy, LLC	Julie Stagmiller	<a href="mailto:DL-NextEra-BMF-REC-Team@fpl.com">DL-NextEra-BMF-REC-Team@fpl.com</a> <a href="mailto:carlyle.bruno@nee.com">carlyle.bruno@nee.com</a>	NA	5616912358	2014-10-06T11:14:48.21

REC Generator  
Report

Company Name	Power Generating Company Name	Power Generating Company Code	Generator Site Name	Generator Site Code	Facility Identification Number	Unit Contact Information	Technology Type	Facility Noncompetitive Certification Data
Palo Duro Wind Energy, LLC	Palo Duro Wind Energy, LLC	Palo Duro Wind Energy, LLC	Palo Duro Wind Energy, LLC	Palo Duro Wind Energy, LLC	226	Juan Hernandez	WIND	43618

17.9.572.17 B.(1)



## Renewable Energy Credit

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Unit Contact Information:

<b>Name:</b>	Juan Hernandez
<b>Address 1:</b>	700 Universe Blvd.
<b>Address 2:</b>	n/a
<b>City:</b>	Juno Beach
<b>State:</b>	Florida
<b>Country:</b>	USA
<b>Zip Code:</b>	33408
<b>Phone Number:</b>	561-304-6096
<b>Fax Number:</b>	n/a
<b>Email:</b>	juan.p.hernandez@nee.com

### Palo Duro Wind Energy, LLC Account Profile

<b>Account Type:</b>	REC_GEN
<b>Company Name:</b>	Palo Duro Wind Energy, LLC
<b>Contact Name:</b>	Julie Stagmiller
<b>Street Address:</b>	700 Universe Blvd., , Juno Beach, Florida 33408
<b>Phone Number:</b>	5616912358
<b>Fax Number:</b>	n/a
<b>Email:</b>	DL-NextEra-BMF-REC-Team@fpl.com,carlyle.bruno@nee.com
<b>Website:</b>	NA
<b>DUNS Number:</b>	079567724

17.9.572.17 B.(4)	Counterparty	<b>Palo Duro Wind Energy, LLC</b>
	Facility Name	Palo Duro Wind
	Ownership	NextEra Energy Resources
	Location of Facility	Hansford and Ochiltree Counties, Texas
	Facility Type	Wind
	Qualified Facility	No
	Equipment	147 Turbines - GE 1.7 MW, 100 meter rotor diameter
	Capacity	249.9 MW
	Commercial Operation Date	12/1/2014
17.9.572.17 B.(5)	Control Area Operator	Southwestern Public Service Company
17.9.572.17 B.(6)	Interconnection and Point of Delivery	Southwestern Public Service Company

\*Required

\*\*Required for Retail Entity

New Account Application		
<b>Account Type:*</b>	<input checked="" type="checkbox"/> RecGenerator <input type="checkbox"/> RecOffsetGenerator <input type="checkbox"/> MixedGenerator <input type="checkbox"/> RetailEntity <input type="checkbox"/> RecBroker <input type="checkbox"/> RecTrader <input type="checkbox"/> RecTradeExchange <input type="checkbox"/> RecAggregator <input type="checkbox"/> Other <input type="checkbox"/> CoFiredGenerator	
<b>DUNS Number:</b>	SPS = DUNS #00-736-9713G	Complete the DUNS number for REC Generator, REC Offset Generator, Mixed Generator, and Competitive Retailer
<b>Company Name:*</b>	Southwestern Public Service - Hale	
<b>Contact Name:*</b>	Carlos Hill	
<b>Address1:*</b>	790 South Buchanan Street	
<b>Address2:</b>		
<b>City:*</b>	Amarillo	
<b>State:*</b>	Texas	
<b>Country:*</b>	USA	
<b>Zip Code:*</b>	79101	
<b>Phone Number:*</b>	303-571-6530	
<b>Fax Number:</b>		
<b>E-mail:*</b>	<a href="mailto:ERCOTaccountant@xcelenergy.com">ERCOTaccountant@xcelenergy.com</a>	format: abc@ercot.com
<b>Web Site:</b>	www.xcelenergy.com	format: www.ercot.com
Choose your Login Name and Password		
<b>Login Name:*</b>	[REDACTED]	
<b>Password:*</b>	[REDACTED]	(5-10 characters, at least one capital letter, one lower case letter, one number, and one symbol)
<b>Confirm Password:*</b>	[REDACTED]	TRUE
<b>Security Question:</b>	[REDACTED]	
<b>Security Answer:</b>	[REDACTED]	
Provide the following information if you have selected the RETAIL ENTITY account type:		
<b>ERCOT Polls Unit:**</b>	<input type="checkbox"/> ErcotPollsMeterData	
	<input type="checkbox"/> ManualDataEntry	If checked, then enter a NAME below:
		Name of Metering Data Provider
<b>ERCOT Designation:**</b>	<input type="checkbox"/> Ercot <input type="checkbox"/> Non-Ercot	Is your generating facility affiliated with ERCOT
<b>Texas Designation:**</b>	<input type="checkbox"/> Texas <input type="checkbox"/> Non-Texas	Is your generating facility located inside or outside of Texas

Generator Registration Form		
<b>Power Generating Company Name:*</b>	Southwestern Public Service - Hale	
<b>Power Generating Company Code:*</b>		
<b>Generator Site Name:*</b>		
<b>Generator Site Code:*</b>		
<b>Generator Unit Name:*</b>		
<b>Generator Unit Code:*</b>		
<b>ERCOT Polls Unit:*</b>	<input type="checkbox"/> ErcotPollsUnit	
	<input checked="" type="checkbox"/> Manual Data Entry	If checked, then enter a NAME below:
	Christopher Flood	Name of Metering Data Provider
<b>Technology Type:*</b>	Wind	<i>(There will be a dropdown list online)</i>
<b>Nameplate Rating (MW):*</b>	478	<i>(as determined by the PUCT)</i>
<b>In-service Date:*</b>	06/28/2019	<i>(format: mm/dd/yyyy)</i>
<b>Out-of-service Date:*</b>		<i>(format: mm/dd/yyyy)...when the facility is decommissioned</i>
<b>Fuel Type:*</b>	Wind	<i>(There will be a dropdown list online)</i>
<b>REC Provider Certification Information from PUCT:</b>		Certification Number - REC Certification # Given to the generating facility by the PUCT
		Certified Date (mm/dd/yyyy) - effective date for certification Given to the generating facility by the PUCT
<b>ERCOT Designation:*</b>	<input checked="" type="checkbox"/> Ercot <input type="checkbox"/> Non-Ercot	Is your generating facility affiliated with ERCOT
<b>Texas Designation:*</b>	<input checked="" type="checkbox"/> Texas <input type="checkbox"/> Non-Texas	Is your generating facility located inside Texas



### Unit Contact Information

<b>Name: *</b>	Anthony Aragon	
<b>Address1:*</b>	2493 FM 37	
<b>Address2:</b>		
<b>City:*</b>	Petersburg	
<b>State:*</b>	TX	
<b>Country:*</b>	United States	
<b>Zip Code:*</b>	79250	
<b>Phone Number:*</b>	806-638-9910	
<b>Fax Number:</b>		
<b>E-mail:*</b>	<a href="mailto:ERCOTaccountant@xcelenergy.com">ERCOTaccountant@xcelenergy.com</a>	format: abc@ercot.com

**DeAnn T. Walker**  
Chairman  
**Arthur C. D'Andrea**  
Commissioner  
**Shelly Botkin**  
Commissioner  
**John Paul Urban**  
Executive Director



**Greg Abbott**  
Governor

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FILING CLERK

**Public Utility Commission of Texas**

To: Anthony Aragon  
Hale Wind  
2493 FM 37  
Petersburg, Texas 79250

All Parties of Record

Re: Project No. 49621 - *Application of Hale Wind for a Renewable Energy Credit Generator Registration*

**CORRECTED NOTICE OF APPROVAL**

On June 11, 2019, Hale Wind filed an application to certify its facility as a renewable energy credit (REC) generator utilizing wind generating technology. Hale Wind is owned by Southwestern Public Service Company (SPS), which is an investor-owned utility. SPS's certificate of convenience and necessity registration number is 30153. The facility's total rated nameplate capacity is 478 megawatts (MW) and the metered generation eligible for RECs is 478 MW. On July 10, 2019, Commission Staff filed a recommendation on the application.

The application of Hale Wind includes the information required under 16 Texas Administrative Code (TAC) § 25.173(o). The facility is not ineligible for producing RECs under 16 TAC § 25.173(f). The facility satisfies the requirements under 16 TAC § 25.173(e)(1) and (4) as a new facility, capable of being metered and verified, and not powered by fossil fuel. Accordingly, the Commission certifies the facility as a REC generator.

Any subsequent changes to the information provided in this application must be filed with the Commission as supplements to the application within 30 days of such changes.



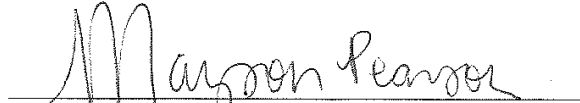
Project No. 49621

Corrected Notice of Approval

Page 2 of 2

Signed at Austin, Texas the 31st day of July 2019.

**PUBLIC UTILITY COMMISSION OF TEXAS**

A handwritten signature in cursive script that reads "Mayson Pearson". The signature is written in black ink and is positioned above a horizontal line.

**MAYSON PEARSON**

**ADMINISTRATIVE LAW JUDGE**

## Procedure for Certifying Renewable Energy Credit Generators

NOTE: Do not use this form if you intend to file for REC offsets or in association with a REC aggregation company. Contact the Commission to obtain the appropriate certification form.

- A. A completed application shall consist of the following.
1. A completed Certification Form for Renewable Energy Credit Generators.
  2. A map showing the location of the facility and, if applicable, its boundary (for example, the boundary of the wind farm area metered at the point specified in Item 10). The map must also show the facility's interconnection point(s) with the local distribution or transmission system, and the location of all generation units listed under Item 13 of the application.
  3. If one or more of the metering points specified in Item 10 are not part of the transmission or distribution system of ERCOT, an Independent System Operator, a Regional Transmission Organization, or an Independent Organization as defined in PURA Section 39.151(b), a narrative explaining where and how the output of the facility may be physically metered and verified in Texas by the Program Administrator.
  4. For fossil fuels listed under Item 8, a narrative describing the role of such fuels in the generation technology. The narrative should explicitly state the heat input value of the fossil fuels relative to the heat input value of the renewable fuels specified in Item 7, and must include references to industry standards.
  5. For previously existing renewable energy units that were upgraded and repowered at a greater capacity after Sept. 1, 1999, a narrative specifying the shutdown date, restart date, previous rated nameplate capacity, and new rated nameplate capacity, including references to industry standards.
- B. Each certification shall pertain to a single facility. A facility may have multiple metering points, which shall be designated under Item 10. The metering points listed must represent the only locations through which generation from units included in the certification may enter an ISO grid.
- C. If a facility includes units that separately would be ineligible to produce RECs the application must include a number or formula approved by the Commission that permits the Program Administrator to subtract the output of such units from the aggregated output recorded at the metering point in Item 10.
- D. If an existing renewable energy unit is upgraded and repowered after Sept. 1, 1999, the unit must be included **twice** under Item 13. One entry shall designate the pre-upgrade rated nameplate capacity. The other shall show the **difference** between the new capacity and the pre-upgrade capacity and shall show the repower date as the date commercial operation begins / began.

- E. Item 11 shall be the generation of all units listed under Item 13 that have been included in a nomination for REC offsets.
- F. Eligible units are those which
1. Are not fossil fuel units that have been repowered to use a renewable fuel,
  2. Were not developed as part of an emissions reduction project described in Health and Safety Code §382.05193, that is being used to satisfy the permit requirements in Health and Safety Code §382.0519,
  3. Are not included in the rates of any utility, municipally owned utility or distribution cooperative through base rates, a power cost recovery factor, stranded cost recovery mechanism or any other fixed or variable rate element charged to end users, and
  4. Are not capacity that was in operation before Sept. 1, 1999 unless the nameplate capacity is less than 2 MW.
- G. The owner's designated representative and alternate representative must be based in Texas.
- H. The owner of a facility certified to produce RECs may amend an existing application package if the facility's output is metered by an ISO. Amendment may be made by certified letter to the Commission describing the changes to be reflected in the facility's REC certification. If the amendment results in material change to the facts represented in any narrative or map submitted with the original application, updated narratives and maps must be included with the letter requesting the amendment. Narratives and maps that do not require revisions need not be resubmitted.
- If the capacity of the facility changes at a later date, the owner of the facility shall file with the Commission any updated information on the facility by the 15<sup>th</sup> of the month following the end of the calendar quarter. The information filed shall reflect the change in nameplate capacity of the facility during the quarter just completed and the total capacity of the facility as of the last business day of the calendar quarter.
- J. The owner of the facility shall provide the annual historical output of the facility (in MWh) from the start of commercial operations up to the date of filing this application. The annual period for historical output shall be from October 1 through September 30.

## Certification Form for Renewable Energy Credit Generators

### Information about Generating Unit(s)

1.	Facility Name or Description	Hale Wind
2.	Street Address or Legal Geographical Location	2493 FM 37 Petersburg, TX. 79250
3.	Name of Owner	SOUTHWESTERN PUBLIC SERVICE COMPANY (First Tier Subsidiary through Xcel Energy Inc.)
4.	Owner PUC Registration (for Subst. Rule §25.109)	Not Applicable
5.	On-site Contact Person (if applicable)	Anthony Aragon
6.	On-site Telephone Number (if applicable)	806-638-9910
7.	Type of Renewable Generating Technology	<input type="checkbox"/> Biomass <input type="checkbox"/> Hydroelectric <input type="checkbox"/> Solar <input checked="" type="checkbox"/> Wind <input type="checkbox"/> Other (specify):
8.	Fossil Fuels Used (if any)	
9.	TNRCC Air Permit Number (if any)	
10.	Meters (ISO Numbers or Other Identifiers)	KZM018100207, KZM018100208
11.	Percentage to be Subtracted from Annual Metered Generation	0%
12.	Metered Generation Eligible for Renewable Energy Credits (in MW)	478

13.	Please complete the following for each generating unit operating at this facility. Include additional pages as necessary. For sites with large numbers of individual units, complete the attachment entitled "List of Generating Units at Facility" and enter "See attached list" in the first three blanks of this section. For older units upgraded and repowered after Sept. 1999, include one page describing the unit before the upgrade, and another page describing the incremental addition to capacity resulting from the upgrade.	
Manufacturer	See attached list	
Serial Number(s)	See attached list	
Date Commercial Operation Began / Will Begin	See attached list	
Total Rated Nameplate Capacity	478 MW	
Is this a fossil fuel unit that has been or will be repowered to use a renewable fuel?	Yes _____ No <input checked="" type="checkbox"/>	
Is this unit developed as part of an emissions reduction project described in Health and Safety Code §382.05193, that is being used to satisfy the permit requirements in Health and Safety Code §382.0519?	Yes _____ No <input checked="" type="checkbox"/>	
<p>If the generating unit is owned by or under contract to a utility, an electric cooperative, municipally-owned utility, competitive retailer, or river authority, is any portion of this unit's above-market costs included in the rates of any utility, municipally owned utility or distribution cooperative through base rates, a power cost recovery factor, stranded cost recovery mechanism or any other fixed or variable rate element charged to end users?</p> <p>If the answer is "yes" at the date this application is filed, state the date when the answer would become "no." Provide documentation to support this change of status.</p>	<p>Yes _____ No _____</p> <p style="text-align: center; color: blue;">N/A</p> <p>Date _____</p>	
Does this unit qualify for Renewable Energy Credit Offsets?	Yes _____ No <input checked="" type="checkbox"/>	

Name, Mailing Address and Telephone of Generating Facility Owner

David Hudson  
790 South Buchanan Street  
Amarillo, TX 79101  
612-342-8914

Name, Mailing Address and Telephone of Owner's Designated Representative

Anthony Aragon  
2493 FM 37  
Petersburg, TX 79250  
806-638-9910

Name, Mailing Address and Telephone of Alternate Representative

Chris Whiteside  
790 South Buchanan Street  
Amarillo, TX 79101  
806-765-2811

I certify that I have reviewed and will comply with the provisions in Section 14, "Renewable Energy Credit Trading Program" of the ERCOT Protocols. I certify that the information presented in this Certification Form is correct. I further certify that the generating facility owner (or designated representative) shall inform the Project Administrator of any change that renders the information contained in this certification obsolete, and that such notification will be provided in writing no later than 30 days after the change is discovered by the owner.





Owner of Generating Facility or Designated Representative

Date



**List of Generating Units at Facility**

Manufacturer and Make	Serial Number(s)	Date Commercial Operation Began/Begins	Capacity per Unit (in MW)	Number of Units	Capacity (in MW)
<i>(See Attached)</i>					

List of Generating Units at Facility

Totals =	239 units	478 MW
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Turbine Pad	Manufacturer	Make	Serial Number(s)	Date Commercial Operation Began/Begins	Capacity per Unit (MW)	Number of Units	Capacity (MW)
1	Vestas	V116	NB18017992	06/28/2019	2.00	1	2
2	Vestas	V110	NB17016463	06/28/2019	2.00	1	2
3	Vestas	V110	NB17016442	06/28/2019	2.00	1	2
4	Vestas	V116	NB18017998	06/28/2019	2.00	1	2
5	Vestas	V116	NB18018022	06/28/2019	2.00	1	2
6	Vestas	V116	NB18017999	06/28/2019	2.00	1	2
7	Vestas	V116	NB18017995	06/28/2019	2.00	1	2
8	Vestas	V116	NB18017994	06/28/2019	2.00	1	2
9	Vestas	V116	NB18018015	06/28/2019	2.00	1	2
10	Vestas	V116	NB18018004	06/28/2019	2.00	1	2
11	Vestas	V116	NB18018028	06/28/2019	2.00	1	2
13	Vestas	V116	NB18018027	06/28/2019	2.00	1	2
14	Vestas	V116	NB18017989	06/28/2019	2.00	1	2
15	Vestas	V116	NB18018013	06/28/2019	2.00	1	2
16	Vestas	V116	NB18018020	06/28/2019	2.00	1	2
17	Vestas	V116	NB18018033	06/28/2019	2.00	1	2
18	Vestas	V110	NB17016511	06/28/2019	2.00	1	2
19	Vestas	V116	NB18018007	06/28/2019	2.00	1	2
20	Vestas	V110	NB17016518	06/28/2019	2.00	1	2
21	Vestas	V110	NB17016545	06/28/2019	2.00	1	2
22	Vestas	V110	NB17016549	06/28/2019	2.00	1	2
23	Vestas	V116	NB18018014	06/28/2019	2.00	1	2
24	Vestas	V110	NB17016574	06/28/2019	2.00	1	2
25	Vestas	V116	NB18018010	06/28/2019	2.00	1	2
26	Vestas	V116	NB18018039	06/28/2019	2.00	1	2
27	Vestas	V116	NB18018017	06/28/2019	2.00	1	2
28	Vestas	V116	NB18017988	06/28/2019	2.00	1	2
29	Vestas	V110	NB17016546	06/28/2019	2.00	1	2
30	Vestas	V110	NB17016465	06/28/2019	2.00	1	2
31	Vestas	V110	NB17016517	06/28/2019	2.00	1	2
32	Vestas	V110	NB17016586	06/28/2019	2.00	1	2
33	Vestas	V110	NB17016515	06/28/2019	2.00	1	2
34	Vestas	V116	NB18018005	06/28/2019	2.00	1	2
35	Vestas	V116	NB18018021	06/28/2019	2.00	1	2
36	Vestas	V110	NB17016519	06/28/2019	2.00	1	2
37	Vestas	V110	NB17016512	06/28/2019	2.00	1	2
38	Vestas	V110	NB17016548	06/28/2019	2.00	1	2
39	Vestas	V110	NB17016547	06/28/2019	2.00	1	2
40	Vestas	V116	NB18017996	06/28/2019	2.00	1	2
41	Vestas	V116	NB18018016	06/28/2019	2.00	1	2
42	Vestas	V116	NB18018030	06/28/2019	2.00	1	2
43	Vestas	V116	NB18018032	06/28/2019	2.00	1	2
44	Vestas	V116	NB18017986	06/28/2019	2.00	1	2
45	Vestas	V116	NB18018024	06/28/2019	2.00	1	2
46	Vestas	V116	NB18018000	06/28/2019	2.00	1	2
47	Vestas	V116	NB18018019	06/28/2019	2.00	1	2
48	Vestas	V116	NB18018035	06/28/2019	2.00	1	2
49	Vestas	V110	NB17016576	06/28/2019	2.00	1	2
50	Vestas	V116	NB18017987	06/28/2019	2.00	1	2
51	Vestas	V116	NB18018006	06/28/2019	2.00	1	2
52	Vestas	V116	NB18018055	06/28/2019	2.00	1	2
53	Vestas	V110	NB17016582	06/28/2019	2.00	1	2
54	Vestas	V110	NB17016587	06/28/2019	2.00	1	2
55	Vestas	V116	NB18018018	06/28/2019	2.00	1	2
56	Vestas	V116	NB18018009	06/28/2019	2.00	1	2
57	Vestas	V116	NB18018012	06/28/2019	2.00	1	2
58	Vestas	V116	NB18018008	06/28/2019	2.00	1	2
59	Vestas	V110	NB17016538	06/28/2019	2.00	1	2
60	Vestas	V110	NB17016585	06/28/2019	2.00	1	2



List of Generating Units at Facility

Turbine Pad	Manufacturer	Make	Serial Number(s)	Date Commercial Operation Began/Begins	Capacity per Unit (MW)	Number of Units	Capacity (MW)
61	Vestas	V116	NB18018011	06/28/2019	2.00	1	2
62	Vestas	V116	NB18018037	06/28/2019	2.00	1	2
63	Vestas	V116	NB18018029	06/28/2019	2.00	1	2
64	Vestas	V116	NB18018002	06/28/2019	2.00	1	2
65	Vestas	V110	NB17016509	06/28/2019	2.00	1	2
66	Vestas	V116	NB18018023	06/28/2019	2.00	1	2
67	Vestas	V116	NB18017990	06/28/2019	2.00	1	2
68	Vestas	V110	NB17016513	06/28/2019	2.00	1	2
69	Vestas	V116	NB18018031	06/28/2019	2.00	1	2
70	Vestas	V116	NB18018036	06/28/2019	2.00	1	2
71	Vestas	V116	NB18018003	06/28/2019	2.00	1	2
72	Vestas	V116	NB18018034	06/28/2019	2.00	1	2
73	Vestas	V116	NB18017991	06/28/2019	2.00	1	2
74	Vestas	V116	NB18017997	06/28/2019	2.00	1	2
75	Vestas	V116	NB18018042	06/28/2019	2.00	1	2
76	Vestas	V116	NB18018057	06/28/2019	2.00	1	2
77	Vestas	V116	NB18018269	06/28/2019	2.00	1	2
78	Vestas	V116	NB18018293	06/28/2019	2.00	1	2
79	Vestas	V116	NB18018277	06/28/2019	2.00	1	2
80	Vestas	V116	NB18018340	06/28/2019	2.00	1	2
81	Vestas	V116	NB18018342	06/28/2019	2.00	1	2
82	Vestas	V116	NB18018343	06/28/2019	2.00	1	2
83	Vestas	V116	NB18018347	06/28/2019	2.00	1	2
84	Vestas	V116	NB18018280	06/28/2019	2.00	1	2
85	Vestas	V116	NB18018274	06/28/2019	2.00	1	2
86	Vestas	V116	NB18018063	06/28/2019	2.00	1	2
87	Vestas	V116	NB18018038	06/28/2019	2.00	1	2
88	Vestas	V116	NB18017993	06/28/2019	2.00	1	2
89	Vestas	V116	NB18018059	06/28/2019	2.00	1	2
90	Vestas	V116	NB18018300	06/28/2019	2.00	1	2
91	Vestas	V116	NB18018297	06/28/2019	2.00	1	2
92	Vestas	V116	NB18018045	06/28/2019	2.00	1	2
93	Vestas	V116	NB18018058	06/28/2019	2.00	1	2
94	Vestas	V116	NB18018047	06/28/2019	2.00	1	2
95	Vestas	V116	NB18018321	06/28/2019	2.00	1	2
96	Vestas	V116	NB18018052	06/28/2019	2.00	1	2
97	Vestas	V116	NB18018050	06/28/2019	2.00	1	2
98	Vestas	V116	NB18018337	06/28/2019	2.00	1	2
99	Vestas	V116	NB18018329	06/28/2019	2.00	1	2
100	Vestas	V116	NB18018320	06/28/2019	2.00	1	2
101	Vestas	V116	NB18018341	06/28/2019	2.00	1	2
102	Vestas	V116	NB18018334	06/28/2019	2.00	1	2
103	Vestas	V116	NB18018304	06/28/2019	2.00	1	2
105	Vestas	V116	NB18018336	06/28/2019	2.00	1	2
106	Vestas	V116	NB18018339	06/28/2019	2.00	1	2
107	Vestas	V116	NB18018348	06/28/2019	2.00	1	2
108	Vestas	V116	NB18018296	06/28/2019	2.00	1	2
109	Vestas	V116	NB18018272	06/28/2019	2.00	1	2
110	Vestas	V116	NB18018061	06/28/2019	2.00	1	2
111	Vestas	V116	NB18018276	06/28/2019	2.00	1	2
112	Vestas	V116	NB18018292	06/28/2019	2.00	1	2
113	Vestas	V116	NB18018040	06/28/2019	2.00	1	2
114	Vestas	V116	NB18018278	06/28/2019	2.00	1	2
115	Vestas	V116	NB18018285	06/28/2019	2.00	1	2
116	Vestas	V116	NB18018279	06/28/2019	2.00	1	2
117	Vestas	V116	NB18018323	06/28/2019	2.00	1	2
118	Vestas	V116	NB18018282	06/28/2019	2.00	1	2
119	Vestas	V116	NB18018286	06/28/2019	2.00	1	2
120	Vestas	V116	NB18018291	06/28/2019	2.00	1	2



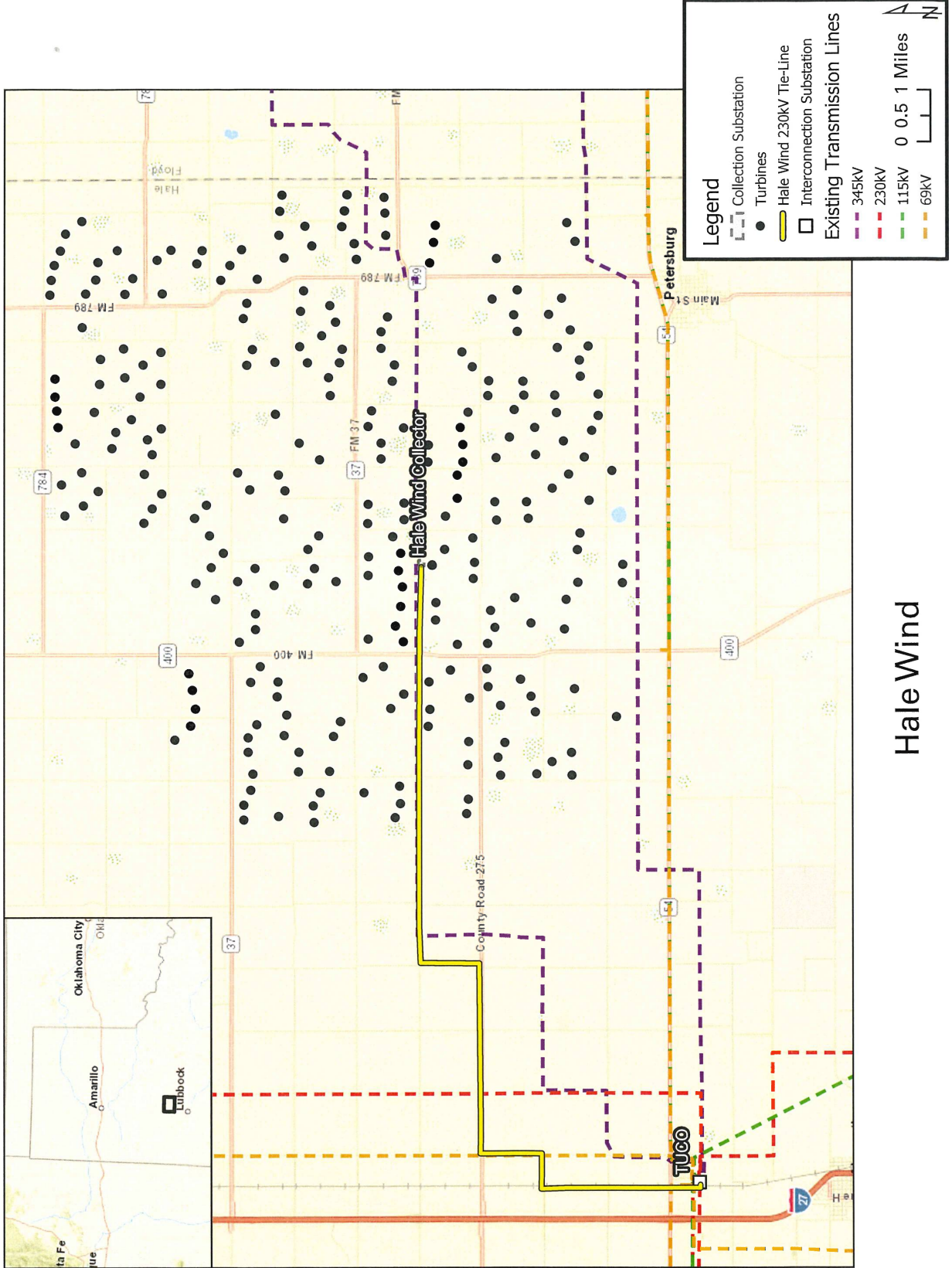
List of Generating Units at Facility

Turbine Pad	Manufacturer	Make	Serial Number(s)	Date Commercial Operation Began/Begins	Capacity per Unit (MW)	Number of Units	Capacity (MW)
121	Vestas	V116	NB18018294	06/28/2019	2.00	1	2
122	Vestas	V116	NB18018271	06/28/2019	2.00	1	2
123	Vestas	V116	NB18018283	06/28/2019	2.00	1	2
124	Vestas	V116	NB18018281	06/28/2019	2.00	1	2
125	Vestas	V116	NB18018270	06/28/2019	2.00	1	2
126	Vestas	V116	NB18018290	06/28/2019	2.00	1	2
127	Vestas	V116	NB18018288	06/28/2019	2.00	1	2
128	Vestas	V116	NB18018275	06/28/2019	2.00	1	2
129	Vestas	V116	NB18018273	06/28/2019	2.00	1	2
130	Vestas	V116	NB18018287	06/28/2019	2.00	1	2
131	Vestas	V116	NB18018051	06/28/2019	2.00	1	2
132	Vestas	V116	NB18018064	06/28/2019	2.00	1	2
133	Vestas	V116	NB18018289	06/28/2019	2.00	1	2
134	Vestas	V116	NB18018048	06/28/2019	2.00	1	2
135	Vestas	V116	NB18018295	06/28/2019	2.00	1	2
136	Vestas	V116	NB18018056	06/28/2019	2.00	1	2
137	Vestas	V116	NB18018049	06/28/2019	2.00	1	2
138	Vestas	V116	NB18018053	06/28/2019	2.00	1	2
139	Vestas	V116	NB18018041	06/28/2019	2.00	1	2
140	Vestas	V116	NB18018338	06/28/2019	2.00	1	2
141	Vestas	V116	NB18018349	06/28/2019	2.00	1	2
142	Vestas	V116	NB18018299	06/28/2019	2.00	1	2
143	Vestas	V116	NB18018324	06/28/2019	2.00	1	2
144	Vestas	V116	NB18018062	06/28/2019	2.00	1	2
145	Vestas	V116	NB18018311	06/28/2019	2.00	1	2
146	Vestas	V116	NB18018060	06/28/2019	2.00	1	2
147	Vestas	V116	NB18018328	06/28/2019	2.00	1	2
148	Vestas	V116	NB18018333	06/28/2019	2.00	1	2
149	Vestas	V116	NB18018322	06/28/2019	2.00	1	2
150	Vestas	V116	NB18018302	06/28/2019	2.00	1	2
151	Vestas	V116	NB18018350	06/28/2019	2.00	1	2
153	Vestas	V116	NB18018430	06/28/2019	2.00	1	2
154	Vestas	V116	NB19018490	06/28/2019	2.00	1	2
155	Vestas	V116	NB18018357	06/28/2019	2.00	1	2
156	Vestas	V116	NB18018428	06/28/2019	2.00	1	2
157	Vestas	V116	NB18018455	06/28/2019	2.00	1	2
158	Vestas	V116	NB18018369	06/28/2019	2.00	1	2
159	Vestas	V116	NB18018438	06/28/2019	2.00	1	2
160	Vestas	V116	NB18018376	06/28/2019	2.00	1	2
161	Vestas	V116	NB19018492	06/28/2019	2.00	1	2
162	Vestas	V116	NB18018327	06/28/2019	2.00	1	2
163	Vestas	V116	NB18018319	06/28/2019	2.00	1	2
164	Vestas	V116	NB18018310	06/28/2019	2.00	1	2
165	Vestas	V116	NB18018308	06/28/2019	2.00	1	2
166	Vestas	V116	NB18018372	06/28/2019	2.00	1	2
167	Vestas	V116	NB18018368	06/28/2019	2.00	1	2
168	Vestas	V116	NB18018354	06/28/2019	2.00	1	2
169	Vestas	V116	NB18018426	06/28/2019	2.00	1	2
170	Vestas	V116	NB19018493	06/28/2019	2.00	1	2
171	Vestas	V116	NB18018306	06/28/2019	2.00	1	2
172	Vestas	V116	NB18018312	06/28/2019	2.00	1	2
173	Vestas	V116	NB18018332	06/28/2019	2.00	1	2
174	Vestas	V116	NB18018351	06/28/2019	2.00	1	2
175	Vestas	V116	NB18018307	06/28/2019	2.00	1	2
176	Vestas	V116	NB18018043	06/28/2019	2.00	1	2
177	Vestas	V116	NB18018331	06/28/2019	2.00	1	2
178	Vestas	V116	NB18018298	06/28/2019	2.00	1	2
179	Vestas	V116	NB18018316	06/28/2019	2.00	1	2
180	Vestas	V116	NB18018325	06/28/2019	2.00	1	2



List of Generating Units at Facility

Turbine Pad	Manufacturer	Make	Serial Number(s)	Date Commercial Operation Began/Begins	Capacity per Unit (MW)	Number of Units	Capacity (MW)
181	Vestas	V116	NB18018335	06/28/2019	2.00	1	2
182	Vestas	V116	NB18018330	06/28/2019	2.00	1	2
186	Vestas	V116	NB18018456	06/28/2019	2.00	1	2
187	Vestas	V116	NB18018361	06/28/2019	2.00	1	2
188	Vestas	V116	NB18018457	06/28/2019	2.00	1	2
189	Vestas	V116	NB18018317	06/28/2019	2.00	1	2
190	Vestas	V116	NB18018314	06/28/2019	2.00	1	2
191	Vestas	V116	NB18018309	06/28/2019	2.00	1	2
192	Vestas	V116	NB19018495	06/28/2019	2.00	1	2
193	Vestas	V116	NB18018425	06/28/2019	2.00	1	2
194	Vestas	V116	NB18018315	06/28/2019	2.00	1	2
195	Vestas	V116	NB18018360	06/28/2019	2.00	1	2
196	Vestas	V116	NB18018358	06/28/2019	2.00	1	2
197	Vestas	V116	NB18018439	06/28/2019	2.00	1	2
198	Vestas	V116	NB18018305	06/28/2019	2.00	1	2
199	Vestas	V116	NB18018326	06/28/2019	2.00	1	2
200	Vestas	V116	NB18018303	06/28/2019	2.00	1	2
205	Vestas	V116	NB18018346	06/28/2019	2.00	1	2
206	Vestas	V116	NB18018318	06/28/2019	2.00	1	2
207	Vestas	V116	NB18018313	06/28/2019	2.00	1	2
208	Vestas	V116	NB18018373	06/28/2019	2.00	1	2
209	Vestas	V116	NB18018301	06/28/2019	2.00	1	2
210	Vestas	V116	NB18018355	06/28/2019	2.00	1	2
211	Vestas	V116	NB18018458	06/28/2019	2.00	1	2
212	Vestas	V116	NB18018440	06/28/2019	2.00	1	2
213	Vestas	V116	NB18018365	06/28/2019	2.00	1	2
214	Vestas	V116	NB18018436	06/28/2019	2.00	1	2
215	Vestas	V116	NB18018432	06/28/2019	2.00	1	2
216	Vestas	V116	NB18018356	06/28/2019	2.00	1	2
217	Vestas	V116	NB18018364	06/28/2019	2.00	1	2
218	Vestas	V116	NB18018353	06/28/2019	2.00	1	2
219	Vestas	V116	NB18018435	06/28/2019	2.00	1	2
220	Vestas	V116	NB18018437	06/28/2019	2.00	1	2
221	Vestas	V116	NB18018352	06/28/2019	2.00	1	2
222	Vestas	V116	NB18018370	06/28/2019	2.00	1	2
223	Vestas	V116	NB18018431	06/28/2019	2.00	1	2
224	Vestas	V116	NB19018491	06/28/2019	2.00	1	2
225	Vestas	V116	NB18018433	06/28/2019	2.00	1	2
226	Vestas	V116	NB18018429	06/28/2019	2.00	1	2
227	Vestas	V116	NB19018488	06/28/2019	2.00	1	2
228	Vestas	V116	NB18018434	06/28/2019	2.00	1	2
229	Vestas	V116	NB19018486	06/28/2019	2.00	1	2
230	Vestas	V116	NB18018366	06/28/2019	2.00	1	2
231	Vestas	V116	NB18018359	06/28/2019	2.00	1	2
232	Vestas	V116	NB19018489	06/28/2019	2.00	1	2
233	Vestas	V116	NB19018487	06/28/2019	2.00	1	2
234	Vestas	V116	NB18018362	06/28/2019	2.00	1	2
235	Vestas	V116	NB18018374	06/28/2019	2.00	1	2
236	Vestas	V116	NB18018363	06/28/2019	2.00	1	2
237	Vestas	V116	NB18018375	06/28/2019	2.00	1	2
238	Vestas	V116	NB18018427	06/28/2019	2.00	1	2
239	Vestas	V116	NB18018367	06/28/2019	2.00	1	2
Alt1	Vestas	V116	NB18018046	06/28/2019	2.00	1	2
Alt10	Vestas	V116	NB18018026	06/28/2019	2.00	1	2
Alt17	Vestas	V116	NB18018001	06/28/2019	2.00	1	2
Alt2	Vestas	V116	NB18018054	06/28/2019	2.00	1	2
Alt22	Vestas	V116	NB18018044	06/28/2019	2.00	1	2
Alt30	Vestas	V116	NB18018025	06/28/2019	2.00	1	2
Alt31	Vestas	V116	NB18018344	06/28/2019	2.00	1	2
Alt32	Vestas	V116	NB18018345	06/28/2019	2.00	1	2
Alt4	Vestas	V116	NB19018494	06/28/2019	2.00	1	2
Alt6	Vestas	V116	NB18018284	06/28/2019	2.00	1	2



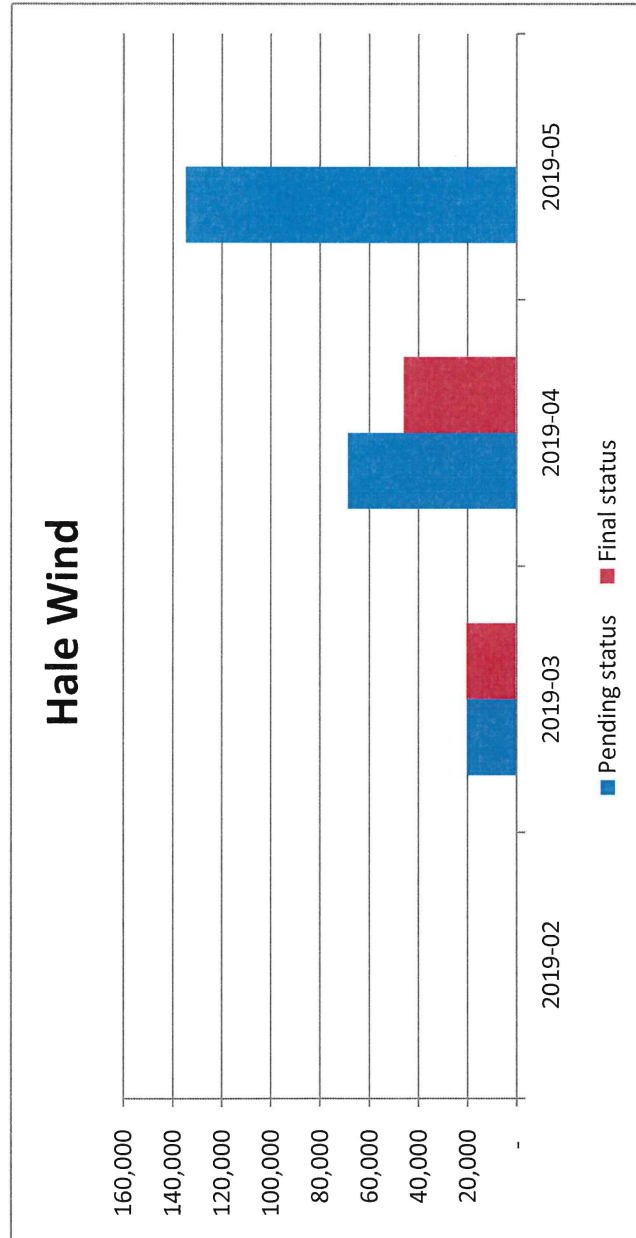
Hale Wind



Historical Output of the facility as of 2019-June-06

Location	SPS.HALE.WND	Sum of RT Meter (MWh)
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Period	Pending status	Final status	Notes
2019-02	392	392	Final
2019-03	20,486	20,486	Final
2019-04	68,844	46,028	Partial Pending
2019-05	134,888		Pending
<b>Grand Total</b>	<b>224,610</b>	<b>66,906</b>	



**Southwestern Public Service Company**  
**Appendix C: Summary of Renewable Energy Cost Recovery**  
**For Costs Incurred in 2022**

Renewable Energy Cost Component	Description	2022 Recovery Mechanism	Case No(s).
Caprock & San Juan (Wind) PPAs	GENERAL	<b>General.</b> The Caprock & San Juan wind facilities are located in New Mexico. The RECs associated with these PPAs are used to comply with the NM REA. SPS separates the costs between RECs and energy, which have different cost recovery treatment.	Case No. 04-00334-UT 12/21/2004
			Case No. 05-00354-UT 12/20/2005
			Case No. 10-00395-UT 12/28/2011
Case No. 12-00350-UT 3/26/2014			
Case No. 14-00198-UT 12/10/2014			
RECS	<b>RECs.</b> The RECs from the Caprock and San Juan wind contracts are administratively assigned a value (currently, \$1.35/MWh). Prior to 2013, each REC was placed in a "REC bank" upon generation and as RECs were disposed of (retired for annual REA compliance, transferred to wholesale customers, sold, or expired), the RECs were valued at \$1.35 and placed in the "REC Tracker". In Case No. 12-00350-UT, SPS received approval for the elimination of the REC tracker for RECs generated after 12/31/2013. Currently, RECs are recovered through the RPS Rider. NM retail customers receive a credit for TX-generated RECs.	RPS Rider	Case No.20-000143-UT 12/16/2020
		ENERGY	<b>Energy.</b> The energy (total price less the REC) is allocated among SPS's three jurisdictions (NM retail, TX retail, and Wholesale) and collected through the applicable fuel adjustment clauses.



**Southwestern Public Service Company**  
**Appendix C: Summary of Renewable Energy Cost Recovery**  
**For Costs Incurred in 2022**

Renewable Energy Cost Component		Description	2022 Recovery Mechanism	Case No(s).
SunE (Solar) PPAs	GENERAL	<b>General.</b> SPS purchased energy from 5 facilities located in NM. The contract price is administratively segregated into three parts: (i) REC; (ii) energy at and below avoided cost; and (iii) energy above avoided cost. Each piece has a different cost recovery treatment.		Case No. 10-00015-UT 9/14/2010
				Case No. 12-00350-UT 3/26/2014
				Case No. 14-00198-UT 12/10/2014
				Case No. 20-00143-UT 12/16/2020
	RECs	<b>RECs.</b> The RECs are currently assigned a value based on the Roswell and Chaves Solar REC prices. Prior to January 1, 2021 RECs were assigned a value of \$10/MWh.	RPS Rider	
	ENERGY	<b>Energy at and Below Avoided Costs.</b> Economic energy is allocated among SPS's three jurisdictions (NM retail, TX retail, and Wholesale) and collected through the applicable fuel adjustment clauses.	FPPCAC	
		<b>Energy Above Avoided Costs.</b> Energy above avoided cost is <u>directly assigned</u> to the NM retail jurisdiction. These costs were recovered through the RPS Rider.	RPS Rider	

**Southwestern Public Service Company**  
**Appendix C: Summary of Renewable Energy Cost Recovery**  
**For Costs Incurred in 2022**

Renewable Energy Cost Component	Description	2022 Recovery Mechanism	Case No(s).	
<b>Bonita Wind Energy, Mammoth Plains Wind Project Holdings, Palo Duro Wind Energy, PPAs</b>	<b>GENERAL.</b> The Bonita (I & II) and Palo Duro wind facilities are located in Texas. The Mammoth Plains facility is located in Oklahoma. SPS has been purchasing energy from the projects for several years and costs are allocated among SPS's three jurisdictions (NM retail, TX retail, and Wholesale) and collected through the applicable fuel adjustment clauses. In Case No. 20-00143-UT, SPS was authorized to begin purchasing the NM share of RECs from these facilities. SPS purchases the NM share of RECs associated with these PPAs to comply with the RPS.		Case No. 20-00143-UT 12/16/2020	
	<b>RECs.</b> The RECs from Lorenzo (Bonita I), Wildcat (Bonita II), Mammoth Plains and Palo Duro are priced according to contract. (\$1.05/MWh). REC costs are recovered through the RPS Rider.	RPS Rider	Case No.20-000143-UT	12/16/2020
	<b>ENERGY.</b> Energy is recovered through the FPPCAC, in the same manner that energy is recovered from the existing allocation of the New Mexico retail allocation of the PPAs	FPPCAC		

**Southwestern Public Service Company**  
**Appendix C: Summary of Renewable Energy Cost Recovery**  
**For Costs Incurred in 2022**

Renewable Energy Cost Component	Description	2022 Recovery Mechanism	Case No(s).	
Roswell, Chaves Solar Facilities	GENERAL	<p><b>General.</b> The Roswell and Chaves solar facilities are located in New Mexico. SPS has been purchasing energy from the projects for several years and costs are allocated among SPS's three jurisdictions (NM retail, TX retail, and Wholesale) and collected through the applicable fuel adjustment clauses. In Case No. 20-00143-UT, SPS was authorized to begin purchasing the NM share of RECs from these facilities. SPS purchases the NM share of RECs associated with these PPAs to comply with the RPS. The RECs associated with these PPAs are used to comply with the NM REA.</p>	Case No.20-000143-UT 12/16/2020	
		RECS	<p><b>RECs.</b> The RECs from the Roswell and Chaves solar facilities are priced according to contract. REC costs are recovered through the RPS Rider.</p>	RPS Rider Case No.20-000143-UT 12/16/2020
		ENERGY	<p><b>Energy.</b> Energy is recovered through the FPPCAC, in the same manner that energy is recovered from the existing allocation of the New Mexico retail allocation of the PPAs</p>	FPPCAC

**Southwestern Public Service Company**  
**Appendix C: Summary of Renewable Energy Cost Recovery**  
**For Costs Incurred in 2022**

<b>Renewable Energy Cost Component</b>		<b>Description</b>	<b>2022 Recovery Mechanism</b>	<b>Case No(s).</b>
DG Incentive Programs	<b>GENERAL</b>	<b>General.</b> SPS provides eligible customers with an incentive payment to encourage the deployment of distributed generation.		Case No. 12-00350-UT 3/26/2014 Case No. 14-00198-UT 12/10/2014
	<b>RECs</b>	<b>Incentive (REC) payment.</b> The DG programs, including the applicable incentive payments and contract terms were approved by the Commission. The incentive payments SPS provides to applicable customers are collected through the RPS Rider.	RPS Rider	
	<b>ENERGY</b>	<b>Incremental/Admin costs.</b> Collected through the RPS Rider.	RPS Rider	

**Southwestern Public Service Company**  
**Appendix C: Summary of Renewable Energy Cost Recovery**  
**For Costs Incurred in 2022**

<b>Renewable Energy Cost Component</b>		<b>Description</b>	<b>2022 Recovery Mechanism</b>	<b>Case No(s).</b>
WREGIS	<b>GENERAL</b>	<b>General.</b> SPS is required by the REA and Rule 572 to use WREGIS to track NM-generated RECs. The administrative fees charged by WREGIS are collected through the RPS Rider.	RPS Rider	Case No. 12-00350-UT Case No. 14-00198-UT 3/26/2014 12/10/2014
Reconciliation Rider	<b>RIDER APPROVAL</b>	<b>RPS Reconciliation Rider Approval.</b> The Reconciliation Rider was designed to true up charges or credits related to the time prior to the emilination of the Qualifying Large Customer Cap.	RPS Reconciliaion Rider	Case No. 19-00134-UT 4/22/2020

\* Note: There are no costs associated with Sagamore and Hale Wind RECs. SPS was authorized to (i) retire the RECs associated with the Sagamore and Hale wind facilities for RPS compliance as needed; and (ii) sell Sagamore and Hale RECs not used for RPS compliance or to offset any greenhouse gas standards and allocate the proceeds as credits to SPS's New Mexico retail customers through SPS's FPPCAC. Case No. 18-00201-UT Recommended Decision Decretal Paragraph F.

Southwestern Public Service Company  
Appendix D: Summary of Renewable Costs Incurred and Recovery Mechanism  
For Costs Incurred in 2022

Line No.	Description	(A) = (B) + (D) +	(B)	(C)	(D)	(E)	(F)	(G) = (C) + (E) + (F)
		(F)	(B)	(C)	(D)	(E)	(F)	(G)
		Total Cost	Base Rates	NM Retail Base Rates	System Fuel <sup>1</sup>	NM Retail Allocation - Fuel	RPS Rider	Total NM Retail Allocation
1	<b>Wind</b>							
2	Energy Only (San Juan, Caprock, Mesalands)	\$ 24,857,966	\$ -	\$ -	\$ 24,857,966	\$ 9,276,364	\$ -	\$ 9,276,364
3	RECs (San Juan, Caprock)	705,461	-	-	-	-	705,461	705,461
4	Mammoth Plains Energy Only	17,564,367	-	-	17,564,367	6,527,377	-	6,527,377
5	Mammoth Plains RECs	301,321	-	-	-	-	301,321	301,321
6	Palo Duro Energy Only	25,368,841	-	-	25,368,841	9,416,875	-	9,416,875
7	Palo Duro RECs	385,045	-	-	-	-	385,045	385,045
8	Total Wind (L2:L7)	\$ 69,183,000	\$ -	\$ -	\$ 67,791,174	\$ 25,220,616	\$ 1,391,826	\$ 26,612,442
9	<b>Owned Wind <sup>2</sup></b>							
10	Base Rates	\$ 208,338,293	\$ 208,338,293	\$ 77,155,569	\$ -	\$ -	\$ -	\$ 77,155,569
11	Fuel Savings	(129,744,122)	-	-	(129,744,122)	(47,857,995)	-	(47,857,995)
12	PTCs	(126,583,396)	-	-	(126,583,396)	(47,059,254)	-	(47,059,254)
13	Total Owned Wind (L10:L12)	\$ (47,989,226)	\$ 208,338,293	\$ 77,155,569	\$ (256,327,518)	\$ (94,917,249)	\$ -	\$ (17,761,681)
14	<b>Solar</b>							
15	SunE Economic Energy	\$ 7,866,497	\$ -	\$ -	\$ 7,866,497	\$ 2,883,290	\$ -	\$ 2,883,290
16	SunE Uneconomic Energy	7,655,982	-	-	-	-	7,655,982	7,655,982
17	SunE RECs	60,525	-	-	-	-	60,525	60,525
18	Roswell Energy Only - NM Alloc	7,186,644	-	-	7,186,644	2,652,941	-	2,652,941
19	Roswell RECs - NM Alloc	31,790	-	-	-	-	31,790	31,790
20	Chaves Energy Only - NM Alloc	7,384,926	-	-	7,384,926	2,725,822	-	2,725,822
21	Chaves RECs - NM Alloc	32,108	-	-	-	-	32,108	32,108
22	Total Solar (L15:L21 )	\$ 30,218,470	\$ -	\$ -	\$ 22,438,066	\$ 8,262,053	\$ 7,780,404	\$ 16,042,457
23	<b>DG</b>							
24	Incentives & Administration	\$ 937,457	-	-	-	-	\$ 937,457	\$ 937,457
25	Total DG	\$ 937,457	\$ -	\$ -	\$ -	\$ -	\$ 937,457	\$ 937,457
26	<b>WREGIS</b>							
27	Registration Costs	\$ 10,171	-	-	-	-	\$ 10,171	\$ 10,171
28	Total WREGIS	\$ 10,171	\$ -	\$ -	\$ -	\$ -	\$ 10,171	\$ 10,171
29	<b>Total Renewable Energy Costs (L8 + L13 + L22 + L25 + L28)</b>	<b>\$ 52,359,873</b>	<b>\$ 208,338,293</b>	<b>\$ 77,155,569</b>	<b>\$ (166,098,278)</b>	<b>\$ (61,434,580)</b>	<b>\$ 10,119,858</b>	<b>\$ 25,840,847</b>

<sup>1</sup> Represents a total company (SPS) amount before allocation among SPS's three jurisdictions (NM Retail, TX Retail, and FERC).

<sup>2</sup> Hale and Sagamore costs are illustrative and based on the Annual Report filed in compliance with the Case No. 17-00044-UT Modified Unanimous Comprehensive Stipulation.

**Southwestern Public Service Company**  
**Appendix E: RPS Rider Reconciliation**  
**For Costs Incurred in 2022**

Line No.	Description	(A) Total Projected Costs <sup>1</sup>	(B) Actual Costs	(C) Revenue	(D)=(C)-(B) Over/(Under) Recovery
1	Reconcile 2022 Reconciliation Rider:				
2	2020 RPS Rider Reconciliation (Under-Recovery)	\$ 537,217.30	\$ 537,217.30	\$ 417,513.07	\$ (119,704.23)
3	2020 Rider Interest	\$ (42,318.19)	\$ (42,318.19)	\$ (42,318.19)	-
4	2018 Reconciliation Rider Interest Under-Recovery <sup>2</sup>		\$ 10,884.22		(10,884.22)
5	<b>Portion for RPS Reconciliation Rate (Tariff No.77) (L2:L4)<sup>1</sup></b>	<b>\$ 494,899.11</b>	<b>\$ 505,783.33</b>	<b>\$ 375,194.88</b>	<b>\$ (130,588.45)</b>
6	2020 RPS Rider Reconciliation (Under-Recovery)	3,468,716	3,468,716	3,468,716	-
7	2020 Rider Interest	(10,118)	(10,118)	(10,118)	-
8	2022 Annual Costs:				
9	DG (Incentive, Admin, and Marketing)	\$ 960,653.00	\$ 937,457.37	\$ 1,050,828.98	113,371.61
10	WREGIS	\$ 16,946.35	10,170.85	18,537.09	8,366.24
11	SunE RECs	\$ 57,879.26	60,525.07	63,312.36	2,787.29
12	SunE Uneconomic Costs	\$ 12,761,776.30	7,655,981.63	13,959,717.41	6,303,735.78
13	Solar RECs (other than SunE)	\$ 64,777.73	63,897.39	70,858.38	6,960.99
14	Wind RECs	\$ 1,664,036.97	1,391,827.22	1,820,239.23	428,412.01
15	<b>Total Over (Under)-Recovery on Current Costs</b>	<b>\$ 15,526,069.61</b>	<b>\$ 10,119,859.53</b>	<b>\$ 16,983,493.46</b>	<b>\$ 6,863,633.93</b>
16	<b>Portion for RPS Rider Rate (Tariff No. 70) (L6:L14)</b>	<b>\$ 18,984,667.82</b>	<b>\$ 13,578,457.74</b>	<b>\$ 20,442,091.66</b>	<b>\$ 6,863,633.93</b>
17	<b>Total (+L5+L15)</b>	<b>\$ 19,479,566.93</b>	<b>\$ 14,084,241.07</b>	<b>\$ 20,817,286.54</b>	<b>\$ 6,733,045.48</b>

<sup>1</sup> Return of 2019 Over-Recovery must be treated differently due to elimination of large customer caps in 2020.

<sup>2</sup> 2018 interest was inadvertently omitted from prior filings.

Southwestern Public Service Company  
Appendix F: Quarterly Excess DG Generation Reconciliation  
For 2022

Line No.	Month	Recon. Period	Excess Generation (kWh)	Amount Initially Paid Based on Estimated Price	Average Estimated Price per kWh	Amounts Based on SPP IM Prices	Average Actual Price per kWh	Reconciling Amounts	Interest	Total
1	Jan-22		497,463	16,576	\$ 0.033320	12,005	\$ 0.024132			
2	Feb-22		552,663	26,794	\$ 0.048482	25,572	\$ 0.046271			
3	Mar-22		635,932	33,459	\$ 0.052615	14,881	\$ 0.023400			
4		<b>Quarter 1</b>		<b>\$ 76,829</b>		<b>\$ 52,458</b>		<b>\$ 24,371</b>	<b>\$ 28</b>	<b>\$ 24,399</b>
5	Apr-22		693,399	36,410	\$ 0.052509	55,659	\$ 0.080270			
6	May-22		790,726	41,604	\$ 0.052615	54,044	\$ 0.068347			
7	Jun-22		567,779	29,874	\$ 0.052615	27,487	\$ 0.048411			
8		<b>Quarter 2</b>		<b>\$ 107,887</b>		<b>\$ 137,189</b>		<b>\$ (29,302)</b>	<b>\$ (34)</b>	<b>\$ (29,336)</b>
9	Jul-22		395,203	20,794	\$ 0.052615	27,519	\$ 0.069633			
10	Aug-22		346,431	18,227	\$ 0.052615	26,116	\$ 0.075386			
11	Sep-22		401,430	21,096	\$ 0.052553	30,281	\$ 0.075432			
12		<b>Quarter 3</b>		<b>\$ 60,117</b>		<b>\$ 83,916</b>		<b>\$ (23,799)</b>	<b>\$ (27)</b>	<b>\$ (23,826)</b>
13	Oct-22		462,186	24,318	\$ 0.052615	20,136	\$ 0.043566			
14	Nov-22		613,082	32,257	\$ 0.052615	24,054	\$ 0.039234			
15	Dec-22		496,046	26,099	\$ 0.052615	16,160	\$ 0.032578			
16		<b>Quarter 4</b>		<b>\$ 82,675</b>		<b>\$ 60,350</b>		<b>\$ 22,325</b>	<b>\$ 25</b>	<b>\$ 22,350</b>
19	<b>2022 Total Cost / (Refund) (L4+L8+L12+L16)</b>							<b>\$ (6,405)</b>	<b>\$ (8)</b>	<b>\$ (6,413)</b>



**Southwestern Public Service Company**  
**Appendix G: Solar\*Connect Analysis**  
**For 2022**

**Line**  
**No.**

1	SoCore Facility Generation		5,614.57	MWh
2	Solar*Connect Sales		5,048.00	MWh
3	Net (L1-L2)		<u>566.57</u>	
4	2022 Solar*Connect Rate (Rate 76):			
5	Solar*Connect Charge		\$ 39.78	/MWh
6	Solar*Connect Credit		<u>\$ 26.52</u>	/MWh
7	Net=Solar*Connect Premium (L5-L6)		\$ 13.26	
8	<b>Non-Subscriber Subsidization (L3*L7)</b>		<b>\$ 7,513</b>	
9	Purchases from SoCore Facility		\$ 223,348	
10	Assumed Avoided Cost based on 2022 Rate (L1*L6)		<u>\$ (148,898)</u>	
11	Net (L9-L10)		\$ 74,449	
12	Soar*Connect Revenue		<u>\$ 66,936</u>	
13	<b>Non-Subscriber Subsidization (L11-L12)</b>		<b>\$ 7,513</b>	

**Southwestern Public Service Company**  
**Appendix H: RPS Rule Map**  
**For the 2022 RPS Report**

<b>REPORT (Rule 572.19)</b>	<b><u>Requirement</u></b>	<b><u>Rule Citation</u></b>	<b><u>Reference</u></b>
1	Itemize Renewable Energy Generation & REC purchases and sales	19.A1	RPS Report Section II & Appendix A
2	List and include copies of all RECs acquired, issued or retired	19.A2	RPS Report Section II & RPS Report Appendix B
3	Document from WREGIS and ERCOT (RECs): a) acquired b) sold c) retired d) transferred and e) expired	19.A3	RPS Report Section II & RPS Report Appendix B
4	Describe retirements made to meet RPS compliance based on actual retail sales and procurement costs, for most recent reporting period including, the reductions, if any, to the RPS for: (a) purchases by retail customers through an approved voluntary program, or (b) due to the RCT (c) explain and demonstrate how the reduction was determined; and (d) quantity of RECc banked for future compliance use	19.A4	RPS Report Appendix A RPS Report Appendices C-E RPS Report Section II
5	Describe and quantify the implementation of the voluntary renewable tariff requirements in 17.9.572.18 NMAC	19.A5	RPS Report Section III
6	Present a full explanation of approved recovery mechanisms for approved annual renewable energy plan costs and a complete accounting of all collected and deferred amounts	19.A6	RPS Report Section IV RPS Report Appendices C-E

7	Describe and tabulate the utility's compliance with its renewable portfolio standard for a given report year and describe how the compliance relates to the first year a new renewable portfolio standard becomes effective as established in Subsection A of Section 62-16-4 NMSA 1978 (2019) and Subsection A of 17.9.572.10 NMAC and describe how the compliance relates the first year of the next new renewable portfolio standard.	19.A7	N/A
8	The report shall include the following to demonstrate compliance with the renewable portfolio standard: (1) report year total utility renewable portfolio standard requirement in megawatt-hours; (2) report year total utility renewable portfolio standard compliance in megawatt-hours; (3) report year total utility renewable portfolio standard provided by eligible renewable energy resources in megawatt-hours listed by resource and totaled; (4) percentage of report year total utility renewable portfolio standard megawatt-hours provided by eligible renewable energy resources; and (5) report year kilowatt-hour generation by facility from coal-fired generating facilities allocated to New Mexico retail customers.	19.B	RPS Report Appendix A RPS Report Section II RPS Report Section VII

**REPORT (REA § 62-16-5)**

9	Renewable energy certificates: .....The public utility shall annually file a report with the commission discussing:	§ 62-16-5 (B) (2)	
10	its use, sale, trading or transfer of renewable energy certificates	§ 62-16-5 (B) (2)(a)	RPS Report Section II & Appendix A
11	whether and how its public claims of renewable energy generation account for renewable energy certificates that it has traded, sold or transferred	§ 62-16-5 (B) (2)(b)	RPS Report Section II
12	Renewable energy certificates: that are used for the purpose of meeting the renewable portfolio standard shall be registered with a renewable energy generation information system that is designed to create and track ownership of renewable energy certificates and that, through the use of independently audited generation data, verifies the generation and delivery of electricity associated with each renewable energy certificate and protects against multiple counting of the same renewable energy certificate	§ 62-16-5 (B) (3)	RPS Report Appendix B
13	may be carried forward for up to four years from the date of issuance to establish compliance with the renewable portfolio standard, after which they shall be deemed retired by the public utility	§ 62-16-5 (B) (4)	RPS Report Appendix A
14	A public utility shall be responsible for demonstrating that a renewable energy certificate used for compliance with the renewable portfolio standard is derived from eligible renewable energy resources	§ 62-16-5 (C )	RPS Report Section II

**Southwestern Public Service Company**

**Appendix I: 2022 NM Retail Sales and Voluntary Program Sales by Class \*  
For the 2022 RPS Report**

	Factor	2022	Voluntary Program Sales (Solar*Connect) (MWH)	Net	RPS %	Est. RPS by Customer Class
Residential	13.55%	1,216,819	4,177	1,212,642	20%	242,528
Small C&I	25.24%	2,267,036	220	2,266,816	20%	453,363
Large C&I	59.64%	5,357,152	651	5,356,501	20%	1,071,300
Street Lighting	0.07%	6,496		6,496	20%	1,299
Other Public Authority	1.51%	135,190		135,190	20%	27,038
		<b>8,982,693</b>	<b>5,048</b>	<b>8,977,645</b>		<b>1,795,529</b>

\*For Informational Purposes Only

**SOUTHWESTERN PUBLIC SERVICE COMPANY**

**2023 FILING OF THE ANNUAL RENEWABLE ENERGY ACT  
PLAN FOR 2024 PLAN YEAR AND 2025 NEXT PLAN YEAR**

**Prepared in Compliance with 17.9.572.14 NMAC  
and NMSA 1978, § 62-16-4**

**June 30, 2023**

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## GLOSSARY OF ACRONYMS AND DEFINED TERMS

<b><u>Acronym/Defined Term</u></b>	<b><u>Meaning</u></b>
2021 IRP	SPS's current Integrated Resource Plan
Commission	New Mexico Public Regulation Commission
DG	Distributed Generation
ETA	Energy Transition Act
MW	Megawatt
MWh	Megawatt-hour
Next Plan Year	SPS's Annual Renewable Energy Act Plan for 2025
Plan Year	SPS's Annual Renewable Energy Act Plan for 2024
PPA	Purchased Power Agreement
REA	Renewable Energy Act (NMSA 1978, §§ 62-16-1 to 62-16-10)
REC	Renewable Energy Certificate
RCT	Reasonable Cost Threshold
RPS	Renewable Portfolio Standard
Rule 572	17.9.572 NMAC – Renewable Energy Rule for Electric Utilities
SPS	Southwestern Public Service Company, a New Mexico corporation
Total Company	Total SPS (Before jurisdictional allocation)

## LIST OF APPENDICES

<b><u>Appendix</u></b>	<b><u>Description</u></b>
Appendix A	2024 and 2025 RPS Summary
Appendix B	2024 and 2025 RPS Cost and Recovery Summary
Appendix C	2024 and 2025 RPS Cost Detail
Appendix D	Non-Renewable Facility Information Provided in Accordance with Section 62-16-4 (G) (2) of the REA



## **I. INTRODUCTION**

Southwestern Public Service Company (“SPS”), a New Mexico corporation, files its 2023 Annual Renewable Energy Act Filing for 2024 (“Plan Year”) and 2025 (“Next Plan Year”) in compliance with the Renewable Energy Act (NMSA 1978, §§ 62-16-1 to 62-16-10 – “REA”) and New Mexico Public Regulation Commission’s (“Commission”) Rule 572 (17.9.572 NMAC – Renewable Energy for Electric Utilities, as amended (February 2023) – “Rule 572”).

In regards to the annual renewable plan filings, Rule 572 requires supporting testimony and data for the Plan Year and Next Plan Year Renewable Portfolio Standard (“RPS”) requirements and planned renewable procurements. Specifically, Rule 572.14(C) requires that each annual renewable energy act plan include:

1. testimony and exhibits providing a full explanation of the utility’s determination of the plan year and next plan year RPS and Reasonable Cost Threshold (“RCT”);
2. the cost of procurement in the plan year and the next plan year for all new renewable energy resources required to comply with the RPS selected by the utility pursuant to 17.9.572.10 NMAC;
3. the amount of renewable energy the public utility plans to provide in the plan year and the next plan year required to comply with the RPS;
4. testimony and exhibits demonstrating how the cost and amount specified in paragraphs (2) and (3) were determined;
5. testimony and exhibits demonstrating the plan year and next plan year procurement amounts and costs expected to be recovered by the utility;
6. the capital, operating and fuel costs on a per-megawatt-hour basis during the preceding calendar year of each nonrenewable generation resource rate-based by the utility, or dedicated to the

utility through a power purchase agreement of one year or longer, and the nonrenewable generation resources' carbon dioxide emissions on a per-megawatt-hour basis during the same year;

7. testimony and exhibits demonstrating the plan year and next plan year procurement amounts and costs expected to be recovered by the utility if limited by the RCT;
8. testimony demonstrating that the cost of the proposed procurement is reasonable compared with the price of electricity from renewable resources in the bids received by the public utility to recent prices for comparable energy resources elsewhere in the southwestern United States;
9. testimony regarding strategies used to minimize costs of renewable energy integration, including location, diversity, balancing area activity, demand-side management, rate design, and load management;
10. testimony demonstrating that the portfolio procurement plan is consistent with the integrated resource plan and explaining any material differences;
11. testimony demonstrating that acceptable system reliability will be maintained with the proposed new renewable resource additions;
12. information, including exhibits, as applicable, that demonstrates that the proposed procurement was the result of a competitive procurement that included opportunities for bidders to propose purchased power, facility self-build or facility build-transfer options;
13. demonstration that the plan is otherwise in the public interest, considering factors such as overall cost and economic development opportunities;
14. a mechanism, with supporting testimony, to prevent the public utility's voluntary program customers from being subject to charges by the public utility to recover RPS compliance costs pursuant to Subsection B of Section 62-16-7 NMSA 1978; and
15. any other information the commission may deem necessary.

Additionally, Rule 572.12(A) states that “[e]ach public utility shall include in its annual Renewable Energy Act plan a reasonable cost threshold analysis by procurement for the plan year which it seeks commission approval. This analysis should show how each procurement compares for that plan year with the inflation adjusted reasonable cost threshold.”

**II. REGULATORY COMPLIANCE ACTIVITY FOR PLAN YEAR AND NEXT PLAN YEAR**

**A. Determination of RPS and RCT (Rule 572.14(C)(1) and Rule 572.12(A))**

**1. Plan Year and Next Plan Year RPS Requirements**

Section 62-16-4 of the REA and Rule 572.10 require that a public utility’s renewable portfolio shall be no less than 20 percent of its annual retail New Mexico jurisdictional energy sales beginning in 2020. SPS currently projects that New Mexico retail sales will be 11,011,225 megawatt-hours (“MWh”) in the Plan Year. Table 1 below shows the calculation of SPS’s Plan Year projected RPS requirement:

**Table 1: Calculation of Plan Year RPS Requirements (in MWh)**

1	Projected Sales (at Meter)	11,011,225
2	Less: MWh Sales Under Voluntary Programs (Solar*Connect)	5,125
3	Net Retail Less Solar*Connect [Line 1 – Line 2]	11,006,099
4	RPS Percentage for Plan Year	20%
5	Total RPS Requirement for Plan Year [Line 3 * Line 4]	2,201,220

In the Next Plan Year, section 62-16-4 of the REA and Rule 572.10 require that the renewable energy from a public utility’s portfolio shall comprise no less than 40

percent of its annual retail New Mexico jurisdictional energy sales beginning in 2025; therefore, provided for informational purposes, SPS projects that its New Mexico retail sales will be 12,354,935 MWh. Table 2 below shows the calculation of SPS’s Next Plan Year RPS requirement:

**Table 2: Calculation of Next Plan Year RPS Requirements (in MWh)**

1	Projected Retail Sales	12,354,935
2	Less: MWh Sales Under Voluntary Programs (Solar*Connect)	5,093
3	Net Retail Less Solar*Connect [Line 1 – Line 2]	12,349,842
4	RPS Percentage for Next Plan Year	40%
5	Total RPS Requirements for Next Plan Year [Line 3 + Line 4]	4,939,937

For a more complete discussion of the assumptions and factors considered in determining SPS’s forecasted Plan Year and Next Plan Year total retail sales used to calculate the RPS, please refer to the direct testimony of Christopher Whiteside.

**2. Plan Year and Next Plan Year RCT**

Rule 572.7 (R)(1) and the REA define the RCT as an average annual levelized cost of sixty dollars per megawatt-hour at the point of interconnection of the renewable energy resource with the transmission system, adjusted for inflation after 2020. The RCT is only applied to proposed procurements under Rule 572.12. Because SPS is not proposing any new procurements, an RCT calculation is not required.

**B. Plan Year and Next Plan Year Procurements (Rule 572.14(C)(3), (5))**

SPS will be able to meet its overall Plan Year and Next Plan Year RPS requirements by purchasing sufficient wind energy from two New Mexico wind facilities (Caprock<sup>1</sup> Wind L.P. and San Juan Mesa Wind Project LLC) as well as certain qualifying facilities, in addition to its banked wind RECs, using RECs acquired through annual generation at owned wind facilities, using the energy and RECs purchased under five purchased power agreements (“PPA”) with entities associated with SunEdison, approved by the Commission in Case No. 10-00015-UT<sup>2</sup>, using RECs purchased under PPAs at Mammoth Plains, Palo Duro, Roswell, and Chaves facilities, approved by the Commission in Case No. 20-00143-UT<sup>3</sup>, as well as RECs acquired through annual DG

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<sup>1</sup> Energy and RECS from Caprock wind facilities will be included during the Plan Year only, as the PPA is set to expire during 2024.

<sup>2</sup> Case No. 10-00015-UT, *In the Matter of Southwestern Public Service Company’s (“SPS”) Application to the New Mexico Public Regulation Commission for a Final Order Granting: (1) Approval of SPS’s Solar Purchase Power Agreements with SunE SPS1, LLC through SunE SPS5, LLC; (2) Authorization for SPS to Recover all Reasonable Costs of the Solar PPAs; (3) Authorization to Recover Costs Associated with the Solar Deferral Variance; (4) Acceptance of SPS’s Report in Compliance with the Commission’s Order in Case No. 09-00258-UT; and (5) All Other Approvals, Authorizations, or Variances Required for SPS’s Performance and Cost Recovery under the Solar PPAs*, Final Order Approving Recommended Decision (Sept. 14, 2010).

<sup>3</sup> In Case No. 20-00143-UT, SPS received approval to purchase the New Mexico retail allocation of the RECs associated with the following renewable energy PPAs: (i) Roswell, (ii) Chaves; (iii) Mammoth; (iv) Palo Duro; (v) Lorenzo (Bonita I); and (vi) Wildcat (Bonita II). See Case No. 20-00143-UT, *In the Matter of Southwestern Public Service Company’s Annual 2021 Renewable Energy Portfolio Procurement Plan and Requested Approval Therein; Proposed 2021 Renewable Portfolio Standard Cost and Reconciliation Riders; Application for an RPS Incentive; and Other Associated Relief*, Final Order Adopting Recommended Decision with Modification to Decretal Paragraph K (Dec. 16, 2020).

In regard to Lorenzo (Bonita I) and Wildcat (Bonita II), SPS gave a one year REC Option Notice per the contract terms after receiving approval from the Commission in Case No. 20-00143-UT. Based on that Notice, SPS will begin receiving RECs Jan 1, 2024. In 2020, under the contract terms, the project owner (NextEra) presented SPS with a REC Right of First Offer Notice for 2021, 2022, and 2023. SPS declined to exercise the REC Right of First Offer based on pricing. In regard to Mammoth Plains, Palo

generation. Also approved in Case No. 20-00143-UT, as of January 1, 2024, SPS will begin purchasing the New Mexico retail allocation of the RECs from the Bonita Wind Energy, LLC (“Bonita”) PPAs (Wildcat and Lorenzo facilities). See Appendix A, pages 1 and 2 for a summary forecast of banked RECs and RECs acquired to meet RPS requirements.

**C. Plan Year and Next Plan Year Procurement Costs (Rule 572.14(C) (4), and (5))**

SPS projects that its Plan Year annual renewable procurement costs will be \$204,963,911 (total company) or \$93,066,808 (New Mexico retail). Of this amount, \$13,372,396 will be recovered through the RPS Rider. In the Next Plan Year, SPS projects its annual renewable procurement costs to be \$196,782,017 (total company) or \$94,187,519 (New Mexico retail). Of this amount, \$12,251,675 will be recovered through the RPS Rider. Please refer to Appendix B, pages 1 and 2, for SPS’s Plan Year and Next Plan Year projected RPS-related procurement costs by resource type and program cost, at a summary level. Appendix C provides the detailed calculations and assumptions used to provide the procurement costs.

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Duro, Roswell, and Chaves, SPS gave a one-year REC Option Notice per the contract terms after receiving approval from the Commission in Case No. 20-00143-UT. Based on that Notice, SPS will begin receiving RECs Jan 1, 2022. SPS inquired about purchasing RECs in 2021, but declined the high offer price.

Regarding cost recovery, in SPS's Case No. 12-00350-UT,<sup>4</sup> the Commission approved a renewable rider for SPS to recover its annual renewable costs, annual deferred renewable costs, and true-up balance of previous RPS compliance costs. Costs for economic energy related to SPS's SunEdison solar contracts and energy costs related to SPS's remaining solar contracts as well as its wind contracts will continue to be collected through SPS's fuel and purchased power cost adjustment clause. Please refer to the direct testimonies of Ms. Lees and Mr. Comer for the calculation of the 2024 RPS revenue requirement, additional detail on RPS cost amounts, and the calculation of the 2024 RPS Rider rate.

**D. Requirements Regarding Proposed Procurements (Rules 572.14(C)(2), (7), (8), (11) and (12))**

SPS is not seeking approval of any new energy resource procurements in this proceeding. Accordingly, Rules 572.14(C)(2), (7), (8), (11) and (12) are not applicable.

**E. Comparison to SPS's Integrated Resource Plan (Rule 572.14(C)(10))**

SPS's current Integrated Resource Plan ("2021 IRP") was accepted in Case No. 21-00169-UT.<sup>5</sup> In its 2021 IRP, SPS assumed for modeling purposes, full compliance

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<sup>4</sup> Case No. 12-00350-UT, *In the Matter of Southwestern Public Service Company's Application for Revision of its Retail Rates Under Advice Notice No. 245*, Final Order Partially Adopting Recommended Decision (Mar. 26, 2014).

<sup>5</sup> Case No. 21-00169-UT, *In the Matter of Southwestern Public Service Company's 2021 Integrated Resource Plan for New Mexico*, Final Order (October 20, 2021).

with the RPS requirements of the Renewable Energy Act and Rule 572. SPS's action plan from its 2021 IRP did not identify a need for new renewable resources in either 2024 or 2025, and SPS is not making such a request in this filing. SPS filed an update to its 2021 IRP in November 2022, which updated the action plan. The update to the plan addressed SPS's plans to bridge any capacity gap in 2024-2025 and extended the action plan period to 2027. As part of the update, SPS notified the Commission that it would be issuing a request for proposals to address capacity needs through 2027. This RPS Plan is consistent with the updated 2021 IRP.

**F. SPS's Filing for the Plan Year and Next Plan Year is in the Public Interest (Rule 572.14(C)(13))**

SPS's 2024 RPS Plan balances New Mexico's goals for renewable energy development, not only as a whole, but also through the use of diverse renewable generation resources with customer protections through the cost limitations brought on by the RCT. Please refer Ms. Lees' direct testimony.

**G. SPS's Filing Includes Required Information for Nonrenewable Generation (Rule 572.14(C)(6))**

SPS has provided nonrenewable generation resource information in Appendix D to this plan.



## **H. Strategies Used to Minimize Costs of Renewable Energy Integration, Including Location, Diversity, Balancing Area Activity, Demand-side Management, and Load Management (Rule 572.14(C)(9))**

SPS offers the following regarding strategies used to minimize costs of renewable energy integration, including location, diversity, balancing area activity, demand-side management, and load management.

SPS has, and continues to, implement a range of strategies to minimize costs of renewable energy integration. These strategies include competitive procurement processes, leveraging the purchasing power of Xcel Energy to obtain economies of scale savings, and maximizing tax incentives to minimize the cost of renewable energy integration.

SPS's robust evaluation process is critical in minimizing renewable energy integration costs. Using sophisticated production cost software, SPS evaluates renewable energy costs on a system-wide basis. In other words, production cost modeling software captures and incorporates balancing area activity in resource planning decisions. For example, SPS's production cost modeling software includes, but is not limited to, variables such as: load and demand profiles, generation profiles, energy costs and fuel forecasts, fixed and variable costs of generation, and market interaction.

By evaluating proposed renewable energy projects in a system-wide production cost model ensures the technical attributes and characteristics of renewable energy are fully incorporated in resource planning decisions. For example, the production cost

model will capture the value diversity provides. Using a side-by-side comparison a potential wind facility may provide lower costs than a potential solar facility. However, after the costs and generation profile are incorporated into a system-wide analysis, the solar facility could provide less system-wide costs than the wind project, based on the fact that solar facilities generate more energy during the on-peak, higher cost hours.

SPS's production cost modeling software can also evaluate the benefit of demand-side management and load management. In other words, SPS can directly compare the cost of additional supply-side resources against the alternative of load capacity reductions.

Finally, SPS can expand the scope of the evaluation process to include full nodal modeling of the SPS and SPP transmission system. This ensures the locational value of renewable energy integration is considered in the evaluation process.

### **III. SECTION 62-16-4 (G) REQUIREMENTS**

REA Section 62-16-4 (G) requires certain information to be filed by a utility as part of a procurement plan. That section reads as follows:

By July 1, 2020, and each July 1 thereafter, a public utility shall file a report to the commission on the public utility's procurement and generation of renewable energy since the last report and a procurement plan that includes:

- (1) the cost of procurement for new renewable energy required to comply with the renewable portfolio standard;
- (2) the capital, operating and fuel costs on a per-megawatt-hour basis during the preceding calendar year of each nonrenewable generation resource rate-based by the utility, or dedicated to the utility through a power purchase agreement of one year or longer, and the nonrenewable generation resources' carbon dioxide emissions on a per-megawatt-hour basis during that same year;

- (3) information, including exhibits, as applicable, that demonstrates that the proposed procurement:
  - (a) was the result of competitive procurement that included opportunities for bidders to propose purchased power, facility self-build or facility build-transfer options;
  - (b) has a cost that is reasonable as evidenced by a comparison of the price of electricity from renewable energy resources in the bids received by the public utility to recent prices for comparable energy resources elsewhere in the southwestern United States; and
  - (c) is in the public interest, considering factors such as overall cost and economic development opportunities; and
- (4) strategies used to minimize costs of renewable energy integration, including location, diversity, balancing area activity, demand-side management and load management.

Regarding REA Section 62-16-4 (G) (1), please refer to Section II.C. and Appendices B and C to this plan. Regarding REA Section 62-16-4 (G) (2), please refer to Appendices D to this plan. Regarding REA Section 62-16-4 (G) (3), SPS is not proposing any new procurements. In regards to REA Section 62-16-4 (G) (4), please refer to Section II. H. to this plan.

**Southwestern Public Service Company**  
**Appendix A: Summary of Renewable Energy Generation and REC Transactions (in MWh)**  
**For Calendar Year 2024**

Line No.	Description	Total
1	2024 NM Retail Sales	11,011,225
2	Less Voluntary Program Sales (Solar*Connect)	5,125
3	Net 2023 NM Retail Sales	11,006,099
4	Overall RPS Requirement (%)	20%
5	RPS Obligation (L3 * L4)	2,201,220
6	Beginning REC Balance	4,973,823
7	<b>Generation (NM REC Allocation):</b>	
8	<b><u>Wind</u></b>	
9	Hale	845,019
10	Sagamore	888,430
11	Caprock Generation	293,124
12	San Juan Generation	328,759
13	Mesalands Generation <sup>2</sup>	-
14	Mammoth Plains	337,514
15	Palo Duro	448,705
16	Bonita I	136,437
17	Bonita II	258,979
	<b><u>Solar</u></b>	
18	SunEdison Solar Generation	101,274
19	Roswell	68,269
20	Chaves	69,936
21	<b><u>Distributed Generation</u></b>	
22	Company Owned Solar Generation	147
23	SolarRewards	1,321
24	Total Annual Generation (Sum L9 : L22)	3,777,913
25	Less Deemed Retired RECs	-
26	Less Annual RPS Obligation (L5)	2,201,220
27	REC Adjustments from Prior Years	-
28	Annual Excess/(Deficiency) (L23 - L24- L25 + L26) <sup>1</sup>	1,576,693
29	Cumulative Excess/(Deficiency) (L6 + L27)	6,550,516

**Notes:**

<sup>1</sup> SPS's general policy is to retire RECs on a first-in-first-out basis (that is, SPS retires the oldest year RECs available first before current generation).

<sup>2</sup> SPS does not forecast RECs from Qualifying Facility.

**Southwestern Public Service Company**  
**Appendix A: Summary of Renewable Energy Generation and REC Transactions (in MWh)**  
**For Calendar Year 2025**

Line No.	Description	Total
1	2025 NM Retail Sales	12,354,935
2	Less Voluntary Program Sales (Solar*Connect)	5,093
3	Net 2024 NM Retail Sales	12,349,842
4	Overall RPS Requirement (%)	40%
5	RPS Obligation (L3 * L4)	4,939,937
6	Beginning REC Balance	6,550,516
7	<b>Generation (NM REC Allocation):</b>	
8	<b><u>Wind</u></b>	
9	Hale	899,622
10	Sagamore	948,619
11	Caprock Generation <sup>2</sup>	-
12	San Juan Generation	337,219
13	Mesalands Generation	-
14	Mammoth Plains	353,154
15	Palo Duro	475,642
16	Bonita I	153,706
17	Bonita II	289,956
	<b><u>Solar</u></b>	
18	SunEdison Solar Generation	100,136
19	Roswell	75,476
20	Chaves	76,841
21	<b><u>Distributed Generation</u></b>	
22	Company Owned Solar Generation	147
23	SolarRewards	1,045
24	Total Annual Generation (Sum L9 : L22)	3,711,563
25	Less Deemed Retired RECs	
26	Less Annual RPS Obligation (L5)	4,939,937
27	REC Adjustments from Prior Years	-
28	Annual Excess/(Deficiency) (L24 - L25 - L26 + L27) <sup>1</sup>	(1,228,373)
29	Cumulative Excess/(Deficiency) (L6 + L28)	5,322,142

**Notes:**

<sup>1</sup> SPS's general policy is to retire RECs on a first-in-first-out basis (that is, SPS retires the oldest year RECs available first before current generation).

<sup>2</sup> Caprock PPA expiring at the end of year 2024

**Southwestern Public Service Company**  
**Appendix B: Summary of Projected Renewable Costs and Recovery Mechanism**  
**For the Year 2024**

Line No.	Description	(A) = (B) + (D) + (F)	(B)	(C)	(D)	(E)	(F)	(G) = (C) + (E) + (F)
		Total Cost	Base Rates	NM Retail Base Rates *	System Fuel *	NM Retail Allocation - Fuel *	RPS Rider	Total NM Retail Allocation
1	<b>Wind</b>							
2	Energy Only (San Juan, Caprock) RECs (San Juan, Caprock, Less Wholesale	\$ 23,702,677	\$ -	\$ -	\$ 23,702,677	\$ 9,859,366	\$ -	\$ 9,859,366
3	Transfers)	839,542	-	-	-	-	839,542	839,542
4	Mammoth Plains Energy Only	18,597,494	-	-	18,597,494	7,735,814	-	7,735,814
5	Mammoth Plains RECs	354,389	-	-	-	-	354,389	354,389
6	Palo Duro Energy Only	25,264,194	-	-	25,264,194	10,508,895	-	10,508,895
7	Palo Duro RECs	471,140	-	-	-	-	471,140	471,140
8	Bonita Energy Only	18,993,188	-	-	18,993,188	7,900,407	-	7,900,407
9	Bonita RECs	415,187	-	-	-	-	415,187	415,187
10	Total Wind	\$ 88,637,811	\$ -	\$ -	\$ 86,557,553	\$ 36,004,482	\$ 2,080,258	\$ 38,084,740
11	<b>Owned Wind</b>							
12	Base Rates **	\$ 226,766,673	\$ 226,766,673	\$ 94,325,872	\$ -	\$ -	\$ -	\$ 94,325,872
13	PTCs	(139,526,188)	-	-	(139,526,188)	(58,037,317)	-	(58,037,317)
14	Total Owned Wind	\$ 87,240,485	\$ 226,766,673	\$ 94,325,872	\$ (139,526,188)	\$ (58,037,317)	\$ -	\$ 36,288,554
15	<b>Solar</b>							
16	SunE Economic Energy	\$ 4,376,899	\$ -	\$ -	\$ 4,376,899	\$ 1,820,615	\$ -	\$ 1,820,615
17	SunE Uneconomic Energy	10,961,191	-	-	-	-	10,961,191	10,961,191
18	SunE RECs	58,739	-	-	-	-	58,739	58,739
19	Roswell Energy Only - NM Alloc	6,589,619	-	-	6,589,619	2,741,018	-	2,741,018
20	Roswell RECs - NM Alloc	39,767	-	-	-	-	39,767	39,767
21	Chaves Energy Only - NM Alloc	6,826,959	-	-	6,826,959	2,839,742	-	2,839,742
22	Chaves RECs - NM Alloc	39,982	-	-	-	-	39,982	39,982
23	Total Solar	\$ 28,893,156	\$ -	\$ -	\$ 17,793,477	\$ 7,401,375	\$ 11,099,679	\$ 18,501,054
24	<b>DG</b>							
25	Incentives & Administration	\$ 154,430	\$ -	\$ -	\$ -	\$ -	\$ 154,430	\$ 154,430
26	Total DG	\$ 154,430	\$ -	\$ -	\$ -	\$ -	\$ 154,430	\$ 154,430
27	<b>WREGIS</b>							
28	Registration Costs	\$ 16,029	\$ -	\$ -	\$ -	\$ -	\$ 16,029	\$ 16,029
29	Total WREGIS	\$ 16,029	\$ -	\$ -	\$ -	\$ -	\$ 16,029	\$ 16,029
30	<b>External Counsel</b>							
31	External Counsel Costs	\$ 22,000	\$ -	\$ -	\$ -	\$ -	\$ 22,000	\$ 22,000
32	Total External Counsel	\$ 22,000	\$ -	\$ -	\$ -	\$ -	\$ 22,000	\$ 22,000
33	<b>Total Renewable Energy Costs (L10 + L14 + L23 + L27 + L29+L32)</b>	<b>\$ 204,963,911</b>	<b>\$ 226,766,673</b>	<b>\$ 94,325,872</b>	<b>\$ (35,175,158)</b>	<b>\$ (14,631,460)</b>	<b>\$ 13,372,396</b>	<b>\$ 93,066,808</b>

\* Allocation Factor based on forecast. System Fuel represents a total company (SPS) amount before allocation among SPS's three jurisdictions. The SunE uneconomic costs are allocated 100% to New Mexico and appear in the RPS Rider.

\*\* For illustration purposes only. Based on the revenue requirement provided on Attachments SNN-R7 and SNN-R8 to the rebuttal testimony of Stephanie N. Niemi in Case No. 22-00286-UT.

**Southwestern Public Service Company**  
**Appendix B: Summary of Projected Renewable Costs and Recovery Mechanism**  
**For the Year 2025**

Line No.	Description	(A) = (B) + (D) + (F)	(B)	(C)	(D)	(E)	(F)	(G) = (C) + (E) + (F)
		Total Cost	Base Rates	NM Retail Base Rates *	System Fuel *	NM Retail Allocation - Fuel *	RPS Rider	Total NM Retail Allocation
1	<b>Wind</b>							
2	Energy Only (San Juan)	\$ 13,223,914	\$ -	\$ -	\$ 13,223,914	\$ 5,871,731	\$ -	\$ 5,871,731
3	RECs (San Juan, Less Wholesale Transfers)	455,246	-	-	-	-	455,246	455,246
4	Mammoth Plains Energy Only	18,595,260	-	-	18,595,260	8,256,736	-	8,256,736
5	Mammoth Plains RECs	370,811	-	-	-	-	370,811	370,811
6	Palo Duro Energy Only	25,539,824	-	-	25,539,824	11,340,287	-	11,340,287
7	Palo Duro RECs	499,424	-	-	-	-	499,424	499,424
8	Bonita Energy Only	20,363,431	-	-	20,363,431	9,041,846	-	9,041,846
9	Bonita RECs	465,846	-	-	-	-	465,846	465,846
10	Total Wind	\$ 79,513,756	\$ -	\$ -	\$ 77,722,429	\$ 34,510,600	\$ 1,791,327	\$ 36,301,927
11	<b>Owned Wind</b>							
12	Base Rates **	\$ 226,518,262	\$ 226,518,262	\$ 100,579,475	\$ -	\$ -	\$ -	\$ 100,579,475
13	PTCs	(139,363,404)	-	-	(139,363,404)	(61,880,653)	-	(61,880,653)
14	Total Owned Wind	\$ 87,154,858	\$ 226,518,262	\$ 100,579,475	\$ (139,363,404)	\$ (61,880,653)	\$ -	\$ 38,698,822
15	<b>Solar</b>							
16	SunE Economic Energy	\$ 5,524,034	\$ -	\$ -	\$ 5,524,034	\$ 2,452,802	\$ -	\$ 2,452,802
17	SunE Uneconomic Energy	10,142,382	-	-	-	-	10,142,382	10,142,382
18	SunE RECs	59,080	-	-	-	-	59,080	59,080
19	Roswell Energy Only - NM Alloc	6,961,613	-	-	6,961,613	3,091,121	-	3,091,121
20	Roswell RECs - NM Alloc	44,531	-	-	-	-	44,531	44,531
21	Chaves Energy Only - NM Alloc	7,167,408	-	-	7,167,408	3,182,499	-	3,182,499
22	Chaves RECs - NM Alloc	44,821	-	-	-	-	44,821	44,821
23	Total Solar	\$ 29,943,870	\$ -	\$ -	\$ 19,653,055	\$ 8,726,422	\$ 10,290,814	\$ 19,017,236
24	<b>DG</b>							
25	Incentives & Administration	\$ 121,447	\$ -	\$ -	\$ -	\$ -	\$ 121,447	\$ 121,447
26	Total DG	\$ 121,447	\$ -	\$ -	\$ -	\$ -	\$ 121,447	\$ 121,447
27	<b>WREGIS</b>							
28	Registration Costs	\$ 26,087	\$ -	\$ -	\$ -	\$ -	\$ 26,087	\$ 26,087
29	Total WREGIS	\$ 26,087	\$ -	\$ -	\$ -	\$ -	\$ 26,087	\$ 26,087
30	<b>External Counsel</b>							
31	External Counsel Costs	\$ 22,000	\$ -	\$ -	\$ -	\$ -	\$ 22,000	\$ 22,000
32	Total External Counsel	\$ 22,000	\$ -	\$ -	\$ -	\$ -	\$ 22,000	\$ 22,000
33	<b>Total Renewable Energy Costs (L10 + L14 + L23+ L26 + L29+L32)</b>	<b>\$ 196,782,017</b>	<b>\$ 226,518,262</b>	<b>\$ 100,579,475</b>	<b>\$ (41,987,920)</b>	<b>\$ (18,643,631)</b>	<b>\$ 12,251,675</b>	<b>\$ 94,187,519</b>

\* Allocation Factor based on forecast. System Fuel represents a total company (SPS) amount before allocation among SPS's three jurisdictions. The SunE uneconomic costs are allocated 100% to New Mexico and appear in the RPS Rider.

\*\* For illustration purposes only. Based on the revenue requirement provided on Attachments SNN-R7 and SNN-R8 to the rebuttal testimony of Stephanie N. Niemi in Case No. 22-00286-UT. Fuel savings attributable to owned wind resources are not reflected here. The illustrative net cost of \$20.94/MWh shown here (\$54.42-(\$26\*1.287724)) would be the lowest average fuel price at which the project would not be providing fuel savings.

**Southwestern Public Service Company**  
**Appendix C: Details of RPS Cost Projections**  
**For the Plan Year 2024**

Line No.	Description	\$/MWh	PTC Tax Gross Up	Total MWh	NM Allocation MWh	Total Cost	NM Retail Base Rates*	NM Retail Fuel*	RPS Rider
1	<b>Wind Energy (Excludes RECs)</b>								
2	San Juan	\$ 37.02		341,258	141,950	\$ 12,633,371.16	\$ -	\$ 5,254,977.43	\$ -
3	Caprock	\$ 36.38		304,269	126,564	\$ 11,069,306.22	\$ -	\$ 4,604,388.93	\$ -
4	Mammoth Plains	\$ 22.92		811,409	337,514	\$ 18,597,494.28	\$ -	\$ 7,735,814.25	\$ -
5	Palo Duro	\$ 23.42		1,078,721	448,705	\$ 25,264,193.67	\$ -	\$ 10,508,894.72	\$ -
6	Bonita I	\$ 19.98		328,005	136,437	\$ 6,553,539.90	\$ -	\$ 2,726,010.64	\$ -
7	Bonita II	\$ 19.98		622,605	258,979	\$ 12,439,647.90	\$ -	\$ 5,174,396.29	\$ -
8	<b>Wind RECs</b>								
9	San Juan (Less Wholesale Transfers)	\$ 1.35			293,124	\$ 395,717.88	\$ -	\$ -	\$ 395,717.88
10	Caprock (Less Wholesale Transfers)	\$ 1.35			328,759	\$ 443,824.02	\$ -	\$ -	\$ 443,824.02
11	Mammoth Plains	\$ 1.05			337,514	\$ 354,389.40	\$ -	\$ -	\$ 354,389.40
12	Palo Duro	\$ 1.05			448,705	\$ 471,140.06	\$ -	\$ -	\$ 471,140.06
13	Bonita I	\$ 1.05			136,437	\$ 143,258.82	\$ -	\$ -	\$ 143,258.82
14	Bonita II	\$ 1.05			258,979	\$ 271,927.73	\$ -	\$ -	\$ 271,927.73
15	<b>Owned Wind</b>								
16	Hale and Sagamore **	\$ 54.42		4,167,345	1,733,449	\$ 226,766,672.67	\$ 94,325,871.61	\$ -	\$ -
17	Hale and Sagamore PTCs	\$ 26.00	1.287724	4,167,345	1,733,449	\$ (139,526,187.99)	\$ -	\$ (58,037,317.12)	\$ -
18	<b>Solar</b>								
19	SunE Economic Energy	\$ 43.22		101,274	42,126	\$ 4,376,899.23	\$ -	\$ 1,820,615.13	\$ -
20	SunE Uneconomic Energy	\$ 108.23			101,274	\$ 10,961,191.02	\$ -	\$ -	\$ 10,961,191.02
21	SunE RECs	\$ 0.58			101,274	\$ 58,738.92	\$ -	\$ -	\$ 58,738.92
22	Roswell Energy Only	\$ 40.15		164,125	68,269	\$ 6,589,618.75	\$ -	\$ 2,741,018.00	\$ -
23	Roswell RECs	\$ 0.58			68,269	\$ 39,766.95	\$ -	\$ -	\$ 39,766.95
24	Chaves Energy Only	\$ 40.61		168,131	69,936	\$ 6,826,959.26	\$ -	\$ 2,839,742.17	\$ -
25	Chaves RECs	\$ 0.57			69,936	\$ 39,982.28	\$ -	\$ -	\$ 39,982.28
26	<b>DG</b>								
27	Projected Payments					\$ 154,430.45	\$ -	\$ -	\$ 154,430.45
28	<b>WREGIS Registration Costs</b>					\$ 16,028.91	\$ -	\$ -	\$ 16,028.91
29	<b>External Counsel Costs</b>					\$ 22,000.00			\$ 22,000.00

\* Allocation Factor based on forecast. System Fuel represents a total company (SPS) amount before allocation among SPS's three jurisdictions. The SunE uneconomic costs are allocated 100% to New Mexico and appear in the RPS Rider.

\*\* For illustration purposes only. Based on the revenue requirement provided on Attachments SNN-R7 and SNN-R8 to the rebuttal testimony of Stephanie N. Niemi in Case No. 22-00286-UT. Fuel savings attributable to owned wind resources are not reflected here. The illustrative net cost of \$20.93/MWh shown here (\$54.42-(\$26\*1.287724)) would be the lowest average fuel price at which the project would not be providing fuel savings.



Southwestern Public Service Company  
Appendix C: Details of RPS Cost Projections  
For the Plan Year 2025

Line No.	Description	\$/MWh	PTC Tax Gross Up	Total MWh	NM Allocation MWh	Total Cost	NM Retail Base Rates*	NM Retail Fuel*	RPS Rider
1	<b>Wind Energy (Excludes RECs)</b>								
2	San Juan	\$ 37.98		348,181	154,601	\$ 13,223,914.38	\$ -	\$ 5,871,731.31	\$ -
3	Mammoth Plains	\$ 23.38		795,349	353,154	\$ 18,595,259.62	\$ -	\$ 8,256,735.86	\$ -
4	Palo Duro	\$ 23.84		1,071,208	475,642	\$ 25,539,823.63	\$ -	\$ 11,340,286.82	\$ -
5	Bonita I	\$ 20.38		346,167	153,706	\$ 7,054,883.46	\$ -	\$ 3,132,535.41	\$ -
6	Bonita II	\$ 20.38		653,020	289,956	\$ 13,308,547.60	\$ -	\$ 5,909,310.46	\$ -
7	<b>Wind RECs</b>								
8	San Juan (Less Wholesale Transfers)	\$ 1.35			337,219	\$ 455,246.16	\$ -	\$ -	\$ 455,246.16
9	Mammoth Plains	\$ 1.05			353,154	\$ 370,811.49	\$ -	\$ -	\$ 370,811.49
10	Palo Duro	\$ 1.05			475,642	\$ 499,423.82	\$ -	\$ -	\$ 499,423.82
11	Bonita I	\$ 1.05			153,706	\$ 161,391.67	\$ -	\$ -	\$ 161,391.67
12	Bonita II	\$ 1.05			289,956	\$ 304,454.17	\$ -	\$ -	\$ 304,454.17
13	<b>Owned Wind</b>								
14	Hale and Sagamore **	\$ 54.42		4,162,483	1,848,241	\$ 226,518,262.11	#####	\$ -	\$ -
15	Hale and Sagamore PTCs	\$ 26.00	1.287724	4,162,483	1,848,241	\$ (139,363,404.17)	\$ -	\$ (61,880,653.46)	\$ -
16	<b>Solar</b>								
17	SunE Economic Energy	\$ 55.17		100,136	44,463	\$ 5,524,034.03	\$ -	\$ 2,452,801.99	\$ -
18	SunE Uneconomic Energy	\$ 101.29			100,136	\$ 10,142,381.79	\$ -	\$ -	\$ 10,142,381.79
19	SunE RECs	\$ 0.59			100,136	\$ 59,080.24	\$ -	\$ -	\$ 59,080.24
20	Roswell Energy Only - NM Alloc	\$ 40.96		169,982	75,476	\$ 6,961,612.81	\$ -	\$ 3,091,121.03	\$ -
21	Roswell RECs - NM Alloc	\$ 0.59			75,476	\$ 44,530.86	\$ -	\$ -	\$ 44,530.86
22	Chaves Energy Only - NM Alloc	\$ 41.42		173,056	76,841	\$ 7,167,408.44	\$ -	\$ 3,182,499.17	\$ -
23	Chaves RECs - NM Alloc	\$ 0.58			76,841	\$ 44,821.33	\$ -	\$ -	\$ 44,821.33
24	<b>DG</b>								
25	Projected Payments					\$ 121,446.98	\$ -	\$ -	\$ 121,446.98
26	<b>WREGIS Registration Costs</b>					\$ 26,086.53	\$ -	\$ -	\$ 26,086.53
27	<b>External Counsel Costs</b>					\$ 22,000.00			\$ 22,000.00

\* Allocation Factor based on forecast. System Fuel represents a total company (SPS) amount before allocation among SPS's three jurisdictions. The SunE uneconomic costs are allocated 100% to New Mexico and appear in the RPS Rider.

\*\* For illustration purposes only. Based on the revenue requirement provided on Attachments SNN-R7 and SNN-R8 to the rebuttal testimony of Stephanie N. Niemi in Case No. 22-00286-UT. Fuel savings attributable to owned wind resources are not reflected here. The illustrative net cost of \$20.94/MWh shown here (\$54.42-(\$26\*1.287724)) would be the lowest average fuel price at which the project would not be providing fuel savings.

**Southwestern Public Service Company**

**Appendix D: Non-Renewable Facility Information Provided in Accordance with Section 62-16-4 (G) (2) of the REA For the Historical Year 2022**

In accordance with Section 62-16-4 G. (2) of the Renewable Energy Act, SPS is reporting the capital, operating and fuel costs on a per-megawatt-hour basis during the preceding calendar year of each nonrenewable generation resource rate-based by the utility, or dedicated to the utility through a power purchase agreement of one year or longer, and the nonrenewable generation resources' carbon dioxide emissions on a per-megawatt-hour-basis during that same year.

<b>Nonrenewable Generation Resource</b>	<b>Capital Expenditures per MWh <sup>(1)</sup></b>	<b>Operating Costs per MWh <sup>(2)</sup></b>	<b>Fuel Costs per MWh <sup>(2)</sup></b>	<b>CO<sub>2</sub> Emissions MT per MWh <sup>(3)</sup></b>
Quay	\$0.23	\$0.93	\$72.94	1.315
Plant X	\$1.36	\$7.92	\$57.35	0.607
Nichols	\$5.99	\$5.38	\$24.57	0.647
Harrington	\$16.89	\$8.81	\$74.21	1.057
Maddox	\$10.14	\$1.28	\$63.46	0.633
Cunningham	\$7.64	\$10.63	\$69.06	0.595
Tolk	\$32.58	\$16.75	\$64.54	1.051
Jones	\$1.83	\$8.24	\$39.79	0.598

<b>Long Term Power Purchase Agreement <sup>(4)</sup></b>	<b>Demand Charges per MWh <sup>(2)</sup></b>	<b>Energy Charges per MWh <sup>(2)</sup></b>	<b>CO<sub>2</sub> Emissions MT per MWh <sup>(3)</sup></b>
Borger Energy Associates	\$8.51	\$45.78	0.228
Lea Power Partners	\$15.40	\$46.25	0.405
Tokai Carbon	\$0.00	\$36.11	1.328

<sup>(1)</sup> Data reported is capital expenditures only. It would be inappropriate to use this data for any type of comparison purposes or meaningful analysis. Capital expenditures does not reflect the long-term nature of capital investment, where benefits and costs are realized over the life of an asset.

<sup>(2)</sup> Based on data contained in SPS's 2022 FERC Form 1.

<sup>(3)</sup> Metric Tons per MWh. As reported in SPS's Annual Electric Power Sector Report to the Climate Registry. Each year's report is third-party verified.

<sup>(4)</sup> SPS has no capital costs or operating costs associated with power purchase agreements. Demand and Energy Costs provided represent SPS's costs paid under each power purchase agreement.

## **SPS Annual RPS Approvals**

Case No. 14-00198-UT, *In the Matter of Southwestern Public Service Company's Application Requesting: (1) Acceptance of its 2013 Annual Renewable Portfolio Report; (2) Approval of its Annual Renewable Energy Portfolio Procurement Plan for 2015; and (3) Other Associated Relief*, Final Order (Dec. 10, 2014);

Case No. 15-00208-UT, *In the Matter of Southwestern Public Service Company's Application Requesting: (1) Acceptance of its 2014 Annual Renewable Portfolio Report; (2) Approval of its Annual Renewable Energy Portfolio Procurement Plan for 2016; and (3) Other Associated Relief*, Final Order (Dec. 16, 2015);

Case No. 16-00183-UT, *In the Matter of Southwestern Public Service Company's Application Requesting: (1) Acknowledgement of its Filing of its 2015 Annual Renewable Portfolio Report; (2) Approval of its Annual Renewable Energy Portfolio Procurement Plan for Plan Year 2017; (3) Approval of the Proposed Rate for its 2017 Renewable Portfolio Standard Rider; (4) Approval of its Proposal to Calculate the Avoided Energy Related to the SunEdison, LLC Purchased Power Agreements; and (5) Other Associated Relief*, Final Order Adopting Recommended Decision (Dec. 14, 2016);

Case No. 17-00161-UT, *In the Matter of Southwestern Public Service Company's Application Requesting: (1) Acknowledgement of its Filing of its 2016 Annual Renewable Portfolio Report; (2) Approval of its Annual Renewable Energy Portfolio Procurement Plan for Plan Year 2018; (3) Approval of the Proposed Rate for its 2018 Renewable Portfolio Standard Rider; (4) Approval of Variance from Requirements of Rule 572.14(C)(1) NMAC; and (5) Other Associated Relief*, Final Order Adopting Recommended Decision (Dec. 13, 2017);

Case No. 18-00201-UT, *In the Matter of Southwestern Public Service Company's Application Requesting: (1) Acknowledgment of its filing of the 2017 Annual Renewable Energy Portfolio Report; (2) Approval of its Annual Renewable Energy Portfolio Procurement Plan for Plan Year 2019; (3) Approval of the Proposed Rate for its 2019 Renewable Portfolio Standard Rider; (4) Approval of its Proposed Treatment of Renewable Energy Certificates Associated with the Sagamore and Hale Wind Facilities; and (5) Other Associated Relief*, Final Order Adopting Recommended Decision (Dec. 12, 2018).

Case No. 19-00134-UT, *In the Matter of Southwestern Public Service Company's Application Requesting: (1) Acknowledgment of its filing of the 2018 Annual Renewable Energy Portfolio Report; (2) Approval of its Annual Renewable Energy Portfolio Procurement Plan for Plan Year 2020; (3) Approval of the Proposed Rate for its 2020 Renewable Portfolio Standard Rider; (4) Other Associated Relief*, Final Order Adopting Recommended Decision (Apr. 22, 2020).

Case No. 20-00143-UT, *In the Matter of Southwestern Public Service Company's Annual 2021 Renewable Energy Portfolio Procurement Plan and Requested Approval Therein; Proposed 2021 Renewable Portfolio Standard Cost and Reconciliation Riders; Application for an RPS Incentive; and Other Associated Relief*, Final Order Adopting Recommended Decision with Modification to Decretal Paragraph K (Dec. 16, 2020).

Case No. 21-00172-UT, *In the Matter of Southwestern Public Service Company's Annual 2022 Renewable Energy Portfolio Procurement Plan and Requested Approval Therein; Proposed 2022 Renewable Portfolio Standard Cost and Reconciliation Riders; Application for an RPS Incentive; and Other Associated Relief*, Final Order Adopting Recommended Decision (Dec. 8, 2021).

Case No. 22-00177-UT, *In the Matter of Southwestern Public Service Company's Annual 2023 Renewable Energy Portfolio Procurement Plan and Requested Approval Therein; Proposed 2023 Renewable Portfolio Standard Cost and Reconciliation Riders; Application for an RPS Incentive; and Other Associated Relief*, Final Order Adopting Recommended Decision (Dec. 14, 2022).

**Workpapers and Native Files**  
**(Including Workpapers for the 2022 Report and the RPS Plan)**

**Attachment ZEL-5 is provided in  
native format**

**BEFORE THE NEW MEXICO PUBLIC REGULATION COMMISSION**

IN THE MATTER OF SOUTHWESTERN	)	
PUBLIC SERVICE COMPANY’S ANNUAL 2024	)	
RENEWABLE ENERGY PORTFOLIO	)	
PROCUREMENT PLAN AND REQUESTED	)	
APPROVALS THEREIN; PROPOSED 2024	)	Case No. 23-00__-UT
RENEWABLE PORTFOLIO STANDARD COST	)	
RIDER; TERMINATION OF THE	)	
RECONCILIATION RIDER; AND OTHER	)	
ASSOCIATED RELIEF,	)	
	)	
SOUTHWESTERN PUBLIC SERVICE	)	
COMPANY,	)	
	)	
APPLICANT.	)	

**CERTIFICATE OF SERVICE**

I CERTIFY that on this date I served upon the individuals listed below, via email only, a true and correct copy of *Southwestern Public Service Company’s Renewable Portfolio Standard Application for the 2024 Plan Year and 2025 Next Plan Year, and Direct Testimony of Zoë E. Lees, Christopher Whiteside, and Jeffrey L. Comer* was electronically sent to each of the following on this 30<sup>th</sup> day of June 2023.

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Respectfully submitted,  
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