

Form 5500-SF

Department of the Treasury Internal Revenue Service

Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation

Short Form Annual Return/Report of Small Employee Benefit Plan

This form is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA), and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

Complete all entries in accordance with the instructions to the Form 5500-SF.

OMB Nos. 1210-0110 1210-0089

2024

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

- A This return/report is for: [X] a single-employer plan [ ] a multiple-employer plan (not multiemployer) (Pension Plan filers checking this box must attach Schedule MEP. Other plans must attach a list of participating employer information in accordance with the form instructions.)
B This return/report is [ ] the first return/report [ ] the final return/report [ ] an amended return/report [ ] a short plan year return/report (less than 12 months)
C Check box if filing under: [ ] Form 5558 [ ] automatic extension [ ] DFVC program [ ] special extension (enter description)
D If the plan is a collectively-bargained plan, check here [ ]
E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here [ ]

Part II Basic Plan Information—enter all requested information

1a Name of plan: SOUTHERN PIONEER ELECTRIC COMPANY RETIREMENT PLAN
1b Three-digit plan number (PN): 002
1c Effective date of plan: 04/01/2007
2a Plan sponsor's name (employer, if for a single-employer plan): SOUTHERN PIONEER ELECTRIC COMPANY
2b Employer Identification Number (EIN): 20-3898147
2c Sponsor's telephone number: 620-424-5211
2d Business code (see instructions): 221100
3a Plan administrator's name and address: [X] Same as Plan Sponsor.
3b Administrator's EIN
3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report.
4b EIN
4d PN
5a Total number of participants at the beginning of the plan year: 63
5b Total number of participants at the end of the plan year: 63
5c(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item)
5c(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)
5d(1) Total number of active participants at the beginning of the plan year: 49
5d(2) Total number of active participants at the end of the plan year: 50
5e Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested: 0

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established. Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including, if applicable, a Schedule SB or Schedule MB completed and signed by an enrolled actuary, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

Table with 4 columns: SIGN HERE, Signature, Date, and Name. Row 1: Filed with authorized/valid electronic signature, 07/08/2025, LINDSAY CAMPBELL, Signature of plan administrator. Row 2: Filed with authorized/valid electronic signature, 07/08/2025, LINDSAY CAMPBELL, Signature of employer/plan sponsor.

- 6a** Were all of the plan's assets during the plan year invested in eligible assets? (See instructions.) .....  Yes  No
- b** Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? (See instructions on waiver eligibility and conditions.) .....  Yes  No
- If you answered "No" to either line 6a or line 6b, the plan cannot use Form 5500-SF and must instead use Form 5500.**
- c** If the plan is a defined benefit plan, is it covered under the PBGC insurance program (see ERISA section 4021)? .....  Yes  No  Not determined
- If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 549767. (See instructions.)

<b>Part III Financial Information</b>			
<b>7</b> Plan Assets and Liabilities		<b>(a) Beginning of Year</b>	<b>(b) End of Year</b>
<b>a</b> Total plan assets .....	<b>7a</b>	6911559	8165759
<b>b</b> Total plan liabilities .....	<b>7b</b>		
<b>c</b> Net plan assets (subtract line 7b from line 7a) .....	<b>7c</b>	6911559	8165759
<b>8</b> Income, Expenses, and Transfers for this Plan Year		<b>(a) Amount</b>	<b>(b) Total</b>
<b>a</b> Contributions received or receivable from:			
<b>(1)</b> Employers .....	<b>8a(1)</b>	1032000	
<b>(2)</b> Participants .....	<b>8a(2)</b>		
<b>(3)</b> Others (including rollovers) .....	<b>8a(3)</b>		
<b>b</b> Other income (loss) .....	<b>8b</b>	851160	
<b>c</b> Total income (add lines 8a(1), 8a(2), 8a(3), and 8b) .....	<b>8c</b>		1883160
<b>d</b> Benefits paid (including direct rollovers and insurance premiums to provide benefits) .....	<b>8d</b>	628960	
<b>e</b> Certain deemed and/or corrective distributions (see instructions) .	<b>8e</b>		
<b>f</b> Administrative service providers (salaries, fees, commissions) .....	<b>8f</b>		
<b>g</b> Other expenses .....	<b>8g</b>		
<b>h</b> Total expenses (add lines 8d, 8e, 8f, and 8g) .....	<b>8h</b>		628960
<b>i</b> Net income (loss) (subtract line 8h from line 8c) .....	<b>8i</b>		1254200
<b>j</b> Transfers to (from) the plan (see instructions) .....	<b>8j</b>		

<b>Part IV Plan Characteristics</b>	
<b>9a</b>	If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions: 1A 3H
<b>b</b>	If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:

<b>Part V Compliance Questions</b>				
<b>10</b> During the plan year:		<b>Yes</b>	<b>No</b>	<b>Amount</b>
<b>a</b> Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program) .....	<b>10a</b>		X	
<b>b</b> Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.) .....	<b>10b</b>		X	
<b>c</b> Was the plan covered by a fidelity bond? .....	<b>10c</b>	X		300000
<b>d</b> Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty? .....	<b>10d</b>		X	
<b>e</b> Were any fees or commissions paid to any brokers, agents, or other persons by an insurance carrier, insurance service, or other organization that provides some or all of the benefits under the plan? (See instructions.) .....	<b>10e</b>		X	
<b>f</b> Has the plan failed to provide any benefit when due under the plan? .....	<b>10f</b>		X	
<b>g</b> Did the plan have any participant loans? (If "Yes," enter amount as of year-end.) .....	<b>10g</b>		X	
<b>h</b> If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.) .....	<b>10h</b>		X	
<b>i</b> If 10h was answered "Yes," check the box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3 .....	<b>10i</b>			

**Part VI Pension Funding Compliance**

**11** Is this a defined benefit plan subject to minimum funding requirements? (If "Yes," see instructions and complete Schedule SB (Form 5500) and lines 11a and b below.) If this is a defined contribution pension plan, leave line 11 blank and complete line 12 below.  Yes  No

**a** Enter the unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 ..... **11a** 0

**b PBGC missed contribution reporting requirements.** If the plan is covered by PBGC and the amount reported on line 11a is greater than \$0, has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:  
 Yes.  
 No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.  
 No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.  
 No. Other. Provide explanation \_\_\_\_\_

**12** Is this a defined contribution plan subject to the minimum funding requirements of section 412 of the Code or section 302 of ERISA? .....  Yes  No  
(If "Yes," complete line 12a or lines 12b, 12c, 12d, and 12e below, as applicable.) If this is a defined benefit pension plan, leave line 12 blank and complete line 11 above.

**a** If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions, and enter the date of the letter ruling granting the waiver. .... Month Day Year

**If you completed line 12a, complete lines 3, 9, and 10 of Schedule MB (Form 5500), and skip to line 13.**

**b** Enter the minimum required contribution for this plan year ..... **12b**

**c** Enter the amount contributed by the employer to the plan for this plan year ..... **12c**

**d** Subtract the amount in line 12c from the amount in line 12b. Enter the result (enter a minus sign to the left of a negative amount) ..... **12d**

**e** Will the minimum funding amount reported on line 12d be met by the funding deadline?.....  Yes  No  N/A

**Part VII Plan Terminations and Transfers of Assets**

**13a** Has a resolution to terminate the plan been adopted in any plan year? .....  Yes  No

**a** If "Yes," enter the amount of any plan assets that reverted to the employer this year..... **13a**

**b** Were all the plan assets distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC? .....  Yes  No

**c** If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

13c(1) Name of plan(s):	13c(2) EIN(s)	13c(3) PN(s)

**Part VIII IRS Compliance Questions**

**14a** Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules?  Yes  No

**14b** If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2).  
 Design-based safe harbor method  
 "Prior year" ADP test  
 "Current year" ADP test  
 N/A

**15** If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter \_\_\_/\_\_\_/\_\_\_ (MM/DD/YYYY) and the Opinion Letter serial number \_\_\_\_\_.

<b>SCHEDULE SB</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Single-Employer Defined Benefit Plan</b> <b>Actuarial Information</b>  This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).  <b>▶ File as an attachment to Form 5500 or 5500-SF.</b>	<small>OMB No. 1210-0110</small>  <b>2024</b>  <b>This Form is Open to Public Inspection</b>
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

▶ **Round off amounts to nearest dollar.**  
 ▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

<b>A</b> Name of plan <u>SOUTHERN PIONEER ELECTRIC COMPANY RETIREMENT PLAN</u>	<b>B</b> Three-digit plan number (PN) ▶	<u>002</u>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>SOUTHERN PIONEER ELECTRIC COMPANY</u>	<b>D</b> Employer Identification Number (EIN) <u>20-3898147</u>	
<b>E</b> Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B	<b>F</b> Prior year plan size: <input checked="" type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input type="checkbox"/> More than 500	

**Part I Basic Information**

<b>1</b>	Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2024</u>		
<b>2</b>	Assets:		
	<b>a</b> Market value .....	<b>2a</b>	<u>6911559</u>
	<b>b</b> Actuarial value .....	<b>2b</b>	<u>7038415</u>
<b>3</b>	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target
	<b>a</b> For retired participants and beneficiaries receiving payment .....	<u>1</u>	<u>35280</u>
	<b>b</b> For terminated vested participants .....	<u>13</u>	<u>224391</u>
	<b>c</b> For active participants .....	<u>49</u>	<u>4932831</u>
	<b>d</b> Total .....	<u>63</u>	<u>5192502</u>
<b>4</b>	If the plan is in at-risk status, check the box and complete lines (a) and (b)..... <input type="checkbox"/>		
	<b>a</b> Funding target disregarding prescribed at-risk assumptions .....	<b>4a</b>	
	<b>b</b> Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor .....	<b>4b</b>	
<b>5</b>	Effective interest rate .....	<b>5</b>	<u>5.35 %</u>
<b>6</b>	Target normal cost		
	<b>a</b> Present value of current plan year accruals .....	<b>6a</b>	<u>480713</u>
	<b>b</b> Expected plan-related expenses .....	<b>6b</b>	<u>0</u>
	<b>c</b> Target normal cost .....	<b>6c</b>	<u>480713</u>

**Statement by Enrolled Actuary**  
 To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

<b>SIGN HERE</b>		
	Signature of actuary	<u>06/16/2025</u> Date
	<u>TRACI M. CHRISTIAN</u> Type or print name of actuary	<u>23-06694</u> Most recent enrollment number
	<u>MCG CONSULTING GROUP</u> Firm name	<u>816-792-3838</u> Telephone number (including area code)
	<u>13725 METCALF SUITE 423 OVERLAND PARK, KS 66223</u> Address of the firm	

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions

<b>Part II Beginning of Year Carryover and Prefunding Balances</b>		(a) Carryover balance	(b) Prefunding balance
<b>7</b>	Balance at beginning of prior year after applicable adjustments (line 13 from prior year) .....	321232	0
<b>8</b>	Portion elected for use to offset prior year's funding requirement (line 35 from prior year) .....	0	0
<b>9</b>	Amount remaining (line 7 minus line 8) .....	321232	0
<b>10</b>	Interest on line 9 using prior year's actual return of <u>4.91</u> % .....	15772	0
<b>11</b>	Prior year's excess contributions to be added to prefunding balance:		
<b>a</b>	Present value of excess contributions (line 38a from prior year) .....		1006667
<b>b(1)</b>	Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.50</u> % .....		55367
<b>b(2)</b>	Interest on line 38b from prior year Schedule SB, using prior year's actual return .....		0
<b>c</b>	Total available at beginning of current plan year to add to prefunding balance .....		1062034
<b>d</b>	Portion of (c) to be added to prefunding balance .....		0
<b>12</b>	Other reductions in balances due to elections or deemed elections .....	0	0
<b>13</b>	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12) .....	337004	0

<b>Part III Funding Percentages</b>			
<b>14</b>	Funding target attainment percentage .....	<b>14</b>	117.31 %
<b>15</b>	Adjusted funding target attainment percentage .....	<b>15</b>	123.21 %
<b>16</b>	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement .....	<b>16</b>	119.16 %
<b>17</b>	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage .....	<b>17</b>	%

<b>Part IV Contributions and Liquidity Shortfalls</b>		<b>18 Contributions made to the plan for the plan year by employer(s) and employees:</b>					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees		
01/04/2024	86000	0	07/05/2024	86000	0		
02/08/2024	86000	0	08/01/2024	86000	0		
03/07/2024	86000	0	09/05/2024	86000	0		
04/04/2024	86000	0	10/03/2024	86000	0		
05/02/2024	86000	0	10/31/2024	86000	0		
06/06/2024	86000	0	12/05/2024	86000	0		
			<b>Totals ▶</b>	<b>18(b)</b>	1032000	<b>18(c)</b>	0

**19** Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:

<b>a</b>	Contributions allocated toward unpaid minimum required contributions from prior years .....	<b>19a</b>	0
<b>b</b>	Contributions made to avoid restrictions adjusted to valuation date .....	<b>19b</b>	0
<b>c</b>	Contributions allocated toward minimum required contribution for current year adjusted to valuation date .....	<b>19c</b>	1007291

**20** Quarterly contributions and liquidity shortfalls:

**a** Did the plan have a "funding shortfall" for the prior year?  Yes  No

**b** If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner?  Yes  No

**c** If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th

<b>Part V Assumptions Used to Determine Funding Target and Target Normal Cost</b>				
<b>21</b> Discount rate:				
<b>a</b> Segment rates:	1st segment: 4.75 %	2nd segment: 4.87 %	3rd segment: 5.59 %	<input type="checkbox"/> N/A, full yield curve used
<b>b</b> Applicable month (enter code) .....				<b>21b</b> 4
<b>22</b> Weighted average retirement age .....				<b>22</b> 62
<b>23</b> Mortality table(s) (see instructions)	<input checked="" type="checkbox"/> Prescribed - combined <input type="checkbox"/> Prescribed - separate <input type="checkbox"/> Substitute			

<b>Part VI Miscellaneous Items</b>				
<b>24</b> Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment..... <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
<b>25</b> Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment..... <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
<b>26</b> Demographic and benefit information				
<b>a</b> Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment. .... <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
<b>b</b> Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ... <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
<b>27</b> If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment.....				<b>27</b>

<b>Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years</b>				
<b>28</b> Unpaid minimum required contributions for all prior years .....				<b>28</b> 0
<b>29</b> Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a).....				<b>29</b> 0
<b>30</b> Remaining amount of unpaid minimum required contributions (line 28 minus line 29).....				<b>30</b> 0

<b>Part VIII Minimum Required Contribution For Current Year</b>				
<b>31</b> Target normal cost and excess assets (see instructions):				
<b>a</b> Target normal cost (line 6c) .....				<b>31a</b> 480713
<b>b</b> Excess assets, if applicable, but not greater than line 31a .....				<b>31b</b> 480713
<b>32</b> Amortization installments:	Outstanding Balance		Installment	
<b>a</b> Net shortfall amortization installment .....	0		0	
<b>b</b> Waiver amortization installment.....	0		0	
<b>33</b> If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount .....				<b>33</b>
<b>34</b> Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33).....				<b>34</b> 0
	Carryover balance	Prefunding balance	Total balance	
<b>35</b> Balances elected for use to offset funding requirement .....				
<b>36</b> Additional cash requirement (line 34 minus line 35) .....				<b>36</b> 0
<b>37</b> Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c) .....				<b>37</b> 1007291
<b>38</b> Present value of excess contributions for current year (see instructions)				
<b>a</b> Total (excess, if any, of line 37 over line 36)				<b>38a</b> 1007291
<b>b</b> Portion included in line 38a attributable to use of prefunding and funding standard carryover balances.....				<b>38b</b> 0
<b>39</b> Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37) .....				<b>39</b> 0
<b>40</b> Unpaid minimum required contributions for all years .....				<b>40</b> 0

<b>Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)</b>				
<b>41</b> If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. <input type="checkbox"/> 2019 <input type="checkbox"/> 2020 <input type="checkbox"/> 2021				

**SCHEDULE SB  
(Form 5500)**

Department of the Treasury  
Internal Revenue Service

Department of Labor  
Employee Benefits Security Administration  
Pension Benefit Guaranty Corporation

**Single-Employer Defined Benefit Plan  
Actuarial Information**

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500 or 5500-SF.**

OMB No. 1210-0110

**2024**

**This Form is Open to Public Inspection**

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

<b>A</b> Name of plan Southern Pioneer Electric Company Retirement Plan		<b>B</b> Three-digit plan number (PN) ▶	002
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF Southern Pioneer Electric Company		<b>D</b> Employer Identification Number (EIN) 20-3898147	

**E** Type of plan:  Single  Multiple-A  Multiple-B **F** Prior year plan size:  100 or fewer  101-500  More than 500

**Part I Basic Information**

<b>1</b> Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2024</u>			
<b>2</b> Assets:			
<b>a</b> Market value .....	<b>2a</b>	6,911,559	
<b>b</b> Actuarial value .....	<b>2b</b>	7,038,415	
<b>3</b> Funding target/participant count breakdown:	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
<b>a</b> For retired participants and beneficiaries receiving payment ....	1	35,280	35,280
<b>b</b> For terminated vested participants .....	13	224,391	224,391
<b>c</b> For active participants .....	49	4,932,831	5,452,690
<b>d</b> Total .....	63	5,192,502	5,712,361
<b>4</b> If the plan is in at-risk status, check the box and complete lines (a) and (b) .....	<input type="checkbox"/>		
<b>a</b> Funding target disregarding prescribed at-risk assumptions .....	<b>4a</b>		
<b>b</b> Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor .....	<b>4b</b>		
<b>5</b> Effective interest rate .....	<b>5</b>	5.35 %	
<b>6</b> Target normal cost			
<b>a</b> Present value of current plan year accruals .....	<b>6a</b>	480,713	
<b>b</b> Expected plan-related expenses .....	<b>6b</b>	0	
<b>c</b> Target normal cost .....	<b>6c</b>	480,713	

**Statement by Enrolled Actuary**

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

**SIGN  
HERE**

Signature of actuary

Traci M. Christian

Type or print name of actuary

MCG Consulting Group

Firm name

13725 Metcalf  
Suite 423

US Overland Park KS 66223

Address of the firm

06/16/2025

Date

23-06694

Most recent enrollment number

(816) 792-3838

Telephone number (including area code)

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions

<b>Part II Beginning of Year Carryover and Prefunding Balances</b>		(a) Carryover balance	(b) Prefunding balance
<b>7</b>	Balance at beginning of prior year after applicable adjustments (line 13 from prior year) .....	321,232	0
<b>8</b>	Portion elected for use to offset prior year's funding requirement (line 35 from prior year) .....	0	0
<b>9</b>	Amount remaining (line 7 minus line 8) .....	321,232	0
<b>10</b>	Interest on line 9 using prior year's actual return of <u>4.91</u> % .....	15,772	0
<b>11</b>	Prior year's excess contributions to be added to prefunding balance:		
<b>a</b>	Present value of excess contributions (line 38a from prior year) .....		1,006,667
<b>b(1)</b>	Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.50</u> % ...		55,367
<b>b(2)</b>	Interest on line 38b from prior year Schedule SB, using prior year's actual return .....		
<b>c</b>	Total available at beginning of current plan year to add to prefunding balance		1,062,034
<b>d</b>	Portion of (c) to be added to prefunding balance .....		
<b>12</b>	Other reductions in balances due to elections or deemed elections .....	0	0
<b>13</b>	Balance at beginning of current year (line 9 + line 10 + line 11d - line 12) ....	337,004	0

<b>Part III Funding Percentages</b>			
<b>14</b>	Funding target attainment percentage .....	<b>14</b>	117.31 %
<b>15</b>	Adjusted funding target attainment percentage .....	<b>15</b>	123.21 %
<b>16</b>	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement .....	<b>16</b>	119.16 %
<b>17</b>	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage .....	<b>17</b>	%

<b>Part IV Contributions and Liquidity Shortfalls</b>							
<b>18</b> Contributions made to the plan for the plan year by employer(s) and employees:							
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees		
01/04/2024	86,000		09/05/2024	86,000			
02/08/2024	86,000		10/03/2024	86,000			
03/07/2024	86,000		10/31/2024	86,000			
04/04/2024	86,000		12/05/2024	86,000			
05/02/2024	86,000						
06/06/2024	86,000						
07/05/2024	86,000						
08/01/2024	86,000						
			<b>Totals ▶</b>	<b>18(b)</b>	1,032,000	<b>18(c)</b>	0

<b>19</b> Discounted employer contributions -- see instructions for small plan with a valuation date after the beginning of the year:			
<b>a</b>	Contributions allocated toward unpaid minimum required contributions from prior years .....	<b>19a</b>	
<b>b</b>	Contributions made to avoid restrictions adjusted to valuation date .....	<b>19b</b>	
<b>c</b>	Contributions allocated toward minimum required contribution for current year adjusted to valuation date .....	<b>19c</b>	1,007,291
<b>20</b> Quarterly contributions and liquidity shortfalls:			
<b>a</b>	Did the plan have a "funding shortfall" for the prior year? .....	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>b</b>	If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? .....	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>c</b>	If line 20a is "Yes," see instructions and complete the following table as applicable:		

Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th

**Part V Assumptions Used To Determine Funding Target and Target Normal Cost**

**21** Discount rate:

**a** Segment rates:

1st segment: 4.75 %	2nd segment: 4.87 %	3rd segment: 5.59 %	<input type="checkbox"/> N/A, full yield curve used
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**b** Applicable month (enter code) ..... **21b** 4

**22** Weighted average retirement age ..... **22** 62

**23** Mortality table(s) (see instructions)  Prescribed - combined  Prescribed - separate  Substitute

**Part VI Miscellaneous items**

**24** Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment .....  Yes  No

**25** Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment .....  Yes  No

**26** Demographic and benefit information

**a** Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment .....  Yes  No

**b** Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment .....  Yes  No

**27** If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment ..... **27**

**Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years**

**28** Unpaid minimum required contributions for all prior years ..... **28**

**29** Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a) ..... **29**

**30** Remaining amount of unpaid minimum required contributions (line 28 minus line 29) ..... **30**

**Part VIII Minimum Required Contribution For Current Year**

**31** Target normal cost and excess assets (see instructions):

<b>a</b> Target normal cost (line 6c) .....	<b>31a</b>	480,713
<b>b</b> Excess assets, if applicable, but not greater than line 31a .....	<b>31b</b>	480,713

**32** Amortization installments:

	Outstanding Balance	Installment
<b>a</b> Net shortfall amortization installment .....		
<b>b</b> Waiver amortization installment .....		

**33** If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_ ) and the waived amount ..... **33**

**34** Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33) ..... **34** 0

	Carryover balance	Prefunding Balance	Total balance
<b>35</b> Balances elected for use to offset funding requirement .....			
<b>36</b> Additional cash requirement (line 34 minus line 35) .....			0
<b>37</b> Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c) .....			1,007,291

**38** Present value of excess contributions for current year (see instructions)

<b>a</b> Total (excess, if any, of line 37 over line 36)	<b>38a</b>	1,007,291
<b>b</b> Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	<b>38b</b>	0

**39** Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37) ..... **39** 0

**40** Unpaid minimum required contributions for all years ..... **40** 0

**Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)**

**41** If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies.  2019  2020  2021

## ***Summary of Plan Provisions***

### **Attachment to 2024 Schedule SB (Form 5500)**

Following is a summary of the major plan provisions used to determine the plan's financial position. It should not be relied upon for determining individual plan benefits.

#### **Effective Date**

Aquila Retirement Income Plan was established January 1, 1948. The Southern Pioneer Electric Company Plan was spun out of Aquila and created on April 1, 2007. It was restated effective January 1, 2012. The Plan was most recently amended September 19, 2018.

#### **Eligibility**

All Employees who are 18 and older, excluding bargaining class employees, leased employees, custodians and clerks, shall become eligible to participate in the Plan on first day of the month.

#### **Normal Retirement Date**

A Participant will be eligible for a Normal Retirement Benefit on the first of the month following or coincident with the attainment of age 62.

#### **Average Compensation**

Average of the highest five compensations out of the last ten years earned after 4/1/2007.

#### **Accrual Service**

Service in a plan year is the number of hours worked divided by 2,080, not to exceed 1.0. Participants earn a partial year of service from 4/1/2007 spin off date to the 12/31/2007 plan year end.

#### **Benefit Formula**

The sum of (a) and (b) below:

- a) Participant's frozen Aquila accrued benefit as of April 1, 2007
- b) 1.5% of average compensation multiplied by years of accrual service from April 1, 2007.

#### **Early Retirement Date**

A Participant will be eligible for Early Retirement at age 55.

#### **Early Retirement Benefit**

For participants who were in the Aquila plan at 4/1/2007, the Early Retirement Factor for the Accrued Benefit at 4/1/2007 is 6% per year. Otherwise, the early retirement benefit is the benefit calculated under normal retirement, but reduced by 1/15 for each of the first five years early retirement precedes normal (age 62) and 1/30 for the next two.

**Disability Benefit**

The participant will continue to receive credit for years of service during the period of total and permanent disability, up to the Normal Retirement Date.

**Vesting**

Participants hired before April 27, 2016 must work one hour in a Vesting Computation Period in order to earn a Year of Vesting Service. Participants hired after April 27, 2016 must work 1,000 hours in a Vesting Computation Period in order to earn a Year of Vesting Service.

Vesting is 10% per year for the first four years, then 100% vested in the fifth year. Service with Aquila and military is included.

**Death Benefit**

The death benefit is the benefit the spouse would have received had the employee retired just prior to death and elected the qualified joint and 50% survivor form of payment. In lieu of this benefit, the surviving spouse may elect to receive \$50 per month until the earlier of remarriage, death or attainment of 62 and thereafter the regular death benefit. If the participant is not married, the beneficiary shall receive a monthly annuity for 10 years certain or an equivalent lump sum payment.

*Attachment to 2024 Schedule SB (Form 5500) - Line 22*

**Description of Weighted Average Retirement Age**

**Client: Southern Pioneer Electric Company Retirement Plan**  
**Valuation Date 1/1/2024**

**EIN: 20-3898147**

**PN: 002**

The age reported is the average retirement age for all active participants as of the valuation date rounded to the nearest whole age. For an active late retiree, the assumed retirement age may be later than the Plan's normal retirement age. Each participant's rate of retirement is assumed to be 100% at his assumed retirement age.



## Demographic Assumptions

Mortality	2024 IRS Prescribed Mortality-Optional Combined Tables for Small Plans. For accounting purposes, Pri-2012 mortality with generational projections using the most recently available projection scale (MP-2024 for 2024 Expense)
Termination of Employment	25% of 2003 Society of Actuaries Small Plan Age Table
Disability	1987 Commissioner's Group Disability
Retirement	Age 62
Marital Status	For valuing death benefits, 100% of Participants are assumed to be married with males 3 years older than their female spouses.

## Change in Assumptions

Interest discount rates and funding mortality assumptions were updated in accordance with the Pension Protection Act of 2006

## Funding Method – Traditional Unit Credit

The actuarial present values of all benefits expected to accrue during the upcoming year for all individuals plus expected plan expenses are the **Target Normal Cost** for the valuation year.

The actuarial present values of all benefits allocated to all valuation years preceding the actuarial valuation date is the actuarial accrued liability or the **Funding Target**. The excess of the actuarial accrued liability over the actuarial value of plan assets is the unfunded actuarial accrued liability.

The actuarial gain (loss) is a measure of the difference between actual experience and that expected based upon the actuarial assumptions between two actuarial valuation dates. Under this actuarial cost method, the actuarial gains (losses) are directly calculated and reduce (increase) the unfunded actuarial accrued liability.

### **Pension Expense Method – Projected Unit Credit Actuarial Cost Method**

The actuarial method used in developing the Net Periodic Pension Cost, and the required disclosures, is the Projected Unit Credit Actuarial Cost Method. Cumulative net actuarial gains and losses in excess of 10% of the greater of PBO or assets are amortized over the average future service of active participants. Increases in the benefit obligations due to Plan amendments are amortized on a straight-line basis over the average future service of active participants.

### **Asset Valuation Method**

For funding purposes, the actuarial value of assets is a three-year smoothing of asset gains or losses. The expected investment return rate is the lesser of 6.75% or the third funding segment rate of IRC 430(h). Accrued contributions are discounted back to the valuation date at the prior year's effective interest rate.

For pension expense purposes, the market-related value of assets is defined as the actual market value of assets, including accrued income, but not including accrued employer contributions.

### **Valuation Procedures**

No liability is held for non-vested, terminated employees, even if a break-in-service had not occurred as of the valuation date.

### **Method Changes since prior valuation**

None.

### **Assessment and Disclosure of Risk**

The Actuarial Standards of Practice require the plan's actuary to assess certain risks to the plan. Specifically, the impact of future events that may differ significantly from the assumptions used to produce the current actuarial valuation. The purpose of this information is to make the plan sponsor aware of such risks. For a more detailed analysis of any of these items, please contact our office.

**Mandated Assumptions:** Interest rates and mortality tables used for calculating the minimum required contribution are mandated by the Internal Revenue Service. As required interest rates decrease, the overall funding requirement, barring other mitigating circumstances, will increase. Updates to required mortality tables often extend life expectancies, which also results in an increase to plan liabilities.

Plan termination liability is based on current minimum lump sum assumptions for mortality and interest rates, again mandated by pension regulations. Annual changes to these required assumptions may have significant impact on plan termination liability from year to year.

**Contribution Risk:** Funding only the minimum required contribution will not typically fully fund the Plan on a plan termination basis. If the Plan is underfunded at plan termination, additional employer contributions may be required, or the owner(s) and participants may receive lesser benefits. In order for a former Highly Compensated Employee to receive a lump sum distribution, the Plan must be funded at certain levels prescribed by the Internal Revenue Code. This requirement may require additional funding to facilitate the distribution.

**Investment Risk:** Plan assets include plan sponsor contributions and asset earnings. The Plan's investment portfolio should take into consideration the funded status of the Plan, anticipated future contribution levels, and the plan sponsor's goals and expectations for the Plan. Investment performance may have a significant impact on future required contributions to fully fund the Plan on a plan termination basis.

**Demographic Risk:** Demographic changes from year to year can have a significant impact on valuation results.

**Participant Summary**

**Active Participants – Age and Service Distribution**

**Attachment to 2024 Schedule SB (Form 5500) – Line 26**

Age	Service							Total
	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	Over 30	
Under 24	5							5
25 - 29	3							3
30 - 34	2	3	3	1				9
35 - 39	2	2	2					6
40 - 44		1	1	3				5
45 - 49	2	1	2	3				8
50 - 54		1	1	3				5
55 - 59				1		1	1	3
60 - 64							5	5
65+	—	—	—	—	—	—	—	—
Total	14	8	9	11	0	1	6	49

	<u>2024</u>	<u>2023</u>	<u>2022</u>
Active Participants	49	46	46
Average Age	41.6	41.0	43.1
Average Service	12.8	12.6	13.7