

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans 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.	OMB Nos. 1210-0110 1210-0089 2021 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2021 or fiscal plan year beginning <u>01/01/2021</u> and ending <u>12/31/2021</u>	
A This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____
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 If the plan is a collectively-bargained plan, check here.	▶ ☒
D Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)
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 <u>SPIRE RETIREMENT INCOME PLAN</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1b Three-digit plan number (PN) ▶</td> <td style="width: 20%; text-align: center;"><u>013</u></td> </tr> <tr> <td colspan="2">1c Effective date of plan <u>04/30/2014</u></td> </tr> </table>	1b Three-digit plan number (PN) ▶	<u>013</u>	1c Effective date of plan <u>04/30/2014</u>	
1b Three-digit plan number (PN) ▶	<u>013</u>				
1c Effective date of plan <u>04/30/2014</u>					
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>SPIRE ALABAMA INC.</u> <u>605 RICHARD ARRINGTON JR. BLVD N</u> <u>BIRMINGHAM, AL 35203</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>2b Employer Identification Number (EIN) <u>63-0022000</u></td> </tr> <tr> <td>2c Plan Sponsor's telephone number <u>314-342-0739</u></td> </tr> <tr> <td>2d Business code (see instructions) <u>221210</u></td> </tr> </table>	2b Employer Identification Number (EIN) <u>63-0022000</u>	2c Plan Sponsor's telephone number <u>314-342-0739</u>	2d Business code (see instructions) <u>221210</u>	
2b Employer Identification Number (EIN) <u>63-0022000</u>					
2c Plan Sponsor's telephone number <u>314-342-0739</u>					
2d Business code (see instructions) <u>221210</u>					

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 accompanying schedules, statements and attachments, 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.

SIGN HERE	Filed with authorized/valid electronic signature.	10/12/2022	GERY GORLA
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Form 5500 (2021)
v. 210624

3a Plan administrator's name and address ☒ 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: a Sponsor's name c Plan Name		4b EIN 4d PN	
5 Total number of participants at the beginning of the plan year		5	1404
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d).			
a(1) Total number of active participants at the beginning of the plan year.....		6a(1)	782
a(2) Total number of active participants at the end of the plan year		6a(2)	765
b Retired or separated participants receiving benefits.....		6b	243
c Other retired or separated participants entitled to future benefits		6c	243
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d	1251
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e	118
f Total. Add lines 6d and 6e		6f	1369
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)		6g	
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested		6h	20
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item).....		7	
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 1A 3H			
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:			
9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor		9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)			
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☒ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary		b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☐ <u>0</u> A (Insurance Information) (4) ☐ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)	

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2021 Form M-1 annual report. If the plan was not required to file the 2021 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

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 2021 This Form is Open to Public Inspection
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For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

▶ **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.

A Name of plan <u>SPIRE RETIREMENT INCOME PLAN</u>	B Three-digit plan number (PN) ▶ <u>013</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>SPIRE ALABAMA INC.</u>	D Employer Identification Number (EIN) <u>63-0022000</u>
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
1 Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2021</u>	
2 Assets:	
a Market value	2a <u>123240227</u>
b Actuarial value	2b <u>118886306</u>
3 Funding target/participant count breakdown	
a For retired participants and beneficiaries receiving payment.....	(1) Number of participants <u>365</u> (2) Vested Funding Target <u>41760229</u> (3) Total Funding Target <u>41760229</u>
b For terminated vested participants.....	<u>257</u> <u>12803502</u> <u>12803502</u>
c For active participants	<u>782</u> <u>78174092</u> <u>85101850</u>
d Total.....	<u>1404</u> <u>132737823</u> <u>139665581</u>
4 If the plan is in at-risk status, check the box and complete lines (a) and (b)..... ☐	
a Funding target disregarding prescribed at-risk assumptions	4a
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.....	4b
5 Effective interest rate	5 <u>5.08</u> %
6 Target normal cost.....	
a Present value of current plan year accruals.....	6a <u>5184468</u>
b Expected plan-related expenses	6b <u>1260000</u>
c Total (line 6a + line 6b)	6c <u>6444468</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.

SIGN HERE		<u>10/01/2022</u> Date
Signature of actuary		<u>20-07695</u> Most recent enrollment number
<u>COREY BRUNO</u> Type or print name of actuary		<u>314-719-5900</u> Telephone number (including area code)
<u>WILLIS TOWERS WATSON US, LLC</u> Firm name		
<u>7733 FORSYTH BLVD</u> <u>SUITE 1350</u> <u>ST. LOUIS, MO 63105</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 ☐

For Paperwork Reduction Act Notice, see the Instructions for Form 5500 or 5500-SF.

Schedule SB (Form 5500) 2021
v. 201209

Part II Beginning of Year Carryover and Prefunding Balances

	(a) Carryover balance	(b) Prefunding balance
7 Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	0
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9 Amount remaining (line 7 minus line 8)	0	0
10 Interest on line 9 using prior year's actual return of <u>4.00</u> %	0	0
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year)		41596
b(1) 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>5.53</u> %		2300
b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
c Total available at beginning of current plan year to add to prefunding balance		43896
d Portion of (c) to be added to prefunding balance		0
12 Other reductions in balances due to elections or deemed elections	0	0
13 Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	0

Part III Funding Percentages

14 Funding target attainment percentage	14	85.12 %
15 Adjusted funding target attainment percentage	15	85.12 %
16 Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	92.34 %
17 If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls**18** 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
04/13/2021	2167000	0			
04/15/2021	33000	0			
07/15/2021	2200000	0			
10/15/2021	2200000	0			
01/11/2022	2200000	0			
09/14/2022	2500000	0			
Totals ▶			18(b)	11300000	18(c) 0

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

a Contributions allocated toward unpaid minimum required contributions from prior years	19a	0
b Contributions made to avoid restrictions adjusted to valuation date	19b	0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	10815488

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
0	0	0	0

Part V Assumptions Used to Determine Funding Target and Target Normal Cost**21** Discount rate:**a** Segment rates:1st segment:
3.32 %2nd segment:
4.79 %3rd segment:
5.47 %☐ N/A, full yield curve used**b** Applicable month (enter code)**21b**

0

22 Weighted average retirement age**22**

60

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** Is the plan required to provide a Schedule of Active Participants? 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** 0**29** Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)..... **29** 0**30** Remaining amount of unpaid minimum required contributions (line 28 minus line 29)..... **30** 0**Part VIII Minimum Required Contribution For Current Year****31** Target normal cost and excess assets (see instructions):**a** Target normal cost (line 6c)..... **31a** 6444468**b** Excess assets, if applicable, but not greater than line 31a **31b** 0**32** Amortization installments:**a** Net shortfall amortization installment Outstanding Balance 20779275 Installment 4329897**b** Waiver amortization installment 0 0**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** 10774365**35** Balances elected for use to offset funding requirement Carryover balance 0 Prefunding balance 0 Total balance 0**36** Additional cash requirement (line 34 minus line 35) **36** 10774365**37** Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c) **37** 10815488**38** Present value of excess contributions for current year (see instructions)**a** Total (excess, if any, of line 37 over line 36) **38a** 41123**b** Portion included in line 38a attributable to use of prefunding and funding standard carryover balances..... **38b** 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 Pension Relief Act of 2010 (See Instructions)****41** If an election was made to use PRA 2010 funding relief for this plan:**a** Schedule elected ☐ 2 plus 7 years ☐ 15 years**b** Eligible plan year(s) for which the election in line 41a was made ☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2021 This Form is Open to Public Inspection.
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For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

A Name of plan <u>SPIRE RETIREMENT INCOME PLAN</u>	B Three-digit plan number (PN) ▶ <u>013</u>	
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>SPIRE ALABAMA INC.</u>	D Employer Identification Number (EIN) <u>63-0022000</u>	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: <u>THE SPIRE ALABAMA RETIRE INC TRUST</u>		
b Name of sponsor of entity listed in (a): <u>SPIRE ALABAMA INC.</u>		
c EIN-PN <u>63-0022000-100</u>	d Entity code <u>M</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>110398459</u>
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
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103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
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plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2021 This Form is Open to Public Inspection
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For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021		
A Name of plan SPIRE RETIREMENT INCOME PLAN	B Three-digit plan number (PN)	013
C Plan sponsor's name as shown on line 2a of Form 5500 SPIRE ALABAMA INC.	D Employer Identification Number (EIN) 63-0022000	

Part I	Asset and Liability Statement
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1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash.....	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	3000000	4700000
(2) Participant contributions.....	1b(2)		
(3) Other	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)		
(9) Value of interest in common/collective trusts.....	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts.....	1c(11)	120284182	110398459
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)		
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other.....	1c(15)		

		(a) Beginning of Year	(b) End of Year
1d	Employer-related investments:		
(1)	Employer securities.....	1d(1)	
(2)	Employer real property.....	1d(2)	
e	Buildings and other property used in plan operation	1e	
f	Total assets (add all amounts in lines 1a through 1e)	1f	123284182 115098459
Liabilities			
g	Benefit claims payable	1g	
h	Operating payables	1h	60402 76636
i	Acquisition indebtedness.....	1i	
j	Other liabilities.....	1j	
k	Total liabilities (add all amounts in lines 1g through 1j)	1k	60402 76636
Net Assets			
l	Net assets (subtract line 1k from line 1f)	1l	123223780 115021823

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

		(a) Amount	(b) Total
Income			
a	Contributions:		
(1)	Received or receivable in cash from: (A) Employers	2a(1)(A)	11300000
	(B) Participants	2a(1)(B)	
	(C) Others (including rollovers).....	2a(1)(C)	
(2)	Noncash contributions.....	2a(2)	
(3)	Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)	11300000
b	Earnings on investments:		
(1)	Interest:		
	(A) Interest-bearing cash (including money market accounts and certificates of deposit).....	2b(1)(A)	
	(B) U.S. Government securities	2b(1)(B)	
	(C) Corporate debt instruments	2b(1)(C)	
	(D) Loans (other than to participants)	2b(1)(D)	
	(E) Participant loans.....	2b(1)(E)	
	(F) Other	2b(1)(F)	
	(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)	0
(2)	Dividends: (A) Preferred stock.....	2b(2)(A)	
	(B) Common stock	2b(2)(B)	
	(C) Registered investment company shares (e.g. mutual funds).....	2b(2)(C)	
	(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)	0
(3)	Rents	2b(3)	
(4)	Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	
	(B) Aggregate carrying amount (see instructions).....	2b(4)(B)	
	(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)	0
(5)	Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)	
	(B) Other	2b(5)(B)	
	(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)	0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts.....	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts.....	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts.....	2b(8)		9763135
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds).....	2b(10)		
c Other income.....	2c		
d Total income. Add all income amounts in column (b) and enter total.....	2d		21063135
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers.....	2e(1)	28327220	
(2) To insurance carriers for the provision of benefits.....	2e(2)		
(3) Other.....	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3).....	2e(4)		28327220
f Corrective distributions (see instructions).....	2f		
g Certain deemed distributions of participant loans (see instructions).....	2g		
h Interest expense.....	2h		
i Administrative expenses: (1) Professional fees.....	2i(1)		
(2) Contract administrator fees.....	2i(2)		
(3) Investment advisory and management fees.....	2i(3)		
(4) Other.....	2i(4)	937872	
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		937872
j Total expenses. Add all expense amounts in column (b) and enter total.....	2j		29265092
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d.....	2k		-8201957
l Transfers of assets:			
(1) To this plan.....	2l(1)		
(2) From this plan.....	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☒ Unmodified (2) ☐ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☒ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☐ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: FORVIS,LLP

(2) EIN: 44-0160260

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

a 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.).....

	Yes	No	Amount
4a		X	

	Yes	No	Amount
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)			
4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)			
4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)			
4d		X	
e Was this plan covered by a fidelity bond?	X		10000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)			
4i		X	
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)			
4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?			
4k		X	
l Has the plan failed to provide any benefit when due under the plan?			
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
4m		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			
4n			
5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year?..... ☐ Yes ☒ No If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.			
5b 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.)			
5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)	
5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☒ Yes ☐ No ☐ Not determined If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year <u>431028</u> .			

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2021 This Form is Open to Public Inspection.
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For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

A Name of plan SPIRE RETIREMENT INCOME PLAN	B Three-digit plan number (PN) ► 013
C Plan sponsor's name as shown on line 2a of Form 5500 SPIRE ALABAMA INC.	D Employer Identification Number (EIN) 63-0022000

Part I	Distributions
---------------	----------------------

All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....	1	0
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 31-0841368		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year	3	48

Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)
----------------	---

4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)?	☐ Yes	☒ No	☐ N/A
If the plan is a defined benefit plan, go to line 8.			
5 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 ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.			
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)	6a		
b Enter the amount contributed by the employer to the plan for this plan year	6b		
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)	6c		
If you completed line 6c, skip lines 8 and 9.			
7 Will the minimum funding amount reported on line 6c be met by the funding deadline?	☐ Yes	☐ No	☐ N/A
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change?	☐ Yes	☐ No	☒ N/A

Part III	Amendments
-----------------	-------------------

9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box.....	☐ Increase	☐ Decrease	☐ Both	☒ No
--	-----------------------------------	-----------------------------------	-------------------------------	--

Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.
----------------	---

10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?	☐ Yes	☐ No
11 a Does the ESOP hold any preferred stock?	☐ Yes	☐ No
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)	☐ Yes	☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?	☐ Yes	☐ No

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Schedule R (Form 5500) 2021
v. 201209

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

- 14** Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:

a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment).....

14a

b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....

14b

c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....

14c

- 15** Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year.....

15a

b The corresponding number for the second preceding plan year

15b

- 16** Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year

16a

b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers.....

16b

- 17** If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment..... ☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

- 18** If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment..... ☐

- 19** If the total number of participants is 1,000 or more, complete lines (a) through (c)

a Enter the percentage of plan assets held as:

Stock: 40.6 % Investment-Grade Debt: 48.6 % High-Yield Debt: _____ % Real Estate: 2.4 % Other: 8.4 %

b Provide the average duration of the combined investment-grade and high-yield debt:

☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☒ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

c What duration measure was used to calculate line 19(b)?

☒ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____

- 20 PBGC missed contribution reporting requirements.** If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.

a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☒ No

b If line 20a is "Yes," 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 _____

**SPIRE RETIREMENT
INCOME PLAN**

**Employer Identification Number: 63-0022000
Plan Number: 013**

**Financial Statements as of
and for the Years Ended
December 31, 2021 and 2020,
and Independent Auditor's Report**

SPIRE RETIREMENT INCOME PLAN

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Independent Auditor's Report

Spire Inc. Retirement Plans Committee
Spire Retirement Income Plan
St. Louis, Missouri

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit for the 2021 Financial Statements

We have performed an audit of the financial statements of Spire Retirement Income Plan (Plan), an employee benefit Plan subject to the *Employee Retirement Income Security Act of 1974* (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statement of net assets available for benefits as of December 31, 2021, and the related statement of changes in net assets available for benefits for the year then ended, and the related notes to the financial statements (2021 Financial Statements).

Management, having determined it is permissible in the circumstances, has elected to have the audit of the 2021 financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audit need not extend to any statements or information related to assets held for investment of the Plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained a certification from a qualified institution as of and for the year ended December 31, 2021, stating that the certified investment information, as described in Note 9 to the financial statements, is complete and accurate.

Opinion on the 2021 Financial Statements

In our opinion, based on our audit and on the procedures performed as described in the Auditor's Responsibilities for the Audit of the 2021 Financial Statements section:

- The amounts and disclosures in the accompanying 2021 financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.
- The information in the accompanying 2021 financial statements related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Basis for Opinion on the 2021 Financial Statements

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the 2021 Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the 2021 Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern within one year after the date that these financial statements are available to be issued.

Management is also responsible for maintaining a current Plan instrument, including all Plan amendments, administering the Plan, and determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditor's Responsibilities for the Audit of the 2021 Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit of the 2021 Financial Statements section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if, there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.

- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

Our audit did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of accounting principles generally accepted in the United States of America.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Auditor's Report on the 2020 Financial Statements

We were engaged to audit the 2020 financial statements of the Plan. As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA, the Plan Administrator instructed us not to perform and we did not perform any auditing procedures with respect to the information certified by a qualified institution. In our report dated October 12, 2021, we indicated that (a) because of the significance of the information that we did not audit, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion and accordingly, we did not express an opinion on the 2020 financial statements, and (b) the form and content of the information included in the 2020 financial statements other than that derived from the certified information were presented in compliance with the Department of Labor's Rules and Regulations under ERISA.

FORVIS, LLP

October 10, 2022
St. Louis, Missouri

Federal Employer Identification Number: 44-0160260

**SPIRE RETIREMENT
INCOME PLAN**
Statements of Net Assets Available for Benefits

	<u>December 31,</u>	
	<u>2021</u>	<u>2020</u>
ASSETS		
Investments, at Fair Value:		
Plan Interest in The Spire Alabama Retirement Income Trust	\$ 110,398,459	\$ 120,284,182
Employer Contributions Receivable	4,700,000	3,000,000
Total Assets	115,098,459	123,284,182
LIABILITIES		
Accrued Expenses Payable	76,636	60,402
NET ASSETS AVAILABLE FOR BENEFITS	<u><u>\$ 115,021,823</u></u>	<u><u>\$ 123,223,780</u></u>

See accompanying Notes to Financial Statements.

**SPIRE RETIREMENT
INCOME PLAN**
Statements of Changes in Net Assets Available for Benefits

	For the Years Ended December 31,	
	2021	2020
ADDITIONS:		
Investment Income:		
Plan Interest in The Spire Alabama Retirement Income Trust	\$ 10,058,953	\$ 4,916,011
Employer Contributions	11,300,000	9,000,000
Total Additions	21,358,953	13,916,011
DEDUCTIONS:		
Benefit Payments	28,327,220	21,796,908
Investment-Related and Administrative Expenses	1,233,690	1,143,712
Total Deductions	29,560,910	22,940,620
DECREASE IN NET ASSETS AVAILABLE FOR BENEFITS	(8,201,957)	(9,024,609)
NET ASSETS AVAILABLE FOR BENEFITS:		
Beginning of Year	123,223,780	132,248,389
End of Year	<u>\$ 115,021,823</u>	<u>\$ 123,223,780</u>

See accompanying Notes to Financial Statements.

**SPIRE RETIREMENT
INCOME PLAN
Notes to Financial Statements**

1. INFORMATION REGARDING THE PLAN

The following description of the Spire Retirement Income Plan (the “Plan”) is provided for general information only. Participants should refer to the Plan agreement for a more complete description of the Plan’s provisions. In case of conflict or discrepancy with the Plan documents, the Plan documents govern.

General – The Plan is a noncontributory defined benefit plan that was established effective April 30, 2014, for the benefit of all employees of Spire Alabama Inc., Spire Gulf Inc., and Spire Mississippi Inc. (collectively, “the Company”), except certain employees subject to the terms of a particular bargaining agreement between the United Steelworkers of America and the Employer.

The Plan consists of three parts - Part I Cash Balance Benefit and General Terms, Appendix A - Grandfathered Benefits Under the Alabama Gas Corporation Retirement Income Plan, and Appendix B - Grandfathered Benefits Under the Retirement Plan for Employees of EnergySouth, Inc. and Affiliates. The Plan provides for retirement, death, and disability benefits. In addition, surviving spouse benefits are available under certain circumstances. It is subject to the provisions of the Employee Retirement Income Security Act of 1974 (“ERISA”).

Plan Redesign – The Plan was redesigned to transition to a cash balance benefit for most participants beginning January 1, 2018, and for all remaining participants beginning January 1, 2020. The annual cash balance credit calculation applies a percentage, based upon the employee’s age, to Pensionable Compensation. Under the Plan, the benefit calculation remains for those employed as of December 31, 2017 (December 31, 2019 for those Spire Alabama employees hired prior to July 1, 2016 who are represented by Gas Fitters Local No. 548, AFL-CIO-CLC), although years of Credited Service and compensation were frozen as of that date.

Administration – The Spire Inc. Retirement Plans Committee is responsible for the administration of the Plan, and all payments under the Plan require direction of that committee. The Spire Inc. Defined Benefit Plan Investment Review Committee utilizes an OCIO model where investment decisions are outsourced to investment consultants (Willis Towers Watson), who in turn become co-fiduciaries with the committee.

The assets of the Plan are invested in the Spire Alabama Retirement Income Trust (“Master Trust”), under a trust agreement with U.S. Bank, N.A. (“Trustee”). The purpose of the Master Trust is the collective investment of the assets of participating employee benefit plans of the Company, including the Plan and the United Steelworkers - Spire Alabama Pension Plan.

Contributions – The Company has agreed to voluntarily contribute such amounts that are necessary to provide assets sufficient to meet the benefits to be paid to Plan members. The Company’s present intention is to make contributions in amounts sufficient to annually fund the Plan’s current service cost and the initial past-service costs plus interest on them over a period of 30 years. The Plan has met the minimum funding requirements established by the federal government, as determined by an independent actuary for the Plan for the years ended December 31, 2021 and 2020.

Pension Benefits – Effective January 1, 2018 (January 1, 2020 for those Spire Alabama employees hired prior to July 1, 2016 who are represented by Gas Fitters Local No. 548, AFL-CIO-CLC), employees

with three or more years of service are entitled to monthly pension benefits beginning at the normal retirement age of 65. Prior to January 1, 2018 (January 1, 2020 for those Spire Alabama employees hired prior to July 1, 2016 who are represented by Gas Fitters Local No. 548, AFL-CIO-CLC), an employee needed to attain five or more years of service to receive benefit payments. The Plan permits early retirement for participants having completed ten years of service and attained age 55. Subject to plan restrictions for certain participants, Employees may elect to receive their pension benefits in the form of a joint and survivor annuity, a lump-sum distribution upon retirement or termination, a 50/50 lump sum form and annuity split, or a life annuity payable monthly from retirement.

Death and Disability Benefits – If an inactive employee dies before their retirement date, a death benefit equal to 50% of the early retirement benefit that would have been payable to the participant as a single life annuity based on the years of service completed at the date of death is due to the employee's spouse. An employee who becomes completely and totally disabled, as determined by the Plan, will not be eligible for a disability retirement benefit under this Plan but shall be entitled to receive his normal, early, or delayed retirement benefit, as applicable, under the Plan.

Vesting – There is no partial vesting of benefits under the Plan. Participants become fully vested after three Years of Service, as defined by the Plan, or by attaining age 65.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting – The financial statements of the Plan have been prepared on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America ("GAAP").

Fair Value of Plan Assets – Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Fair value measurements must maximize the use of observable inputs and minimize the use of unobservable inputs. GAAP establishes a hierarchy of inputs used to measure fair value:

Level 1 Quoted prices in active markets for identical assets or liabilities.

Level 2 Observable inputs other than Level 1 prices, such as quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities.

Level 3 Unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities.

A description of the valuation methodologies used for assets measured at fair value on a recurring basis and recognized in the accompanying Statements of Net Assets Available for Benefits, as well as the general classification of such assets pursuant to the valuation hierarchy is included in Note 8.

Investment Valuation and Income Recognition – Investments held by the Master Trust are reported at fair value of the direct investments at December 31, 2021 and 2020 or, in some cases, the securities underlying the investments which are determined by quoted market prices.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation includes the Master Trust's gains and losses on investments bought, sold, and/or held during the period.

Actuarial Present Value of Accumulated Plan Benefits – For services through December 31, 2017, benefits under the Plan are based on employees' compensation during their last five years of

credited service. The accumulated plan benefits for active employees are based on their average compensation during the five years ending on the date as of which the benefit information is presented (the valuation date). Benefits payable under all circumstances – retirement, death, disability, and termination of employment – are included, to the extent they are deemed attributable to employee service rendered to the valuation date. Benefits to be provided via annuity contracts excluded from Plan assets are excluded from accumulated plan benefits.

Use of Estimates – The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities and changes therein, disclosure of contingent assets and liabilities, and the actuarial present value of accumulated plan benefits at the date of the financial statements. Actual results could differ from those estimates.

Risks and Uncertainties – The Master Trust invests in various securities including the following:

- Equity funds – global (including US)
- Equity index funds – global (including US)
- US bond funds
- US Government bond index funds
- Global credit funds (including US)
- Real asset funds

Investment securities, in general, are exposed to various risks, such as interest rate, credit, and overall market volatility.

There has been significant volatility in the investment markets both nationally and globally. While the Plan has no immediate intention to liquidate any significant portion of its portfolio, the Plan may be required to liquidate a portion of these investments in order to pay plan expenses or benefits to participants. Conversely, planned contribution amounts may have to be adjusted to ensure continuous payment of all benefit types.

Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and such changes could materially affect the amounts reported in the financial statements.

Administrative Expenses – The Company, the Plan sponsor, provides certain administrative and accounting services to the Plan at no cost and also pays certain other administrative expenses on behalf of the Plan. All other expenses, such as administrator fees, trustee fees, actuarial fees, and audit fees, are paid by the Plan. In addition, certain investment related expenses are included in Plan interest in the Spire Alabama Retirement Income Trust presented in the accompanying statements of changes in net assets available for benefits.

Payment of Benefits – Benefit payments are recorded upon distribution.

Review of Subsequent Events – Subsequent events have been evaluated through October 10, 2022, which was the date the financial statements were available to be issued.

3. FUNDING

The Employer's funding policy is to contribute funds to the Plan as necessary to provide for current service and for any unfunded projected benefit obligation over a reasonable period and as recommended by the Plan's independent actuary. This funding standard is such that, based on certain assumptions, annual contributions will provide adequate funding to meet benefit claims as they come due. Required

contributions are actuarially computed using the “present value of accrued benefits” cost method. The Employer has met these minimum funding requirements in both 2021 and 2020.

4. TAX STATUS

The plan has received a determination letter from the Internal Revenue Service dated September 28, 2016, stating that the plan is qualified under Section 401(a) of the Internal Revenue Code (“IRC”). The Plan has been amended subsequent to the determination letter, but the Plan administrator believes that the Plan and related trust are currently designed and being operated in compliance with the applicable requirements of the IRC. As such, the Plan is not subject to tax under income tax laws, and contributions and earnings will not be taxable to participants until such amounts are withdrawn or received in a distribution. Therefore, no provision for income taxes has been included in the Plan’s financial statements.

5. TERMINATION OF THE PLAN

Although it has not expressed any intent to do so, the Employer has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event the Plan terminates, the net assets of the Plan will be allocated, as prescribed by ERISA and its related regulations, generally to provide the following benefits in the order indicated:

1. Annuity benefits that former employees or their beneficiaries have been receiving for at least three years or that employees eligible to retire for that three-year period would have been receiving if they had retired with benefits in the normal form of annuity under the Plan. The priority amount is limited to the lowest benefit that was payable (or would have been payable) during those three years. The amount is further limited to the lowest benefit that would be payable under Plan provisions in effect at any time during the five years preceding Plan termination.
2. Other vested benefits insured by the Pension Benefit Guaranty Corporation (“PBGC”) (a U.S. Government agency), up to the applicable limitations.
3. All other vested benefits (that is, vested benefits not insured by the PBGC).
4. All nonvested benefits.

Certain benefits under the Plan are insured by the PBGC if the Plan terminates. Generally, the PBGC guarantees most vested normal age retirement benefits, early retirement benefits, and certain disability and survivor’s pensions. However, the PBGC does not guarantee all types of benefits under the Plan, and the amount of benefit protection is subject to certain limitations. Vested benefits under the Plan are guaranteed at the level in effect on the date of the Plan’s termination. However, there is a statutory ceiling, which is adjusted periodically, on the amount of an individual’s monthly benefit that the PBGC guarantees.

Whether all participants receive their benefits, should the Plan terminate at some future time, will depend on the sufficiency, at the time, of the Plan’s net assets to provide for accumulated benefit obligations, the financial condition of the Employer, or the level of benefits guaranteed by the PBGC.

6. ACTUARIAL PRESENT VALUE OF ACCUMULATED PLAN BENEFITS

Accumulated plan benefits are those future periodic payments, including lump-sum distributions that are attributable under the Plan’s provisions to the service employees have rendered as of the valuation date. Accumulated plan benefits include benefits expected to be paid to (a) retired or terminated employees or

their beneficiaries, (b) beneficiaries of employees who have died, and (c) present employees or their beneficiaries.

The actuarial value of accumulated plan benefits has been determined by Willis Towers Watson and is that amount which results from applying actuarial assumptions to adjust the accumulated plan benefits to reflect the time value of money (through discounts for interest) and the probability of payment (by means of decrement such as for death, disability, withdrawal or retirement) between the valuation date and the expected date of payment. The significant actuarial assumptions used in the valuation as of December 31, 2020 were:

1. Funding interest rate – 6.75%
2. Healthy mortality – separate rates for non-annuitants and annuitants (based on Pri-2012 “Employees” and “Annuitants” tables, respectively, with blue/white collar adjustments for hourly/salaried participants), projected generationally using a modified version of scale MP-2018
3. Mortality rates for disabled lives – the Disabled Retiree Pri-2012 mortality table projected generationally using a modified version of scale MP-2018
4. Retirement – rates vary beginning at age 55
5. Salary scale – earnings assumed to increase annually by 3.0%

The foregoing actuarial assumptions were based on the presumption that the Plan will continue. If the Plan were to terminate, different actuarial assumptions and other factors might be applicable in determining the actuarial present value of accumulated plan benefits.

The actuarial present value of accumulated plan benefits as of December 31, 2020 was as follows:

	December 31, 2020
Vested benefits:	
Participants currently receiving payments	\$ 35,721,174
Other participants	\$ 87,076,292
	122,797,466
Non-vested benefits	4,588,854
Total actuarial value present value of accumulated plan benefits	<u>\$ 127,386,320</u>

The reconciliation of the beginning and ending balances of the actuarial present value of accumulated plan benefits is as follows:

	December 31, 2020
Actuarial present value of accumulated plan benefits at beginning of year	\$ 121,469,030
Additional benefits accumulated (including the effect on non-investment experience)	4,144,561
Interest due to decrease in discount period	8,316,931
Actuarial losses	7,552,652
Benefits paid	(21,796,908)
Change in actuarial assumptions	<u>7,700,054</u>
Actuarial present value of accumulated plan benefits at end of year	<u>\$ 127,386,320</u>

7. MASTER TRUST (UNAUDITED)

A summary of Master Trust assets and investment income, per the Trustee, is as follows:

	December 31,			
	2021		2020	
	Master Trust Balance	Plan's interest in Master Trust Balances	Master Trust Balance	Plan's interest in Master Trust Balances
Cash and cash equivalents	\$ 2,549,259	\$ 2,078,245	\$ 3,909,436	\$ 3,267,943
Equity funds - global (including US)	55,471,811	45,222,560	67,743,805	56,627,839
Equity index funds - global (including US)	-	-	4,857,970	4,060,834
US bond funds	17,316,869	14,117,317	19,849,832	16,592,706
US Government bond index funds	14,053,336	11,456,771	15,108,236	12,629,151
Global credit funds (including US)	21,509,844	17,535,577	22,649,156	18,932,694
Real asset funds	24,518,062	19,987,981	9,777,331	8,172,985
Total Master Trust Investments	<u>135,419,181</u>	<u>110,398,451</u>	<u>143,895,766</u>	<u>120,284,152</u>
Add: Accrued dividends and interest	10	8	36	30
Less: Accrued expenses	98,349	76,636	74,525	60,402
Total Master Trust Net Assets	<u>\$135,320,842</u>	<u>\$ 110,321,823</u>	<u>\$ 143,821,277</u>	<u>\$120,223,780</u>
	Years Ended December 31,			
	2021	2020		
Interest and dividends	\$ 129,444	\$ 590,585		
Net appreciation in fair value of investments	12,137,484	5,939,533		
Total investment income - per Trustee	<u>\$ 12,266,928</u>	<u>\$ 6,530,118</u>		

The Master Trust's assets are allocated among participating plans by assigning to each plan those transactions (primarily contributions and benefit payments) which can be specifically identified and allocated among all plans investment income and administrative expenses to the individual plans based on each participant's account balance within each investment fund option. As of December 31, 2021 and 2020, the Plan's proportionate share was 81.5% and 83.6%, respectively.

The Plan Administrator has obtained certifications from the Trustee as of and for the years ended December 31, 2021 and 2020, that the information for the Master Trust is complete and accurate.

8. FAIR VALUE MEASUREMENTS – MASTER TRUST (UNAUDITED)

Recurring Measurements

The tables below present the fair value measurements of the Master Trust's assets recognized in the Master Trust's Statements of Net Assets Available for Benefits (Note 7) measured at fair value on a recurring basis and the level within the fair value hierarchy in which the fair value measurements fall at December 31, 2021 and 2020.

		Fair Value Measurements Using	
	Fair Value	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)
December 31, 2021			
Cash and cash equivalents	\$ 2,549,259	\$ 2,549,259	\$ -
Equity funds - global (including US)	55,471,811	6,111,759	49,360,052
US bond funds	17,316,869	17,316,869	-
US Government bond index funds	14,053,336	14,053,336	-
Global credit funds (including US)	21,509,844	-	21,509,844
Real asset funds	24,518,062	-	24,518,062
Total	<u>\$ 135,419,181</u>	<u>\$ 40,031,223</u>	<u>\$ 95,387,958</u>

		Fair Value Measurements Using	
	Fair Value	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)
December 31, 2020			
Cash and cash equivalents	\$ 3,909,436	\$ 3,909,436	\$ -
Equity funds - global (including US)	67,743,805	6,111,759	61,632,046
Equity index funds - global (including US)	4,857,970	4,857,970	-
US bond funds	19,849,832	19,849,832	-
US Government bond index funds	15,108,236	15,108,236	-
Global credit funds (including US)	22,649,156	-	22,649,156
Real asset funds	9,777,331	-	9,777,331
Total	<u>\$ 143,895,766</u>	<u>\$ 49,837,233</u>	<u>\$ 94,058,533</u>

Following is a description of the valuation methodologies and inputs used for assets measured at fair value on a recurring basis and recognized in the accompanying Master Trust's statements of net assets available for benefits, as well as the general classification of such assets pursuant to the valuation hierarchy. The Plan had no assets or liabilities measured at fair value on a nonrecurring basis.

Investments

Where quoted market prices are available in an active market, securities are classified within Level 1 of the valuation hierarchy. If quoted market prices are not available, then fair values are estimated by using quoted prices of securities with similar characteristics or independent asset pricing services and pricing models, the inputs of which are market-based or independently sourced market parameters, including, but not limited to, yield curves, interest rates, volatilities, prepayments, defaults, cumulative loss projections and cash flows. Such securities are classified in Level 2 of the valuation hierarchy. In certain cases where Level 1 or Level 2 inputs are not available, securities are classified within Level 3 of the valuation hierarchy.

The Company employs a total return investment approach whereby a mix of equities and fixed income investments are used to maximize the long-term return of plan assets with a prudent level of risk. Risk tolerance is established through consideration of plan liabilities, plan funded status, corporate financial condition and market conditions. The Company has developed an investment strategy that focuses on asset allocation, diversification and quality guidelines. The investment goals are to obtain an adequate level of return to meet future obligations of the plan by providing above average risk-adjusted returns with a risk exposure in the mid-range of comparable funds. Comparative market and peer group benchmarks are utilized to ensure that investment managers are performing satisfactorily. The Company seeks to maintain an appropriate level of diversification to minimize the risk of large losses in a single asset class. Accordingly, plan assets for the pension plans do not have a concentration of assets in a single entity, industry, country, commodity or class of investment fund.

9. UNAUDITED INFORMATION PREPARED BY THE TRUSTEE

The Plan Administrator has elected the method of annual reporting compliance permitted by ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, U.S. Bank, N.A., a qualified institution, has certified the following investment information included in the accompanying financial statements is complete and accurate:

- Investments as shown in the statements of net assets available for benefits as of December 31, 2021 and 2020.
- Investment income as shown in the statements of changes in net assets available for benefits for the year ended December 31, 2021.

The Plan's independent auditors did not perform auditing procedures with respect to this certified investment information, except for comparing such certified investment information to the related investment information included in the financial statements.

10. PARTY-IN-INTEREST TRANSACTIONS

Party-in-interest transactions include those with fiduciaries or employees of the Plan, any person who provides services to the Plan, an employer whose employees are covered by the Plan, an employee organization whose members are covered by the Plan, a person who owns 50 percent or more of such an employer or relatives of such persons. The Plan incurs expenses related to general administration and record keeping. The Company pays a portion of these expenses and certain accounting and auditing fees related to the Plan.

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26 Schedule of Active Participant Data as of January 1, 2021

Attained Age	Attained Years of Credited Service ¹										Total
	Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over	
Under 25	4	7	0	0	0	0	0	0	0	0	11
25-29	2	40	3	0	0	0	0	0	0	0	45
30-34	4	51	22	4	0	0	0	0	0	0	81
35-39	3	25	28	35	12	0	0	0	0	0	103
40-44	1	30	16	31	24	13	1	0	0	0	116
45-49	2	20	17	30	24	23	7	1	0	0	124
50-54	2	16	1	11	13	18	28	21	1	0	111
55-59	0	15	3	8	15	21	17	26	11	2	118
60-64	0	9	1	7	4	6	5	14	12	6	64
65-69	0	2	0	0	0	2	0	2	1	2	9
70 & over	0	0	0	0	0	0	0	0	0	0	0
Total	18	215	91	126	92	83	58	64	25	10	782

¹ Age and service for purposes of determining category are based on exact (not rounded) values.

Plan Name: Spire Retirement Income Plan

EIN / PN: 63-0022000/013

Plan Sponsor: Spire Alabama Inc.

Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Statement of Actuarial Assumptions/Methods

Assumptions and Methods for Contribution Purposes

Economic Assumptions Common to All Participants

Interest rate basis

- Applicable month January
- Interest rate basis Segment Rates

Interest rates	Reflecting Stabilization	Not Reflecting Stabilization
■ First segment rate	3.32%	1.75%
■ Second segment rate	4.79%	3.04%
■ Third segment rate	5.47%	3.65%
■ Effective interest rate	5.08%	3.36%

Annual rates of increase

- Compensation: 3.00%
- Interest credit rate: 4.50%
- Cost of living: 2.50%

Plan-related expenses \$1,260,000 administrative expenses included in the normal cost are expected to be paid from the trust

Plan Name: Spire Retirement Income Plan
EIN / PN: 63-0022000/013
Plan Sponsor: Spire Aalabama Inc.
Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

Demographic Assumptions

Inclusion date	The valuation date coincident with or next following the date on which the employee becomes a participant.
New or rehired employees	It was assumed there will be no new or rehired employees.
Mortality	
■ Healthy	Separate rates for non-annuitants (based on RP-2014 "Employees" table without collar or amount adjustments, adjusted backward to 2006 with MP-2014, and then projected forward with a static projection as specified in the regulations under §1.430(h)(3)-1 using Scale MP-2019 and annuitants (based on RP-2014 "Healthy Annuitants" table without collar or amount adjustments, adjusted backward to 2006 with MP-2014, and then projected forward with a static projection as specified in the regulations under §1.430(h)(3)-1 using Scale MP-2019.
■ Disabled	Alternative disabled life mortality tables as defined under Revenue Ruling 96-7.
Optional form election percentage	80% Lump Sum.
Optional payment form conversion interest rate	Same as funding interest rates above for lump sums.
Optional payment form conversion mortality	Current IRC section 417(e) table for lump sums.
Decrement Timing	Middle of year decrements.
Surviving Spouse Benefit	It is assumed that 80% of males and 60% of females have an eligible spouse, and that males are two years older than their spouses.

Plan Name:	Spire Retirement Income Plan
EIN / PN:	63-0022000/013
Plan Sponsor:	Spire Aalabama Inc.
Valuation Date:	January 1, 2021

SCHEDULE SB ATTACHMENTS

Termination

Rates varying by age and service

■ Spire Retirement Income Plan

Representative Termination Rates

Termination Rate for non-union participants

Age	Years of Service	
	1-4	5+
20-29	15.0%	12.0%
30-34	15.0%	8.0%
35-39	15.0%	7.0%
40-44	15.0%	6.0%
45-49	15.0%	5.0%
50-54	15.0%	4.0%
55+	0.0%	0.0%

Termination Rate for union participants

Age	Years of Service	
	1-4	5+
20-29	5.0%	2.0%
30-34	5.0%	1.5%
35-39	5.0%	1.0%
40-44	5.0%	0.5%
45-49	5.0%	0.5%
50-54	5.0%	0.5%
55+	0.0%	0.0%

■ Retirement Plan for Employees of Energy South, Inc. and Affiliates

Representative Termination Rates

Percentage leaving during the year

Attained Age	
20-39	8.0%
40-44	7.0%
45-49	6.0%
50-54	5.0%
55+	0.0%

Plan Name: Spire Retirement Income Plan
EIN / PN: 63-0022000/013
Plan Sponsor: Spire Alabama Inc.
Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

Disability

The rates at which participants become disabled by age and gender are shown below:

■ Spire Retirement Income Plan

Percentage becoming disabled during the year		
Age	Males	Females
25	0.068%	0.040%
30	0.098%	0.068%
35	0.146%	0.116%
40	0.230%	0.176%
45	0.360%	0.278%
50	0.636%	0.498%
55	1.760%	0.832%
60	2.240%	1.410%
65+	0.000%	0.000%

■ Retirement Plan for Employees of Energy South, Inc. and Affiliates

1965-1969 Inter-Company Table

The rates at which participants become disabled by age and gender are shown below:

Percentage becoming disabled during the year		
Age	Males	Females
25	0.14%	0.03%
30	0.19%	0.03%
35	0.26%	0.03%
40	0.39%	0.04%
45	0.59%	0.08%
50	1.00%	0.21%
55	1.77%	0.45%
60	2.78%	1.01%

Plan Name: Spire Retirement Income Plan
EIN / PN: 63-0022000/013
Plan Sponsor: Spire Alabama Inc.
Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

Retirement

Rates varying by age.

■ Spire Retirement Income Plan

For purposes of determining the Funding Target and Target Normal Cost (both disregarding at-risk assumptions), the rates at which participants retire by age are shown below.

Percentage retiring during the year for non-union participants

Attained Age	
55-58	15.0%
59-61	20.0%
62-66	30.0%
67+	100.0%

Percentage retiring during the year for union participants

Attained Age	
55-60	8.0%
61	10.0%
62-66	15.0%
67+	100.0%

Terminated vested participants are assumed to retire at age 60

■ Retirement Plan for Employees of Energy South, Inc. and Affiliates

For purposes of determining the Funding Target and Target Normal Cost (both disregarding at-risk assumptions), the rates at which participants retire by age are shown below.

Rates varying by age.

Percentage retiring during the year

Attained Age	
55	10.0%
56-61	2.5%
62-63	30.0%
64-66	35.0%
67+	100%

Benefit commencement date:

■ Preretirement death benefit

The later of the death of the active participant or the date the participant would have attained age 55

■ Deferred vested benefit

Legacy Participants of Retirement Plan for Employees of Energy South, Inc. and Affiliates: Future terminations, age 60 if at least 10 years of credited service at termination or 65 otherwise.

Other participants: 60

Plan Name: Spire Retirement Income Plan
EIN / PN: 63-0022000/013
Plan Sponsor: Spire Alabama Inc.
Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

■	Disability benefit	<i>Legacy Participants of Retirement Plan for Employees of Energy South, Inc. and Affiliates: Age 65</i> <i>Other participants: Upon disablement</i>
■	Retirement benefit	Upon termination of employment
Loads		None
Timing of benefit payments		Annuity payments are payable monthly at the beginning of the month and lump sum payments are payable on date of decrement.

Methods

Valuation date	First day of plan year
Funding target	Present value of accrued benefits as required by regulations under IRC §430.
Target normal cost	Present value of benefits expected to accrue during the plan year plus plan-related expenses expected to be paid from plan assets during the plan year as required by regulations under IRC §430.

Plan Name: Spire Retirement Income Plan
EIN / PN: 63-0022000/013
Plan Sponsor: Spire Aalabama Inc.
Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

Decrement timing

The approach used is called rounded middle of year (rounded MOY) decrement timing. Most events are assumed to occur at the middle of year during which the eligibility condition will be met or the start/end date will occur. For death and disability decrements, the rate applied is based on the participant's rounded age (nearest integer age) at the beginning of the year, to align with the methodology generally used to create those rate tables. For retirement and withdrawal decrements: the age is generally the participant's rounded age at the middle of the year.

Actuarial value of assets

Average of the fair market value of assets on the valuation date and 12 and 24 months preceding the valuation date, adjusted for contributions, benefits, administrative expenses and expected earnings (with such expected earnings limited as described in IRS Notice 2009-22). The average asset value must be within 10% of market value, including discounted contributions receivable (discounted using the effective interest rate for the 2020 plan year.)

The method of computing the actuarial value of assets complies with rules governing the calculation of such values under the Pension Protection Act of 2006 (PPA). These rules produce smoothed values that reflect the underlying market value of plan assets but fluctuate less than the market value. As a result, the actuarial value of assets will be lower than the market value in some years and greater in other years. However, over the long term under PPA's smoothing rules, the method has a significant bias to produce an actuarial value of assets that is below the market value of assets

Benefits not valued

All benefits described in the Plan Provisions section of this report were valued. Willis Towers Watson has reviewed the plan provisions with the plan sponsor and, based on that review, is not aware of any significant benefits required to be valued that were not.

Plan Name: Spire Retirement Income Plan
EIN / PN: 63-0022000/013
Plan Sponsor: Spire Aalabama Inc.
Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

Sources of Data and Other Information

Spire Alabama Inc. and its administrator furnished participant data of 1/1/2021. Information on assets, contributions and plan provisions was supplied by Spire Alabama Inc. and the trustee. Data and other information were reviewed for reasonableness and consistency, but no audit was performed. Based on discussions with the plan sponsor, assumptions or estimates were made when data were not available, and the data was adjusted to reflect any significant events that occurred between the date the data was collected and the measurement date. We are not aware of any errors or omissions in the data that would have a significant effect on the results of our calculations.

Assumptions Rationale - Significant Economic Assumptions

Discount rate	The basis chosen was selected by the plan sponsor from among choices prescribed by law, all of which are based on observed market data over certain periods of time.
Lump sum conversion rate	As required by IRC §430, lump sum benefits are valued using "annuity substitution", so that the interest rates assumed are effectively the same as described above for the discount rate.
Plan-related expenses	Administrative expenses are estimated by determining the expected actual expenses for the coming year, reflecting items like expected PBGC premiums and the actual expenses paid from the trust the preceding year.
Rates of increase in Compensation	Assumed compensation increases are based on a combination of assumed future (i) cost-of-living increases (CPI), (ii) productivity increases and (iii) promotional increases.
Cash Balance Interest crediting rate	The cash balance interest crediting rate for the plan is defined as the third segment rate from October of the prior calendar year. The assumption has been tied to the five-year average of the third segment rate, which is 4.56% for the most recent five-year period. The assumption was set at 4.50% reflecting this level.

Assumptions Rationale - Significant Demographic Assumptions

Healthy Mortality	Assumptions used for funding purposes are as prescribed by IRC §430(h).
Disabled Mortality	Assumptions used for funding purposes are as prescribed by Revenue Ruling 96-7.

Plan Name:	Spire Retirement Income Plan
EIN / PN:	63-0022000/013
Plan Sponsor:	Spire Alabama Inc.
Valuation Date:	January 1, 2021

SCHEDULE SB ATTACHMENTS

Termination

Termination rates were based on an experience study conducted in 2019, with annual consideration of whether any conditions have changed that would be expected to produce different results in the future.

Retirement

Retirement rates were based on an experience study conducted in 2019, with annual consideration of whether any conditions have changed that would be expected to produce different results in the future.

Form of payment

The percentage of retiring participants assumed to take lump sums is based on an experience study conducted in 2019.

Prescribed Methods

Funding methods

The methods used for funding purposes as described in Appendix A, including the method of determining plan assets, are "prescribed methods set by law", as defined in the actuarial standards of practice (ASOPs). These methods are required by IRC §430, or were selected by the plan sponsor from a range of methods permitted by IRC §430.

Changes in Assumptions and Methods

Change in assumptions since prior valuation

The segment interest rates used to calculate the funding target and target normal cost were updated to the current valuation date as required by IRC §430.

The mortality table used to calculate the funding target and target normal cost was updated to include one additional year of projected mortality improvement, as required by IRC §430.

The cash balance interest crediting rate was decreased from 4.75% to 4.50%.

The assumed plan-related expenses added to the target normal cost was changed to \$1,260,000

Change in methods since prior valuation

None.

Plan Name: Spire Retirement Income Plan
EIN / PN: 63-0022000/013
Plan Sponsor: Spire Alabama Inc.
Valuation Date: January 1, 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 2021 This Form is Open to Public Inspection
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For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

▶ **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.

A Name of plan SPIRE RETIREMENT INCOME PLAN	B Three-digit plan number (PN) ▶ 013
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF SPIRE ALABAMA INC.	D Employer Identification Number (EIN) 63-0022000
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
1 Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2021</u>	
2 Assets:	
a Market value	2a 123,240,227
b Actuarial value	2b 118,886,306
3 Funding target/participant count breakdown	
a For retired participants and beneficiaries receiving payment.....	(1) Number of participants 365 (2) Vested Funding Target 41,760,229 (3) Total Funding Target 41,760,229
b For terminated vested participants.....	257 12,803,502 12,803,502
c For active participants	782 78,174,092 85,101,850
d Total.....	1,404 132,737,823 139,665,581
4 If the plan is in at-risk status, check the box and complete lines (a) and (b)..... ☐	
a Funding target disregarding prescribed at-risk assumptions	4a
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.....	4b
5 Effective interest rate	5 5.08%
6 Target normal cost.....	
a Present value of current plan year accruals.....	6a 5,184,468
b Expected plan-related expenses	6b 1,260,000
c Total (line 6a + line 6b)	6c 6,444,468

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	Corey Bruno CB	10/1/2022
Signature of actuary		Date
COREY BRUNO		2007695
Type or print name of actuary		Most recent enrollment number
WILLIS TOWERS WATSON US, LLC		314-719-5900
Firm name		Telephone number (including area code)
7733 FORSYTH BLVD SUITE 1350 ST. LOUIS MO 63105		
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 ☐

For Paperwork Reduction Act Notice, see the Instructions for Form 5500 or 5500-SF.

Schedule SB (Form 5500) 2021
v. 201209

Part II		Beginning of Year Carryover and Prefunding Balances	
		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	0
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9	Amount remaining (line 7 minus line 8)	0	0
10	Interest on line 9 using prior year's actual return of <u>4.00</u> %	0	0
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		41,596
	b(1) 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>5.53</u> %		2,300
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
	c Total available at beginning of current plan year to add to prefunding balance		43,896
	d Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	0

Part III		Funding Percentages	
14	Funding target attainment percentage	14	85.12%
15	Adjusted funding target attainment percentage	15	85.12%
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	92.34%
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV		Contributions and Liquidity Shortfalls			
18 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
04/13/2021	2,167,000	0			
04/15/2021	33,000	0			
07/15/2021	2,200,000	0			
10/15/2021	2,200,000	0			
01/11/2022	2,200,000	0			
09/14/2022	2,500,000	0			
Totals ▶			18(b)	11,300,000	18(c)
					0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:	
a Contributions allocated toward unpaid minimum required contributions from prior years.	19a 0
b Contributions made to avoid restrictions adjusted to valuation date	19b 0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c 10,815,488
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
0	0
(3) 3rd	(4) 4th
0	0

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:				
a Segment rates:	1st segment: 3.32 %	2nd segment: 4.79 %	3rd segment: 5.47 %	☐ N/A, full yield curve used
b Applicable month (enter code)				21b 0
22 Weighted average retirement age				22 60
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 Is the plan required to provide a Schedule of Active Participants? 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	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a).....	29	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29).....	30	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6c).....	31a	6,444,468	
b Excess assets, if applicable, but not greater than line 31a	31b	0	
32 Amortization installments:	Outstanding Balance	Installment	
a Net shortfall amortization installment	20,779,275	4,329,897	
b Waiver amortization installment	0	0	
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	10,774,365	
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	0	0
36 Additional cash requirement (line 34 minus line 35)	36	10,774,365	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	10,815,488	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	41,123	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	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 Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:	
a Schedule elected	☐ 2 plus 7 years ☐ 15 years
b Eligible plan year(s) for which the election in line 41a was made	☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011

SCHEDULE SB ATTACHMENTS

Schedule SB – Statement by Enrolled Actuary

Plan Sponsor	Spire Alabama Inc.
EIN/PN	63-0022000/013
Plan Name	Spire Retirement Income Plan
Valuation Date	January 1, 2021
Enrolled Actuary	Corey Bruno
Enrollment Number	20-07695

The actuarial assumptions that are not mandated by IRC § 430 and regulations, represent the enrolled actuary's best estimate of anticipated experience under the plan, subject to the following conditions:

The actuarial valuation, on which the information in this Schedule SB is based, has been prepared in reliance upon the employee and financial data furnished by the plan administrator and the trustee. The enrolled actuary has not made a rigorous check of the accuracy of this information but has accepted it after reviewing it and concluding it is reasonable in relation to similar information furnished in previous years. The amounts of contributions and dates paid shown in Item 18 of Schedule SB were listed in reliance on information provided by the plan administrator and/or trustee.

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 22 Description of Weighted Average Retirement Age as of January 1, 2021

The average retirement age for Line 22 was calculated by determining the average age at retirement for those current active participants expected to reach retirement, based on all current decrements assumed.

For Non-Union Participants

Age	Retirement Rate	Assumed Number Eligible	Assumed Number Retiring	Age * Number Retiring
55	15.0%	10,000	1,500	82,500
56	15.0%	8,500	1,275	71,400
57	15.0%	7,225	1,084	61,788
58	15.0%	6,141	921	53,418
59	20.0%	5,220	1,044	61,596
60	20.0%	4,176	835	50,100
61	20.0%	3,341	668	40,748
62	30.0%	2,673	802	49,724
63	30.0%	1,871	561	35,343
64	30.0%	1,310	393	25,152
65	30.0%	917	275	17,875
66	30.0%	642	193	12,738
67	100.0%	449	449	30,083
			10,000	592,465
				/ 10,000
			Weighted Average Retirement Age	59.25
			Headcount	453

Plan Name: Spire Retirement Income Plan
EIN / PN: 63-0022000/013
Plan Sponsor: Spire Alabama Inc.
Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

For Union Participants

Age	Retirement Rate	Assumed Number Eligible	Assumed Number Retiring	Age * Number Retiring
55	8.0%	10,000	800	44,000
56	8.0%	9,200	736	41,216
57	8.0%	8,464	677	38,589
58	8.0%	7,787	623	36,134
59	8.0%	7,164	573	33,807
60	8.0%	6,591	527	31,620
61	10.0%	6,064	606	36,966
62	15.0%	5,458	819	50,778
63	15.0%	4,639	696	43,848
64	15.0%	3,943	591	37,824
65	15.0%	3,352	503	32,695
66	15.0%	2,849	427	28,182
67	100.0%	2,422	2,422	162,274
			10,000	617,933
				/ 10,000
			Weighted Average Retirement Age	61.79
			Headcount	177

Plan Name: Spire Retirement Income Plan
 EIN / PN: 63-0022000/013
 Plan Sponsor: Spire Alabama Inc.
 Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

For Legacy EnergySouth, Inc. Participants

Age	Retirement Rate	Assumed Number Eligible	Assumed Number Retiring	Age * Number Retiring
55	10.00%	10,000	1,000	55,000
56	2.50%	9,000	225	12,600
57	2.50%	8,775	219	12,504
58	2.50%	8,556	214	12,406
59	2.50%	8,342	209	12,304
60	2.50%	8,133	203	12,200
61	2.50%	7,930	198	12,093
62	30.00%	7,732	2,319	143,808
63	30.00%	5,412	1,624	102,289
64	35.00%	3,788	1,326	84,862
65	35.00%	2,463	862	56,022
66	35.00%	1,601	560	36,975
67	100.00%	1,040	1,040	69,708
			10,000	622,771
				/ 10,000
			Weighted Average Retirement Age	62.28
			Headcount	152
			Weighted Average Retirement Age for All Actives	60

Plan Name: Spire Retirement Income Plan
 EIN / PN: 63-0022000/013
 Plan Sponsor: Spire Alabama Inc.
 Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Statement of Actuarial Assumptions/Methods

Assumptions and Methods for Contribution Purposes

Economic Assumptions Common to All Participants

Interest rate basis

- Applicable month January
- Interest rate basis Segment Rates

Interest rates	Reflecting Stabilization	Not Reflecting Stabilization
■ First segment rate	3.32%	1.75%
■ Second segment rate	4.79%	3.04%
■ Third segment rate	5.47%	3.65%
■ Effective interest rate	5.08%	3.36%

Annual rates of increase

- Compensation: 3.00%
- Interest credit rate: 4.50%
- Cost of living: 2.50%

Plan-related expenses \$1,260,000 administrative expenses included in the normal cost are expected to be paid from the trust

Plan Name: Spire Retirement Income Plan
EIN / PN: 63-0022000/013
Plan Sponsor: Spire Aalabama Inc.
Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

Demographic Assumptions

Inclusion date	The valuation date coincident with or next following the date on which the employee becomes a participant.
New or rehired employees	It was assumed there will be no new or rehired employees.
Mortality	
■ Healthy	Separate rates for non-annuitants (based on RP-2014 "Employees" table without collar or amount adjustments, adjusted backward to 2006 with MP-2014, and then projected forward with a static projection as specified in the regulations under §1.430(h)(3)-1 using Scale MP-2019 and annuitants (based on RP-2014 "Healthy Annuitants" table without collar or amount adjustments, adjusted backward to 2006 with MP-2014, and then projected forward with a static projection as specified in the regulations under §1.430(h)(3)-1 using Scale MP-2019.
■ Disabled	Alternative disabled life mortality tables as defined under Revenue Ruling 96-7.
Optional form election percentage	80% Lump Sum.
Optional payment form conversion interest rate	Same as funding interest rates above for lump sums.
Optional payment form conversion mortality	Current IRC section 417(e) table for lump sums.
Decrement Timing	Middle of year decrements.
Surviving Spouse Benefit	It is assumed that 80% of males and 60% of females have an eligible spouse, and that males are two years older than their spouses.

Plan Name:	Spire Retirement Income Plan
EIN / PN:	63-0022000/013
Plan Sponsor:	Spire Aalabama Inc.
Valuation Date:	January 1, 2021

SCHEDULE SB ATTACHMENTS

Termination

Rates varying by age and service

■ Spire Retirement Income Plan

Representative Termination Rates

Termination Rate for non-union participants

Age	Years of Service	
	1-4	5+
20-29	15.0%	12.0%
30-34	15.0%	8.0%
35-39	15.0%	7.0%
40-44	15.0%	6.0%
45-49	15.0%	5.0%
50-54	15.0%	4.0%
55+	0.0%	0.0%

Termination Rate for union participants

Age	Years of Service	
	1-4	5+
20-29	5.0%	2.0%
30-34	5.0%	1.5%
35-39	5.0%	1.0%
40-44	5.0%	0.5%
45-49	5.0%	0.5%
50-54	5.0%	0.5%
55+	0.0%	0.0%

■ Retirement Plan for Employees of Energy South, Inc. and Affiliates

Representative Termination Rates

Percentage leaving during the year

Attained Age	
20-39	8.0%
40-44	7.0%
45-49	6.0%
50-54	5.0%
55+	0.0%

Plan Name: Spire Retirement Income Plan
EIN / PN: 63-0022000/013
Plan Sponsor: Spire Alabama Inc.
Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

Disability

The rates at which participants become disabled by age and gender are shown below:

■ Spire Retirement Income Plan

Percentage becoming disabled during the year

Age	Males	Females
25	0.068%	0.040%
30	0.098%	0.068%
35	0.146%	0.116%
40	0.230%	0.176%
45	0.360%	0.278%
50	0.636%	0.498%
55	1.760%	0.832%
60	2.240%	1.410%
65+	0.000%	0.000%

■ Retirement Plan for Employees of Energy South, Inc. and Affiliates

1965-1969 Inter-Company Table

The rates at which participants become disabled by age and gender are shown below:

Percentage becoming disabled during the year

Age	Males	Females
25	0.14%	0.03%
30	0.19%	0.03%
35	0.26%	0.03%
40	0.39%	0.04%
45	0.59%	0.08%
50	1.00%	0.21%
55	1.77%	0.45%
60	2.78%	1.01%

Plan Name: Spire Retirement Income Plan
EIN / PN: 63-0022000/013
Plan Sponsor: Spire Alabama Inc.
Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

Retirement

Rates varying by age.

■ Spire Retirement Income Plan

For purposes of determining the Funding Target and Target Normal Cost (both disregarding at-risk assumptions), the rates at which participants retire by age are shown below.

Percentage retiring during the year for non-union participants

Attained Age	
55-58	15.0%
59-61	20.0%
62-66	30.0%
67+	100.0%

Percentage retiring during the year for union participants

Attained Age	
55-60	8.0%
61	10.0%
62-66	15.0%
67+	100.0%

Terminated vested participants are assumed to retire at age 60

■ Retirement Plan for Employees of Energy South, Inc. and Affiliates

For purposes of determining the Funding Target and Target Normal Cost (both disregarding at-risk assumptions), the rates at which participants retire by age are shown below.

Rates varying by age.

Percentage retiring during the year

Attained Age	
55	10.0%
56-61	2.5%
62-63	30.0%
64-66	35.0%
67+	100%

Benefit commencement date:

■ Preretirement death benefit

The later of the death of the active participant or the date the participant would have attained age 55

■ Deferred vested benefit

Legacy Participants of Retirement Plan for Employees of Energy South, Inc. and Affiliates: Future terminations, age 60 if at least 10 years of credited service at termination or 65 otherwise.

Other participants: 60

Plan Name: Spire Retirement Income Plan
EIN / PN: 63-0022000/013
Plan Sponsor: Spire Alabama Inc.
Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

■	Disability benefit	<i>Legacy Participants of Retirement Plan for Employees of Energy South, Inc. and Affiliates: Age 65</i> <i>Other participants: Upon disablement</i>
■	Retirement benefit	Upon termination of employment
Loads		None
Timing of benefit payments		Annuity payments are payable monthly at the beginning of the month and lump sum payments are payable on date of decrement.

Methods

Valuation date	First day of plan year
Funding target	Present value of accrued benefits as required by regulations under IRC §430.
Target normal cost	Present value of benefits expected to accrue during the plan year plus plan-related expenses expected to be paid from plan assets during the plan year as required by regulations under IRC §430.

Plan Name:	Spire Retirement Income Plan
EIN / PN:	63-0022000/013
Plan Sponsor:	Spire Aalabama Inc.
Valuation Date:	January 1, 2021

SCHEDULE SB ATTACHMENTS

Decrement timing

The approach used is called rounded middle of year (rounded MOY) decrement timing. Most events are assumed to occur at the middle of year during which the eligibility condition will be met or the start/end date will occur. For death and disability decrements, the rate applied is based on the participant's rounded age (nearest integer age) at the beginning of the year, to align with the methodology generally used to create those rate tables. For retirement and withdrawal decrements: the age is generally the participant's rounded age at the middle of the year.

Actuarial value of assets

Average of the fair market value of assets on the valuation date and 12 and 24 months preceding the valuation date, adjusted for contributions, benefits, administrative expenses and expected earnings (with such expected earnings limited as described in IRS Notice 2009-22). The average asset value must be within 10% of market value, including discounted contributions receivable (discounted using the effective interest rate for the 2020 plan year.)

The method of computing the actuarial value of assets complies with rules governing the calculation of such values under the Pension Protection Act of 2006 (PPA). These rules produce smoothed values that reflect the underlying market value of plan assets but fluctuate less than the market value. As a result, the actuarial value of assets will be lower than the market value in some years and greater in other years. However, over the long term under PPA's smoothing rules, the method has a significant bias to produce an actuarial value of assets that is below the market value of assets

Benefits not valued

All benefits described in the Plan Provisions section of this report were valued. Willis Towers Watson has reviewed the plan provisions with the plan sponsor and, based on that review, is not aware of any significant benefits required to be valued that were not.

Plan Name: Spire Retirement Income Plan
EIN / PN: 63-0022000/013
Plan Sponsor: Spire Alabama Inc.
Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

Sources of Data and Other Information

Spire Alabama Inc. and its administrator furnished participant data of 1/1/2021. Information on assets, contributions and plan provisions was supplied by Spire Alabama Inc. and the trustee. Data and other information were reviewed for reasonableness and consistency, but no audit was performed. Based on discussions with the plan sponsor, assumptions or estimates were made when data were not available, and the data was adjusted to reflect any significant events that occurred between the date the data was collected and the measurement date. We are not aware of any errors or omissions in the data that would have a significant effect on the results of our calculations.

Assumptions Rationale - Significant Economic Assumptions

Discount rate	The basis chosen was selected by the plan sponsor from among choices prescribed by law, all of which are based on observed market data over certain periods of time.
Lump sum conversion rate	As required by IRC §430, lump sum benefits are valued using “annuity substitution”, so that the interest rates assumed are effectively the same as described above for the discount rate.
Plan-related expenses	Administrative expenses are estimated by determining the expected actual expenses for the coming year, reflecting items like expected PBGC premiums and the actual expenses paid from the trust the preceding year.
Rates of increase in Compensation	Assumed compensation increases are based on a combination of assumed future (i) cost-of-living increases (CPI), (ii) productivity increases and (iii) promotional increases.
Cash Balance Interest crediting rate	The cash balance interest crediting rate for the plan is defined as the third segment rate from October of the prior calendar year. The assumption has been tied to the five-year average of the third segment rate, which is 4.56% for the most recent five-year period. The assumption was set at 4.50% reflecting this level.

Assumptions Rationale - Significant Demographic Assumptions

Healthy Mortality	Assumptions used for funding purposes are as prescribed by IRC §430(h).
Disabled Mortality	Assumptions used for funding purposes are as prescribed by Revenue Ruling 96-7.

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Termination

Termination rates were based on an experience study conducted in 2019, with annual consideration of whether any conditions have changed that would be expected to produce different results in the future.

Retirement

Retirement rates were based on an experience study conducted in 2019, with annual consideration of whether any conditions have changed that would be expected to produce different results in the future.

Form of payment

The percentage of retiring participants assumed to take lump sums is based on an experience study conducted in 2019.

Prescribed Methods

Funding methods

The methods used for funding purposes as described in Appendix A, including the method of determining plan assets, are "prescribed methods set by law", as defined in the actuarial standards of practice (ASOPs). These methods are required by IRC §430, or were selected by the plan sponsor from a range of methods permitted by IRC §430.

Changes in Assumptions and Methods

Change in assumptions since prior valuation

The segment interest rates used to calculate the funding target and target normal cost were updated to the current valuation date as required by IRC §430.

The mortality table used to calculate the funding target and target normal cost was updated to include one additional year of projected mortality improvement, as required by IRC §430.

The cash balance interest crediting rate was decreased from 4.75% to 4.50%.

The assumed plan-related expenses added to the target normal cost was changed to \$1,260,000

Change in methods since prior valuation

None.

Plan Name: Spire Retirement Income Plan
EIN / PN: 63-0022000/013
Plan Sponsor: Spire Alabama Inc.
Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 24 Change in Actuarial Assumptions

- The cash balance interest crediting rate was decreased from 4.75% to 4.50%.
- The assumed plan-related expenses added to the target normal cost was changed to \$1,260,000

Plan Name: Spire Retirement Income Plan
EIN / PN: 63-0022000/013
Plan Sponsor: Spire Alabama Inc.
Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Summary of Plan Provisions

Legacy Spire Retirement Income Plan

Plan Provisions

The most recent amendment reflected in the following plan provisions was adopted on December 27, 2017

Covered employees All Spire Alabama Inc. employees not represented by USW Local 12030.

Participation date Date of becoming a covered employee.

Benefit Freeze Benefits under this formula shall cease to accrue for all participants not represented by Local Union No. 548 as of December 31, 2017. Benefits under this formula shall cease to accrue for all participants represented by Local Union No. 548 as of December 31, 2019.

Definitions

Monthly pension benefit

Normal Retirement Date.

Product of (i) and (ii) below, reduced by (iii) below, and increased by (iv) below:

(i) The annual pension is 50% of Final Earnings, plus 0.50% for each Year of Service in excess of 30 years, minus 40% of the benefit amount to which the participant is entitled to under the Social Security Act.

The result is multiplied by a fraction with a numerator of participant's Years of Service completed as of Normal Retirement Date (maximum of 30 years) and a denominator of 30.

(ii) A fraction with a numerator of actual number of Years of Service at date of termination and denominator of number of Years of Service to Normal Retirement Date.

(iii) Acquired Benefit, if any.

(iv) Benefit from Schedule B in the plan document, if any.

Cost-of-living adjustment

Benefits for participants receiving benefits are automatically adjusted by a factor limited to 3% each year.

Acquired benefit

Vested Benefit of an Acquired Employee under the employee's Retirement System of Alabama, other than that portion attributable to employee's contribution.

Plan Name: Spire Retirement Income Plan
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Years of service	Participant's whole and partial Years of Employment during which 1,000 or more hours of employment are completed.
Years of employment	Twelve-month period beginning on Employee's date of employment and on each anniversary during which at least one hour of employment is completed.
Plan year	January 1 to December 31.
Earnings	For an hourly participant, earnings equal the hourly rate in effect on the first day of the month multiplied by the lesser of (i) the number of hours actually worked but not in excess of scheduled hours, or (ii) 173.33. For a salaried participant, monthly earnings equal either (i) 1/12 of the annual rate, (ii) the monthly rate, or (iii) 4.33 times the weekly rate on the first day of the month. For a participant engaged in sales work, earnings include cash compensation paid during the month, plus any commissions, plus any elective contributions made to any qualified cash or deferred arrangement made by the employer. Earnings shall not include any overtime pay, expense reimbursement, or other cash compensation.
Final earnings	The average of the highest 60 consecutive months of employment out of the last 120 months of employment.
Normal retirement date (NRD)	First day of month on or after the later of the date the participant attains age 65 or the fifth anniversary of employment.

Eligibility for Benefits

Normal retirement	Retirement on NRD
Early retirement	Age 55 with 10 Years of Service
Postponed retirement	Retirement after eligible for Normal Retirement
Deferred vested termination	100% vested with five Years of Service
Disability	Five Years of Service
Disability Retirement	Certain currently disabled participants

Plan Name:	Spire Retirement Income Plan
EIN / PN:	63-0022000/013
Plan Sponsor:	Spire Alabama Inc.
Valuation Date:	January 1, 2021

SCHEDULE SB ATTACHMENTS

Death benefit Two Years of Service

Benefits Paid Upon the Following Events

Normal retirement	The monthly pension benefit determined as of NRD.
Early retirement	The annual pension is the accrued benefit deferred to age 65. If payments commence before age 65, such accrued benefit is reduced by 1/3 of 1% for each full month by which the starting date precedes age 62. There is no reduction if the starting date is between ages 62 and 65.
Postponed retirement	The annual pension is the accrued benefit using Final Earnings and Years of Service as of Delayed Retirement.
Deferred vested termination	The annual pension is determined as in Normal Retirement above, and reduced to reflect early retirement, if applicable.
Disability Retirement	The annual pension, payable until Normal Retirement or Delayed Retirement, is the greater of (a) or (b): (a) Early Retirement Benefit calculated on the date of disability. (b) 45% of Final Earnings minus 50% of the benefit amount to which the participant is entitled to under the Social Security Act.
Death	Spousal benefit of 50% of the Early Retirement Benefit that would have been payable to the participant as a single life annuity based on the Years of Service completed as of the date of death. Spousal benefit equal to 50% of the Retirement Benefit payable to the participant or 50% of the participant's Disability Retirement Benefit, if applicable.
Disability	Normal Retirement Benefit with earnings and service created during the period of disability, i) but not less than the Disability Retirement Benefit if eligible for Disability Retirement, or ii) increased by Cost-of-Living Adjustments granted during the period of disability, if not eligible for Disability Retirement.

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Other Plan Provisions

Forms of payment:

- Normal form of payment
- 50% Joint and Survivor, if married; Life Annuity, if single.
- Optional forms of payment
- Actuarial equivalent 50% Joint and Survivor, 75% Joint and Survivor, 100% Joint and Survivor, 60-Month Certain and Life, 120-Month Certain and Life, and Lump Sum.

Benefits not valued

Some participants have benefits that are covered under a group annuity contract (GAC). The value of these benefits is not included in the plan's obligation, and the trust assets do not include the value of the GAC.

Plan Name: Spire Retirement Income Plan
EIN / PN: 63-0022000/013
Plan Sponsor: Spire Alabama Inc.
Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

Legacy Retirement Plan for Employees of Energy South, Inc. and Affiliates

Plan Provisions

Effective Date	October 1, 1951, as restated effective January 1, 2013.
Plan Year	Calendar year
Covered Employees	All employees of Spire Gulf Inc. (previously referred to as Mobile Gas) who have attained age 21 (age 25 if membership commenced prior to October 1, 1985) and who have completed one year of continuous service are eligible to become members of the plan. Strictly for eligibility purposes, a year of continuous service is credited for 1,000 hours of service during the initial 12 months of employment and for 1,000 hours of service during each plan year thereafter. Former employees of the City of Bayou La Batre Gas Service became members on October 4, 1989, the date of acquisition of the entity by Mobile Gas Service. Effective January 1, 2011, no Employee who is covered by the collective bargaining agreement between Mobile Gas Service Corporation and United Steelworkers Local 3-541 and whose date of hire with Mobile Gas Service Corporation is on or after January 1, 2011 shall be eligible to become a Member. Effective January 1, 2012, no person whose date of employment or date of reemployment with the Company occurs on or after January 1, 2012 shall be eligible to become a Member.
Participation Date	First of month coincident with or next following the date of becoming a covered employee.
Benefit Freeze	Benefit accruals were frozen effective December 31, 2017.

Plan Name:	Spire Retirement Income Plan
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Plan Sponsor:	Spire Alabama Inc.
Valuation Date:	January 1, 2021

SCHEDULE SB ATTACHMENTS

Definitions

Vesting service	On and after October 1, 1976, one year of Vesting Service is granted for at least 1,000 hours of service during a plan year. Vesting Service prior to that date was determined in accordance with the terms of the plan as in effect on September 30, 1976. Effective October 1, 2008, for the short plan year October 1, 2008 to December 31, 2008, participants will receive a year of Vesting Service if they are continuously employed for the short plan year.
Credited service	On and after October 1, 1976, a member shall receive 1/12 of a year of Credited Service granted for each 173 1/3 hours in which he receives compensation as an employee to a maximum of one year of Credited Service granted during a twelve month period. Credited Service prior to that date was determined in accordance with the terms of the plan as in effect on September 30, 1976.
Compensation	Compensation considered under the plan includes basic cash remuneration, including commissions, but excluding bonuses, overtime, and special pay.
Average final compensation	Applicable to participants who first became employed on or before December 1, 1999, Average Final Compensation is the average annual compensation of a member during the five consecutive years of his Credited Service affording the highest such average or during the entire period of his Credited Service if he has less than five years of Credited Service.
Social Security benefit	Social Security Benefit means the annual primary insurance amount payable at Social Security Retirement Age (65, 66 or 67) under Title II of the Social Security Act as in effect on a member's date of termination, provided that, in the case of early, normal, or late retirement, it is assumed that the member will have no income which would be treated as wages for purposes of the Social Security Act after his date of termination, or age 65 if earlier, and, in the case of a vested deferred retirement, it is assumed that the member will remain in service to age 65 at his last rate of compensation.
Normal retirement date (NRD)	First of month coincident with or next following age 65.

Plan Name:	Spire Retirement Income Plan
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Plan Sponsor:	Spire Alabama Inc.
Valuation Date:	January 1, 2021

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Retirement benefit

For Credited Service earned before October 1, 1984:

Sum of (A) and (B) but not less than (C)

A) Sum of (I) plus (II), but not less than (III)

I) 1% of annual rate of compensation on October 1, 1951 up to \$3,600, plus 1.5% of annual rate of compensation on October 1, 1951 over \$3,600; multiplied by Credited Service as of October 1, 1951.

II) 1% of compensation in each year between October 1, 1951 and October 1, 1970 up to \$3,600, plus 2% of compensation in each year between October 1, 1951 and October 1, 1970 over \$3,600.

III) 3/4% of annual rate of compensation on October 1, 1970 up to \$6,000, plus 1.5% of annual rate of compensation on October 1, 1970 over \$6,000; multiplied by Credited Service as of October 1, 1970.

B) 1% of compensation in each year between October 1, 1970 and October 1, 1984 up to \$3,600, plus 2% of compensation in each year between October 1, 1970 and October 1, 1984 over \$3,600.

C) 3/4% of earnings rate up to \$12,000, plus 1 7/12% of earnings rate over \$12,000; multiplied by Credited Service as of October 1, 1984.

The earnings rate applicable to C) is the lesser of the member's annual rate of compensation on October 1, 1984 (compensation received for 12 months prior to October 1, 1984 in the case of a salesman paid commissions) and his Average Final Compensation at determination date.

For Credited Service on or after October 1, 1984:

1% of compensation in each year up to \$3,600 per year, plus 2% of compensation in each year over \$3,600 per year.

For employees hired on or prior to December 1, 1999, the minimum total Retirement Benefit is 55% of the member's Average Final Compensation, reduced by 70% of his Social Security benefit, and, in the case of a member who has not earned 20 years of Credited Service, multiplied by Credited Service and divided by 20.

Plan Name:	Spire Retirement Income Plan
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SCHEDULE SB ATTACHMENTS

Preretirement death benefit

If the participant was actively employed and eligible to receive retirement benefits upon death:

Participant's spouse to receive a life annuity equal to the participant's Retirement Benefit accrued at death which would have been payable to the participant as a single life annuity, reduced for commencement prior to Participant's Normal Retirement Date

If the participant was actively employed but not yet eligible to receive retirement benefits or participant's employment was previously terminated, upon death the following is payable:

Participant's spouse to receive the survivor portion of a 50% joint and survivor annuity based on the participant's Retirement Benefit accrued at death

Member and spouse must have been married for at least six months prior to death

Eligibility for Benefits

Normal retirement

Retirement on Normal Retirement Date

Early retirement

Separation from service after attainment of age 55 with 10 years of Credited Service

Postponed retirement

Retirement after Normal Retirement Date

Vested termination

Termination for reasons other than death or retirement after completing five years of Vesting Service

Disability

Receiving disability benefits under the Company's long-term disability insurance program

Preretirement death benefit

Death prior to retirement and after completion of five years of Vesting Service

Plan Name: Spire Retirement Income Plan
EIN / PN: 63-0022000/013
Plan Sponsor: Spire Alabama Inc.
Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

Benefits Paid Upon the Following Events

Normal retirement	Retirement Benefit determined as of Normal Retirement Date
Early retirement	Participants may retire prior to their Normal Retirement Date as of the first of the month coincident with or next following completion of early retirement eligibility. Early retirement benefit is the Retirement Benefit accrued through separation from service and is reduced by 1/3% per month by which the member's early retirement date precedes his Normal Retirement Date, except that for employees hired on or prior to December 1, 1999 the 70% Social Security offset in the minimum Retirement Benefit formula is reduced by 5/9% per month for the first 60 months by which the member's early retirement date precedes his Normal Retirement Date and is reduced by 5/18% per month for each of the next 60 months by which the member's early retirement date precedes his Normal Retirement Date.
Postponed retirement	A participant may elect to retire on the first of the month following normal retirement. Participants who remain in active employment beyond their Normal Retirement Date continue to accrue benefits until their actual retirement date. At retirement, participant will receive the greater of the actuarial equivalent of their normal retirement benefit or benefit accrued through postponed retirement date.
Vested termination	Vested termination benefit is the Retirement Benefit accrued through separation from service and payable at Normal Retirement Age. A participant with 10 years of Credited Service may elect to retire on the first of the month coincident with or next following age 55. If participant retires prior to Normal Retirement Date, the Retirement Benefit is reduced in the same manner as the early retirement benefit.
Disablement	Any member, while in receipt of disability payments under the Company's long-term disability insurance program, will continue to accrue Credited Service and Vesting Service until his Normal Retirement Date, or, if later, the first of the month following the date he is no longer eligible for the Company's long-term disability program, or his early retirement date and, upon retirement, his Retirement Benefit will be determined as if he had received compensation during the period when he received disability payments at his last annual rate of compensation that was in effect prior to the commencement of such payments.

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Preretirement death	Participant's spouse receives 50% of the vested termination benefit that would have been payable to the member in the form of a 50% joint and contingent annuity had the member survived to Normal Retirement Age. The member must have been married to his spouse for at least six months prior to his death. The QPSA is payable to the spouse beginning on the member's Normal Retirement Date or, at the spouse's election, the QPSA is payable on the first of the month following the later of the date of death or the date the member would have attained age 55 had he survived. If the QPSA is payable prior to the member's Normal Retirement Date, then the QPSA will be reduced in the same manner as the member's vested termination benefit. For active participants who have attained age 55 with 10 years of Credited Service at death: Participant's spouse receives amount equal to the benefit the Participant would have received as a straight life annuity if the benefit had commenced on the Participant's Normal Retirement Date. If spouse elects to commence payment prior to the Participant's Normal Retirement Date, the spouse's benefit is reduced pursuant to the plan's early retirement provisions. The member must have been married to his spouse for at least six months prior to his death. The QPSA is payable to the spouse for life beginning on the first of the month following the member's death or, at the spouse's election, beginning as late as the member's Normal Retirement Date.
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Other Plan Provisions

Forms of payment	Participants can elect from among the following options: ■ Single life annuity ■ 50%, 75%, or 100% joint and contingent beneficiary annuity
Maximum on benefits and pay	All benefits and pay for any calendar year may not exceed the maximum limitations for that year as defined in the Internal Revenue Code. The plan provides for increasing the dollar limits automatically as such changes become effective. Increases in the dollar limits are assumed for determining pension cost but not for determining contributions.

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Plan Sponsor:	Spire Alabama Inc.
Valuation Date:	January 1, 2021

SCHEDULE SB ATTACHMENTS

Spire Retirement Income Plan Cash Balance Formula

Plan Provisions

The most recent amendment reflected in the following plan provisions was adopted on December 27, 2017

Covered Employees All Spire Alabama Inc. employees not represented by USW Local 12030; employees of Spire Gulf Coast and Spire Mississippi.

Participation Date One year of service.

Definitions

Credited service Participant's whole and partial Years of Employment during which 1,000 or more hours of employment are completed

Normal compensation Wages, salaries, commissions, compensation for sick leave, vacation, holidays or civic duty allowance actually received by employees, excluding bonuses, profit sharing distributions or other special payments. Normal Compensation is limited per IRC §401(a)(17).

Normal retirement date (NRD) Attained age 65.

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Accrued benefit

The amount resulting from the cash balance account starting on January 1, 2018.

The amount resulting from the cash balance account starting on January 1, 2018 for employees not represented by Local 548 and on January 1, 2020 for employees represented by Local 548.

Annual Contribution Credits: Contribution credits are added to the Cash Balance Account at the end of each year of employment with the company. Credits are determined by multiplying normal compensation by a percentage based on the participant's age (see the following chart).

Age at Year End	Contribution Credits Percentage of Normal Compensation
Before 35	4%
35-39	5%
40-44	6%
45-49	7%
50-54	8%
55-59	9%
60 and over	10%

For the initial 10 years of employment for legacy Spire Retirement Income Plan participants after January 1, 2018 (January 1, 2020 for participants represented by Local 548), a Transition Pay Credit will be applied to compensation for pension purposes for those employees whose age and years of service at December 31, 2017 (December 31, 2019 for participants represented by Local 548), make them eligible for such credit. A Transition Pay credit will be applied to:

1. an employee with 10 or more years of service as of December 31, 2017 (December 31, 2019 for participants represented by Local 548), and
2. an employee who is at least age 40 on December 31, 2017 (December 31, 2019 for participants represented by Local 548), with at least five years of services as of December 31, 2017 (December 31, 2019 for participants represented by Local 548).

For each of the first five years of employment after January 1, 2018 (January 1, 2020 for participants represented by Local 548), the Transition Pay Credit will be 0.4% of pensionable compensation for that year for each year of service – up to 20 years – as of December 31, 2017 (December 31, 2019 for participants represented by Local 548). For each of the second five years of employment after January 1, 2018 (January 1, 2020 for participants represented by Local 548), the Transition Pay Credit will be 0.6% of

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pensionable compensation for that year for each year of service – up to 20 years – as of December 31, 2017 (December 31, 2019 for participants represented by Local 548).

Interest Credits: Interest credits are added to the Cash Balance Account at the end of each month. The interest rate for a calendar year is the third segment rate as defined in Section 430(h)(2)(C)(iii) of the Internal Revenue Code for the October immediately preceding the calendar year. The rate shall not be less than 3.0%.

Eligibility for Benefits

Normal retirement	Retirement on NRD
Early retirement	Age 55 with 10 Years of Service
Postponed retirement	Retirement after eligible for Normal Retirement
Deferred vested termination	100% vested with three Years of Service
Disability	Three Years of Service
Disability Retirement	Certain currently disabled participants
Death benefit	Two Years of Service

Benefits Paid Upon the Following Events

Normal retirement	Monthly pension benefit determined as of NRD
Early retirement benefit	Accrued benefit determined on early retirement date
Termination benefit	Accrued benefit determined as of date of termination.

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Other Plan Provisions

Forms of payment Accrued benefit is payable as a life annuity for unmarried employees, and as a reduced joint and 50% survivorship annuity for married employees. Other Actuarial Equivalent forms of payment are also available.

Optional forms of payment Actuarial equivalent 50% Joint and Survivor, 75% Joint and Survivor, 100% Joint and Survivor, 60-Month Certain and Life, 120-Month Certain and Life, and Lump Sum.

Future Plan Changes

No future plan changes were recognized in determining pension cost or in determining minimum and maximum contributions.

Changes in Benefits Valued Since Prior Year

There have been no changes in benefits valued since the prior year.

Plan Name: Spire Retirement Income Plan
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Plan Sponsor: Spire Alabama Inc.
Valuation Date: January 1, 2021

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Schedule SB, Line 26 Schedule of Active Participant Data as of January 1, 2021

Attained Age	Attained Years of Credited Service ¹										Total
	Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over	
Under 25	4	7	0	0	0	0	0	0	0	0	11
25-29	2	40	3	0	0	0	0	0	0	0	45
30-34	4	51	22	4	0	0	0	0	0	0	81
35-39	3	25	28	35	12	0	0	0	0	0	103
40-44	1	30	16	31	24	13	1	0	0	0	116
45-49	2	20	17	30	24	23	7	1	0	0	124
50-54	2	16	1	11	13	18	28	21	1	0	111
55-59	0	15	3	8	15	21	17	26	11	2	118
60-64	0	9	1	7	4	6	5	14	12	6	64
65-69	0	2	0	0	0	2	0	2	1	2	9
70 & over	0	0	0	0	0	0	0	0	0	0	0
Total	18	215	91	126	92	83	58	64	25	10	782

¹ Age and service for purposes of determining category are based on exact (not rounded) values.

Plan Name: Spire Retirement Income Plan

EIN / PN: 63-0022000/013

Plan Sponsor: Spire Alabama Inc.

Valuation Date: January 1, 2021

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Schedule SB, Line 32
Schedule of Amortization Bases
as of January 1, 2021

Type of Base	Date Established	Initial Amount	Remaining Amortization Period (Years)	Outstanding Balance	Amortization Payment
1. Shortfall	01/01/2021	12,222,231	7.00000	12,222,231	1,960,114
2. Shortfall	01/01/2020	5,166,628	6.00000	4,586,084	836,840
3. Shortfall	01/01/2019	3,519,471	5.00000	2,681,406	571,871
4. Shortfall	01/01/2018	(10,147,734)	4.00000	(6,313,861)	(1,656,616)
5. Shortfall	01/01/2017	15,940,906	3.00000	7,603,415	2,617,688
Total				20,779,275	4,329,897

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Valuation Date: January 1, 2021

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Schedule SB, Line 22 Description of Weighted Average Retirement Age as of January 1, 2021

The average retirement age for Line 22 was calculated by determining the average age at retirement for those current active participants expected to reach retirement, based on all current decrements assumed.

For Non-Union Participants

Age	Retirement Rate	Assumed Number Eligible	Assumed Number Retiring	Age * Number Retiring
55	15.0%	10,000	1,500	82,500
56	15.0%	8,500	1,275	71,400
57	15.0%	7,225	1,084	61,788
58	15.0%	6,141	921	53,418
59	20.0%	5,220	1,044	61,596
60	20.0%	4,176	835	50,100
61	20.0%	3,341	668	40,748
62	30.0%	2,673	802	49,724
63	30.0%	1,871	561	35,343
64	30.0%	1,310	393	25,152
65	30.0%	917	275	17,875
66	30.0%	642	193	12,738
67	100.0%	449	449	30,083
			10,000	592,465
				/ 10,000
			Weighted Average Retirement Age	59.25
			Headcount	453

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For Union Participants

Age	Retirement Rate	Assumed Number Eligible	Assumed Number Retiring	Age * Number Retiring
55	8.0%	10,000	800	44,000
56	8.0%	9,200	736	41,216
57	8.0%	8,464	677	38,589
58	8.0%	7,787	623	36,134
59	8.0%	7,164	573	33,807
60	8.0%	6,591	527	31,620
61	10.0%	6,064	606	36,966
62	15.0%	5,458	819	50,778
63	15.0%	4,639	696	43,848
64	15.0%	3,943	591	37,824
65	15.0%	3,352	503	32,695
66	15.0%	2,849	427	28,182
67	100.0%	2,422	2,422	162,274
			10,000	617,933
				/ 10,000
			Weighted Average Retirement Age	61.79
			Headcount	177

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For Legacy EnergySouth, Inc. Participants

Age	Retirement Rate	Assumed Number Eligible	Assumed Number Retiring	Age * Number Retiring
55	10.00%	10,000	1,000	55,000
56	2.50%	9,000	225	12,600
57	2.50%	8,775	219	12,504
58	2.50%	8,556	214	12,406
59	2.50%	8,342	209	12,304
60	2.50%	8,133	203	12,200
61	2.50%	7,930	198	12,093
62	30.00%	7,732	2,319	143,808
63	30.00%	5,412	1,624	102,289
64	35.00%	3,788	1,326	84,862
65	35.00%	2,463	862	56,022
66	35.00%	1,601	560	36,975
67	100.00%	1,040	1,040	69,708
			10,000	622,771
				/ 10,000
			Weighted Average Retirement Age	62.28
			Headcount	152
			Weighted Average Retirement Age for All Actives	60

Plan Name: Spire Retirement Income Plan
 EIN / PN: 63-0022000/013
 Plan Sponsor: Spire Alabama Inc.
 Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

Schedule SB – Statement by Enrolled Actuary

Plan Sponsor	Spire Alabama Inc.
EIN/PN	63-0022000/013
Plan Name	Spire Retirement Income Plan
Valuation Date	January 1, 2021
Enrolled Actuary	Corey Bruno
Enrollment Number	20-07695

The actuarial assumptions that are not mandated by IRC § 430 and regulations, represent the enrolled actuary's best estimate of anticipated experience under the plan, subject to the following conditions:

The actuarial valuation, on which the information in this Schedule SB is based, has been prepared in reliance upon the employee and financial data furnished by the plan administrator and the trustee. The enrolled actuary has not made a rigorous check of the accuracy of this information but has accepted it after reviewing it and concluding it is reasonable in relation to similar information furnished in previous years. The amounts of contributions and dates paid shown in Item 18 of Schedule SB were listed in reliance on information provided by the plan administrator and/or trustee.

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Summary of Plan Provisions

Legacy Spire Retirement Income Plan

Plan Provisions

The most recent amendment reflected in the following plan provisions was adopted on December 27, 2017

Covered employees All Spire Alabama Inc. employees not represented by USW Local 12030.

Participation date Date of becoming a covered employee.

Benefit Freeze Benefits under this formula shall cease to accrue for all participants not represented by Local Union No. 548 as of December 31, 2017. Benefits under this formula shall cease to accrue for all participants represented by Local Union No. 548 as of December 31, 2019.

Definitions

Monthly pension benefit

Normal Retirement Date.

Product of (i) and (ii) below, reduced by (iii) below, and increased by (iv) below:

(i) The annual pension is 50% of Final Earnings, plus 0.50% for each Year of Service in excess of 30 years, minus 40% of the benefit amount to which the participant is entitled to under the Social Security Act.

The result is multiplied by a fraction with a numerator of participant's Years of Service completed as of Normal Retirement Date (maximum of 30 years) and a denominator of 30.

(ii) A fraction with a numerator of actual number of Years of Service at date of termination and denominator of number of Years of Service to Normal Retirement Date.

(iii) Acquired Benefit, if any.

(iv) Benefit from Schedule B in the plan document, if any.

Cost-of-living adjustment

Benefits for participants receiving benefits are automatically adjusted by a factor limited to 3% each year.

Acquired benefit

Vested Benefit of an Acquired Employee under the employee's Retirement System of Alabama, other than that portion attributable to employee's contribution.

Plan Name: Spire Retirement Income Plan
EIN / PN: 63-0022000/013
Plan Sponsor: Spire Alabama Inc.
Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

Years of service	Participant's whole and partial Years of Employment during which 1,000 or more hours of employment are completed.
Years of employment	Twelve-month period beginning on Employee's date of employment and on each anniversary during which at least one hour of employment is completed.
Plan year	January 1 to December 31.
Earnings	For an hourly participant, earnings equal the hourly rate in effect on the first day of the month multiplied by the lesser of (i) the number of hours actually worked but not in excess of scheduled hours, or (ii) 173.33. For a salaried participant, monthly earnings equal either (i) 1/12 of the annual rate, (ii) the monthly rate, or (iii) 4.33 times the weekly rate on the first day of the month. For a participant engaged in sales work, earnings include cash compensation paid during the month, plus any commissions, plus any elective contributions made to any qualified cash or deferred arrangement made by the employer. Earnings shall not include any overtime pay, expense reimbursement, or other cash compensation.
Final earnings	The average of the highest 60 consecutive months of employment out of the last 120 months of employment.
Normal retirement date (NRD)	First day of month on or after the later of the date the participant attains age 65 or the fifth anniversary of employment.

Eligibility for Benefits

Normal retirement	Retirement on NRD
Early retirement	Age 55 with 10 Years of Service
Postponed retirement	Retirement after eligible for Normal Retirement
Deferred vested termination	100% vested with five Years of Service
Disability	Five Years of Service
Disability Retirement	Certain currently disabled participants

Plan Name:	Spire Retirement Income Plan
EIN / PN:	63-0022000/013
Plan Sponsor:	Spire Alabama Inc.
Valuation Date:	January 1, 2021

SCHEDULE SB ATTACHMENTS

Death benefit Two Years of Service

Benefits Paid Upon the Following Events

Normal retirement	The monthly pension benefit determined as of NRD.
Early retirement	The annual pension is the accrued benefit deferred to age 65. If payments commence before age 65, such accrued benefit is reduced by 1/3 of 1% for each full month by which the starting date precedes age 62. There is no reduction if the starting date is between ages 62 and 65.
Postponed retirement	The annual pension is the accrued benefit using Final Earnings and Years of Service as of Delayed Retirement.
Deferred vested termination	The annual pension is determined as in Normal Retirement above, and reduced to reflect early retirement, if applicable.
Disability Retirement	The annual pension, payable until Normal Retirement or Delayed Retirement, is the greater of (a) or (b): (a) Early Retirement Benefit calculated on the date of disability. (b) 45% of Final Earnings minus 50% of the benefit amount to which the participant is entitled to under the Social Security Act.
Death	Spousal benefit of 50% of the Early Retirement Benefit that would have been payable to the participant as a single life annuity based on the Years of Service completed as of the date of death. Spousal benefit equal to 50% of the Retirement Benefit payable to the participant or 50% of the participant's Disability Retirement Benefit, if applicable.
Disability	Normal Retirement Benefit with earnings and service created during the period of disability, i) but not less than the Disability Retirement Benefit if eligible for Disability Retirement, or ii) increased by Cost-of-Living Adjustments granted during the period of disability, if not eligible for Disability Retirement.

Plan Name: Spire Retirement Income Plan
EIN / PN: 63-0022000/013
Plan Sponsor: Spire Alabama Inc.
Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

Other Plan Provisions

Forms of payment:

- Normal form of payment
- 50% Joint and Survivor, if married; Life Annuity, if single.
- Optional forms of payment
- Actuarial equivalent 50% Joint and Survivor, 75% Joint and Survivor, 100% Joint and Survivor, 60-Month Certain and Life, 120-Month Certain and Life, and Lump Sum.

Benefits not valued

Some participants have benefits that are covered under a group annuity contract (GAC). The value of these benefits is not included in the plan's obligation, and the trust assets do not include the value of the GAC.

Plan Name: Spire Retirement Income Plan
EIN / PN: 63-0022000/013
Plan Sponsor: Spire Alabama Inc.
Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

Legacy Retirement Plan for Employees of Energy South, Inc. and Affiliates

Plan Provisions

Effective Date	October 1, 1951, as restated effective January 1, 2013.
Plan Year	Calendar year
Covered Employees	All employees of Spire Gulf Inc. (previously referred to as Mobile Gas) who have attained age 21 (age 25 if membership commenced prior to October 1, 1985) and who have completed one year of continuous service are eligible to become members of the plan. Strictly for eligibility purposes, a year of continuous service is credited for 1,000 hours of service during the initial 12 months of employment and for 1,000 hours of service during each plan year thereafter. Former employees of the City of Bayou La Batre Gas Service became members on October 4, 1989, the date of acquisition of the entity by Mobile Gas Service. Effective January 1, 2011, no Employee who is covered by the collective bargaining agreement between Mobile Gas Service Corporation and United Steelworkers Local 3-541 and whose date of hire with Mobile Gas Service Corporation is on or after January 1, 2011 shall be eligible to become a Member. Effective January 1, 2012, no person whose date of employment or date of reemployment with the Company occurs on or after January 1, 2012 shall be eligible to become a Member.
Participation Date	First of month coincident with or next following the date of becoming a covered employee.
Benefit Freeze	Benefit accruals were frozen effective December 31, 2017.

Plan Name:	Spire Retirement Income Plan
EIN / PN:	63-0022000/013
Plan Sponsor:	Spire Alabama Inc.
Valuation Date:	January 1, 2021

SCHEDULE SB ATTACHMENTS

Definitions

Vesting service	On and after October 1, 1976, one year of Vesting Service is granted for at least 1,000 hours of service during a plan year. Vesting Service prior to that date was determined in accordance with the terms of the plan as in effect on September 30, 1976. Effective October 1, 2008, for the short plan year October 1, 2008 to December 31, 2008, participants will receive a year of Vesting Service if they are continuously employed for the short plan year.
Credited service	On and after October 1, 1976, a member shall receive 1/12 of a year of Credited Service granted for each 173 1/3 hours in which he receives compensation as an employee to a maximum of one year of Credited Service granted during a twelve month period. Credited Service prior to that date was determined in accordance with the terms of the plan as in effect on September 30, 1976.
Compensation	Compensation considered under the plan includes basic cash remuneration, including commissions, but excluding bonuses, overtime, and special pay.
Average final compensation	Applicable to participants who first became employed on or before December 1, 1999, Average Final Compensation is the average annual compensation of a member during the five consecutive years of his Credited Service affording the highest such average or during the entire period of his Credited Service if he has less than five years of Credited Service.
Social Security benefit	Social Security Benefit means the annual primary insurance amount payable at Social Security Retirement Age (65, 66 or 67) under Title II of the Social Security Act as in effect on a member's date of termination, provided that, in the case of early, normal, or late retirement, it is assumed that the member will have no income which would be treated as wages for purposes of the Social Security Act after his date of termination, or age 65 if earlier, and, in the case of a vested deferred retirement, it is assumed that the member will remain in service to age 65 at his last rate of compensation.
Normal retirement date (NRD)	First of month coincident with or next following age 65.

Plan Name:	Spire Retirement Income Plan
EIN / PN:	63-0022000/013
Plan Sponsor:	Spire Alabama Inc.
Valuation Date:	January 1, 2021

SCHEDULE SB ATTACHMENTS

Retirement benefit

For Credited Service earned before October 1, 1984:

Sum of (A) and (B) but not less than (C)

A) Sum of (I) plus (II), but not less than (III)

I) 1% of annual rate of compensation on October 1, 1951 up to \$3,600, plus 1.5% of annual rate of compensation on October 1, 1951 over \$3,600; multiplied by Credited Service as of October 1, 1951.

II) 1% of compensation in each year between October 1, 1951 and October 1, 1970 up to \$3,600, plus 2% of compensation in each year between October 1, 1951 and October 1, 1970 over \$3,600.

III) 3/4% of annual rate of compensation on October 1, 1970 up to \$6,000, plus 1.5% of annual rate of compensation on October 1, 1970 over \$6,000; multiplied by Credited Service as of October 1, 1970.

B) 1% of compensation in each year between October 1, 1970 and October 1, 1984 up to \$3,600, plus 2% of compensation in each year between October 1, 1970 and October 1, 1984 over \$3,600.

C) 3/4% of earnings rate up to \$12,000, plus 1 7/12% of earnings rate over \$12,000; multiplied by Credited Service as of October 1, 1984.

The earnings rate applicable to C) is the lesser of the member's annual rate of compensation on October 1, 1984 (compensation received for 12 months prior to October 1, 1984 in the case of a salesman paid commissions) and his Average Final Compensation at determination date.

For Credited Service on or after October 1, 1984:

1% of compensation in each year up to \$3,600 per year, plus 2% of compensation in each year over \$3,600 per year.

For employees hired on or prior to December 1, 1999, the minimum total Retirement Benefit is 55% of the member's Average Final Compensation, reduced by 70% of his Social Security benefit, and, in the case of a member who has not earned 20 years of Credited Service, multiplied by Credited Service and divided by 20.

Plan Name:	Spire Retirement Income Plan
EIN / PN:	63-0022000/013
Plan Sponsor:	Spire Alabama Inc.
Valuation Date:	January 1, 2021

SCHEDULE SB ATTACHMENTS

Preretirement death benefit

If the participant was actively employed and eligible to receive retirement benefits upon death:

Participant's spouse to receive a life annuity equal to the participant's Retirement Benefit accrued at death which would have been payable to the participant as a single life annuity, reduced for commencement prior to Participant's Normal Retirement Date

If the participant was actively employed but not yet eligible to receive retirement benefits or participant's employment was previously terminated, upon death the following is payable:

Participant's spouse to receive the survivor portion of a 50% joint and survivor annuity based on the participant's Retirement Benefit accrued at death

Member and spouse must have been married for at least six months prior to death

Eligibility for Benefits

Normal retirement

Retirement on Normal Retirement Date

Early retirement

Separation from service after attainment of age 55 with 10 years of Credited Service

Postponed retirement

Retirement after Normal Retirement Date

Vested termination

Termination for reasons other than death or retirement after completing five years of Vesting Service

Disability

Receiving disability benefits under the Company's long-term disability insurance program

Preretirement death benefit

Death prior to retirement and after completion of five years of Vesting Service

Plan Name: Spire Retirement Income Plan
EIN / PN: 63-0022000/013
Plan Sponsor: Spire Alabama Inc.
Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

Benefits Paid Upon the Following Events

Normal retirement	Retirement Benefit determined as of Normal Retirement Date
Early retirement	Participants may retire prior to their Normal Retirement Date as of the first of the month coincident with or next following completion of early retirement eligibility. Early retirement benefit is the Retirement Benefit accrued through separation from service and is reduced by 1/3% per month by which the member's early retirement date precedes his Normal Retirement Date, except that for employees hired on or prior to December 1, 1999 the 70% Social Security offset in the minimum Retirement Benefit formula is reduced by 5/9% per month for the first 60 months by which the member's early retirement date precedes his Normal Retirement Date and is reduced by 5/18% per month for each of the next 60 months by which the member's early retirement date precedes his Normal Retirement Date.
Postponed retirement	A participant may elect to retire on the first of the month following normal retirement. Participants who remain in active employment beyond their Normal Retirement Date continue to accrue benefits until their actual retirement date. At retirement, participant will receive the greater of the actuarial equivalent of their normal retirement benefit or benefit accrued through postponed retirement date.
Vested termination	Vested termination benefit is the Retirement Benefit accrued through separation from service and payable at Normal Retirement Age. A participant with 10 years of Credited Service may elect to retire on the first of the month coincident with or next following age 55. If participant retires prior to Normal Retirement Date, the Retirement Benefit is reduced in the same manner as the early retirement benefit.
Disablement	Any member, while in receipt of disability payments under the Company's long-term disability insurance program, will continue to accrue Credited Service and Vesting Service until his Normal Retirement Date, or, if later, the first of the month following the date he is no longer eligible for the Company's long-term disability program, or his early retirement date and, upon retirement, his Retirement Benefit will be determined as if he had received compensation during the period when he received disability payments at his last annual rate of compensation that was in effect prior to the commencement of such payments.

Plan Name:	Spire Retirement Income Plan
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Plan Sponsor:	Spire Alabama Inc.
Valuation Date:	January 1, 2021

SCHEDULE SB ATTACHMENTS

Preretirement death	Participant's spouse receives 50% of the vested termination benefit that would have been payable to the member in the form of a 50% joint and contingent annuity had the member survived to Normal Retirement Age. The member must have been married to his spouse for at least six months prior to his death. The QPSA is payable to the spouse beginning on the member's Normal Retirement Date or, at the spouse's election, the QPSA is payable on the first of the month following the later of the date of death or the date the member would have attained age 55 had he survived. If the QPSA is payable prior to the member's Normal Retirement Date, then the QPSA will be reduced in the same manner as the member's vested termination benefit. For active participants who have attained age 55 with 10 years of Credited Service at death: Participant's spouse receives amount equal to the benefit the Participant would have received as a straight life annuity if the benefit had commenced on the Participant's Normal Retirement Date. If spouse elects to commence payment prior to the Participant's Normal Retirement Date, the spouse's benefit is reduced pursuant to the plan's early retirement provisions. The member must have been married to his spouse for at least six months prior to his death. The QPSA is payable to the spouse for life beginning on the first of the month following the member's death or, at the spouse's election, beginning as late as the member's Normal Retirement Date.
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Other Plan Provisions

Forms of payment	Participants can elect from among the following options: ■ Single life annuity ■ 50%, 75%, or 100% joint and contingent beneficiary annuity
Maximum on benefits and pay	All benefits and pay for any calendar year may not exceed the maximum limitations for that year as defined in the Internal Revenue Code. The plan provides for increasing the dollar limits automatically as such changes become effective. Increases in the dollar limits are assumed for determining pension cost but not for determining contributions.

Plan Name:	Spire Retirement Income Plan
EIN / PN:	63-0022000/013
Plan Sponsor:	Spire Alabama Inc.
Valuation Date:	January 1, 2021

SCHEDULE SB ATTACHMENTS

Spire Retirement Income Plan Cash Balance Formula

Plan Provisions

The most recent amendment reflected in the following plan provisions was adopted on December 27, 2017

Covered Employees All Spire Alabama Inc. employees not represented by USW Local 12030; employees of Spire Gulf Coast and Spire Mississippi.

Participation Date One year of service.

Definitions

Credited service Participant's whole and partial Years of Employment during which 1,000 or more hours of employment are completed

Normal compensation Wages, salaries, commissions, compensation for sick leave, vacation, holidays or civic duty allowance actually received by employees, excluding bonuses, profit sharing distributions or other special payments. Normal Compensation is limited per IRC §401(a)(17).

Normal retirement date (NRD) Attained age 65.

Plan Name: Spire Retirement Income Plan
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Plan Sponsor: Spire Alabama Inc.
Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

Accrued benefit

The amount resulting from the cash balance account starting on January 1, 2018.

The amount resulting from the cash balance account starting on January 1, 2018 for employees not represented by Local 548 and on January 1, 2020 for employees represented by Local 548.

Annual Contribution Credits: Contribution credits are added to the Cash Balance Account at the end of each year of employment with the company. Credits are determined by multiplying normal compensation by a percentage based on the participant's age (see the following chart).

Age at Year End	Contribution Credits Percentage of Normal Compensation
Before 35	4%
35-39	5%
40-44	6%
45-49	7%
50-54	8%
55-59	9%
60 and over	10%

For the initial 10 years of employment for legacy Spire Retirement Income Plan participants after January 1, 2018 (January 1, 2020 for participants represented by Local 548), a Transition Pay Credit will be applied to compensation for pension purposes for those employees whose age and years of service at December 31, 2017 (December 31, 2019 for participants represented by Local 548), make them eligible for such credit. A Transition Pay credit will be applied to:

1. an employee with 10 or more years of service as of December 31, 2017 (December 31, 2019 for participants represented by Local 548), and
2. an employee who is at least age 40 on December 31, 2017 (December 31, 2019 for participants represented by Local 548), with at least five years of services as of December 31, 2017 (December 31, 2019 for participants represented by Local 548).

For each of the first five years of employment after January 1, 2018 (January 1, 2020 for participants represented by Local 548), the Transition Pay Credit will be 0.4% of pensionable compensation for that year for each year of service – up to 20 years – as of December 31, 2017 (December 31, 2019 for participants represented by Local 548). For each of the second five years of employment after January 1, 2018 (January 1, 2020 for participants represented by Local 548), the Transition Pay Credit will be 0.6% of

Plan Name: Spire Retirement Income Plan
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SCHEDULE SB ATTACHMENTS

pensionable compensation for that year for each year of service – up to 20 years – as of December 31, 2017 (December 31, 2019 for participants represented by Local 548).

Interest Credits: Interest credits are added to the Cash Balance Account at the end of each month. The interest rate for a calendar year is the third segment rate as defined in Section 430(h)(2)(C)(iii) of the Internal Revenue Code for the October immediately preceding the calendar year. The rate shall not be less than 3.0%.

Eligibility for Benefits

Normal retirement	Retirement on NRD
Early retirement	Age 55 with 10 Years of Service
Postponed retirement	Retirement after eligible for Normal Retirement
Deferred vested termination	100% vested with three Years of Service
Disability	Three Years of Service
Disability Retirement	Certain currently disabled participants
Death benefit	Two Years of Service

Benefits Paid Upon the Following Events

Normal retirement	Monthly pension benefit determined as of NRD
Early retirement benefit	Accrued benefit determined on early retirement date
Termination benefit	Accrued benefit determined as of date of termination.

Plan Name:	Spire Retirement Income Plan
EIN / PN:	63-0022000/013
Plan Sponsor:	Spire Alabama Inc.
Valuation Date:	January 1, 2021

SCHEDULE SB ATTACHMENTS

Other Plan Provisions

Forms of payment Accrued benefit is payable as a life annuity for unmarried employees, and as a reduced joint and 50% survivorship annuity for married employees. Other Actuarial Equivalent forms of payment are also available.

Optional forms of payment Actuarial equivalent 50% Joint and Survivor, 75% Joint and Survivor, 100% Joint and Survivor, 60-Month Certain and Life, 120-Month Certain and Life, and Lump Sum.

Future Plan Changes

No future plan changes were recognized in determining pension cost or in determining minimum and maximum contributions.

Changes in Benefits Valued Since Prior Year

There have been no changes in benefits valued since the prior year.

Plan Name: Spire Retirement Income Plan
EIN / PN: 63-0022000/013
Plan Sponsor: Spire Alabama Inc.
Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 32
Schedule of Amortization Bases
as of January 1, 2021

Type of Base	Date Established	Initial Amount	Remaining Amortization Period (Years)	Outstanding Balance	Amortization Payment
1. Shortfall	01/01/2021	12,222,231	7.00000	12,222,231	1,960,114
2. Shortfall	01/01/2020	5,166,628	6.00000	4,586,084	836,840
3. Shortfall	01/01/2019	3,519,471	5.00000	2,681,406	571,871
4. Shortfall	01/01/2018	(10,147,734)	4.00000	(6,313,861)	(1,656,616)
5. Shortfall	01/01/2017	15,940,906	3.00000	7,603,415	2,617,688
Total				20,779,275	4,329,897

Plan Name: Spire Retirement Income Plan
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Valuation Date: January 1, 2021

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 24 Change in Actuarial Assumptions

- The cash balance interest crediting rate was decreased from 4.75% to 4.50%.
- The assumed plan-related expenses added to the target normal cost was changed to \$1,260,000

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Valuation Date: January 1, 2021