

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 2023 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023	
A	This return/report is for: ☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must provide participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____ ☐ 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 TALEN ENERGY RETIREMENT SAVINGS PLAN	1b Three-digit plan number (PN) ▶ 005
		1c Effective date of plan 06/01/2015
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) TALEN ENERGY SUPPLY, LLC 2929 ALLEN PARKWAY 22ND FLOOR HOUSTON, TX 77019-7100	2b Employer Identification Number (EIN) 23-3074920 2c Plan Sponsor's telephone number 888-211-6011 2d Business code (see instructions) 221100

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.		
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	09/18/2024	ANDREW WRIGHT
	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

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:		4b EIN	
a Sponsor's name		4d PN	
c Plan Name			
5 Total number of participants at the beginning of the plan year		5	2473
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)	1868
a(2) Total number of active participants at the end of the plan year		6a(2)	1793
b Retired or separated participants receiving benefits.....		6b	7
c Other retired or separated participants entitled to future benefits.....		6c	659
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d	2459
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.....		6e	8
f Total. Add lines 6d and 6e		6f	2467
g(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item)		6g(1)	2443
g(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)		6g(2)	2440
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		6h	1
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: 2E 2F 2G 2J 2K 2S 2T			
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)		9b Plan benefit arrangement (check all that apply)	
(1) ☐ Insurance		(1) ☐ Insurance	
(2) ☐ Code section 412(e)(3) insurance contracts		(2) ☐ Code section 412(e)(3) insurance contracts	
(3) ☒ Trust		(3) ☒ Trust	
(4) ☐ General assets of the sponsor		(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		b General Schedules	
(1) ☒ R (Retirement Plan Information)		(1) ☒ H (Financial Information)	
(2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary		(2) ☐ I (Financial Information – Small Plan)	
(3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary		(3) ☐ A (Insurance Information) – Number Attached _____	
(4) ☐ DCG (Individual Plan Information) – Number Attached _____		(4) ☒ C (Service Provider Information)	
(5) ☐ MEP (Multiple-Employer Retirement Plan 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 2023 Form M-1 annual report. If the plan was not required to file the 2023 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 C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider 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
		2023
		This Form is Open to Public Inspection.

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan TALEN ENERGY RETIREMENT SAVINGS PLAN	B Three-digit plan number (PN) ▶	005
C Plan sponsor's name as shown on line 2a of Form 5500 TALEN ENERGY SUPPLY, LLC	D Employer Identification Number (EIN) 23-3074920	

Part I	Service Provider Information (see instructions)
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You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions).. ☒ Yes ☐ No
- b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL
04-2647786

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

MORGAN STANLEY & CO INC

26-4310632

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27	INVESTMENT ADVISOR	328096	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

STRATEGIC ADVISORS, INC.

04-2654524

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27	ADVISOR	82182	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

BAKER TILLY US, LLP

39-0859910

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10	ACCOUNTANT/A UDITOR	30955	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

FIDELITY INVESTMENTS INSTITUTIONAL

04-2647786

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
37 64 65	RECORDKEEPER	-96373	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name:	BAKER TILLY US, LLP	b EIN:	39-0859910
c Position:	AUDITOR		
d Address:	17 COWBOYS WAY, SUITE 800 FRISCO, TX 75034	e Telephone:	972-748-0300

Explanation: BAKER TILLY US, LLP COMPLETED A STRATEGIC INVESTMENT ON JUNE 3, 2024, AND AS A RESULT HAS APPLIED FOR AND OBTAINED A NEW EIN. THERE HAS BEEN NO CHANGE IN AUDIT FIRM.

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

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 2023 This Form is Open to Public Inspection.
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For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023

A Name of plan <u>TALEN ENERGY RETIREMENT SAVINGS PLAN</u>	B Three-digit plan number (PN) ▶ <u>005</u>
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C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>TALEN ENERGY SUPPLY, LLC</u>	D Employer Identification Number (EIN) <u>23-3074920</u>
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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: T. ROWE PRICE STABLE VALUE COMMON TR

b Name of sponsor of entity listed in (a): T. ROWE PRICE TRUST COMPANY

c EIN-PN <u>52-1309931-001</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>27836525</u>
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a Name of MTIA, CCT, PSA, or 103-12 IE: COLUMBIA TRUST DIVIDEND INCOME FUND

b Name of sponsor of entity listed in (a): AMERIPRISE TRUST COMPANY

c EIN-PN <u>41-0007957-128</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>14556251</u>
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a Name of MTIA, CCT, PSA, or 103-12 IE: WILMINGTON TRUST CIT PIONEER BOND F

b Name of sponsor of entity listed in (a): WILMINGTON TRUST, N.A.

c EIN-PN <u>81-5420248-291</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>11671404</u>
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a Name of MTIA, CCT, PSA, or 103-12 IE: CLEARBRIDGE LARGE CAP GROWTH CIF R3

b Name of sponsor of entity listed in (a): WILMINGTON TRUST

c EIN-PN <u>82-3106705-345</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>0</u>
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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)
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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)
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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)
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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
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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)**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)

Part II **Information on Participating Plans (to be completed by DFEs, other than DCGs)**

(Complete as many entries as needed to report all participating plans. DCGs must report each participating plan using Schedule DCG.)

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
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
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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
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
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
		2023
		This Form is Open to Public Inspection

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan TALE ENERGY RETIREMENT SAVINGS PLAN	B Three-digit plan number (PN) ▶	005
C Plan sponsor's name as shown on line 2a of Form 5500 TALE ENERGY SUPPLY, LLC	D Employer Identification Number (EIN) 23-3074920	

Part I	Asset and Liability Statement		
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)	4302587	4095789
(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)	0	128501
(2) U.S. Government securities	1c(2)	64048	0
(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)	6150858	6424702
(9) Value of interest in common/collective trusts	1c(9)	98232033	54064180
(10) Value of interest in pooled separate accounts.....	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)		
(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)	350510089	468566855
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)		
(15) Other.....	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(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	459259615	533280027
Liabilities			
g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k		
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	459259615	533280027

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.

Income		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	17303922	
(B) Participants	2a(1)(B)	28379689	
(C) Others (including rollovers)	2a(1)(C)	3651342	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		49334953
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	6008	
(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)	355165	
(F) Other	2b(1)(F)	763705	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		1124878
(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)	12258088	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		12258088
(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)		
(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)		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts.....	2b(6)		9102835
(7) Net investment gain (loss) from pooled separate accounts.....	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts.....	2b(8)		
(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)		60589656
c Other income	2c		
d Total income. Add all income amounts in column (b) and enter total	2d		132410410

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	58034540	
(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)		58034540
f Corrective distributions (see instructions)	2f		1792
g Certain deemed distributions of participant loans (see instructions)	2g		5889
h Interest expense	2h		
i Administrative expenses:			
(1) Salaries and allowances	2i(1)		
(2) Contract administrator fees.....	2i(2)	1800	
(3) Recordkeeping fees.....	2i(3)	103520	
(4) IQPA audit fees.....	2i(4)	30955	
(5) Investment advisory and investment management fees	2i(5)		
(6) Bank or trust company trustee/custodial fees	2i(6)	82182	
(7) Actuarial fees	2i(7)		
(8) Legal fees	2i(8)	2914	
(9) Valuation/appraisal fees	2i(9)		
(10) Other trustee fees and expenses	2i(10)		
(11) Other expenses	2i(11)	126406	
(12) Total administrative expenses. Add lines 2i(1) through (11)	2i(12)		347777
j Total expenses. Add all expense amounts in column (b) and enter total	2j		58389998

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		74020412
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: **BAKER TILLY US, LLP**

(2) EIN: **30-1413443**

d The opinion of an independent qualified public accountant is **not attached** as part of Schedule H because:

(1) ☐ This form is filed for a CCT, PSA, DCG 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. DCGs do not complete lines 4e, 4f, 4k, 4l, and 5, and DCGs generally complete the rest of Part IV collectively for all plans in the DCG, except as otherwise provided (see instructions).

During the plan year:

	Yes	No	Amount
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.)		☒	
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.)		☒	
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.)		☒	
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.)		☒	
e Was this plan covered by a fidelity bond?	☒		500000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		☒	
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?		☒	
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?		☒	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	☒		
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.)		☒	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		☒	
l Has the plan failed to provide any benefit when due under the plan?		☒	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		☒	
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.		☒	

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 _____.

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 2023 This Form is Open to Public Inspection.
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For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023

A Name of plan TALEN ENERGY RETIREMENT SAVINGS PLAN	B Three-digit plan number (PN) ▶ 005
C Plan sponsor's name as shown on line 2a of Form 5500 TALEN ENERGY SUPPLY, LLC	D Employer Identification Number (EIN) 23-3074920

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): 04-2647786 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	

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)? If the plan is a defined benefit plan, go to line 8.	☐ Yes ☐ No ☐ N/A
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) 2023
v. 230707

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (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) and (b):

a Enter the percentage of plan assets held as:

Public Equity: _____% Private Equity: _____% Investment-Grade Debt and Interest Rate Hedging Assets: _____%

High-Yield Debt: _____% Real Assets: _____% Cash or Cash Equivalents: _____% Other: _____%

b Provide the average duration of the Investment-Grade Debt and Interest Rate Hedging Assets:

☐ 0-5 years ☐ 5-10 years ☐ 10-15 years ☐ 15 years or more

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. _____

Part VII IRS Compliance Questions

21a Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules? ☐ Yes ☒ No

21b If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2).

☒ Design-based safe harbor method

☐ "Prior year" ADP test

☒ "Current year" ADP test

☐ N/A

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

Talen Energy Retirement Savings Plan

Financial Statements and
Supplementary Information

December 31, 2023 and 2022

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Independent Auditors' Report

To the Plan Administrator of
Talen Energy Retirement Savings Plan

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit

We have performed audits of the financial statements of Talen Energy Retirement Savings Plan (the 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 statements of net assets available for benefits as of December 31, 2023 and 2022, and the related statement of changes in net assets available for benefits for the year ended December 31, 2023, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of Plan's 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 (DOL) Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audits 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 DOL's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from a qualified institution as of December 31, 2023 and 2022, and for the year ended December 31, 2023, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audits and on the procedures performed as described in the Auditors' Responsibilities for the Audit of the Financial Statements section:

- The amounts and disclosures in the accompanying 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 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

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the 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 audits. 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 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 Talen Energy Retirement Savings Plan's ability to continue as a going concern for at least one year following the date that the 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.

Auditors' Responsibilities for the Audit of the Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit 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 auditors' 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 Plan's ability to continue as a going concern for a reasonable period of time.

Our audits 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.

Other Matter — Supplemental Schedule Required by ERISA

The supplemental schedule, Schedule H, Line 4(i) - Schedule of Assets (Held at End of Year), as of December 31, 2023 is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the DOL's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedule, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedule that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, other than the information agreed to or derived from the certified investment information, including its form and content, is presented in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion:

- The form and content of the supplemental schedule, other than the information in the supplemental schedule that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.
- The information in the supplemental schedule 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).

Baker Tilly US, LLP

Frisco, Texas
September 17, 2024

Talen Energy Retirement Savings Plan

Statements of Net Assets Available for Benefits

December 31, 2023 and 2022

(Dollars in Thousands)

	2023	2022
Assets		
Investments		
Investments at fair value	\$ 522,759	\$ 448,806
Receivables		
Employer contributions	4,096	4,303
Notes receivable from participants	6,424	6,151
Total receivables	10,520	10,454
Total assets	533,279	459,260
Net assets available for benefits	\$ 533,279	\$ 459,260

See notes to financial statements

Talen Energy Retirement Savings Plan

Statement of Changes in Net Assets Available for Benefits

Year Ended December 31, 2023

(Dollars in Thousands)

Additions

Investment income

Interest and dividends	\$	13,027
Net appreciation in fair value of investments		69,692

Total investment income		82,719
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Interest income on notes receivable from participants		355
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Contributions

Participant contributions		28,379
Employer contributions, net		17,304
Rollovers		3,651

Total contributions		49,334
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Total additions		132,408
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Deductions

Benefits paid to participants		58,042
Administrative expenses		347

Total deductions		58,389
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Net increase		74,019
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Net assets available for benefits

Beginning of year		459,260
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End of year	\$	533,279
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See notes to financial statements

Talen Energy Retirement Savings Plan

Notes to Financial Statements

December 31, 2023 and 2022

(Dollars in Thousands)

1. Description of Plan

The following description of the Talen Energy Retirement Savings Plan (the Plan) provides only general information. Participants should refer to the plan document and summary plan description for a more complete description of the Plan's provisions.

General

The Plan, established June 1, 2015, is a defined contribution plan sponsored by Talen Energy Supply, LLC (Talen Energy or Company or Plan Sponsor) and designed to comply with the requirements of the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, as amended (ERISA) and with the requirements for qualification under Section 401(a) of the Internal Revenue Code (IRC) and includes a cash or deferral arrangement that is intended to comply with the requirements for qualification under Section 401(k) of the IRC, allowing for pre-tax contributions. The Plan is administered by the Talen Energy Retirement Plan Committee (the Plan Administrator).

Effective January 1, 2022, the Plan was amended and restated to an individually designed plan. See Note 6 for further discussion.

Eligibility

Eligibility is open to full-time employees of the following participating companies:

- | | |
|-------------------------------|---|
| · Talen Energy Supply, LLC | · Susquehanna Nuclear, LLC |
| · Talen Energy Marketing, LLC | · Lower Mount Bethel Energy, LLC |
| · Talen Generation, LLC | · Raven Power Group, LLC |
| · Brunner Island, LLC | · Morris Energy Operations Company, LLC |
| · Martins Creek, LLC | · Talen Texas Group, LLC |
| · Montour, LLC | · MC OpCo, LLC |

Participation for bargaining unit employees is controlled by the collective bargaining agreement with the union.

Contributions

Under the before-tax and/or Roth 401(k) options, participants may elect a percentage reduction in their base earnings and have this salary reduction remitted by Talen Energy to the Plan through payroll deductions. Salaried participants and bargaining unit participants can elect a payroll percentage deduction from 2% to 50%. The sum of the before-tax rate and the Roth 401(k) rate elected by participants may not exceed 50% of participants' compensation. If an eligible employee does not make an election to contribute to the Plan, the employee is automatically enrolled in the Plan beginning 30 days from date of hire with a pre-tax contribution of 4% of compensation.

If an eligible employee is automatically enrolled and does not affirmatively change the election percentage before the annual enrollment date, the contribution amount will automatically increase to 5% of compensation. This election will increase by 1% each year thereafter until it reaches 10%. The Plan's default investment funds are target date funds based on a participant's date of birth assuming a retirement age of 65. Participants can change the amount they contribute and their investment options at any time.

Talen Energy Retirement Savings Plan

Notes to Financial Statements

December 31, 2023 and 2022

(Dollars in Thousands)

For bargaining unit participants, the Plan provides a fixed contribution of 3% of eligible compensation for each pay period, regardless of any before-tax and/or Roth 401(k) contributions employees elected to make. Additionally, Talen Energy makes a safe harbor matching contribution of 100% of the participant's before tax and/or Roth 401(k) contributions up to 4% of the participant's eligible compensation for bargaining unit and nonbargaining unit participants. Annually, Talen Energy may elect a discretionary matching contribution limited to 4% of eligible compensation contributed to the Plan and a discretionary nonelective contribution for nonbargaining unit participants employed on the last day of the plan year. For the year ended December 31, 2023, Talen Energy contributed \$3,525 in discretionary contributions.

The Internal Revenue Service (IRS) limits the amount that can be contributed on a before-tax and designated Roth 401(k) basis for any calendar year. The maximum contribution amount from a participant under the before-tax option was \$22.5 for 2023. Plan participants that are age 50 or older by the end of the year, can make an additional catch-up contribution, the maximum amount of which was \$7.5 for 2023.

Participant Accounts

Separate accounts are maintained for each participant. Each participant's account is credited with the participant's contributions, Talen Energy's contributions on behalf of the participant and earnings on investment options. Each participant's account is charged with a quarterly administration fee for recordkeeping and other participant based administration fees. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account. Participants direct Fidelity Management Trust Company (Fidelity or the Trustee) to invest their contributions and accumulated balances in their accounts into various investments provided through the Plan's trust (see Note 3).

Vesting

Participants are vested immediately in their contributions and the Talen Energy's contributions plus actual earnings thereon.

Notes Receivable From Participants

The Plan provides for loans to participants, which are secured by the balance in the participant's account. Outstanding loans to a participant are limited to no more than one at any time and are evidenced by a note. The minimum note is limited to \$1 and the maximum available is the lesser of 50% of the participant's vested account balance or \$50 reduced by the highest outstanding loan balance in the prior twelve months. Loans bear interest at a rate established by the Plan Administrator in accordance with applicable law. New loans are generally repaid through payroll deductions within five years from the date of the loan unless for the purchase of a principal residence for which the loan period may not exceed 15 years. Loans may be repaid in full at any time.

Talen Energy Retirement Savings Plan

Notes to Financial Statements

December 31, 2023 and 2022

(Dollars in Thousands)

Payment of Benefits

A participant who has retired or whose employment has terminated for any reason may elect to receive a lump sum payment or defer the distribution provided that the participant's account balance exceeds, or exceeded at the time of any prior distribution, \$1. If the participant's account balance is \$1 or less, the participant will receive a single-sum cash payment of the participant's account balance.

In-service withdrawals of all or a portion of a participant's account balance may be made by a participant after reaching age 59½. In-service withdrawals of all or a portion of a participant's rollover account balance may be made at any time.

Withdrawals from the Plan may also be made upon circumstances of financial hardship, in accordance with the provisions specified in the Plan. Hardship withdrawals are strictly regulated by the IRS.

Distributions to participants who terminate service for reasons other than retirement, disability or death are recorded in the period during which service is terminated unless such participants defer the distributions. Single sum distributions for active, retired, deceased, disabled and deferred terminated participants are recorded as paid.

Forfeited Accounts

At December 31, 2023 and 2022, forfeited nonvested accounts totaled \$18 and \$53, respectively, and can be used to reduce future Talen Energy contributions and then to pay plan expenses. For the year ended December 31, 2023, employer contributions were reduced by \$45.

Revenue Sharing Account

Revenue sharing accounts are used to pay plan expenses or are reallocated to participant's accounts. At December 31, 2023 and 2022, there were \$254 and \$164 of revenue sharing account balances available, respectively. For the year ended December 31, 2023, \$161 of revenue sharing was used to pay plan expenses or reallocated to participants accounts.

2. Summary of Accounting Policies

Basis of Accounting

The financial statements of the Plan are prepared on the accrual basis of accounting.

Use of Estimates

The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes therein, and disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

Talen Energy Retirement Savings Plan

Notes to Financial Statements

December 31, 2023 and 2022

(Dollars in Thousands)

Investment Valuation and Income Recognition

Investments are reported at fair value. 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. The Plan's Administrative Committee determines the Plan's valuation policies utilizing information provided by the investment advisers, custodians and insurance company, as applicable. See Note 4 for discussion of fair value measurements.

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 (depreciation) includes the Plan's gains and losses on investments bought and sold as well as held during the year.

Notes Receivable From Participants

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income on notes receivable from participants is recorded on the accrual basis. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2023 or 2022. If a participant ceases to make note repayments and the Plan Administrator deems the note to be in default, the notes receivable from participant is reduced and a benefit payment is recorded.

Payment of Benefits

Benefits to participants are recorded by the Plan when actual payment is made.

Expenses

Certain expenses of maintaining the Plan are paid by the Plan, unless otherwise paid by the Company. Expenses that are paid by the Company are excluded from these financial statements. Fees related to the administration of notes receivable from participants are charged directly to the participant's account and are included in administrative expenses. Investment related expenses are included in net appreciation (depreciation) in fair value of investments.

Recent Accounting Standards

The SECURE 2.0 Act of 2022 was signed into law on December 29, 2022. This legislation includes a vast array of provisional changes to retirement plans, becoming effective in 2023 and beyond. Plan management adopted mandatory provisions effective for the year ended December 31, 2023, and continues to evaluate the impact of the adoption and implementation of this legislation on the Plan. The application of SECURE 2.0 Act did not have a material effect on the Plan's financial statements.

Talen Energy Retirement Savings Plan

Notes to Financial Statements

December 31, 2023 and 2022

(Dollars in Thousands)

Subsequent Events

The Plan has evaluated subsequent events through September 17, 2024, the date the financial statements were available to be issued, except as follows:

Effective January 1, 2024, the Plan (i) increased the Company's safe-harbor matching percentage to 6% of eligible compensation, added a fixed contribution equal to 2% of eligible compensation and eliminated the discretionary fixed contribution, in each case for non-union participants; (ii) eliminated the requirement that part-time and temporary employees must complete one year of service to become eligible for the Plan; and (iii) increased the cash-out limit from \$5,000 to \$7,000.

Effective March 4, 2024, the Plan amended automatic enrollment to enroll newly eligible participants at 4% for Local 1600 Employees and 6% for all other participants.

3. Information Certified by Trustee

The Plan Administrator has elected the method of compliance permitted by 29 CFR 2520.103-8 of the DOL's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, Fidelity Management Trust Company, the Trustee of the Plan, has certified to the completeness and accuracy of all investments reported in the accompanying Statements of Net Assets Available for Benefits as of December 31, 2023 and 2022, and the supplemental Schedule H, Line 4(i) - Schedule of Assets (Held at End of Year) as of December 31, 2023, and the related investment activity reported in the Statement of Changes in Net Assets Available for Benefits for the year ended December 31, 2023.

4. Fair Value Measurements

The framework for measuring fair value provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy under authoritative guidance are described as follows:

Level 1 - Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

Level 2 - Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly, such as:

- quoted prices for similar assets or liabilities in active markets;
- quoted prices for identical or similar assets or liabilities in inactive markets;
- inputs other than quoted prices that are observable for the asset or liability;
- inputs that are derived principally from or corroborated by observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

Level 3 - Inputs to the valuation technique are unobservable and significant to the fair value measurement.

Talen Energy Retirement Savings Plan

Notes to Financial Statements

December 31, 2023 and 2022

(Dollars in Thousands)

The asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques maximize the use of relevant observables and minimize the use of unobservable inputs.

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2023 and 2022.

Money market fund is valued at the quoted net asset value (NAV) of shares held by the Plan at year-end.

Mutual funds are valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the U.S. Securities and Exchange Commission. These funds are required to publish their daily NAV and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

The common collective trusts are valued at the NAV of units of various bank collective trusts. The NAV, as provided by the Trustee, is used as a practical expedient to estimate fair value. The NAV is based on the fair value of the underlying investments held by the fund less its liabilities. This practical expedient is not used when it is determined to be probable that the fund will sell the investment for an amount different than the reported NAV. Participant transactions (purchases and sales) may occur daily. Were the Plan to initiate a full redemption of a collective trust, the investment adviser reserves the right to temporarily delay withdrawal from the trust in order to ensure that securities liquidations will be carried out in an orderly business fashion.

The preceding methods described may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different value measurement at the reporting date.

The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2023 and 2022:

Assets at Fair Value as of December 31, 2023	Level 1	Level 2	Level 3	Total
Money market fund	\$ 128	\$ -	\$ -	\$ 128
Mutual funds	468,567	-	-	468,567
Total assets in the fair value hierarchy	468,695	-	-	468,695
Investments measured at net asset value (a)	-	-	-	54,064
Total investments at fair value	\$ 468,695	\$ -	\$ -	\$ 522,759

Talen Energy Retirement Savings Plan

Notes to Financial Statements

December 31, 2023 and 2022

(Dollars in Thousands)

Assets at Fair Value as of December 31, 2022	Level 1		Level 2		Level 3		Total
Money market fund	\$	64	\$	-	\$	-	\$ 64
Mutual funds		350,510		-		-	350,510
Total assets in the fair value hierarchy		350,574		-		-	350,574
Investments measured at net asset value (a)		-		-		-	98,232
Total investments at fair value	\$	350,574	\$	-	\$	-	\$ 448,806

(a) In accordance with Subtopic 820-10, certain investments that were measured at net asset value per share (or its equivalent) have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the line items presented in the Statements of Net Assets Available for Benefits.

Investments Measured Using NAV per Share Practical Expedient

The following table summarizes investments for which fair value is measured using NAV per share practical expedient as of December 31, 2023 and 2022. There are no participant redemption restrictions for these investments; the redemption notice period is applicable only to the Plan.

December 31, 2023	Fair Value	Unfunded Commitments	Redemption Frequency (if Currently Eligible)	Redemption Notice Period
T. Rowe Price Stable Value Common Trust Fund A	\$ 27,867	N/A	Daily	30 days
Pioneer Bond Fund Trust Class R1	11,671	N/A	Daily	30 days
Columbia Dividend Income Fund Class A	14,556	N/A	Daily	30 days

Talen Energy Retirement Savings Plan

Notes to Financial Statements

December 31, 2023 and 2022

(Dollars in Thousands)

December 31, 2022	Fair Value	Unfunded Commitments	Redemption Frequency (if Currently Eligible)	Redemption Notice Period
T. Rowe Price Stable Value Common Trust Fund A	\$ 34,938	N/A	Daily	30 days
Pioneer Bond Fund Trust Class R1	10,644	N/A	Daily	30 days
ClearBridge Large Cap Growth CIF R3	40,320	N/A	Daily	30 days
Columbia Dividend Income Fund Class A	12,330	N/A	Daily	30 days

5. Related-Party and Party in Interest Transactions

Certain investments held by the Plan are in mutual funds and a money market fund managed by entities affiliated with Fidelity. Fidelity is the Trustee as defined by the Plan and, therefore, qualifies as a party in interest. The Trustee holds the investments and invests the cash received, interest and dividend income and makes distributions to participants. The participants pay investment and administrative expenses directly in the Plan. No fees were paid by the Plan to the Trustee for the daily operational services of the Plan for the year ended December 31, 2023.

The Plan issues loans to its participants which are secured by the participants' account balance. These transactions qualify as party in interest transactions which are exempt from the prohibited transaction rules.

Certain administrative functions of the Plan are performed by officers or employees of Talen Energy. No such employee receives compensation from the Plan.

6. Tax Status

The trust established under the Plan to hold the Plan's assets is qualified pursuant to Section 501(c)(9) of the IRC, and accordingly, the trust's net investment income is exempt from income taxes. Effective January 1, 2022, the Plan was amended and restated to an individually designed plan which mirrored provisions of the previous volume submitter plan. Previously, the Plan adopted a volume submitter plan (VSP) sponsored by Fidelity. Fidelity received a favorable advisory letter from the IRS dated March 31, 2014, which the IRS stated that plans, such as the Plan, utilizing such VSP form would be deemed in compliance with the applicable requirements of the IRC. Therefore, no provisions for income taxes have been included in the Plan's financial statements. The Plan Administrator, and the Plan's tax counsel believe that the Plan is currently designed in compliance with the applicable requirements of the IRC, and the Plan Administrator believes the Plan is being operated in compliance with the applicable requirements of the IRC. Therefore, they believe that the Plan was qualified and the related trust was tax-exempt as of the financial statements date.

U.S. GAAP requires management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax period in progress.

Talen Energy Retirement Savings Plan

Notes to Financial Statements

December 31, 2023 and 2022

(Dollars in Thousands)

7. Plan Termination

Although it has not expressed any intent to do so, the plan sponsor has the right under the Plan to terminate the Plan subject to the provisions of ERISA. In the event the Plan terminates, all amounts credited to participants' accounts will become 100% vested in the employer portion of their accounts, subject to payment of liquidation costs and expenses.

8. Risks and Uncertainties

The Plan provides for various investment options that are exposed to various risks, such as interest rate, concentration, market and credit risks. Market risks include global events, such as a pandemic or international conflict, which could impact the value of investment securities. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the Statements of Net Assets Available for Benefits.

9. Concentration

As of December 31, 2023 and 2022, the Plan had investments of \$174,791 and \$95,935, respectively, that were concentrated in three and two different investments.

10. Plan Sponsor Restructuring

In May 2022, Talen Energy and most of its subsidiaries (the Debtors) filed voluntary petitions seeking relief under Chapter 11 of the U.S. Bankruptcy Code in the U.S. Bankruptcy Court for the Southern District of Texas. The bankruptcy court approved the Debtors' plan of reorganization in December 2022, and the Debtors emerged from bankruptcy in May 2023. The bankruptcy had no adverse impact on the Plan or its assets.

Talen Energy Retirement Savings Plan

Schedule H, Line 4(i) - Schedule of Assets (Held at End of Year)

EIN: 23-3074920 Plan Number: 005

December 31, 2023

(a)	(b) Identity of Issue, Borrower, Lessor or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	(d) Cost	(e) Current Value
Money Market Fund				
*	Fidelity	Fidelity Government Money Market Fund	N/R	\$ 128,501
Mutual Funds				
	American Funds	American Funds 2030 Target Date Retirement Fund Class R6	N/R	55,822,191
*	Fidelity	Fidelity 500 Index Fund	N/R	60,569,158
	American Funds	American Funds 2025 Target Date Retirement Fund Class R6	N/R	40,068,878
	American Funds	American Funds 2035 Target Date Retirement Fund Class R6	N/R	42,269,223
	American Funds	American Funds 2040 Target Date Retirement Fund Class R6	N/R	33,834,817
	American Funds	American Funds 2020 Target Date Retirement Fund Class R6	N/R	23,812,274
	American Funds	American Funds 2045 Target Date Retirement Fund Class R6	N/R	32,260,720
	American Funds	American Funds 2050 Target Date Retirement Fund Class R6	N/R	28,760,211
*	Fidelity	Fidelity Mid Cap Index Fund	N/R	12,500,168
	MFS	MFS International Intrinsic Value Fund Class R6	N/R	13,402,111
	American Funds	American Funds 2055 Target Date Retirement Fund Class R6	N/R	15,281,406
*	Fidelity	Fidelity Small Cap Index Fund	N/R	9,559,174
	T. Rowe Price	T. Rowe Price Mid-Cap Growth Fund I Class	N/R	8,172,026
	Nationwide Geneva	Small Cap Growth Fund Class R6	N/R	8,021,779
	American Funds	American Funds 2015 Target Date Retirement Fund Class R6	N/R	3,624,007
*	Fidelity	Fidelity Inflation-Protected Bond Index Fund	N/R	3,405,447
	American Funds	American Funds 2060 Target Date Retirement Fund Class R6	N/R	5,618,624

Talen Energy Retirement Savings Plan

Schedule H, Line 4(i) - Schedule of Assets (Held at End of Year)

EIN: 23-3074920 Plan Number: 005

December 31, 2023

(a)	(b) Identity of Issue, Borrower, Lessor or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	(d) Cost	(e) Current Value
	Undiscovered Managers	Undiscovered Managers Behavioral Value Fund Class R6	N/R	\$ 3,507,359
	American Century	American Century Mid Cap Value Fund Class R6	N/R	2,597,542
	GQG Partners	Emerging Markets Equity Fund R6	N/R	2,856,881
	American Funds	American Funds 2010 Target Date Retirement Fund Class R6	N/R	1,454,624
	Cohen & Steers	Cohen & Steers Real Estate Securities Fund, Inc. Class Z	N/R	1,331,268
	PGIM	PGIM High Yield R6	N/R	1,437,366
	JP Morgan	JP Morgan Large Cap Growth R6	N/R	58,399,601
		Total mutual funds		468,566,855
	Common Collective Trusts			
	T. Rowe Price	T. Rowe Price Stable Value Common Trust Fund A	N/R	27,836,525
	Ameriprise Trust Company	Columbia Dividend Income Fund Class A	N/R	14,556,251
	Wilmington Trust	Pioneer Bond Fund Trust Class R1	N/R	11,671,404
		Total common collective trusts		54,064,180
*	Participant Loans	Interest rates: 4.25% to 9.25%	\$0	6,424,702
				\$529,184,238

*A party in interest as defined by ERISA

N/R - cost omitted for participant directed investments

Talen Energy Retirement Savings Plan

Schedule H, Line 4(i) - Schedule of Assets (Held at End of Year)

EIN: 23-3074920 Plan Number: 005

December 31, 2023

(a)	(b) Identity of Issue, Borrower, Lessor or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	(d) Cost	(e) Current Value
Money Market Fund				
*	Fidelity	Fidelity Government Money Market Fund	N/R	\$ 128,501
Mutual Funds				
	American Funds	American Funds 2030 Target Date Retirement Fund Class R6	N/R	55,822,191
*	Fidelity	Fidelity 500 Index Fund	N/R	60,569,158
	American Funds	American Funds 2025 Target Date Retirement Fund Class R6	N/R	40,068,878
	American Funds	American Funds 2035 Target Date Retirement Fund Class R6	N/R	42,269,223
	American Funds	American Funds 2040 Target Date Retirement Fund Class R6	N/R	33,834,817
	American Funds	American Funds 2020 Target Date Retirement Fund Class R6	N/R	23,812,274
	American Funds	American Funds 2045 Target Date Retirement Fund Class R6	N/R	32,260,720
	American Funds	American Funds 2050 Target Date Retirement Fund Class R6	N/R	28,760,211
*	Fidelity	Fidelity Mid Cap Index Fund	N/R	12,500,168
	MFS	MFS International Intrinsic Value Fund Class R6	N/R	13,402,111
	American Funds	American Funds 2055 Target Date Retirement Fund Class R6	N/R	15,281,406
*	Fidelity	Fidelity Small Cap Index Fund	N/R	9,559,174
	T. Rowe Price	T. Rowe Price Mid-Cap Growth Fund I Class	N/R	8,172,026
	Nationwide Geneva	Small Cap Growth Fund Class R6	N/R	8,021,779
	American Funds	American Funds 2015 Target Date Retirement Fund Class R6	N/R	3,624,007
*	Fidelity	Fidelity Inflation-Protected Bond Index Fund	N/R	3,405,447
	American Funds	American Funds 2060 Target Date Retirement Fund Class R6	N/R	5,618,624

Talen Energy Retirement Savings Plan

Schedule H, Line 4(i) - Schedule of Assets (Held at End of Year)

EIN: 23-3074920 Plan Number: 005

December 31, 2023

(a)	(b) Identity of Issue, Borrower, Lessor or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	(d) Cost	(e) Current Value
	Undiscovered Managers	Undiscovered Managers Behavioral Value Fund Class R6	N/R	\$ 3,507,359
	American Century	American Century Mid Cap Value Fund Class R6	N/R	2,597,542
	GQG Partners	Emerging Markets Equity Fund R6	N/R	2,856,881
	American Funds	American Funds 2010 Target Date Retirement Fund Class R6	N/R	1,454,624
	Cohen & Steers	Cohen & Steers Real Estate Securities Fund, Inc. Class Z	N/R	1,331,268
	PGIM	PGIM High Yield R6	N/R	1,437,366
	JP Morgan	JP Morgan Large Cap Growth R6	N/R	58,399,601
		Total mutual funds		468,566,855
	Common Collective Trusts			
	T. Rowe Price	T. Rowe Price Stable Value Common Trust Fund A	N/R	27,836,525
	Ameriprise Trust Company	Columbia Dividend Income Fund Class A	N/R	14,556,251
	Wilmington Trust	Pioneer Bond Fund Trust Class R1	N/R	11,671,404
		Total common collective trusts		54,064,180
*	Participant Loans	Interest rates: 4.25% to 9.25%	\$0	6,424,702
				\$529,184,238

*A party in interest as defined by ERISA

N/R - cost omitted for participant directed investments

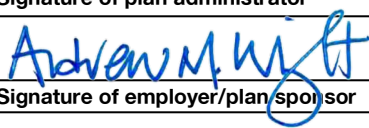
Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the 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 2023 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023	
A This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must provide participating employer information in accordance with the form instructions.)
B This return/report is:	☒ a single-employer plan ☐ a DFE (specify) _____ ☐ 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 TALen ENERGY RETIREMENT SAVINGS PLAN	1b Three-digit plan number (PN) ▶ 005
	1c Effective date of plan 06/01/2015
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) TALen ENERGY SUPPLY, LLC 2929 ALLEN PARKWAY 22ND FLOOR HOUSTON TX 77019-7100	2b Employer Identification Number (EIN) 23-3074920 2c Plan Sponsor's telephone number 888-211-6011 2d Business code (see instructions) 221100

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			
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE		9/18/2024	ANDREW WRIGHT
	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

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
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5 Total number of participants at the beginning of the plan year	5	2,473
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)	1,868
a (2) Total number of active participants at the end of the plan year	6a(2)	1,793
b Retired or separated participants receiving benefits	6b	7
c Other retired or separated participants entitled to future benefits	6c	659
d Subtotal. Add lines 6a(2), 6b, and 6c	6d	2,459
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits	6e	8
f Total. Add lines 6d and 6e	6f	2,467
g (1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item)	6g(1)	2,443
(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	6g(2)	2,440
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	6h	1
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:
 2E 2F 2G 2J 2K 2S 2T

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)	9b Plan benefit arrangement (check all that apply)
(1) ☐ Insurance	(1) ☐ Insurance
(2) ☐ Code section 412(e)(3) insurance contracts	(2) ☐ Code section 412(e)(3) insurance contracts
(3) ☒ Trust	(3) ☒ Trust
(4) ☐ General assets of the sponsor	(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
(4) ☐ **DCG** (Individual Plan Information) - Number Attached ____
(5) ☐ **MEP** (Multiple-Employer Retirement Plan Information)

b General Schedules

- (1)** ☒ **H** (Financial Information)
(2) ☐ **I** (Financial Information - Small Plan)
(3) ☐ **A** (Insurance Information) - Number Attached ____
(4) ☒ **C** (Service Provider Information)
(5) ☒ **D** (DFE/Participating Plan Information)
(6) ☐ **G** (Financial Transaction Schedules)