

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 ENERGYSOLUTIONS, LLC 401(K) PROFIT SHARING PLAN	1b Three-digit plan number (PN) ▶ 001
		1c Effective date of plan 07/01/1990
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) ENERGYSOLUTIONS, LLC 299 SOUTH MAIN STREET SUITE 1700 SALT LAKE CITY, UT 84111-2279	2b Employer Identification Number (EIN) 14-1921823 2c Plan Sponsor's telephone number 801-649-2000 2d Business code (see instructions) 562000

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/01/2024	STEPHEN CROCKER
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/01/2024	STEPHEN CROCKER
	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
5 Total number of participants at the beginning of the plan year	5 1906
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 a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) g(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	6a(1) 1296 6a(2) 1368 6b 2 6c 520 6d 1890 6e 15 6f 1905 6g(1) 1585 6g(2) 1787 6h 83
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 3D 3H

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:

9a Plan funding arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
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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 0
- (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 1
- (4)** ☒ **C** (Service Provider Information)
- (5)** ☒ **D** (DFE/Participating Plan Information)
- (6)** ☐ **G** (Financial Transaction Schedules)

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

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

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

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

11c Enter the Receipt Confirmation Code for the 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 A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance 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. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	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 ENERGYSOLUTIONS, LLC 401(K) PROFIT SHARING PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 ENERGYSOLUTIONS, LLC	D Employer Identification Number (EIN) 14-1921823	

Part I	Information Concerning Insurance Contract Coverage, Fees, and Commissions	Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.
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1 Coverage Information:

(a) Name of insurance carrier
PRINCIPAL LIFE INSURANCE COMPANY

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
42-0127290	61271	455237	1905	01/01/2023	12/31/2023

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	(b) Total amount of fees paid
0	0

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4 Current value of plan's interest under this contract in the general account at year end	4	0
5 Current value of plan's interest under this contract in separate accounts at year end.....	5	129131261

6 Contracts With Allocated Funds:**a** State the basis of premium rates ▶**b** Premiums paid to carrier**6b****c** Premiums due but unpaid at the end of the year.....**6c****d** If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount.**6d**

Specify nature of costs ▶

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity(3) ☐ other (specify) ▶**f** If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ☐**7** Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)**a** Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee(3) ☐ guaranteed investment (4) ☐ other ▶**b** Balance at the end of the previous year**7b****c** Additions: (1) Contributions deposited during the year**7c(1)**

(2) Dividends and credits

7c(2)

(3) Interest credited during the year

7c(3)

(4) Transferred from separate account.....

7c(4)

(5) Other (specify below)

7c(5)

▶

(6) Total additions.....

7c(6)**d** Total of balance and additions (add lines **7b** and **7c(6)**)**7d****e** Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year

7e(1)

(2) Administration charge made by carrier

7e(2)

(3) Transferred to separate account.....

7e(3)

(4) Other (specify below)

7e(4)

▶

(5) Total deductions.....

7e(5)**f** Balance at the end of the current year (subtract line **7e(5)** from line **7d**)**7f****0**

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)
 b ☐ Dental
 c ☐ Vision
 d ☐ Life insurance
e ☐ Temporary disability (accident and sickness)
 f ☐ Long-term disability
 g ☐ Supplemental unemployment
 h ☐ Prescription drug
i ☐ Stop loss (large deductible)
 j ☐ HMO contract
 k ☐ PPO contract
 l ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received	9a(1)		
(2) Increase (decrease) in amount due but unpaid.....	9a(2)		
(3) Increase (decrease) in unearned premium reserve	9a(3)		
(4) Earned ((1) + (2) - (3)).....		9a(4)	
b Benefit charges (1) Claims paid.....	9b(1)		
(2) Increase (decrease) in claim reserves	9b(2)		
(3) Incurred claims (add (1) and (2)).....		9b(3)	
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees	9c(1)(B)		
(C) Other specific acquisition costs	9c(1)(C)		
(D) Other expenses	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies.....	9c(1)(F)		
(G) Other retention charges	9c(1)(G)		
(H) Total retention		9c(1)(H)	
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.).....		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves.....		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).)		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount	10b	

Specify nature of costs.

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A?..... ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

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 ENERGYSOLUTIONS, LLC 401(K) PROFIT SHARING PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 ENERGYSOLUTIONS, LLC	D Employer Identification Number (EIN) 14-1921823	

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
PRINCIPAL LIFE INSURANCE COMPANY
42-0127290

(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)

PRINCIPAL LIFE INSURANCE COMPANY

42-0127290

(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?
13 37 50 64	CONTRACT ADMINISTRATOR	282382	Yes ☒ No ☐	Yes ☒ No ☐	963	Yes ☐ No ☒

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

TANNER LLC

20-2253063

(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 50 99	ACCOUNTANT	13616	Yes ☒ No ☐	Yes ☐ No ☒	12812	Yes ☐ No ☒

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

GLOBAL RETIREMENT PARTNERS LLC

47-1411118

(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 99	INVESTMENT ADVISORY	0	Yes ☒ No ☐	Yes ☐ No ☒	93684	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
TANNER LLC	10 50 99	12812

(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.
PRINCIPAL LIFE INSURANCE COMPANY 42-0127290	ACCOUNTANT (INCLUDING AUDIT)

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
GLOBAL RETIREMENT PARTNERS LLC	27 99	93684

(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.
PRINCIPAL LIFE INSURANCE COMPANY 42-0127290	INVESTMENT ADVISORY (PLAN)

(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:	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:

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>ENERGYSOLUTIONS, LLC 401(K) PROFIT SHARING PLAN</u>	B Three-digit plan number (PN) ▶	<u>001</u>
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>ENERGYSOLUTIONS, LLC</u>	D Employer Identification Number (EIN) <u>14-1921823</u>	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs)
(Complete as many entries as needed to report all interests in DFEs)	

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN CORE PLUS BOND SEP ACCT-Z

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN <u>42-0127290-005</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>3941234</u>
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a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN DIVERSIFIED INTL SA-Z

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN <u>42-0127290-015</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>6664428</u>
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a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN MIDCAP VALUE I SA-Z

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN <u>42-0127290-043</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>2504632</u>
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a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN SMCAP S&P 600 INDEX SA-Z

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN <u>42-0127290-028</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>2138517</u>
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a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN SMCAP GROWTH I SEP ACCT-Z

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN <u>42-0127290-070</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>311639</u>
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a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LARGE CAP GROWTH I SA-Z

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN <u>42-0127290-066</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>23195071</u>
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a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETM 2010 SEP ACCT-Z

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN <u>42-0127290-075</u>	d Entity code <u>P</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: PRIN LIFETIME 2020 SEP ACCT-Z		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-076	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 15812524
a Name of MTIA, CCT, PSA, or 103-12 IE: PRINL LIFETIME 2030 SEP ACCT-Z		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-077	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 34325409
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME 2040 SEP ACCT-Z		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-078	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 20161654
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME 2050 SEP ACCT-Z		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-079	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 12401419
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME STRAT INC SA-Z		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-080	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2563276
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME 2060 SEP ACCT-Z		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-130	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 4961160
a Name of MTIA, CCT, PSA, or 103-12 IE: PRINCIPAL STABLE VALUE Z FUND		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 93-6274328-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 25435376
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETM 2070 SEP ACCT-Z		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-179	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 150297
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
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

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 ENERGYSOLUTIONS, LLC 401(K) PROFIT SHARING PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 ENERGYSOLUTIONS, LLC		
		D Employer Identification Number (EIN) 14-1921823

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)	289176	304892
(2) Participant contributions	1b(2)		134
(3) Other	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)	2708372	3262618
(9) Value of interest in common/collective trusts	1c(9)	30813218	25435376
(10) Value of interest in pooled separate accounts	1c(10)	97870429	129131261
(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)	49961460	56931604
(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	181642655	215065885
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	0	0
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	181642655	215065885

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)	5330138	
(B) Participants	2a(1)(B)	12519931	
(C) Others (including rollovers)	2a(1)(C)	4791993	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		22642062
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	180082	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		180082
(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)	791610	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		791610
(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)		760462
(7) Net investment gain (loss) from pooled separate accounts.....	2b(7)		20524702
(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)		9591925
c Other income	2c		22783
d Total income. Add all income amounts in column (b) and enter total	2d		54513626

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	20769289	
(2) To insurance carriers for the provision of benefits.....	2e(2)		
(3) Other	2e(3)	18186	
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		20787475
f Corrective distributions (see instructions)	2f		6923
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses:			
(1) Salaries and allowances	2i(1)		
(2) Contract administrator fees.....	2i(2)	282382	
(3) Recordkeeping fees.....	2i(3)		
(4) IQPA audit fees.....	2i(4)	13616	
(5) Investment advisory and investment management fees	2i(5)		
(6) Bank or trust company trustee/custodial fees	2i(6)		
(7) Actuarial fees	2i(7)		
(8) Legal fees	2i(8)		
(9) Valuation/appraisal fees	2i(9)		
(10) Other trustee fees and expenses	2i(10)		
(11) Other expenses	2i(11)		
(12) Total administrative expenses. Add lines 2i(1) through (11)	2i(12)		295998
j Total expenses. Add all expense amounts in column (b) and enter total	2j		21090396

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		33423230
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: **TANNER LLC**

(2) EIN: **20-2253063**

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.)	☒	☐	112
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 ENERGYSOLUTIONS, LLC 401(K) PROFIT SHARING PLAN	B Three-digit plan number (PN) 001	
C Plan sponsor's name as shown on line 2a of Form 5500 ENERGYSOLUTIONS, LLC	D Employer Identification Number (EIN) 14-1921823	

Part I	Distributions
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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): 42-0127290 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.)
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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) b Enter the amount contributed by the employer to the plan for this plan year 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) If you completed line 6c, skip lines 8 and 9.	<table><tr><td>6a</td><td></td></tr><tr><td>6b</td><td></td></tr><tr><td>6c</td><td></td></tr></table>	6a		6b		6c	
6a							
6b							
6c							
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
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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
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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.
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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? 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 ☐ Yes ☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?	☐ Yes ☐ No

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
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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
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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 <u>06 / 30 / 2020</u> (MM/DD/YYYY) and the Opinion Letter serial number <u>Q702477A</u> .	

Right Answers, Right Here.



TANNER

Accountants & Advisors

EnergySolutions, LLC 401(k) Profit Sharing Plan

Financial Statements and Supplemental Schedule

**As of December 31, 2023 and 2022
and for the Year Ended December 31, 2023**

EnergySolutions, LLC 401(k) Profit Sharing Plan
Financial Statements and Supplemental Schedule

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* All other supplemental schedules required by Section 2520.103-10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, as amended, have been omitted because they are not applicable to the EnergySolutions, LLC 401(k) Profit Sharing Plan.



TANNER

Independent Auditors' Report

Plan Administrators
EnergySolutions, LLC 401(k) Profit Sharing Plan

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

We have performed audits of the financial statements of the EnergySolutions, LLC 401(k) Profit Sharing 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 assets available for benefits as of December 31, 2023 and 2022, and the related statement of changes in 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 the 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 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 Department of Labor'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 7 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 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 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 these financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for one year after the date 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 the 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 Schedules Required by ERISA

The supplemental Schedule of Assets (Held at End of Year) as of December 31, 2023 and the supplemental Schedule of Delinquent Participant Contributions for the year ended December 31, 2023 are presented for purposes of additional analysis and are not a required part of the financial statements but are supplementary information required by the Department of Labor'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 schedules, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit 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 schedules 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 schedules, we evaluated whether the supplemental schedules, other than the information agreed to or derived from the certified investment information, including their form and content, are presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion—

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

Tanner LLC

September 30, 2024

EnergySolutions, LLC 401(k) Profit Sharing Plan

Statements of Assets Available for Benefits

	As of December 31,	
	2023	2022
ASSETS		
Participant-directed investments, at fair value	\$ 211,498,243	\$ 178,645,109
Receivables:		
Notes receivable from participants	3,262,618	2,708,372
Employer contributions receivable	305,026	289,176
Total receivables	3,567,644	2,997,548
ASSETS AVAILABLE FOR BENEFITS	\$ 215,065,887	\$ 181,642,657

See accompanying notes to financial statements.

EnergySolutions, LLC 401(k) Profit Sharing Plan
Statement of Changes in Assets Available for Benefits

	For the Year Ended December 31, 2023
ADDITIONS TO ASSETS AVAILABLE FOR BENEFITS	
Investment income:	
Net appreciation in fair value of investments	\$ 30,899,872
Interest and dividends from investments	791,610
Interest income from participant loans	180,082
Net investment gain	31,871,564
Contributions:	
Participant	12,519,931
Employer	5,330,138
Rollovers	4,791,993
Total contributions	22,642,062
Total additions	54,513,626
DEDUCTIONS FROM ASSETS AVAILABLE FOR BENEFITS	
Benefits paid to participants	(20,794,398)
Administrative expenses	(295,998)
Total deductions	(21,090,396)
NET INCREASE IN ASSETS AVAILABLE FOR BENEFITS	33,423,230
ASSETS AVAILABLE FOR BENEFITS:	
Beginning of the year	181,642,657
End of the year	\$ 215,065,887

See accompanying notes to financial statements.

1. Description of the Plan

The following description of the EnergySolutions, LLC 401(k) Profit Sharing Plan (the “Plan”) is provided for general information only. Plan participants should refer to the Plan document, as amended, summary plan description and summaries of material modifications for more complete information.

(a) Overview

The Plan was created on July 1, 1990 by Envirocare of Utah, Inc., the predecessor to EnergySolutions, LLC (the “Company” or the “Employer”), as a defined contribution plan. The Plan was established to provide employees of the Company and certain of its subsidiaries with an opportunity to accumulate funds for retirement or disability and to provide death benefits for employees’ dependents and beneficiaries. The Plan is intended to be a qualified retirement plan under the Internal Revenue Code of 1986 (“IRC”), as amended, and is subject to the provisions of the Employee Retirement Income Security Act of 1974 (“ERISA”), as amended. The Plan allows traditional 401(k) deferral (pre-tax) contributions, Roth 401(k) deferral (after-tax) contributions, and voluntary after-tax contributions.

The Plan is administered by the Company’s 401(k) Retirement Plan Committee (the “Retirement Plan Committee”). The Retirement Plan Committee is responsible for interpreting the Plan document, establishing investment policies, approving the investment funds offered to employees for investment of contributions, monitoring investment fund activity, reviewing investment guidelines and appointing third-party agents to conduct activities related to the administration of the Plan. Delaware Charter Guarantee and Trust Company d/b/a Principal Trust Company (“Principal”) is the trustee of the Plan.

(b) Eligibility

All employees performing services for the Company other than non-resident aliens, unionized employees, leased employees and project employees, are eligible to participate in the Plan.

(c) Participant Contributions

The Plan provides for “Automatic Enrollments” whereby an eligible employee who completes one hour of service with the Company and who otherwise would have been eligible to make elective deferrals is enrolled in the Plan immediately. This feature automatically enrolls each eligible employee into the Plan at a default rate of 6% of the employee’s compensation on a pre-tax basis for the Plan year. This amount is automatically increased each January 1 by 1% up to a maximum of 12%. the employee compensation limit for calculation of annual contributions made into the Plan was \$330,000 for the year ended December 31, 2023.

Participants are permitted to stop or change this automatic enrollment feature any time at their discretion. Contribution percentage changes become effective as soon as administratively feasible following receipt of the change request by the trustee.

Participants may make pre-tax contributions up to 75% of their eligible compensation as defined in the Plan document, subject to IRC limitations. For the year ended December 31, 2023, participants were eligible to defer up to \$22,500 in contributions to the Plan plus an additional \$7,500 catch-up contribution for participants age 50 or older. Participants may elect to make pre-tax elective deferral contributions, after-tax Roth elective deferral contributions, and/or after-tax voluntary contributions into their accounts. The amount of total contributions from all sources made for or by the participants to the Plan in a year cannot exceed \$66,000 (or \$73,500 if age 50 and older) for the year ended December 31, 2023. The Plan also allows participants to contribute into the Plan balances from other qualified benefit plans known as rollover contributions, which are not subject to the annual limitation.

Contributions are allocated to a Qualified Default Investment Alternative (“QDIA”) unless the participant otherwise elects to self-direct the investments of the participant’s account. Each participant’s account is either credited or charged with the participant’s elective deferral contributions, any participant rollover contributions, the Employer’s contributions allocable to the participant and an allocation of the net investment gains or losses on the investments in the participant’s account. Allocations of Plan earnings and losses are based upon the participant’s invested balance as of the valuation dates.

Participant pre-tax contributions and Employer contributions, as well as the earnings thereon, are taxed to the participant at the time of distribution.

(d) Employer Contributions

Employees may join the plan as an active participant for purposes of matching contributions on the day on which employee becomes an eligible. Matching contributions are calculated based on employee's pay and 401(k) elective deferrals for the payroll period. Prior to October 2, 2023, employer matching contributions equaled 100% of eligible participants' contributions that did not exceed 3% of eligible compensation plus 50% of eligible participants' remaining contributions that did not exceed 6% of eligible compensation. Beginning October 2, 2023, the Company has two groups for matching contributions: for employees in Group 1, the Company will make a matching contribution equal to 100% of 401(k) elective deferral contributions, 401(k) elective deferrals over 4.5% of pay are not matched; for employees in Group 2, the Company will make a matching contribution equal to 100% of 401(k) elective deferral contributions which are not over 3% of Pay, plus 50% of 401(k) elective deferral contributions which are over 3% of your Pay, but are not over 6% of your pay. For this purpose, employees of EnergySolutions Nuclear Services, LLC and its subsidiaries are covered under Group 1. All other employees are covered under Group 2.

The Company may also make non-matching discretionary contributions to the Plan for any Plan year. These are known as "profit sharing contributions." There is no minimum period of service requirement for eligibility to receive profit sharing contributions. Each Plan year, the Company may elect to make a discretionary non-matching contribution on behalf of active participants who make elective deferral contributions during the Plan year.

For the year ended December 31, 2023, Employer matching and non-matching contributions totaled \$5,330,138.

(e) Vesting and Forfeitures

Vesting is as follows:

- 1) Vesting for Matching Contributions - Participant elective deferral contributions and rollover contributions are fully vested when contributed. Employer matching contributions vest based on years of service as follows: 50% vesting after the first year of service, and 100% vesting after two years or more of service
- 2) Vesting for Discretionary Contributions – The vesting percentages for discretionary contributions are based on years of service as follows: 25% vesting after first year of service, 50% vesting after second year service, 75% vesting after third year service, and 100% vesting after four years or more of service.

Termination of employment before the two-year requirement is met, results in forfeiture of a prorated amount of allocated Employer contributions and earnings thereon. Employer contributions become immediately vested in the event the participant dies, becomes totally disabled or attains normal retirement age 65 while still employed by the Company.

Once a participant is fully vested in the Employer contributions, those contributions, as adjusted for investment earnings or losses thereon, are non-forfeitable and are available for distribution when the participant leaves the Company or becomes entitled to an in-service distribution.

Forfeited amounts may be used to pay Plan expenses or to offset future Employer matching contributions. In the event of partial or total termination of the Plan, participants become fully vested in their accounts. The funds in the Plan are valued as of the date of termination and, after payment of necessary expenses, are distributed as though all participants directly affected by the partial or total termination had retired as of that date.

The balance of the forfeiture account was \$1,014 and \$9 as of December 31, 2023 and 2022, respectively. For the year ended December 31, 2023, forfeitures totaled \$107,514, net earnings on forfeiture balances totaled \$347, and Employer contributions were reduced by \$106,856 from the application of forfeitures.

(f) Investment Options

Plan assets are held in a trust fund and are invested in the Plan's investment options at the direction of the participants, in accordance with the Plan document. In general, participants may move their assets among the Plan's investment options through a fund transfer, reallocation, or rebalance on any business day on which the financial markets are open. In general, no transaction costs are associated with the Plan, although certain investment funds have the right to impose redemption fees should they decide to do so.

(g) Notes Receivable from Participants

Participants may borrow up to the lesser of 50% of the vested portion of their account or \$50,000, with a minimum loan requirement of \$1,000. The period of repayment of the loan can vary but may not exceed five years. The interest rate will be based on the rates available for similar loans from commercial lending institutions. The Loan Administrator periodically examines the rates such lenders are using. Once a loan is granted, the interest rate on that loan will not change. Payment due dates and the length of the repayment period will be set out in the promissory note. Payments will be due at least quarterly. Such loans obtained prior to this date will be honored until their original maturity date.

Participants are only allowed one outstanding loan. Principal and interest payments are collected through payroll deductions and are allocated to the investment funds elected for current contributions. A participant may continue to contribute to the Plan while the participant has an outstanding loan balance. Notes receivable from participants are valued at the unpaid principal balance plus accrued but unpaid interest. Loans are generally due within 60 days of termination with the Company. If any amount remains unpaid after 90 days, it will be treated as a taxable distribution to the participant. Loans may be rolled over into or out of the Plan due to a special event such as a business combination.

(h) Withdrawals

Prior to termination of employment, a participant who has attained age 59 ½ or has become totally disabled may withdraw, subject to the Plan's notice requirements, all or a portion of the vested balance of the participant's account. Similarly, a participant who has not yet separated from service may receive a distribution of all or a portion of the vested balance of the participant's account (except earnings on elective deferral contributions) in the event of demonstrated financial hardship, subject to the Plan's provisions.

Following termination of a participant's employment, if the participant's vested account balance is \$1,000 or less, a distribution will be made of the vested account balance in a lump-sum unless the participant elects a direct rollover of such account balance. If the amount to be distributed exceeds \$1,000, and the participant does not request a distribution, the participant's account shall remain in the Plan and may be withdrawn or distributed at the participant's request, or as minimum required distributions beginning when the participant attains age 70½. When a participant dies, the entire amount in the participant's account is allocated to the participant's beneficiary or beneficiaries, as described in the Plan document.

(i) Recent Pronouncements

On December 29, 2023, the Setting Every Community Up for Retirement Enhancement Act 2.0 (the SECURE Act 2.0) was signed into law. It includes mandatory and optional provisions impacting defined contribution plans. Key provisions that may affect plan participants in the future include increasing the age for Required Minimum Distributions (RMDs). Applicable provisions outlined in the SECURE 2.0 Act will be adopted if elected and/or required. Plan amendments for these changes are not yet required.

2. Summary of Significant Accounting Policies***(a) Basis of Presentation***

The financial statements of the Plan are prepared using the accrual method of accounting in accordance with accounting principles generally accepted in the United States of America ("US GAAP").

(b) Use of Estimates

The preparation of financial statements in conformity with US GAAP requires the Plan's management to make estimates and assumptions that affect the reported amounts of assets, additions to assets, deductions from assets, and disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

(c) Investment Valuation and Income Recognition

Investments are carried at fair value. Changes in fair value during the year are included in the statement of changes in assets available for benefits and recorded as investment income or loss. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Amounts invested may earn interest and dividends, which in turn are reinvested.

Investment transactions are recorded on a trade-date basis. Realized gains or losses on sales, redemptions, or distributions of investments are based upon each investment's average historical cost. Unrealized appreciation or depreciation is determined based on the fair value of assets at the beginning of the Plan year.

Investment options available to participants included:

- A self-directed account comprised of participant-directed investments in mutual funds. Mutual funds are valued at fair value which represents the net asset value ("NAV") of the shares of each fund as of the close of business at the end of the period.
- Investments in government securities, bonds and corporate equity securities are valued at the last reported sale price on the last business day of the Plan year. Securities not traded on the last business day are valued at the last reported bid price.
- The fair value of investments in a common collective trust and pooled separate accounts are measured using the NAV of the trust and accounts based on the market values of their underlying investments.

(d) Notes Receivable from Participants

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. Related fees are charged directly to the borrowing participant's account and are included in administrative expenses when incurred. As of December 31, 2023 and 2022, no allowance for credit losses has been recorded. If a participant does not make loan payments and the plan administrator considers the participant loan to be in default, the loan balance is reduced, and the delinquent participant note receivable is recorded as a benefit payment based on the terms of the Plan document.

(e) Contributions

Participant contributions are recorded when the Company remits the contributions to Principal. Employer matching contributions, if any, are recorded at the same time as the participant contributions being matched. Contributions are funded after the remittance has been recorded and following the payroll payment date.

(f) Benefits

Benefits distributed to participants are recorded when paid by the Plan.

(g) Plan Administrative Costs

Plan administrative costs including participant communication expenses, trustee fees and investment management expenses are paid by the Plan and allocated based upon the participants' balances. Other expenses such as legal and audit fees are paid by the Company.

(h) Risks and Uncertainties

The Plan provides for investments in a variety of investment funds. Investments, in general, are exposed to various risks such as interest rate, market and credit risks. Due to the level of risk associated with certain investments, it is at least reasonably possible that changes in the values of investments will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statements of assets available for benefits. The Plan's concentrations of credit risk are dictated by the Plan's provisions, as well as those of ERISA and participants' investment preferences.

(i) Subsequent Events

The Plan has evaluated subsequent events through September 30, 2024, which is the date the financial statements were available to be issued.

3. Fair Value Measurements

Financial and non-financial assets and liabilities are reported at fair value. The fair value of an asset is the price at which the asset could be sold in an ordinary transaction between unrelated, knowledgeable and willing parties able to engage in the transaction. A liability's fair value is defined as the amount that would be paid to transfer the liability to a new obligor in a transaction between such parties, not the amount that would be paid to settle the liability with the creditor.

Assets and liabilities recorded at fair value are measured using the fair value hierarchy, which prioritizes the inputs used in measuring fair value. The levels of the fair value hierarchy are:

- (i) Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities that a company has the ability to access at the measurement date;
- (ii) Level 2 inputs are inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly; and
- (iii) Level 3 inputs are unobservable inputs for the asset or liability.

There were no Level 2 or Level 3 investments in the Plan as of December 31, 2023 or 2022. The valuation of financial instruments carried at fair value on a recurring basis is as follows:

EnergySolutions, LLC 401(k) Profit Sharing Plan

Notes to Financial Statements (Continued)

As of December 31, 2023				
	Level 1	Level 2	Level 3	Total
Investments:				
U.S. equity (Large Cap) ⁽¹⁾	\$ 34,368,079	\$ —	\$ —	\$ 34,368,079
U.S. equity (Small Mid Cap) ⁽¹⁾	18,330,665	—	—	18,330,665
Fixed income ⁽¹⁾	2,771,746	—	—	2,771,746
International equity ⁽¹⁾	1,461,117	—	—	1,461,117
Total investments measured at fair value	56,931,607	—	—	56,931,607
Balanced asset allocation ⁽²⁾				90,375,739
Short-Term Fixed Income ⁽³⁾				25,435,376
U.S. equity (Large Cap) ⁽²⁾				23,195,071
International equity ⁽²⁾				6,664,428
U.S. equity (Small Mid Cap) ⁽²⁾				4,954,788
Fixed income ⁽²⁾				3,941,234
Total investments measured at NAV				154,566,636
Total Investments	\$ 56,931,607	\$ —	\$ —	\$ 211,498,243

As of December 31, 2022				
	Level 1	Level 2	Level 3	Total
Investments:				
U.S. equity (Large Cap) ⁽¹⁾	\$ 28,830,492	\$ —	\$ —	\$ 28,830,492
U.S. equity (Small Mid Cap) ⁽¹⁾	17,085,693	—	—	17,085,693
Fixed income ⁽¹⁾	2,751,887	—	—	2,751,887
International equity ⁽¹⁾	1,293,389	—	—	1,293,389
Total investments measured at fair value	49,961,461	—	—	49,961,461
Balanced asset allocation ⁽²⁾				66,444,410
Short-Term Fixed Income ⁽³⁾				30,813,218
U.S. equity (Large Cap) ⁽²⁾				17,003,008
International equity ⁽²⁾				5,806,071
U.S. equity (Small Mid Cap) ⁽²⁾				4,474,481
Fixed income ⁽²⁾				4,142,460
Total investments measured at NAV				128,683,648
Total Investments	\$ 49,961,461	\$ —	\$ —	\$ 178,645,109

(1) *Mutual funds:* The fair values of mutual fund investments are determined by obtaining quoted prices on nationally recognized securities exchanges and are categorized as Level 1 in the recurring fair value measurements hierarchy.

(2) *Pooled separate accounts ("PSAs"):* The market value of investments in PSAs is reported at net asset value (NAV). PSAs hold diversified portfolios of domestic or international stocks and open-ended mutual funds, some holding securities of U.S. companies in a particular industry sector, some holding short-term and/or medium-term corporate, government and government agency bonds, and others holding a blend of various domestic stocks, bonds and mutual funds. Investments in PSAs can be redeemed on a daily basis.

(3) *Common collective trust:* This is a stable value collective investment trust ("CIT") which is composed primarily of fully benefit-responsive investment contracts and is valued at the NAV of units of the respective fund. The NAV, as provided by the respective fund trustee, is used as a practical expedient to estimating 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. The CIT is designed to provide safety of principal with consistency of returns with minimal volatility by employing a strategy of investing in investment contracts and security-backed contracts while employing broad diversification among contract issuers and underlying securities. Participant transactions may occur daily. If the Plan initiates a full redemption of the CIT, the issuer reserves the right to require 12 months' notification in order to ensure that securities liquidations will be carried out in an orderly business manner.

The following table presents investments measured at fair value based on NAV per share as a practical expedient:

As of December 31, 2023				
Description	Fair Value	Unfunded Commitments	Redemption Frequency (if currently eligible)	Redemption Notice Period
Pooled Separate Accounts	\$129,131,260	\$ —	Daily	1 Day
Common Collective Trust	25,435,376	—	Daily	1 Day
Total	\$154,566,636	\$ —		

As of December 31, 2022				
Description	Fair Value	Unfunded Commitments	Redemption Frequency (if currently eligible)	Redemption Notice Period
Pooled Separate Accounts	\$97,870,430	\$ —	Daily	1 Day
Common Collective Trust	30,813,218	—	Daily	1 Day
Total	\$128,683,648	\$ —		

4. Exempt Party-in-Interest Transactions

Notes receivable from participants totaling \$3,262,618 and \$2,708,372 as of December 31, 2023 and 2022, respectively, are considered party-in-interest transactions but are permitted under ERISA. Interest income pertaining to notes receivable from participants totaled \$180,082 for the year ended December 31, 2023.

Certain Plan investments are shares of funds that are managed by the Plan's trustee, and therefore, these transactions constitute party-in-interest transactions under ERISA. Any purchases and sales of these funds are open market transactions at fair market value. Consequently, such transactions are permitted under the provisions of the Plan and ERISA.

5. Tax Status

The IRS has determined and informed the Plan sponsor by a letter dated June 30, 2020, that the Plan and the related trust are designed in accordance with applicable sections of the Internal Revenue Code (IRC). Although the Plan has been amended since receiving the determination letter, the Plan administrator and the Plan's tax counsel believe that the Plan is designed, and is currently being operated, in compliance with the applicable requirements of the IRC and, therefore, believe that the Plan is qualified, and the related trust is tax-exempt.

US GAAP requires plan management to evaluate income tax positions taken by the Plan and recognize an income tax liability if the Plan has taken an uncertain tax position that more likely than not would not be sustained upon examination by tax authorities. Plan management has analyzed the tax positions taken by the Plan and concluded that as of December 31, 2023, there are no uncertain tax positions taken or expected to be taken that would require recognition of a liability or disclosure in the financial statements. The Plan is subject to audits by tax jurisdictions for tax years for which the applicable statutes of limitations have not expired; however, there are currently no audits for any tax periods in progress.

6. Plan Termination

Although it has not expressed any intention to do so, the Company has the right under the Plan to amend or discontinue its contributions at any time and to amend or terminate the Plan subject to the provisions of ERISA. In the event of Plan

Notes to Financial Statements (Continued)

termination, full or partial, all amounts credited to the impacted participants' accounts become 100% vested and, therefore, will not be subject to forfeiture.

7. Certification of Information Provided

The Plan Administrators have elected the method of compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, as permitted under that election, the Plan Administrators have obtained certifications from Delaware Charter Guarantee and Trust Company d/b/a Principal Trust Company, the trustee of the Plan, that information in the accompanying financial statements and supplemental schedule pertaining to the Plan's investments and notes receivable from participants and related transactions is complete and accurate. Information as to these assets held by the trustee, and the related income and transactions, are presented solely based upon those certifications.

EnergySolutions, LLC 401(k) Profit Sharing Plan

EIN 14-1921823 Plan #001

Schedule H, Part IV, Line 4a - Schedule of Delinquent Participant Contributions

For the Year Ended December 31, 2023

Participant Contributions Transferred Late to Plan	Total That Constitutes Non-exempt Prohibited Transactions
\$112	\$112 (1)

(1) Represents delinquent participant elective deferral contributions and participants' loan payments that were deposited in the trust later than the applicable ERISA timely deposit deadline. The Company remitted the necessary contributions and loan payments including lost earnings to the Plan during 2024.

See independent auditors' report.

EnergySolutions, LLC 401(k) Profit Sharing Plan
EIN 14-1921823 Plan #001

Schedule H, Line 4i - Schedule of Assets
(Held at End of Year)
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
	Common/collective trust			
*	Principal Stable Value Fund	Common/collective trust, 1,027,202 units		25,435,376
	Pooled separate accounts			
*	Principal LifeTm 2030 Sep Acct	Pooled separate account, 794,628 units		34,325,409
*	T. Rowe Price Large-Cap Growth I Sep Acct	Pooled separate account, 362,045 units		23,195,071
*	Principal LifeTime 2040 Sep Acct	Pooled separate account, 419,110 units		20,161,654
*	Principal LifeTime 2020 Sep Acct	Pooled separate account, 409,361 units		15,812,524
*	Principal LifeTime 2050 Sep Acct	Pooled separate account, 252,640 units		12,401,419
*	Principal Global Diversified International Sep Acct	Pooled separate account, 53,762 units		6,664,428
*	Principal LifeTime 2060 Sep Acct	Pooled separate account, 189,506 units		4,961,160
*	Principal Global Core Plus Bond Sep Acct	Pooled separate account, 27,129 units		3,941,234
*	Principal LifeTime STR Inc Sep Acct	Pooled separate account, 92,421 units		2,563,276
*	Principal Global Mid-Cap Value I Sep Acct	Pooled separate account, 31,710 units		2,504,632
*	Principal Global Small-Cap S&P 600 Index Sep Acct	Pooled separate account, 22,040 units		2,138,517
*	Principal Small Cap Growth I Sep Acct	Pooled separate account, 6,381 units		311,639
*	Principal LifeTime 2070 Sep Acct	Pooled separate account, 13,340 units		150,297
	Total Pooled Separate Accounts			129,131,260
	Mutual funds			
	Fidelity 500 Index Fund	Mutual Fund, 189,134 units		31,299,798
	Vanguard MidCp Grth Idx Adm Fd	Mutual Fund, 79,104 units		7,477,684
	T. Rowe Price New Horizon Fd	Mutual Fund, 109,365 units		6,148,500
	Fidelity Mid Cp Index Fund	Mutual Fund, 107,315 units		3,214,083
	American Funds AmerMut R6 FD	Mutual Fund, 60,151 units		3,068,281
	JP Morgan Core Plus Bond A Fd	Mutual Fund, 381,783 units		2,771,746
	DFA US Targeted Value I Fund	Mutual Fund, 46,736 units		1,490,398
	DFA Emerging Markets I Fund	Mutual Fund, 53,075 units		1,461,117
	Total Mutual Funds			56,931,607
	Notes Receivable from Participants			
*	Notes Receivable from Participants	367 Loans with interest rates ranging from 4.25% to 10.25%, maturing at various dates through August 2031	-0-	3,262,618
	Total			214,760,861

* Denotes a party-in-interest as defined by ERISA.

** The information in column (d) is not required because the investments are participant directed.

See independent auditors' report.

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

ES, LLC 401() P S P

EIN 14 1921823
 PLAN NUMBER 001
 PLAN YEAR 01/01/2023 TO 12/31/2023

(A)	(B) Identity of issuer, 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
	The American Funds	Registered Investment Company American Funds AmerMut R6 Fd	\$ 0.00	\$ 3,068,279.18
	Dimensional Fund Advisors	Registered Investment Company DFA Emerging Markets I Fund	\$ 0.00	\$ 1,461,156.82
	Dimensional Fund Advisors	Registered Investment Company DFA US Targeted Value I Fund	\$ 0.00	\$ 1,490,397.07
	Fidelity Investments	Registered Investment Company Fidelity Mid Cp Index Fund	\$ 0.00	\$ 3,214,080.53
	Fidelity Investments	Registered Investment Company Fidelity 500 Index Fund	\$ 0.00	\$ 31,299,772.82
	JP Morgan Funds	Registered Investment Company JP Morgan Core Plus Bond A Fd	\$ 0.00	\$ 2,771,746.36
*	Principal Life Insurance Company	Pooled Separate Accounts Prin Core Plus Bond Sep Acct-Z	\$ 0.00	\$ 3,941,233.93
*	Principal Life Insurance Company	Pooled Separate Accounts Prin Diversified Intl SA-Z	\$ 0.00	\$ 6,664,428.37
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LargeCap Growth I SA-Z	\$ 0.00	\$ 23,195,071.00
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTime Strat Inc SA-Z	\$ 0.00	\$ 2,563,276.26
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTime 2020 Sep Acct-Z	\$ 0.00	\$ 15,812,524.10
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTime 2040 Sep Acct-Z	\$ 0.00	\$ 20,161,653.92
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTime 2050 Sep Acct-Z	\$ 0.00	\$ 12,401,418.98
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTime 2060 Sep Acct-Z	\$ 0.00	\$ 4,961,160.07
*	Principal Life Insurance Company	Pooled Separate Accounts Prin MidCap Value I SA-Z	\$ 0.00	\$ 2,504,632.02

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

ES, LLC 401() P S P

EIN 14 1921823

PLAN NUMBER 001

PLAN YEAR 01/01/2023 TO 12/31/2023

(A)	(B) Identity of issuer, 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
*	Principal Life Insurance Company	Pooled Separate Accounts Prin SmCap Growth I Sep Acct-Z	\$ 0.00	\$ 311,639.35
*	Principal Life Insurance Company	Pooled Separate Accounts Prin SmCap S&P 600 Index SA-Z	\$ 0.00	\$ 2,138,517.29
*	Principal Global Investors Trust Co	Common/Collective Trust Principal Stable Value Z Fund	\$ 0.00	\$ 25,435,376.00
*	Principal Life Insurance Company	Pooled Separate Accounts PrinL LifeTime 2030 Sep Acct-Z	\$ 0.00	\$ 34,325,408.82
*	Principal Life Insurance Company	Pooled Separate Accounts PRIN LIFETM 2070 SEP ACCT-Z	\$ 0.00	\$ 150,296.78
	T. Rowe Price Funds	Registered Investment Company T. Rowe Price New Horizon Fd	\$ 0.00	\$ 6,148,495.79
	Vanguard Group	Registered Investment Company Vanguard MidCap Grth Idx Adm Fd	\$ 0.00	\$ 7,477,675.24
*	Participant Loans	Range of Interest Rates Rates Range From 4.25% To 10.25%	\$ 0.00	\$ 3,262,618.00