

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 2022 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>	
A This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) ____
B This return/report is:	☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C If the plan is a collectively-bargained plan, check here.	▶ ☒
D Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)
E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here.	▶ ☐

Part II Basic Plan Information —enter all requested information		
1a Name of plan <u>401(K) PLAN FOR UMWIA REPRESENTED EMPLOYEES OF IRON SENERGY</u>	1b Three-digit plan number (PN) ▶	<u>002</u>
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>IRON SENERGY, LLC</u> <u>295 NORTH HUBBARDS LANE, SUITE 302</u> <u>LOUISVILLE, KY 40207</u>	1c Effective date of plan <u>12/01/2020</u>	2b Employer Identification Number (EIN) <u>85-2328662</u>
	2c Plan Sponsor's telephone number <u>502-665-0640</u>	2d Business code (see instructions) <u>212110</u>

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

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

SIGN HERE	Filed with authorized/valid electronic signature.	10/11/2023	EDITH WOLF
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/11/2023	EDITH WOLF
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

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

Form 5500 (2022)
v. 220413

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	5 538
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 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) 525 6a(2) 573 6b 1 6c 29 6d 603 6e 0 6f 603 6g 578 6h 0
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
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)	
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☐ A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)

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

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

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

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

11c Enter the Receipt Confirmation Code for the 2022 Form M-1 annual report. If the plan was not required to file the 2022 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2022
		This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan 401(K) PLAN FOR UMW REPRESENTED EMPLOYEES OF IRON SENERGY	B Three-digit plan number (PN) ▶	002
C Plan sponsor's name as shown on line 2a of Form 5500 IRON SENERGY, LLC	D Employer Identification Number (EIN) 85-2328662	

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
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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)

MERRILL LYNCH, PIERCE, FENNER AND S

13-5674085

(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?
15 52 59 60 62 72	RECORDKEEPER	11630	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☐

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

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

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

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

Part I Service Provider Information (continued)

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

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

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

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

a Name:	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 2022 This Form is Open to Public Inspection.
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan 401(K) PLAN FOR UMWA REPRESENTED EMPLOYEES OF IRON SENERGY	B Three-digit plan number (PN) ►	002
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 IRON SENERGY, LLC	D Employer Identification Number (EIN) 85-2328662	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE 2030 RETIREMENT TRUST		
b Name of sponsor of entity listed in (a): T. ROWE PRICE TRUST COMPANY		
c EIN-PN 38-7010946-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2757287
a Name of MTIA, CCT, PSA, or 103-12 IE: INVESCO STABLE VALUE RETIREMENT FUN		
b Name of sponsor of entity listed in (a): INVESCO TRUST COMPANY		
c EIN-PN 27-3868124-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1059392
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE 2010 RETIREMENT TRUST		
b Name of sponsor of entity listed in (a): T. ROWE PRICE TRUST COMPANY		
c EIN-PN 32-6199795-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 499202
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE 2015 RETIREMENT TRUST		
b Name of sponsor of entity listed in (a): T. ROWE PRICE TRUST COMPANY		
c EIN-PN 35-6941654-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 123194
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE 2020 RETIREMENT TRUST		
b Name of sponsor of entity listed in (a): T. ROWE PRICE TRUST COMPANY		
c EIN-PN 36-7594871-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1530994
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE 2025 RETIREMENT TRUST		
b Name of sponsor of entity listed in (a): T. ROWE PRICE TRUST COMPANY		
c EIN-PN 37-6495447-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1168257
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE 2035 RETIREMENT TRUST		
b Name of sponsor of entity listed in (a): T. ROWE PRICE TRUST COMPANY		
c EIN-PN 36-7595013-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3680731

a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE 2040 RETIREMENT TRUST

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

c EIN-PN 35-6941729-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 4375041
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a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE 2045 RETIREMENT TRUST

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

c EIN-PN 32-6199848-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2838328
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a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE 2050 RETIREMENT TRUST

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

c EIN-PN 30-6303214-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2317569
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a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE 2055 RETIREMENT TRUST

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

c EIN-PN 35-6941728-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1703231
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a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE 2060 RETIREMENT TRUST

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

c EIN-PN 47-1088316-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 374667
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a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE 2065 RETIREMENT TRUST

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

c EIN-PN 85-1763138-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 75467
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a Name of MTIA, CCT, PSA, or 103-12 IE:

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

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

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

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

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

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

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

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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Part II **Information on Participating Plans (to be completed by DFEs)**

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

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

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>401(K) PLAN FOR UMWIA REPRESENTED EMPLOYEES OF IRON SENERGY</u>		B Three-digit plan number (PN) <u>002</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>IRON SENERGY, LLC</u>		D Employer Identification Number (EIN) <u>85-2328662</u>

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	195	345
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)		106515
(2) Participant contributions.....	1b(2)		96370
(3) Other.....	1b(3)	0	0
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)	0	0
(2) U.S. Government securities	1c(2)	0	0
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)	0	0
(B) All other	1c(3)(B)	0	0
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)	0	0
(B) Common.....	1c(4)(B)	0	0
(5) Partnership/joint venture interests	1c(5)	0	0
(6) Real estate (other than employer real property)	1c(6)	0	0
(7) Loans (other than to participants).....	1c(7)	0	0
(8) Participant loans.....	1c(8)	1325676	1336682
(9) Value of interest in common/collective trusts.....	1c(9)	23335603	22503359
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts.....	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	4491280	3985410
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other	1c(15)	0	0

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)	0	0
(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	29152754	28028681

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		13000
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	13000

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	29152754	28015681
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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)	2505390	
(B) Participants	2a(1)(B)	2563586	
(C) Others (including rollovers)	2a(1)(C)	597652	
(2) Noncash contributions	2a(2)	0	
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		5666628
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	139	
(B) U.S. Government securities	2b(1)(B)	0	
(C) Corporate debt instruments	2b(1)(C)	0	
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	66329	
(F) Other	2b(1)(F)	0	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		66468
(2) Dividends: (A) Preferred stock	2b(2)(A)	0	
(B) Common stock	2b(2)(B)	0	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	138531	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		138531
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	0	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	0	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)	0	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		-4120710
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		0
(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)		-1030183
c Other income	2c		11276
d Total income. Add all income amounts in column (b) and enter total	2d		732010
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	1851637	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)	0	
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		1851637
f Corrective distributions (see instructions)	2f		0
g Certain deemed distributions of participant loans (see instructions)	2g		5816
h Interest expense	2h		0
i Administrative expenses: (1) Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)	11630	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		11630
j Total expenses. Add all expense amounts in column (b) and enter total	2j		1869083
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-1137073
l Transfers of assets:			
(1) To this plan	2l(1)		0
(2) From this plan	2l(2)		0

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: **COULTER & JUSTUS, P.C**

(2) EIN: **62-1532536**

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

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

Part IV Compliance Questions

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

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)

	Yes	No	Amount
4a		X	

	Yes	No	Amount
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)			
4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)			
4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)			
4d		X	
e Was this plan covered by a fidelity bond?	X		1000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)			
4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?			
4k		X	
l Has the plan failed to provide any benefit when due under the plan?			
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
4m		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			
4n			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

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 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan 401(K) PLAN FOR UMW REPRESENTED EMPLOYEES OF IRON SENERGY		B Three-digit plan number (PN) ► 002
C Plan sponsor's name as shown on line 2a of Form 5500 IRON SENERGY, LLC		D Employer Identification Number (EIN) 85-2328662
Part I	Distributions	
All references to distributions relate only to payments of benefits during the plan year.		
1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....		1 0
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 94-1687665		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....		3
Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)	
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☐ No ☐ N/A If the plan is a defined benefit plan, go to line 8.		
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived).....		6a
b Enter the amount contributed by the employer to the plan for this plan year.....		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☐ No ☐ N/A		
Part III	Amendments	
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box..... ☐ Increase ☐ Decrease ☐ Both ☐ No		
Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.	
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?..... ☐ Yes ☐ No		
11 a Does the ESOP hold any preferred stock?..... ☐ Yes ☐ No		
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)..... ☐ Yes ☐ No		
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?..... ☐ Yes ☐ No		
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2022 v. 220413		

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) through (c) a Enter the percentage of plan assets held as: Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____% b Provide the average duration of the combined investment-grade and high-yield debt: ☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more c What duration measure was used to calculate line 19(b)? ☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____
20	PBGC missed contribution reporting requirements. If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20. a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box: ☐ Yes. ☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date. ☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date. ☐ No. Other. Provide explanation _____

Financial Statements
and Supplemental Schedule

401(k) Plan for UMWA Represented Employees of Iron Senergy

*As of December 31, 2022 and 2021
and for the year ended December 31, 2022
with Independent Auditor's Report*

401(k) Plan for UMW A Represented Employees of Iron Senergy

Financial Statements and Supplemental Schedule

As of December 31, 2022 and 2021
and for the year ended December 31, 2022

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Independent Auditor's Report

Plan Administrator
401(k) Plan for UMW Represented Employees of Iron Senergy

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

We have performed audits of the financial statements of 401(k) Plan for UMW Represented Employees of Iron Senergy (the "Plan"), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statement of changes in net assets available for benefits for the year ended December 31, 2022, 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 (DOL) Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audits need not extend to any statements or information related to assets held for investment of the Plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the DOL's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from a qualified institution as of December 31, 2022 and 2021, and for the year ended December 31, 2022, stating that the certified investment information, as described in Note 4 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 Auditor's Responsibilities for the Audit of the Financial Statements section:

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

Plan Administrator
401(k) Plan for UMW A Represented Employees of Iron Senergy

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 Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with GAAP, 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 that the financial statements are issued.

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

Auditor's Responsibilities for the Audit of the 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 independent auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and, therefore, is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users made on the basis of these financial statements.

Plan Administrator
401(k) Plan for UMW A Represented Employees of Iron Senergy

Auditor's Responsibilities for the Audit of the Financial Statements (continued)

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 GAAP.

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 GAAP.

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

Other Matter - Supplemental Schedule Required by ERISA

The supplemental Schedule of Assets (Held at End of Year) as of December 31, 2022 is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the DOL's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements.

Plan Administrator
401(k) Plan for UMW Represented Employees of Iron Senergy

Other Matter - Supplemental Schedule Required by ERISA (continued)

The information included in the supplemental schedule, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedule that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

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

In our opinion:

- the form and content of the supplemental schedule, other than the information in the supplemental schedule that agreed to or is derived from the certified investment information, is presented, in all material respects, in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.
- the information in the supplemental schedule related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Coulter & Justus, P.C.

Coulter & Justus, P.C.

Knoxville, Tennessee
October 9, 2023

401(k) Plan for UMWA Represented Employees of Iron Senergy

Statements of Net Assets Available for Benefits

	December 31	
	2022	2021
Assets		
Non-interest bearing cash	\$ 345	\$ 195
Investments, at fair value:		
Common collective trusts	22,503,359	23,335,603
Mutual funds	3,985,410	4,491,280
Total investments, at fair value	26,488,769	27,826,883
Receivables:		
Notes receivable from participants	1,336,682	1,325,676
Participants contributions receivable	96,370	-
Plan Sponsor contributions receivable	106,515	-
Total receivables	1,539,567	1,325,676
Total assets	28,028,681	29,152,754
Liabilities		
Other liabilities	13,000	-
Net assets available for benefits	<u>\$ 28,015,681</u>	<u>\$ 29,152,754</u>

See accompanying Notes to Financial Statements.

401(k) Plan for UMWA Represented Employees of Iron Senergy

Statement of Changes in Net Assets Available for Benefits

Year ended December 31, 2022

Additions

Dividend and interest income	\$ 138,531
Interest income on notes receivable from participants	66,329
Cash contributions:	
Participants	2,563,586
Plan Sponsor	2,505,390
Rollover	597,652
Total cash contributions	<u>5,666,628</u>
Total additions	<u>5,871,488</u>

Deductions

Benefits paid to participants	1,857,453
Administrative expenses paid to parties-in-interest	<u>11,630</u>
Total deductions	<u>1,869,083</u>

Net additions	<u>4,002,405</u>
---------------	------------------

Net realized and unrealized depreciation in the fair value of investments	(5,139,478)
--	-------------

Net decrease	<u>(1,137,073)</u>
--------------	--------------------

Net assets available for benefits at beginning of period	29,152,754
--	------------

Net assets available for benefits at end of period	<u><u>\$ 28,015,681</u></u>
--	-----------------------------

See accompanying Notes to Financial Statements.

401(k) Plan for UMWA Represented Employees of Iron Senergy

Notes to Financial Statements

December 31, 2022

1. Description of the Plan

The following description of 401(k) Plan for UMWA Represented Employees of Iron Senergy (the “Plan”) provides only general information. Participants should refer to the Plan Document and Adoption Agreement for a more complete description of the Plan’s provisions.

General

The Plan is a defined contribution plan available to eligible employees, as defined, of Iron Senergy, LLC, Iron Senergy Holding, LLC, Iron Execution, LLC, Iron Coal Sales, LLC, Cumberland Energy, LLC, Emerald Iron, LLC, Iron Coal Resources, LLC, Iron Pennsylvania Land, LLC, and Iron Pennsylvania Terminal, LLC (collectively referred to as the “Plan Sponsor”).

Employees are excluded from the Plan if they are covered by a collective bargaining agreement (unless the agreement requires the employees to be included under the Plan), nonresident aliens, employees of an affiliate that is not a participating employer, leased employees, temporary employees, or salaried employees and hourly employees performing work that is not classified work under a UMWA collective bargaining agreement. Participation in the Plan is strictly voluntary, and employees are eligible to participate after one hour of service. Newly eligible employees are automatically enrolled in the Plan at a 3% pre-tax deferral rate unless they affirmatively elect not to participate in the Plan. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

Management of the Plan Sponsor is responsible for oversight of the Plan and for determining the appropriateness of the Plan’s investment offerings and monitoring the investment performance. Transactions are processed through Bank of America, N.A.

Contributions

Participants may elect to defer either up to 70% of their pre-tax annual compensation or up to 16% of their after-tax annual compensation, as defined by the Plan Document, subject to certain Internal Revenue Service (IRS) limitations. Participants who have attained the age of 50 before the end of the plan year are eligible to make catch-up contributions to the Plan. Participants may also contribute to the Plan amounts representing distributions from other qualified retirement plans (rollovers). Participants direct the investment of their contributions into various investment options offered by the Plan.

401(k) Plan for UMWA Represented Employees of Iron Senergy

Notes to Financial Statements (continued)

1. Description of the Plan (continued)

Contributions (continued)

The Plan Sponsor made nondiscretionary matching contributions to the Plan during 2022 equal to 100% of participant deferrals up to 3% of compensation. Participants are eligible to receive these nondiscretionary matching contributions at the same time they are eligible for participation in the Plan. Additionally, the Plan Sponsor made profit sharing contributions to the Plan during 2022 equal to 3% of compensation. Participants are eligible to receive these profit sharing contributions if they are employed during 2022. Cash contributions receivables, if any, are unsecured.

Participant Accounts

Each participant's account is credited with the participant's contributions and Plan Sponsor contributions, investment earnings and losses that are allocated based on each participant's relative account balance within the respective fund, and an allocation of administrative expenses that are paid by the Plan. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Vesting

Participants are immediately vested in their elective deferral and rollover contributions, Plan Sponsor contributions, and actual earnings thereon.

Notes Receivable from Participants

Participants may borrow from their fund accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50% of their account balance. The notes are required to bear interest at a reasonable rate determined by the Plan Administrator and are generally repayable in level periodic payments over various terms of up to five years, except for those utilized for the acquisition of a principal residence, which may be repaid over a period of time up to ten years. The notes are secured by the balance in the participant's account. Principal and interest are paid ratably through payroll deductions.

Upon default of notes receivable from participants, the entire outstanding principal and interest shall be immediately due and payable. If a distributable event, as defined by the Internal Revenue Code (IRC), has occurred, the note receivable will be foreclosed on and be offset against the participant's account balance. If a participant's note receivable is in default, the participant shall be treated as having a taxable deemed distribution whether or not a distribution event has occurred.

401(k) Plan for UMWA Represented Employees of Iron Senergy

Notes to Financial Statements (continued)

1. Description of the Plan (continued)

Payment of Benefits

If the participant's vested benefit in the Plan does not exceed \$5,000 at the time of termination of employment, the participant's benefit may be distributed in a single lump-sum payment as soon as administratively feasible. If the participant's vested benefit in the Plan exceeds \$5,000 at the time of termination of employment, the participant may elect to either maintain their account in the Plan, receive a lump-sum distribution, or rollover their account balance into an individual retirement account. Participants may also withdraw their vested account balances at any time on or after the age of 59½ or upon retirement, death, or disability.

Plan Termination

Although it has not expressed any intent to do so, the Plan Sponsor has the right, under plan provisions, to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA.

2. Summary of Significant Accounting Policies

Basis of Accounting

The financial statements of the Plan are presented on the accrual basis of accounting, as are the annual returns filed under applicable provisions of ERISA and the IRC.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts in the Plan's financial statements. Accordingly, actual results may differ from those estimates.

Investments

Investments are reported at fair value. Fair value (*Note 5*) is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The Plan Sponsor's management determines the Plan's valuation policies utilizing information provided by Bank of America, N.A.

Purchases and sales of securities are recorded on a trade date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation includes the Plan's gains and losses on investments bought and sold, as well as held, during the year.

401(k) Plan for UMW A Represented Employees of Iron Senergy

Notes to Financial Statements (continued)

2. Summary of Significant Accounting Policies (continued)

Investments (continued)

Generally, the Plan's investments are collateralized by the proportionate share of the respective fund's underlying net assets. The maximum loss, if any, that would be incurred by the Plan if the counterparties to the Plan's investments failed to perform is the recorded amount of such investments.

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 an accrual basis. Related fees are recorded as administrative expenses when they are incurred. No allowance for credit losses has been recorded as of December 31, 2022 and 2021.

Payment of Benefits

Benefits are recorded when paid.

Administrative Expenses

Certain plan administrative expenses are paid by the Plan Sponsor and are excluded from these financial statements. Fees related to administration of notes receivable from participants are charged directly to the participant's account and are included in administrative expenses. Certain investment related expenses are included in net realized and unrealized depreciation in the fair value of investments.

Subsequent Events

Plan management has evaluated subsequent events through October 9, 2023, the date the financial statements were available to be issued.

3. Income Tax Status

The Plan Sponsor adopted a prototype plan sponsored by Merrill Lynch Pierce Fenner & Smith Inc. that received a favorable opinion letter from the IRS dated June 30, 2020, which states the form of the prototype plan is acceptable for use under applicable sections of the IRC.

The Plan has been amended since the latest opinion letter date; however, the Plan Administrator believes the Plan is being operated in accordance with applicable requirements of the IRC and, accordingly, remains exempt from income taxes.

401(k) Plan for UMWA Represented Employees of Iron Senergy

Notes to Financial Statements (continued)

4. Certified Information (Unaudited)

Bank of America, N.A. holds the Plan's investments assets and executes transactions therein. Financial information relating to those assets disclosed in the accompanying financial statements and ERISA-required supplemental schedule, including investments and notes receivable from participants held as of December 31, 2022 and 2021, net realized and unrealized depreciation in the fair value of investments, dividend and interest income, and interest income on notes receivable from participants, is based upon information provided to the Plan Administrator and agreed to or derived from information certified as complete and accurate by Bank of America, N.A.

5. Fair Value Measurements

The framework for measuring fair value provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3).

The three levels of the fair value hierarchy under Financial Accounting Standards Board Accounting Standards Codification 820, *Fair Value Measurement (Topic 820)*, are described as follows:

- Level 1 Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets the Plan has the ability to access.
- Level 2 Inputs to the methodology include:
 - Quoted prices for similar assets or liabilities in active markets;
 - Quoted prices for identical or similar assets or liabilities in inactive markets;
 - Inputs other than quoted prices that are observable for the asset or liability;
 - Inputs that are derived principally from or corroborated by observable market data by correlation or other means.If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.
- Level 3 Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

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

Following is a description of the valuation methodologies used for investments measured at fair value. There have been no changes to the methodologies used as of December 31, 2022 and 2021.

401(k) Plan for UMWA Represented Employees of Iron Senergy

Notes to Financial Statements (continued)

5. Fair Value Measurements (continued)

Common collective trusts: Valued at the net asset value (NAV), which is based on the value of the underlying assets owned by the fund, minus its liabilities, and then divided by the number of shares outstanding. The funds consist of individual security positions that are mostly securities easily traded on recognized market exchanges. These securities are priced and traded daily, and therefore, these funds are valued daily.

Mutual funds: Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the Securities and Exchange Commission (SEC). These funds are required to publish their daily net asset value (NAV) and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

The preceding methods described may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date. Unrealized gains (losses) are included in net realized and unrealized appreciation in the fair value of investments in the statements of changes in net assets available for benefits.

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

	Level 1	Level 2	Level 3	Total
2022:				
Common collective trusts	\$ –	\$22,503,359	\$ –	\$22,503,359
Mutual funds	3,985,410	–	–	3,985,410
Total investments at fair value	<u>\$3,985,410</u>	<u>\$22,503,359</u>	<u>\$ –</u>	<u>\$26,488,769</u>
2021:				
Common collective trusts	\$ –	\$23,335,603	\$ –	\$23,335,603
Mutual funds	4,491,280	–	–	4,491,280
Total investments at fair value	<u>\$4,491,280</u>	<u>\$23,335,603</u>	<u>\$ –</u>	<u>\$27,826,883</u>

6. Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks, such as interest rate, market, and credit risks. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits.

401(k) Plan for UMWA Represented Employees of Iron Senergy
Employer Identification Number: 85-2328662 Plan Number: 002

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

December 31, 2022

Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment, including Maturity Date, Rate of Interest, Collateral, Par Value, or Maturity Value	Current Value
Common collective trusts:		
Invesco Advisors, Inc.	Invesco Stable Value Fund	\$ 1,059,392
T. Rowe Price	Retirement 2010 Trust	499,202
T. Rowe Price	Retirement 2015 Trust	123,194
T. Rowe Price	Retirement 2020 Trust	1,530,994
T. Rowe Price	Retirement 2025 Trust	1,168,257
T. Rowe Price	Retirement 2030 Trust	2,757,287
T. Rowe Price	Retirement 2035 Trust	3,680,731
T. Rowe Price	Retirement 2040 Trust	4,375,041
T. Rowe Price	Retirement 2045 Trust	2,838,328
T. Rowe Price	Retirement 2050 Trust	2,317,569
T. Rowe Price	Retirement 2055 Trust	1,703,231
T. Rowe Price	Retirement 2060 Trust	374,667
T. Rowe Price	Retirement 2065 Trust	75,466
Total common collective trusts		<u>22,503,359</u>
Mutual funds:		
American Funds	Europacific Growth Fund	139,231
Dodge & Cox	International Stock Fund	173,098
Dodge & Cox	Stock Fund	248,894
Fidelity	500 Index Fund	1,097,028
Fidelity	International Index Fund	227,120
Fidelity	Small Cap Index Fund	82,730
Fidelity	Mid Cap Index Fund	138,984
Fidelity	US Bond Index Fund	355,415
PGIM Investments	Total Return Bond Fund	36,631
Principal	Global Real Estate Fund	149,115
T. Rowe Price	Capital Appreciation Fund	237,160
T. Rowe Price	Large Cap Growth Fund	271,762
T. Rowe Price	Mid Cap Growth Fund	245,084
T. Rowe Price	Mid Cap Value Fund	227,124
T. Rowe Price	New Horizons Fund	223,591
T. Rowe Price	Small Cap Value Fund	132,443
Total mutual funds		<u>3,985,410</u>
*Notes receivable from participants	Loans bearing interest at rates ranging from 4.25% - 8%, to be repaid through 2030.	1,336,682
Total assets held for investment purposes at end of year		<u><u>\$ 27,825,451</u></u>

* Denotes a party-in-interest to the Plan.

Cost information has been omitted since these investments are participant-directed.

Attachment to 2022 Form 5500
Schedule H, line 4i - Schedule of Assets (Held At End of Year)

Plan Name: 401(k) Plan for UMWA Represented Employees of Iron Senergy
Plan Sponsor's Name: Iron Senergy LLC

EIN:85-2328662
PN:002

(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
	ACCRUED INCOME	ACCRUED INCOME	139	139
	INVESCO STABLE VALUE RET CL 1	COMMON / COLLECTIVE TRUSTS	1,059,392	1,059,392
	RETIREMENT 2010 TRUST E	COMMON / COLLECTIVE TRUSTS	546,795	499,202
	RETIREMENT 2015 TRUST E	COMMON / COLLECTIVE TRUSTS	141,025	123,194
	RETIREMENT 2020 TRUST E	COMMON / COLLECTIVE TRUSTS	1,741,801	1,530,994
	RETIREMENT 2025 TRUST E	COMMON / COLLECTIVE TRUSTS	1,332,008	1,168,257
	RETIREMENT 2030 TRUST E	COMMON / COLLECTIVE TRUSTS	3,197,459	2,757,287
	RETIREMENT 2035 TRUST E	COMMON / COLLECTIVE TRUSTS	4,276,582	3,680,731
	RETIREMENT 2040 TRUST E	COMMON / COLLECTIVE TRUSTS	5,144,811	4,375,041
	RETIREMENT 2045 TRUST E	COMMON / COLLECTIVE TRUSTS	3,313,564	2,838,328
	RETIREMENT 2050 TRUST E	COMMON / COLLECTIVE TRUSTS	2,695,695	2,317,569
	RETIREMENT 2055 TRUST E	COMMON / COLLECTIVE TRUSTS	1,987,616	1,703,231
	RETIREMENT 2060 TRUST E	COMMON / COLLECTIVE TRUSTS	419,133	374,667
	RETIREMENT 2065 TRUST E	COMMON / COLLECTIVE TRUSTS	76,969	75,467
	LOAN FUND	LOANS	1,336,682	1,336,682
	AMERICAN EUROPACIFIC GROWTH R6	MUTUAL FUNDS	164,240	139,231
	DODGE & COX INTRNL STOCK FD I	MUTUAL FUNDS	167,117	173,098
	DODGE & COX STOCK CL I	MUTUAL FUNDS	228,324	248,894
	FIDELITY 500 INDEX FUND	MUTUAL FUNDS	1,251,145	1,097,028

Attachment to 2022 Form 5500
Schedule H, line 4i - Schedule of Assets (Held At End of Year)

Plan Name: 401(k) Plan for UMWA Represented Employees of Iron Senergy
Plan Sponsor's Name: Iron Senergy LLC

EIN:85-2328662
PN:002

(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
	FIDELITY INTRNTNL INDX INSTL	MUTUAL FUNDS	246,436	227,120
	FIDELITY MID CAP INDEX	MUTUAL FUNDS	161,155	138,984
	FIDELITY SMALL CAP INDEX FUND	MUTUAL FUNDS	97,261	82,730
	FIDELITY US BOND INDEX FUND	MUTUAL FUNDS	412,120	355,415
	PGIM TOTAL RETURN BOND BD R6	MUTUAL FUNDS	44,456	36,631
	PRINCIPAL GLBL REAL ESTATE I	MUTUAL FUNDS	160,628	149,115
	T ROWE PRICE LRG CAP GRTH CL I	MUTUAL FUNDS	328,572	271,762
	T ROWE PRICE MID CAP GRTH INV	MUTUAL FUNDS	278,364	245,084
	T ROWE PRICE MID CAP VAL INV	MUTUAL FUNDS	230,698	227,124
	T ROWE PRICE NEW HORIZONS INV	MUTUAL FUNDS	326,405	223,591
	T ROWE PRICE SML CAP VL FD INV	MUTUAL FUNDS	143,743	132,443
	T. ROWE PRICE CAP APPREC INV	MUTUAL FUNDS	264,499	237,160
	PENDING SETTLEMENT FUND	PENDING SETTLEMENT FUNDS	345	345
	UNINVESTED CASH	UNINVESTED CASH	0	0