| Form 5500 | Annual Return/Report of Employee Benefit Plan | OMB Nos. 1210-0110 1210-0089 |
|---|---|---|
| Department of the Treasury Internal Revenue Service<br>Department of Labor Employee Benefits Security Administration<br>Pension Benefit Guaranty Corporation | 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).<br>▶ **Complete all entries in accordance with the instructions to the Form 5500.** | **2021**<br>**This Form is Open to Public Inspection** |

## Part I Annual Report Identification Information

For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

**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.)
- [x] 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:
- [x] 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
GENIE ENERGY INTERNATIONAL CORP. 401(K) PLAN

**1b** Three-digit plan number (PN) ▶ 001

**1c** Effective date of plan 11/01/2011

**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)
GENIE ENERGY INTERNATIONAL CORP.

520 BROAD STREET
4TH FLOOR
NEWARK, NJ 07102

**2b** Employer Identification Number (EIN) 27-0914687

**2c** Plan Sponsor's telephone number 973-438-4448

**2d** Business code (see instructions) 221100

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

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

| | | | |
|---|---|---|---|
| **SIGN HERE** | Filed with authorized/valid electronic signature. | 05/01/2023 | NADINE SHEA |
| | **Signature of plan administrator** | Date | Enter name of individual signing as plan administrator |
| **SIGN HERE** | | | |
| | **Signature of employer/plan sponsor** | Date | Enter name of individual signing as employer or plan sponsor |
| **SIGN HERE** | | | |
| | **Signature of DFE** | Date | Enter name of individual signing as DFE |

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

**3a** Plan administrator's name and address [X] Same as Plan Sponsor

**3b** Administrator's EIN

**3c** Administrator's telephone number

**4** If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report:

**a** Sponsor's name

**c** Plan Name

**4b** EIN

**4d** PN

| | | | |
|---|---|---|---|
| **5** | Total number of participants at the beginning of the plan year | **5** | 379 |
| **6** | Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines **6a(1), 6a(2), 6b, 6c,** and **6d**). | | |
| **a(1)** | Total number of active participants at the beginning of the plan year | **6a(1)** | 142 |
| **a(2)** | Total number of active participants at the end of the plan year | **6a(2)** | 148 |
| **b** | Retired or separated participants receiving benefits | **6b** | 2 |
| **c** | Other retired or separated participants entitled to future benefits | **6c** | 252 |
| **d** | Subtotal. Add lines **6a(2)**, **6b**, and **6c**. | **6d** | 402 |
| **e** | Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. | **6e** | 0 |
| **f** | Total. Add lines **6d** and **6e**. | **6f** | 402 |
| **g** | Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) | **6g** | 398 |
| **h** | Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested | **6h** | 12 |
| **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

**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)** [X] Insurance
- **(2)** [ ] Code section 412(e)(3) insurance contracts
- **(3)** [X] Trust
- **(4)** [ ] General assets of the sponsor

**9b** Plan benefit arrangement (check all that apply)

- **(1)** [X] Insurance
- **(2)** [ ] Code section 412(e)(3) insurance contracts
- **(3)** [X] 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)** [X] **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)** [X] **H** (Financial Information)
- **(2)** [ ] **I** (Financial Information – Small Plan)
- **(3)** [X] 1 **A** (Insurance Information)
- **(4)** [X] **C** (Service Provider Information)
- **(5)** [ ] **D** (DFE/Participating Plan Information)
- **(6)** [ ] **G** (Financial Transaction Schedules)

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

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

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

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

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

Receipt Confirmation Code_____

| SCHEDULE A (Form 5500) | Insurance Information | OMB No. 1210-0110 |
|---|---|---|
| Department of the Treasury Internal Revenue Service<br>Department of Labor Employee Benefits Security Administration<br>Pension Benefit Guaranty Corporation | This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).<br>▶ **File as an attachment to Form 5500.**<br>▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2). | **2021**<br>**This Form is Open to Public Inspection** |

For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

| **A** Name of plan | **B** Three-digit plan number (PN) ▶ |
|---|---|
| GENIE ENERGY INTERNATIONAL CORP. 401(K) PLAN | 001 |
| **C** Plan sponsor's name as shown on line 2a of Form 5500 | **D** Employer Identification Number (EIN) |
| GENIE ENERGY INTERNATIONAL CORP. | 27-0914687 |

**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.

**1** Coverage Information:

**(a)** Name of insurance carrier

TRANSAMERICA 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 |
|---|---|---|---|---|---|
| 39-0989781 | 86231 | 513125 | 398 | 01/01/2021 | 12/31/2021 |

**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 |
|---|---|
| | |

**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 **(c)** Amount | **(d)** Purpose | **(e)** Organization code |
|---|---|---|---|
| | | | |

**(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 **(c)** Amount | **(d)** Purpose | **(e)** Organization code |
|---|---|---|---|
| | | | |

**(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 | 103168 |
| 5 | Current value of plan's interest under this contract in separate accounts at year end | 5 | |

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 ▶ STABLE VALUE OPTION

| | | | | |
|---|---|---|---|---|
| b | Balance at the end of the previous year | | 7b | 186471 |
| c | Additions: (1) Contributions deposited during the year | 7c(1) | 14571 | |
| | (2) Dividends and credits | 7c(2) | | |
| | (3) Interest credited during the year | 7c(3) | 978 | |
| | (4) Transferred from separate account | 7c(4) | | |
| | (5) Other (specify below) | 7c(5) | 65334 | |
| | ▶ ADDITIONS TO FORFEITURE | | | |
| | (6)Total additions | | 7c(6) | 80883 |
| d | Total of balance and additions (add lines **7b** and **7c(6)**). | | 7d | 267354 |
| e | Deductions: | | | |
| | (1) Disbursed from fund to pay benefits or purchase annuities during year | 7e(1) | 46573 | |
| | (2) Administration charge made by carrier | 7e(2) | 41213 | |
| | (3) Transferred to separate account | 7e(3) | | |
| | (4) Other (specify below) | 7e(4) | 76400 | |
| | ▶ ALLOCATED FORFEITURE AND ADV ER | | | |
| | (5) Total deductions | | 7e(5) | 164186 |
| f | Balance at the end of the current year (subtract line **7e(5)** from line **7d**) | | 7f | 103168 |

## 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) | Service Provider Information | OMB No. 1210-0110 |
|---|---|---|
| Department of the Treasury Internal Revenue Service | This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). | 2021 |
| Department of Labor Employee Benefits Security Administration | ▶ File as an attachment to Form 5500. | This Form is Open to Public Inspection. |
| Pension Benefit Guaranty Corporation | | |

For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

**A** Name of plan
GENIE ENERGY INTERNATIONAL CORP. 401(K) PLAN

**B** Three-digit plan number (PN) ▶ 001

**C** Plan sponsor's name as shown on line 2a of Form 5500
GENIE ENERGY INTERNATIONAL CORP.

**D** Employer Identification Number (EIN)
27-0914687

## Part I Service Provider Information (see instructions)

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).. . . . . [X] 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

TRANSAMERICA RETIREMENT SOLUTIONS

13-3689044

**(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)

TRANSAMERICA RETIREMENT SOLUTIONS

13-3689044

| (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 37 52 62 64 67 | RECORDKEEPER | 47621 | Yes [X] No [ ] | Yes [X] No [ ] | 0 | Yes [ ] No [X] |

**(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 H (Form 5500) | Financial Information | OMB No. 1210-0110 |
|---|---|---|
| Department of the Treasury Internal Revenue Service<br>Department of Labor Employee Benefits Security Administration<br>Pension Benefit Guaranty Corporation | 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).<br>▶ **File as an attachment to Form 5500.** | **2021**<br>**This Form is Open to Public Inspection** |

For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

**A** Name of plan
GENIE ENERGY INTERNATIONAL CORP. 401(K) PLAN

**B** Three-digit plan number (PN) ▶ 001

**C** Plan sponsor's name as shown on line 2a of Form 5500
GENIE ENERGY INTERNATIONAL CORP.

**D** Employer Identification Number (EIN)
27-0914687

## 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) | | |
| **(2)** Participant contributions | 1b(2) | | |
| **(3)** Other | 1b(3) | 163 | 87 |
| **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) | 98265 | 137528 |
| **(9)** Value of interest in common/collective trusts | 1c(9) | | |
| **(10)** Value of interest in pooled separate accounts | 1c(10) | | |
| **(11)** Value of interest in master trust investment accounts | 1c(11) | | |
| **(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) | 5216027 | 6145559 |
| **(14)** Value of funds held in insurance company general account (unallocated contracts) | 1c(14) | 186471 | 103168 |
| **(15)** Other | 1c(15) | | |

| | | (a) Beginning of Year | (b) End of Year |
|---|---|---|---|
| **1d** Employer-related investments: | | | |
| **(1)** Employer securities | 1d(1) | | |
| **(2)** Employer real property | 1d(2) | | |
| **e** Buildings and other property used in plan operation | 1e | | |
| **f** Total assets (add all amounts in lines 1a through 1e) | 1f | 5500926 | 6386342 |
| **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 through1j) | 1k | | |
| **Net Assets** | | | |
| **l** Net assets (subtract line 1k from line 1f) | 1l | 5500926 | 6386342 |

## 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) | 131150 | |
| **(B)** Participants | 2a(1)(B) | 647436 | |
| **(C)** Others (including rollovers) | 2a(1)(C) | | |
| **(2)** Noncash contributions | 2a(2) | | |
| **(3)** Total contributions. Add lines **2a(1)(A), (B), (C),** and line **2a(2)** | 2a(3) | | 778586 |
| **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) | 5420 | |
| **(F)** Other | 2b(1)(F) | 978 | |
| **(G)** Total interest. Add lines **2b(1)(A)** through **(F)** | 2b(1)(G) | | 6398 |
| **(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) | 101129 | |
| **(D)** Total dividends. Add lines **2b(2)(A)**, **(B)**, and **(C)** | 2b(2)(D) | | 101129 |
| **(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) | | |
| (7) Net investment gain (loss) from pooled separate accounts | 2b(7) | | |
| (8) Net investment gain (loss) from master trust investment accounts | 2b(8) | | |
| (9) Net investment gain (loss) from 103-12 investment entities | 2b(9) | | |
| (10) Net investment gain (loss) from registered investment companies (e.g., mutual funds) | 2b(10) | | 705258 |
| c Other income | 2c | | |
| d Total income. Add all **income** amounts in column (b) and enter total | 2d | | 1591371 |
| **Expenses** | | | |
| e Benefit payment and payments to provide benefits: | | | |
| (1) Directly to participants or beneficiaries, including direct rollovers | 2e(1) | 658334 | |
| (2) To insurance carriers for the provision of benefits | 2e(2) | | |
| (3) Other | 2e(3) | | |
| (4) Total benefit payments. Add lines **2e(1)** through **(3)** | 2e(4) | | 658334 |
| f Corrective distributions (see instructions) | 2f | | |
| g Certain deemed distributions of participant loans (see instructions) | 2g | | |
| h Interest expense | 2h | | |
| i Administrative expenses: (1) Professional fees | 2i(1) | | |
| (2) Contract administrator fees | 2i(2) | | |
| (3) Investment advisory and management fees | 2i(3) | | |
| (4) Other | 2i(4) | 47621 | |
| (5) Total administrative expenses. Add lines **2i(1)** through **(4)** | 2i(5) | | 47621 |
| j Total expenses. Add all **expense** amounts in column (b) and enter total | 2j | | 705955 |
| **Net Income and Reconciliation** | | | |
| k Net income (loss). Subtract line **2j** from line **2d** | 2k | | 885416 |
| 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)** [X] 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)** [X] 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: HOBERMAN & LESSER CPA'S, LLP **(2)** EIN: 47-1492235

**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:

| | | 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.) | 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? | 4e | X | | 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? | 4f | | X | |
| g | Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser? | 4g | | X | |
| h | Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser? | 4h | | X | |
| i | Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.) | 4i | X | | |
| j | Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.) | 4j | | X | |
| k | Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC? | 4k | | X | |
| l | Has the plan failed to provide any benefit when due under the plan? | 4l | | X | |
| m | If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.) | 4m | | X | |
| n | If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3 | 4n | | X | |

**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) | Retirement Plan Information | OMB No. 1210-0110 |
|---|---|---|
| Department of the Treasury Internal Revenue Service<br>Department of Labor Employee Benefits Security Administration<br>Pension Benefit Guaranty Corporation | 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).<br>▶ **File as an attachment to Form 5500.** | **2021**<br>**This Form is Open to Public Inspection.** |

For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

**A** Name of plan
GENIE ENERGY INTERNATIONAL CORP. 401(K) PLAN

**B** Three-digit plan number (PN) ▶ 001

**C** Plan sponsor's name as shown on line 2a of Form 5500
GENIE ENERGY INTERNATIONAL CORP.

**D** Employer Identification Number (EIN)
27-0914687

## 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): 13-3689044 _____

**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**

## Part V Additional Information for Multiemployer Defined Benefit Pension Plans

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

**a** Name of contributing employer

**b** EIN **c** Dollar amount contributed by employer

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

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

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

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

**a** Name of contributing employer

**b** EIN **c** Dollar amount contributed by employer

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

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

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

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

**a** Name of contributing employer

**b** EIN **c** Dollar amount contributed by employer

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

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

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

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

**a** Name of contributing employer

**b** EIN **c** Dollar amount contributed by employer

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

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

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

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

**a** Name of contributing employer

**b** EIN **c** Dollar amount contributed by employer

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

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

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

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

**a** Name of contributing employer

**b** EIN **c** Dollar amount contributed by employer

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

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

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

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

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

| | | |
|---|---|---|
| **a** The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment) | **14a** | |
| **b** The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment) | **14b** | |
| **c** The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment) | **14c** | |

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

| | | |
|---|---|---|
| **a** The corresponding number for the plan year immediately preceding the current plan year | **15a** | |
| **b** The corresponding number for the second preceding plan year | **15b** | |

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

| | | |
|---|---|---|
| **a** Enter the number of employers who withdrew during the preceding plan year | **16a** | |
| **b** If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers | **16b** | |

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

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

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

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

**a** Enter the percentage of plan assets held as:
Stock: _____% 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_____

# GENIE ENERGY INTERNATIONAL CORP.
# 401(K) PLAN

## FINANCIAL STATEMENTS AND SUPPLEMENTAL SCHEDULE

## YEARS ENDED DECEMBER 31, 2021 AND 2020

HOBERMAN & LESSER

CPAs • ADVISORS • SOLUTIONS

# GENIE ENERGY INTERNATIONAL CORP.
# 401(K) PLAN

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**INDEPENDENT AUDITOR'S REPORT**

Plan Administrator
Genie Energy International Corp. 401(K) Plan

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

We have performed an audit of the accompanying financial statements of Genie Energy International Corp. 401(K) 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). The financial statements comprise the Statement of Net Assets Available for Benefits as of December 31, 2021, and the related Statement of Changes in Net Assets Available for Benefits for the year then ended, and the related Notes to the Financial Statements.

Management, having determined it is permissible in the circumstances, has elected to have the audit of Genie Energy International Corp. 401(K) 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 audit need not extend to any statements or information related to assets held for investment of the plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained a certification from a qualified institution as of and for the year ended December 31, 2021, stating that the certified investment information, as described in Note 5 to the financial statements, is complete and accurate.

**Opinion**

In our opinion, based on our audit 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 financial statements referred to above, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with the accounting principles generally accepted in the United States of America.

- the information in the financial statements referred to above 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).

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**Basis for Opinion**

We conducted our audit in accordance with auditing standards generally accepted in the United States of America. 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 Genie Energy International Corp. 401(K) Plan and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

**Responsibilities of Management for the 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 Genie Energy International Corp. 401(K) 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.

**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 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 generally accepted auditing standards 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 generally accepted auditing standards, 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 Genie Energy International Corp. 401(K) 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 Genie Energy International Corp. 401(K) Plan's ability to continue as a going concern for a reasonable period of time.

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

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

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

**Supplemental Schedules Required by ERISA**

The supplemental Schedule of Assets (Held at End of Year) on page 16 as of December 31, 2021 is presented for purposes of additional analysis and is not a required part of the financial statements but is 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 schedule, 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 generally accepted auditing standards. 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 Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion—

- the form and content of the supplemental schedule, other than the information in the supplemental schedule that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the Department of Labor'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).

Hoberman + Lesser CPA's, LLP

New York, NY
October 13, 2022

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**INDEPENDENT AUDITOR'S REPORT**

Plan Administrator

Genie Energy International Corp. 401(K) Plan

We were engaged to audit the accompanying financial statements of the Genie Energy International Corp. 401(K) Plan (the "Plan"), which comprise the Statement of Net Assets Available for Benefits as of December 31, 2021 and 2020, and the related Statement of Changes in Net Assets Available for Benefits for the Year then ended, and the related Notes to the Financial Statements.

**Management's Responsibility 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; this includes 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.

**Auditor's Responsibility**
Our responsibility is to express an opinion on these financial statements based on conducting the audit in accordance with auditing standards generally accepted in the United States of America. Because of the matter described in the Basis for Disclaimer of Opinion paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

**Basis for Disclaimer of Opinion**
As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 5, which was certified by Transamerica Life Insurance Company, the trustee of the Plan, except for comparing the information with the related information included in the financial statements. We have been informed by the plan administrator that the trustee holds the Plan's investment assets and executes investment transactions. The plan administrator has obtained a certification from the trustee as of and for the year ended December 31, 2020, that the information provided to the plan administrator by the trustee is complete and accurate.

**Disclaimer of Opinion**
Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on these financial statements.

**Report on Form and Content in Compliance with DOL Rules and Regulations for 2020 Financial Statements**
The form and content of the information included in the 2020 financial statements, other than that derived from the information certified by the trustee, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

Hoberman + Lesser CPA's, LLP

New York, NY
October 13, 2022

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# GENIE ENERGY INTERNATIONAL CORP.
# 401(K) PLAN

Statements of Net Assets Available for Benefits
As of December 31, 2021 and 2020

| | 2021 | 2020 |
|---|---|---|
| **Assets** | | |
| **Investments:** | | |
| Investments at fair value | $6,145,559 | $5,216,027 |
| Investments at contract value | 103,168 | 186,471 |
| **Total Investments** | 6,248,727 | 5,402,498 |
| **Receivables:** | | |
| Notes receivable from participants | 137,528 | 98,265 |
| Employer matching receivable | 145,694 | 134,808 |
| Other receivables | 87 | 163 |
| **Total Receivables** | 283,309 | 233,236 |
| **Net Assets Available for Benefits** | $6,532,036 | $5,635,734 |

See accompanying notes to financial statements.

# GENIE ENERGY INTERNATIONAL CORP.
# 401(K) PLAN

Statements of Changes in Net Assets Available for Benefits
Years Ended December 31, 2021 and 2020

| | 2021 | 2020 |
|---|---|---|
| **Additions to Net Assets Attributed to:** | | |
| Investment Income: | | |
| Net appreciation in fair value of investments | $ 705,258 | $ 631,430 |
| Dividend | 101,129 | 81,131 |
| Interest | 978 | 978 |
| **Total Investment Income** | 807,365 | 713,539 |
| Interest income on notes receivable from participant loans | 5,420 | 3,713 |
| Contributions: | | |
| Participants | 647,436 | 591,643 |
| Employer | 142,036 | 134,808 |
| Rollovers | | 67,947 |
| **Total Additions** | 1,602,257 | 1,511,650 |
| **Deductions from Net Assets Attributed to:** | | |
| Benefits paid to participants | 658,334 | 71,928 |
| Administrative expenses | 47,621 | 50,217 |
| **Total Deductions** | 705,955 | 122,145 |
| **Net Increase** | 896,302 | 1,389,505 |
| **Net Assets Available for Benefits** - Beginning of year | 5,635,734 | 4,246,229 |
| **End of Year** | $6,532,036 | $5,635,734 |

See accompanying notes to financial statements.

# GENIE ENERGY INTERNATIONAL CORP.
# 401(K) PLAN

Notes to Financial Statements
Years Ended December 31, 2021 and 2020

**1. Description of Plan**

The following summary description of the Genie Energy International Corp. (the "Company") 401(K) Plan (the "Plan") provides only general information. Participants should refer to the Plan agreement for a more complete description of the Plan's provisions.

**General**

The Plan is a defined contribution plan covering generally all employees of the Company who are twenty-one or older and have three months of service. It is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

**Impact of COVID-19**

On March 11, 2020, the World Health Organization declared COVID-19 a "pandemic." COVID-19 has spread rapidly, with a high concentration of confirmed cases in the U.S. and other countries. The COVID-19 pandemic has had, and is expected to continue to have, a substantial negative impact on businesses around the world and on global, regional, and national economies.

On March 27, 2020, the Coronavirus Aid, Relief and Economic Security Act ("CARES Act") was enacted and signed into law in the wake of the COVID-19 pandemic. Certain provisions of the CARES Act allow eligible participants the following:

- Penalty-free distribution of up to $100,000 until December 28, 2020 with payment of taxes on the distribution to be spread out over a three-year period.
- Loan repayments due were allowed to be temporarily suspended until December 31, 2020. Interest continued to accrue during this period. Loan payments resumed in January 2021 and the loan(s) were re-amortized to account for the suspension.
- Loans were allowed to be taken up to the lesser of $100,000 (reduced by the highest outstanding loan balance during the prior 12 months) or 50% of a participant's vested account balance. This increased loan amount was available for loans taken by September 17, 2020. Plan limitations on the number of outstanding loans permitted and other requirements still applied.

Eligible participants included those who were diagnosed with COVID-19 by a test approved by the Centers for Disease Control and Prevention ("CDC"); or have spouses or dependents who were diagnosed with COVID-19 by a test approved by the CDC; or participants who experienced adverse financial consequences from quarantine, furlough, layoffs, reduced work hours, inability to work due to lack of child care, or the closing or reduced hours of a business owned or operated by the participant on account of COVID-19.

Written amendments to the Plan to reflect Cares Act changes have been made in 2022 in accordance with applicable law and Internal Revenue Service guidance.

**1. Description of Plan** (Continued)

**Contributions**

Participants may contribute any specific percentage of their compensation, as defined, each plan year through payroll deductions, subject to limitations. The Plan contains an automatic salary deferral feature which effective August 1, 2014, is 4% of an eligible participant's compensation, unless the participant makes an affirmative election. Additional amounts may be contributed by the Company, at its discretion, in the form of employer matching contributions and profit-sharing contributions. During the year ended December 31, 2021 and 2020, the Company made matching contributions. The matching contribution expense amounted to $142,036 and $134,808 during the years ended December 31, 2021 and 2020, respectively.

**Participant Accounts**

Each participant's account is credited to reflect contributions, withdrawals, distributions, investment fund transfers and reallocations, income earned or accrued, expenses paid from the assets of the Plan and any increase or decrease in the fair market value of the assets of the Plan. Each participant may elect from one or more of the investment vehicles offered pursuant to the provisions of the Plan.

**Vesting**

Participants are immediately vested in their voluntary contributions and rollover contributions, plus actual earnings thereon. Vesting in the employer matching and profit-sharing contributions increases 20% per year after the first year of service as defined in the Plan. Participants are 100% vested in all their accounts upon normal retirement age (age 65), death or disability.

**Notes Receivable From Participants**

Participants may borrow from their fund accounts a minimum of $1,000 and a maximum amount equal to the lesser of $50,000 or 50% of their account balance. Loans must be repaid in level payments on a monthly basis up to a five year period unless it is for the purchase of a principal residence, in which case repayment can be made over as many as 10 years. The loans are secured by the balance in the participant's account and bear interest at a rate commensurate with prevailing rates as determined by the Company. A participant may only have two loans outstanding at a time. Delinquent notes receivable from participants are reclassified as distributions based on the terms of the plan document.

**1. Description of Plan** (Continued)

**Forfeitures**

The portion of a participant's account balance, which is not vested upon termination of employment, is forfeited and remains in the Plan. The Plan provides for terminated employees who resume employment within five years to have any forfeited amounts reinstated ("reinstatement period"), if the employee repays the full amount of the distribution attributable to vested employer contributions prior to the end of the reinstatement period. Plan participants' forfeitures may be used to pay Plan expenses or to reduce the Company's employer matching and non-elective contributions for the Plan year. Forfeitures applied amounted to approximately $4.000 and $11,000 for the years ended December 31, 2021 and 2020, respectively. Amounts remaining in the forfeiture account as of December 31, 2021 and 2020 approximately $45,000 were $2,000, respectively.

**Payment of Benefits**

A participant's vested interest in his or her account balance is distributable generally upon termination, disability, retirement or death. Participants may withdraw from their individual accounts pursuant to specific guidelines as set forth in the Plan.

Under certain conditions, a contributing participant could make withdrawals from the vested portion of his or her account balance prior to termination of employment by filing a withdrawal form. Two types of withdrawals are available to participants - regular and hardship. Generally, regular withdrawals are available to participants over the age of 59 ½. Hardship withdrawals to participants are allowed upon meeting certain requirements as described in the Plan.

**2. Significant Accounting Policies**

**Investment Valuation and Income Recognition**

The Plan's investments are stated at fair value (except for the insurance company general account, which is reported at contract value). Fair value is the price that would be received to sell an investment or paid to transfer a liability in an orderly transaction between market participants at the measurement date. See Note 3 for further information regarding fair value measurements.

Purchases and sales of securities are recorded on a trade-date basis. Interest and dividend income is recognized when received. Net appreciation (depreciation) includes the Plan's gains (losses) on investments bought or sold as well as held during the year.

**Notes Receivable from Participants**

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2021 and 2020. If a participant does not make loan repayments 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.

**2. Significant Accounting Policies** (Continued)

**Payment of Benefits** Benefits are recorded when paid.

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

**Plan Expenses** Certain administrative functions are performed by officers or employees of the Company. No such officer or employee receives compensation from the Plan. Administrative expenses, including the custodian fees and auditing fees, are paid by the Plan. Fees related to the administration of notes receivable from participants and other transactions are charged directly to the participant's account and are included in administrative expenses. Investment-related expenses are included in "Net appreciation (depreciation) in fair value of investments."

**3. Fair Value Measurements** The plan's investments are stated at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques need to maximize the use of observable inputs and minimize the use of unobservable inputs. Valuation techniques used to measure fair value are defined as follows:

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

- Level 2 - Inputs to the valuation methodology include: (a) quoted prices for similar assets or liabilities in active markets; (b) quoted prices for identical or similar assets or liabilities in inactive markets; (c) inputs other than quoted prices that are observable for the asset or liability; and (d) 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 asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

**3. Fair Value Measurements** (Continued)

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2021 and 2020:

*Mutual Funds:* Valued at the daily closing prices 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. These funds are required to publish their daily net asset value 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.

Investments at fair value as of December 31, 2021, are as follows:

| | Level 1 | Level 2 | Level 3 | Total |
|---|---|---|---|---|
| Mutual funds | $6,145,559 | $ -0- | $ -0- | $6,145,559 |
| **Total Investments at Fair Value** | $6,145,559 | $ -0- | $ -0- | $6,145,559 |

Investments at fair value as of December 31, 2020, are as follows:

| | Level 1 | Level 2 | Level 3 | Total |
|---|---|---|---|---|
| Mutual funds | $5,216,027 | $ -0- | $ -0- | $5,216,027 |
| **Total Investments at Fair Value** | $5,216,027 | $ -0- | $ -0- | $5,216,027 |

**4. Insurance Company General Account**

Transamerica Life Insurance Company ("TLIC") offers a stable value fund that the participant may elect to transfer all or part of their funds into. The stable value fund is considered to be a fully benefit-responsive investment contract. Contract value is the relevant measurement attribute for that portion of the net assets available for benefits. Contract value, as reported by TLIC, is the beginning balance plus any deposit and credited interest, less any withdrawals, charges, or expenses, a measurement that approximates fair value. Participants may ordinarily direct the withdrawal or transfer of all or a portion of their investment at contract value.

**4. Insurance Company General Account** (Continued)

There are no reserves against contract value for credit risk of TLIC or otherwise. The contract value of the investment contract at December 31, 2021 and 2020 was $103,168 and $186,471, respectively. The stable value funds invest in Guaranteed Investment Contracts ("GIC's"). This investment seeks to protect against any loss of principal while providing returns in excess of money market funds and one year U.S. Treasury bills. The investment has a portfolio investment rate design in which all deposits are credited with the same interest rate, on a daily basis, and with no set maturity. The effective credited interest rate is set bi-annually and effective on the first day of the period. Contract charges may reduce this return.

Certain events limit the ability of the Plan to transact at contract value with TLIC. Such events include the following: (1) the Plan is changed so as to significantly affect TLIC's obligations to the contract, (2) the contract can no longer be treated as a pension plan contract, (3) the Plan is terminated, (4) failure to comply with the contract's requirements, (5) failure to provide information, (6) the failure of the trust to qualify for exemption from federal income taxes or any required prohibited transaction exemption under ERISA. The plan administrator is not aware of any events, which would limit the Plan's ability to transact at contract value with participants that are probable.

**5. Investment Information Certified by the Plan Trustee**

The following is a summary of the investment information regarding the Plan as of December 31, 2021 and 2020, and for the years then ended, included in the Plan's financial statements and supplemental schedule, that was prepared by, or derived from, information provided by the trustee, and furnished to the Plan administrator. The Plan administrator has obtained certifications from the trustee that such information is complete and accurate.

| | For the Years Ended | |
|---|---|---|
| | **December 31, 2021** | December 31, 2020 |
| Mutual funds | $6,145,559 | $5,216,027 |
| Insurance Company General Account | 103,168 | 186,471 |
| Notes receivable from participants | 137,528 | 98,265 |
| **Total** | $6,386,255 | $5,500,763 |

| | For the Years Ended | |
|---|---|---|
| | **December 31, 2021** | December 31, 2020 |
| Investment Income: | | |
| Net appreciation in fair value of investments | $705,258 | $631,430 |
| Dividend | $101,129 | $81,131 |
| Interest | $978 | $978 |
| Interest income, participant loans | $5,420 | $3,713 |

**6. Plan Termination**

Although it has not expressed intent to do so, the Company has the right under the Plan to terminate the Plan at any time subject to the provisions of ERISA. In the event of Plan termination, participants will become 100% vested in their employer contributions.

**7. Reconciliation of Financial Statements To Form 5500**

The following is a reconciliation of employer matching contributions receivable per the financial statements to Form 5500 at December 31, 2021 and 2020:

| | **2021** | 2020 |
|---|---|---|
| Contributions receivable per the financial statements | $145,694 | $134,808 |
| Contributions receivable - December 31, 2021 | ( 145,694) | |
| Contributions receivable - December 31, 2020 | | ( 134,808) |
| **Contributions Receivable Per Form 5500** | $ -0- | $ -0- |

The following is a reconciliation of employer matching contributions per the financial statements to Form 5500 for the years ended December 31, 2021 and 2020:

| | **2021** | 2020 |
|---|---|---|
| Contributions per the financial statements | $142,036 | $134,808 |
| Contributions receivable - December 31, 2021 | ( 145,694) | |
| Contributions receivable - December 31, 2020 | 134,808 | ( 134,808) |
| Contributions receivable - December 31, 2019 | | 122,527 |
| **Contributions Per Form 5500** | 131,150 | $122,527 |

**8. Income Tax Status**

On June 30, 2020, the Internal Revenue Service stated that the prototype plan adopted by the Plan, as then designed, qualifies under Section 401(a) of the Internal Revenue Code ("IRC"). The Plan has not received a determination letter specific to the Plan itself; however, the plan administrator believes that the Plan was designed and is being operated in compliance with the applicable requirements of the IRC. Therefore, no provision for income taxes has been included in the Plan's financial statements.

Accounting principles generally accepted in the United States of America require Plan management to evaluate tax positions taken by the Plan and recognize a tax liability if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the Internal Revenue Service. The Plan administrator has analyzed the tax positions taken by the Plan and has concluded that as of December 31, 2021, there are no uncertain 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 routine audits by taxing jurisdictions, however, there are currently no audits for any tax periods in progress.

**9. 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 at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the Statements of Net Assets Available for Benefits.

**10. Party-in-Interest Transactions**

Transamerica Retirement Solutions, the record keeper of the Plan, and Transamerica Life Insurance Company (collectively, "Transamerica"), is a party-in-interest as defined by ERISA and transactions between the Plan and Transamerica qualify as party-in-interest transactions. The Plan Sponsor and Transamerica entered into an agreement, whereby, the costs of record keeping and administrative services (collectively referred to as "costs") provided to the Plan and its participants may be offset by the compensation paid to Transamerica from mutual fund fees and other compensation received by Transamerica as stipulated in the Master Service Agreement. Any excess revenue over costs will be deposited into the Plan's ERISA Spending Account (the "Spending Account"), which can be used to pay other expenses or be applied back to Plan participants. As of December 31, 2021 and 2020, the excess amount available to the Plan was $0 and $40,398, respectively.

Plan investment options include an insurance company general account, managed by the trustee. Accordingly, these transactions qualify as party-in-interest transactions. Fees incurred by the Plan for investment management services are included in net appreciation (depreciation) in fair value of investments, as they are paid through revenue-sharing, rather than direct payment. Administrative fees related to the trustee's administration of the Plan are paid by the Plan. The plan also has a number of service providers (i.e., accounting fees) that qualify as a party-in-interest under ERISA.

**11. Subsequent Events**

The Company has evaluated events and transactions that occurred between December 31, 2021 and October 13, 2022, which is the date the financial statements were available to be issued, for possible disclosure and recognition in the financial statements.

# GENIE ENERGY INTERNATIONAL CORP.
# 401(K) PLAN

EIN 27-0914687, Plan No. 1
Schedule H, Line 4i
Schedule of Assets (Held at End of Year)
As of December 31, 2021

| (a) | (b) Identity of Issuer, Borrower, Lessor or Similar Party | (c) Description of Investment | (d) Cost** | (e) Current Value |
|---|---|---|---|---|
| | American Funds New Perspective R6 | Mutual Fund | | $ $186,638 |
| | DFA Emerging Markets Core Equity I | Mutual Fund | | 33,510 |
| | JP Morgan High Yield R6 | Mutual Fund | | 69,776 |
| | Lord Abbett Developing Growth RG | Mutual Fund | | 281,470 |
| | MFS Growth RG | Mutual Fund | | 185,503 |
| | PGIM Total Return Bond R6 | Mutual Fund | | 4,255 |
| | Putnam Large Cap Value R6 | Mutual Fund | | 210,029 |
| | Schwab Target 2010 Index | Mutual Fund | | 2,852 |
| | Schwab Target 2015 Index | Mutual Fund | | 3,723 |
| | Schwab Target 2020 Index | Mutual Fund | | 77,774 |
| | Schwab Target 2025 Index | Mutual Fund | | 364,029 |
| | Schwab Target 2030 Index | Mutual Fund | | 302,661 |
| | Schwab Target 2035 Index | Mutual Fund | | 924,746 |
| | Schwab Target 2040 Index | Mutual Fund | | 755,988 |
| | Schwab Target 2045 Index | Mutual Fund | | 652,161 |
| | Schwab Target 2050 Index | Mutual Fund | | 964,940 |
| | Schwab Target 2055 Index | Mutual Fund | | 293,381 |
| | Schwab Target 2060 Index | Mutual Fund | | 94,663 |
| | T Rowe Price Overseas Stock I | Mutual Fund | | 41,837 |
| * | Transamerica Stable Value Core Option | Stable Value Fund | | 103,168 |
| | Vanguard 500 Index Admiral | Mutual Fund | | 275,540 |
| | Vanguard Extended Market Index Adm | Mutual Fund | | 249,617 |
| | Vanguard Real Estate Index Investor Admiral | Mutual Fund | | 41,265 |
| | Vanguard Total Bond Market Index Adm | Mutual Fund | | 27,758 |
| | Vanguard Total Intl Stock Index Admiral | Mutual Fund | | 33,246 |
| | Victory Sycamore Small Company Opp R6 | Mutual Fund | | 68,197 |
| * | Notes receivable from participants | Interest rates from 4.25% to 6.25%, various maturity dates, secured by participant account balance | $-0- | $137,528 |
| | **Total** | | | $6,386,255 |

* Parties-in-interest as defined by ERISA

** The cost of participant directed investments is not required to be disclosed.

**Genie Energy International Corp. 401(k) Plan**
**EIN No.: 27-0914687, Plan No. 001**
**Schedule H, Line 4i - Schedule of Assets**
**Plan Year Ending: 12/31/2021**

| (a) | (b) Identity of Issuer, Borrower, Lessor or Similar Party | (c) Description of Investment, Including Maturity Date, Rate of Interest, Par or Maturity Value | (d) CURRENT VALUE |
|---|---|---|---|
| | American Funds | American Funds New Perspective R6 | $ 186,638 |
| | Dimensional | DFA Emerging Markets Core Equity I | $ 33,510 |
| | JPMorgan | JPMorgan High Yield R6 | $ 69,776 |
| | Lord Abbett | Lord Abbett Developing Growth R6 | $ 281,470 |
| | MFS | MFS Growth R6 | $ 185,503 |
| | Prudential | PGIM Total Return Bond R6 | $ 4,255 |
| | Putnam | Putnam Large Cap Value R6 | $ 210,029 |
| | Schwab | Schwab Target 2010 Index | $ 2,852 |
| | Schwab | Schwab Target 2015 Index | $ 3,723 |
| | Schwab | Schwab Target 2020 Index | $ 77,774 |
| | Schwab | Schwab Target 2025 Index | $ 364,029 |
| | Schwab | Schwab Target 2030 Index | $ 302,661 |
| | Schwab | Schwab Target 2035 Index | $ 924,746 |
| | Schwab | Schwab Target 2040 Index | $ 755,988 |
| | Schwab | Schwab Target 2045 Index | $ 652,161 |
| | Schwab | Schwab Target 2050 Index | $ 964,940 |
| | Schwab | Schwab Target 2055 Index | $ 293,381 |
| | Schwab | Schwab Target 2060 Index | $ 94,663 |
| | T. Rowe Price | T. Rowe Price Overseas Stock I | $ 41,837 |
| | Vanguard | Vanguard 500 Index Adm | $ 275,540 |
| | Vanguard | Vanguard Extended Market Index Adm | $ 249,617 |
| | Vanguard | Vanguard REIT Index Adm | $ 41,265 |
| | Vanguard | Vanguard Total Bond Mkt Index Adm | $ 27,758 |
| | Vanguard | Vanguard Total Intl Stock Index Adm | $ 33,246 |
| | Victory | Victory Sycamore Small Co Opp R6 | $ 68,197 |
| | | **Mutual Fund Total** | **$ 6,145,559** |
| * | Transamerica Life Ins Co | Transamerica Stbl Val Core Op | $ 103,168 |
| | | **Stable Value Fund Total** | **$ 103,168** |
| * | Participants | Notes Receivable with interest rates of 4.25% to 6.50% | **$ 137,528** |
| | | **TOTAL PLAN ASSETS** | **$ 6,386,255** |

* Indicates Party-In-Interest to the Plan