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Form 990



Department of the Treasury  
Internal Revenue Service

Return of Organization Exempt From Income Tax

Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations)

▶ Do not enter social security numbers on this form as it may be made public

▶ Information about Form 990 and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990)

OMB No 1545-0047

2014

Open to Public Inspection

A For the 2014 calendar year, or tax year beginning 01-01-2014 , and ending 12-31-2014

<b>B</b> Check if applicable <input checked="" type="checkbox"/> Address change  <input type="checkbox"/> Name change  <input type="checkbox"/> Initial return  <input type="checkbox"/> Final return/terminated  <input type="checkbox"/> Amended return  <input type="checkbox"/> Application pending	<b>C</b> Name of organization GEOTHERMAL HEAT PUMP CONSORTIUM		<b>D Employer identification number</b>  52-1905415	
	Doing business as GEOTHERMAL EXCHANGE ORG (GEO)		E Telephone number  (888) 255-4436	
	Number and street (or P O box if mail is not delivered to street address) 312 S 4TH STREET NO 100	Room/suite	G Gross receipts \$ 1,013,358	
	City or town, state or province, country, and ZIP or foreign postal code SPRINGFIELD, IL 62701		H(a) Is this a group return for subordinates? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
	F Name and address of principal officer DOUGLAS A DOUGHERTY 312 S 4TH STREET NO 100 SPRINGFIELD,IL 62701		H(b) Are all subordinates included? <input type="checkbox"/> Yes <input type="checkbox"/> No If "No," attach a list (see instructions)	
<b>I</b> Tax-exempt status <input type="checkbox"/> 501(c)(3) <input checked="" type="checkbox"/> 501(c) ( 6 ) ◀ (insert no ) <input type="checkbox"/> 4947(a)(1) or <input type="checkbox"/> 527		H(c) Group exemption number ▶		
<b>J Website:</b> ▶ WWW.GEOEXCHANGE.ORG				

<b>K</b> Form of organization <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Trust <input type="checkbox"/> Association <input type="checkbox"/> Other ▶	<b>L</b> Year of formation 1994	<b>M</b> State of legal domicile VA
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Part I

Summary

Activities & Governance	<b>1</b> Briefly describe the organization's mission or most significant activities TO ADVANCE THE GEOTHERMAL HEAT PUMP INDUSTRY THROUGH PUBLIC POLICY ADVOCACY AND OTHER ACTIVITIES		
<b>2</b> Check this box <input type="checkbox"/> if the organization discontinued its operations or disposed of more than 25% of its net assets			
<b>3</b> Number of voting members of the governing body (Part VI, line 1a) . . . . .	<b>3</b>	7	
<b>4</b> Number of independent voting members of the governing body (Part VI, line 1b) . . . . .	<b>4</b>	7	
<b>5</b> Total number of individuals employed in calendar year 2014 (Part V, line 2a) . . . . .	<b>5</b>	2	
<b>6</b> Total number of volunteers (estimate if necessary) . . . . .	<b>6</b>	7	
<b>7a</b> Total unrelated business revenue from Part VIII, column (C), line 12 . . . . .	<b>7a</b>	0	
<b>b</b> Net unrelated business taxable income from Form 990-T, line 34 . . . . .	<b>7b</b>	0	
Revenue	<b>8</b> Contributions and grants (Part VIII, line 1h) . . . . .	<b>Prior Year</b>	<b>Current Year</b>
	<b>9</b> Program service revenue (Part VIII, line 2g) . . . . .	109,028	0
	<b>10</b> Investment income (Part VIII, column (A), lines 3, 4, and 7d ) . . . . .	930,513	1,013,350
	<b>11</b> Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)	30	4
	<b>12</b> Total revenue—add lines 8 through 11 (must equal Part VIII, column (A), line 12) . . . . .	3	4
	1,039,574	1,013,358	
Expenses	<b>13</b> Grants and similar amounts paid (Part IX, column (A), lines 1–3 ) . . . .	0	6,000
	<b>14</b> Benefits paid to or for members (Part IX, column (A), line 4) . . . . .	0	0
	<b>15</b> Salaries, other compensation, employee benefits (Part IX, column (A), lines 5–10)	247,533	325,513
	<b>16a</b> Professional fundraising fees (Part IX, column (A), line 11e) . . . . .	0	0
	<b>b</b> Total fundraising expenses (Part IX, column (D), line 25) ▶ <sup>0</sup> _____		
	<b>17</b> Other expenses (Part IX, column (A), lines 11a–11d, 11f–24e) . . . . .	789,967	636,949
	<b>18</b> Total expenses Add lines 13–17 (must equal Part IX, column (A), line 25)	1,037,500	968,462
	<b>19</b> Revenue less expenses Subtract line 18 from line 12 . . . . .	2,074	44,896
Net Assets or Fund Balances		<b>Beginning of Current Year</b>	<b>End of Year</b>
	<b>20</b> Total assets (Part X, line 16) . . . . .	377,452	377,481
	<b>21</b> Total liabilities (Part X, line 26) . . . . .	144,462	99,595
	<b>22</b> Net assets or fund balances Subtract line 21 from line 20 . . . . .	232,990	277,886

Part II

Signature Block

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete Declaration of preparer (other than officer) is based on all information of which preparer has any knowledge

Sign Here	<div>*****</div> <div>Signature of officer</div>	<div>2015-04-29</div> <div>Date</div>
	<div>DOUGLAS A DOUGHERTY PRESIDENT</div> <div>Type or print name and title</div>	

Paid Preparer Use Only	Print/Type preparer's name FRANK H SMITH	Preparer's signature FRANK H SMITH	Date 2015-04-29	Check <input type="checkbox"/> if self-employed	PTIN P00639053
	Firm's name ▶ RAFFA PC			Firm's EIN ▶ 52-1511275	
	Firm's address ▶ 1899 L STREET NW SUITE 900  WASHINGTON, DC 20036			Phone no (202) 822-5000	

May the IRS discuss this return with the preparer shown above? (see instructions) . . . . . ☒ Yes ☐ No

Part III

Statement of Program Service Accomplishments

Check if Schedule O contains a response or note to any line in this Part III

☐ Yes ☒ No

1

Briefly describe the organization's mission

TO ADVANCE THE GEOTHERMAL HEAT PUMP INDUSTRY THROUGH PUBLIC POLICY ADVOCACY, PUBLIC RELATIONS, COMMUNICATIONS, BRANDING, CONSUMER ACCEPTANCE AND COORDINATION WITH UTILITIES AND RENEWABLE ENERGY ADVOCATES

2

Did the organization undertake any significant program services during the year which were not listed on the prior Form 990 or 990-EZ?

☐ Yes ☒ No

If "Yes," describe these new services on Schedule O

3

Did the organization cease conducting, or make significant changes in how it conducts, any program services?

☐ Yes ☒ No

If "Yes," describe these changes on Schedule O

4

Describe the organization's program service accomplishments for each of its three largest program services, as measured by expenses. Section 501(c)(3) and 501(c)(4) organizations are required to report the amount of grants and allocations to others, the total expenses, and revenue, if any, for each program service reported.

4a

(Code ) (Expenses \$ including grants of \$ ) (Revenue \$ )

PROMOTION OF THE GEOTHERMAL HEAT PUMP INDUSTRY THROUGH PUBLIC POLICY ADVOCACY, EDUCATION OF ELECTED OFFICIALS AND COLLABORATION WITH ENERGY AGENCIES

4b

(Code ) (Expenses \$ including grants of \$ ) (Revenue \$ )

EXECUTE A U S DEPARTMENT OF ENERGY ASSISTANCE AGREEMENT TO CREATE A NATIONAL CERTIFICATION STANDARD FOR ALL PRIMARY PERSONNEL INVOLVED IN THE DESIGN AND INSTALLATION OF GEOTHERMAL HEAT PUMP SYSTEMS

4c

(Code ) (Expenses \$ including grants of \$ ) (Revenue \$ )

INCREASE PUBLIC AWARENESS OF GEOTHERMAL HEAT PUMP HEATING AND COOLING SYSTEMS IN PARTNERSHIP WITH THE GEOTHERMAL HEAT PUMP CONSORTIUM'S (THE ORGANIZATION) MEMBERS

See Additional Data

4d

Other program services (Describe in Schedule O )

(Expenses \$ including grants of \$ ) (Revenue \$ )

4e

Total program service expenses

Form 990 (2014)

Part IV

Checklist of Required Schedules

		Yes	No
<b>1</b>	Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? <i>If "Yes," complete Schedule A</i> . . . . .	<b>1</b>	No
<b>2</b>	Is the organization required to complete <i>Schedule B, Schedule of Contributors</i> (see instructions)? . . . .	<b>2</b>	No
<b>3</b>	Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? <i>If "Yes," complete Schedule C, Part I</i> <b>3</b> . . . . .	<b>3</b>	No
<b>4</b>	<b>Section 501(c)(3) organizations.</b> Did the organization engage in lobbying activities, or have a section 501(h) election in effect during the tax year? <i>If "Yes," complete Schedule C, Part II</i> . . . . .	<b>4</b>	
<b>5</b>	Is the organization a section 501(c)(4), 501(c)(5), or 501(c)(6) organization that receives membership dues, assessments, or similar amounts as defined in Revenue Procedure 98-19? <i>If "Yes," complete Schedule C, Part III</i> <b>5</b> . . . . .	<b>5</b>	Yes
<b>6</b>	Did the organization maintain any donor advised funds or any similar funds or accounts for which donors have the right to provide advice on the distribution or investment of amounts in such funds or accounts? <i>If "Yes," complete Schedule D, Part I</i> . . . . .	<b>6</b>	No
<b>7</b>	Did the organization receive or hold a conservation easement, including easements to preserve open space, the environment, historic land areas, or historic structures? <i>If "Yes," complete Schedule D, Part II</i> . . . .	<b>7</b>	No
<b>8</b>	Did the organization maintain collections of works of art, historical treasures, or other similar assets? <i>If "Yes," complete Schedule D, Part III</i> . . . . .	<b>8</b>	No
<b>9</b>	Did the organization report an amount in Part X, line 21 for escrow or custodial account liability, serve as a custodian for amounts not listed in Part X, or provide credit counseling, debt management, credit repair, or debt negotiation services? <i>If "Yes," complete Schedule D, Part IV</i> . . . . .	<b>9</b>	No
<b>10</b>	Did the organization, directly or through a related organization, hold assets in temporarily restricted endowments, permanent endowments, or quasi-endowments? <i>If "Yes," complete Schedule D, Part V</i> . . . . .	<b>10</b>	No
<b>11</b>	If the organization's answer to any of the following questions is "Yes," then complete Schedule D, Parts VI, VII, VIII, IX, or X as applicable		
<b>a</b>	Did the organization report an amount for land, buildings, and equipment in Part X, line 10? <i>If "Yes," complete Schedule D, Part VI.</i> . . . . .	<b>11a</b>	No
<b>b</b>	Did the organization report an amount for investments—other securities in Part X, line 12 that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part VII</i> . . . . .	<b>11b</b>	No
<b>c</b>	Did the organization report an amount for investments—program related in Part X, line 13 that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part VIII</i> . . . . .	<b>11c</b>	No
<b>d</b>	Did the organization report an amount for other assets in Part X, line 15 that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part IX</i> . . . . .	<b>11d</b>	No
<b>e</b>	Did the organization report an amount for other liabilities in Part X, line 25? <i>If "Yes," complete Schedule D, Part X</i> . . . . .	<b>11e</b>	No
<b>f</b>	Did the organization's separate or consolidated financial statements for the tax year include a footnote that addresses the organization's liability for uncertain tax positions under FIN 48 (ASC 740)? <i>If "Yes," complete Schedule D, Part X</i> . . . . .	<b>11f</b>	No
<b>12a</b>	Did the organization obtain separate, independent audited financial statements for the tax year? <i>If "Yes," complete Schedule D, Parts XI and XII</i> . . . . .	<b>12a</b>	No
<b>b</b>	Was the organization included in consolidated, independent audited financial statements for the tax year? <i>If "Yes," and if the organization answered "No" to line 12a, then completing Schedule D, Parts XI and XII is optional</i>	<b>12b</b>	No
<b>13</b>	Is the organization a school described in section 170(b)(1)(A)(ii)? <i>If "Yes," complete Schedule E</i> . . . . .	<b>13</b>	No
<b>14a</b>	Did the organization maintain an office, employees, or agents outside of the United States? . . . . .	<b>14a</b>	No
<b>b</b>	Did the organization have aggregate revenues or expenses of more than \$10,000 from grantmaking, fundraising, business, investment, and program service activities outside the United States, or aggregate foreign investments valued at \$100,000 or more? <i>If "Yes," complete Schedule F, Parts I and IV</i> . . . . .	<b>14b</b>	No
<b>15</b>	Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or other assistance to or for any foreign organization? <i>If "Yes," complete Schedule F, Parts II and IV</i>	<b>15</b>	No
<b>16</b>	Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or other assistance to or for foreign individuals? <i>If "Yes," complete Schedule F, Parts III and IV</i> . . . .	<b>16</b>	No
<b>17</b>	Did the organization report a total of more than \$15,000 of expenses for professional fundraising services on Part IX, column (A), lines 6 and 11e? <i>If "Yes," complete Schedule G, Part I</i> (see instructions) . . . . .	<b>17</b>	No
<b>18</b>	Did the organization report more than \$15,000 total of fundraising event gross income and contributions on Part VIII, lines 1c and 8a? <i>If "Yes," complete Schedule G, Part II</i> . . . . .	<b>18</b>	No
<b>19</b>	Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? <i>If "Yes," complete Schedule G, Part III</i> . . . . .	<b>19</b>	No
<b>20a</b>	Did the organization operate one or more hospital facilities? <i>If "Yes," complete Schedule H</i> . . . . .	<b>20a</b>	No
<b>b</b>	If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?	<b>20b</b>	

Part IV

Checklist of Required Schedules (continued)

21	Did the organization report more than \$5,000 of grants or other assistance to any domestic organization or domestic government on Part IX, column (A), line 1? <i>If "Yes," complete Schedule I, Parts I and II</i> . . . . .	21		No
22	Did the organization report more than \$5,000 of grants or other assistance to or for domestic individuals on Part IX, column (A), line 2? <i>If "Yes," complete Schedule I, Parts I and III</i> . . . . .	22		No
23	Did the organization answer "Yes" to Part VII, Section A, line 3, 4, or 5 about compensation of the organization's current and former officers, directors, trustees, key employees, and highest compensated employees? <i>If "Yes," complete Schedule J</i> . . . . .	23	Yes	
24a	Did the organization have a tax-exempt bond issue with an outstanding principal amount of more than \$100,000 as of the last day of the year, that was issued after December 31, 2002? <i>If "Yes," answer lines 24b through 24d and complete Schedule K. If "No," go to line 25a</i> . . . . .	24a		No
b	Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception? . . . .	24b		
c	Did the organization maintain an escrow account other than a refunding escrow at any time during the year to defease any tax-exempt bonds? . . . . .	24c		
d	Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year? . . . .	24d		
25a	<b>Section 501(c)(3), 501(c)(4), and 501(c)(29) organizations.</b> Did the organization engage in an excess benefit transaction with a disqualified person during the year? <i>If "Yes," complete Schedule L, Part I</i> . . . . .	25a		
b	Is the organization aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? <i>If "Yes," complete Schedule L, Part I</i> . . . . .	25b		
26	Did the organization report any amount on Part X, line 5, 6, or 22 for receivables from or payables to any current or former officers, directors, trustees, key employees, highest compensated employees, or disqualified persons? <i>If "Yes," complete Schedule L, Part II</i> . . . . .	26		No
27	Did the organization provide a grant or other assistance to an officer, director, trustee, key employee, substantial contributor or employee thereof, a grant selection committee member, or to a 35% controlled entity or family member of any of these persons? <i>If "Yes," complete Schedule L, Part III</i> . . . . .	27		No
28	Was the organization a party to a business transaction with one of the following parties (see Schedule L, Part IV instructions for applicable filing thresholds, conditions, and exceptions)			
a	A current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i> . . . . .	28a		No
b	A family member of a current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i> . . . . .	28b		No
c	An entity of which a current or former officer, director, trustee, or key employee (or a family member thereof) was an officer, director, trustee, or direct or indirect owner? <i>If "Yes," complete Schedule L, Part IV</i> . . . . .	28c		No
29	Did the organization receive more than \$25,000 in non-cash contributions? <i>If "Yes," complete Schedule M</i> . . . . .	29		No
30	Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? <i>If "Yes," complete Schedule M</i> . . . . .	30		No
31	Did the organization liquidate, terminate, or dissolve and cease operations? <i>If "Yes," complete Schedule N, Part I</i> . . . . .	31		No
32	Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? <i>If "Yes," complete Schedule N, Part II</i> . . . . .	32		No
33	Did the organization own 100% of an entity disregarded as separate from the organization under Regulations sections 301.7701-2 and 301.7701-3? <i>If "Yes," complete Schedule R, Part I</i> . . . . .	33		No
34	Was the organization related to any tax-exempt or taxable entity? <i>If "Yes," complete Schedule R, Part II, III, or IV, and Part V, line 1</i> . . . . .	34	Yes	
35a	Did the organization have a controlled entity within the meaning of section 512(b)(13)?	35a	Yes	
b	If 'Yes' to line 35a, did the organization receive any payment from or engage in any transaction with a controlled entity within the meaning of section 512(b)(13)? <i>If "Yes," complete Schedule R, Part V, line 2</i> . . . . .	35b		No
36	<b>Section 501(c)(3) organizations.</b> Did the organization make any transfers to an exempt non-charitable related organization? <i>If "Yes," complete Schedule R, Part V, line 2</i> . . . . .	36		
37	Did the organization conduct more than 5% of its activities through an entity that is not a related organization and that is treated as a partnership for federal income tax purposes? <i>If "Yes," complete Schedule R, Part VI</i> . . . . .	37		No
38	Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11b and 19? <b>Note.</b> All Form 990 filers are required to complete Schedule O . . . . .	38	Yes	

Part V

Statements Regarding Other IRS Filings and Tax Compliance

Check if Schedule O contains a response or note to any line in this Part V

		Yes	No
1a	Enter the number reported in Box 3 of Form 1096. Enter -0- if not applicable.		
1b	Enter the number of Forms W-2G included in line 1a. Enter -0- if not applicable.		
1c	Did the organization comply with backup withholding rules for reportable payments to vendors and reportable gaming (gambling) winnings to prize winners?	Yes	
2a	Enter the number of employees reported on Form W-3, Transmittal of Wage and Tax Statements, filed for the calendar year ending with or within the year covered by this return.		
2b	If at least one is reported on line 2a, did the organization file all required federal employment tax returns? <b>Note.</b> If the sum of lines 1a and 2a is greater than 250, you may be required to e-file (see instructions).	Yes	
3a	Did the organization have unrelated business gross income of \$1,000 or more during the year?		No
3b	If "Yes," has it filed a Form 990-T for this year? If "No" to line 3b, provide an explanation in Schedule O.		
4a	At any time during the calendar year, did the organization have an interest in, or a signature or other authority over, a financial account in a foreign country (such as a bank account, securities account, or other financial account)?		No
b	If "Yes," enter the name of the foreign country: See instructions for filing requirements for FinCEN Form 114, Report of Foreign Bank and Financial Accounts (FBAR).		
5a	Was the organization a party to a prohibited tax shelter transaction at any time during the tax year?		No
5b	Did any taxable party notify the organization that it was or is a party to a prohibited tax shelter transaction?		No
5c	If "Yes," to line 5a or 5b, did the organization file Form 8886-T?		
6a	Does the organization have annual gross receipts that are normally greater than \$100,000, and did the organization solicit any contributions that were not tax deductible as charitable contributions?	Yes	
6b	If "Yes," did the organization include with every solicitation an express statement that such contributions or gifts were not tax deductible?		No
7	<b>Organizations that may receive deductible contributions under section 170(c).</b>		
a	Did the organization receive a payment in excess of \$75 made partly as a contribution and partly for goods and services provided to the payor?		
7b	If "Yes," did the organization notify the donor of the value of the goods or services provided?		
7c	Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Form 8282?		
7d	If "Yes," indicate the number of Forms 8282 filed during the year.		
7e	Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?		
7f	Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract?		
7g	If the organization received a contribution of qualified intellectual property, did the organization file Form 8899 as required?		
7h	If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization file a Form 1098-C?		
8	<b>Sponsoring organizations maintaining donor advised funds.</b> Did a donor advised fund maintained by the sponsoring organization have excess business holdings at any time during the year?		
9a	Did the sponsoring organization make any taxable distributions under section 4966?		
9b	Did the sponsoring organization make a distribution to a donor, donor advisor, or related person?		
10	<b>Section 501(c)(7) organizations.</b> Enter		
10a	Initiation fees and capital contributions included on Part VIII, line 12.		
10b	Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities.		
11	<b>Section 501(c)(12) organizations.</b> Enter		
11a	Gross income from members or shareholders.		
11b	Gross income from other sources (Do not net amounts due or paid to other sources against amounts due or received from them).		
12a	<b>Section 4947(a)(1) non-exempt charitable trusts.</b> Is the organization filing Form 990 in lieu of Form 1041?		
12b	If "Yes," enter the amount of tax-exempt interest received or accrued during the year.		
13	<b>Section 501(c)(29) qualified nonprofit health insurance issuers.</b>		
13a	Is the organization licensed to issue qualified health plans in more than one state? <b>Note.</b> See the instructions for additional information the organization must report on Schedule O.		
13b	Enter the amount of reserves the organization is required to maintain by the states in which the organization is licensed to issue qualified health plans.		
13c	Enter the amount of reserves on hand.		
14a	Did the organization receive any payments for indoor tanning services during the tax year?		No
14b	If "Yes," has it filed a Form 720 to report these payments? If "No," provide an explanation in Schedule O.		

Part VI

Governance, Management, and Disclosure

For each "Yes" response to lines 2 through 7b below, and for a "No" response to lines 8a, 8b, or 10b below, describe the circumstances, processes, or changes in Schedule O. See instructions.

Check if Schedule O contains a response or note to any line in this Part VI

Section A. Governing Body and Management

		Yes	No
1a	Enter the number of voting members of the governing body at the end of the tax year . . . . .		
	If there are material differences in voting rights among members of the governing body, or if the governing body delegated broad authority to an executive committee or similar committee, explain in Schedule O		
1b	Enter the number of voting members included in line 1a, above, who are independent . . . . .		
2	Did any officer, director, trustee, or key employee have a family relationship or a business relationship with any other officer, director, trustee, or key employee? . . . . .	2	Yes
3	Did the organization delegate control over management duties customarily performed by or under the direct supervision of officers, directors or trustees, or key employees to a management company or other person? . . . . .	3	No
4	Did the organization make any significant changes to its governing documents since the prior Form 990 was filed? . . . . .	4	No
5	Did the organization become aware during the year of a significant diversion of the organization's assets? . . . . .	5	No
6	Did the organization have members or stockholders? . . . . .	6	Yes
7a	Did the organization have members, stockholders, or other persons who had the power to elect or appoint one or more members of the governing body? . . . . .	7a	Yes
7b	Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body? . . . . .	7b	No
8	Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following		
8a	a The governing body? . . . . .	8a	Yes
8b	b Each committee with authority to act on behalf of the governing body? . . . . .	8b	Yes
9	Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the organization's mailing address? If "Yes," provide the names and addresses in Schedule O . . . . .	9	No

Section B. Policies (This Section B requests information about policies not required by the Internal Revenue Code.)

		Yes	No
10a	Did the organization have local chapters, branches, or affiliates? . . . . .	10a	No
10b	b If "Yes," did the organization have written policies and procedures governing the activities of such chapters, affiliates, and branches to ensure their operations are consistent with the organization's exempt purposes?	10b	
11a	Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form? . . . . .	11a	No
12a	b Describe in Schedule O the process, if any, used by the organization to review this Form 990 . . . . .		
12a	Did the organization have a written conflict of interest policy? If "No," go to line 13 . . . . .	12a	Yes
12b	b Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts? . . . . .	12b	No
12c	c Did the organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," describe in Schedule O how this was done . . . . .	12c	Yes
13	Did the organization have a written whistleblower policy? . . . . .	13	No
14	Did the organization have a written document retention and destruction policy? . . . . .	14	No
15	Did the process for determining compensation of the following persons include a review and approval by independent persons, comparability data, and contemporaneous substantiation of the deliberation and decision?		
15a	a The organization's CEO, Executive Director, or top management official . . . . .	15a	No
15b	b Other officers or key employees of the organization . . . . .	15b	No
	If "Yes" to line 15a or 15b, describe the process in Schedule O (see instructions)		
16a	Did the organization invest in, contribute assets to, or participate in a joint venture or similar arrangement with a taxable entity during the year? . . . . .	16a	No
16b	b If "Yes," did the organization follow a written policy or procedure requiring the organization to evaluate its participation in joint venture arrangements under applicable federal tax law, and take steps to safeguard the organization's exempt status with respect to such arrangements? . . . . .	16b	

Section C. Disclosure

17 List the States with which a copy of this Form 990 is required to be filed

18 Section 6104 requires an organization to make its Form 1023 (or 1024 if applicable), 990, and 990-T (501(c) (3)s only) available for public inspection. Indicate how you made these available. Check all that apply.  
☐ Own website ☐ Another's website ☒ Upon request ☐ Other (explain in Schedule O)

19 Describe in Schedule O whether (and if so, how) the organization made its governing documents, conflict of interest policy, and financial statements available to the public during the tax year

20 State the name, address, and telephone number of the person who possesses the organization's books and records  
RYAN DOUGHERTY

Part VII

Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors

Check if Schedule O contains a response or note to any line in this Part VII

Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees

- 1a Complete this table for all persons required to be listed Report compensation for the calendar year ending with or within the organization's tax year
- List all of the organization's **current** officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation Enter -0- in columns (D), (E), and (F) if no compensation was paid

List all of the organization's **current** key employees, if any See instructions for definition of "key employee "

List the organization's five **current** highest compensated employees (other than an officer, director, trustee or key employee) who received reportable compensation (Box 5 of Form W-2 and/or Box 7 of Form 1099-MISC) of more than \$100,000 from the organization and any related organizations

List all of the organization's **former** officers, key employees, or highest compensated employees who received more than \$100,000 of reportable compensation from the organization and any related organizations

List all of the organization's **former directors or trustees** that received, in the capacity as a former director or trustee of the organization, more than \$10,000 of reportable compensation from the organization and any related organizations

List persons in the following order individual trustees or directors, institutional trustees, officers, key employees, highest compensated employees, and former such persons

☐ Check this box if neither the organization nor any related organization compensated any current officer, director, or trustee

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W- 2/1099-MISC)	(E) Reportable compensation from related organizations (W- 2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
(1) STEVE SMITH CHAIRMAN	1 00	X		X				0	0	0
(2) KEITH SWILLEY VICE CHAIRMAN	1 00	X		X				0	0	0
(3) PHIL SCHOEN SECRETARY/TREASURER	1 00	X		X				0	0	0
(4) DAN ELLIS DIRECTOR	1 00	X						0	0	0
(5) TOM HUNTINGTON DIRECTOR	1 00	X						0	0	0
(6) CHRIS MAYS DIRECTOR	1 00	X						0	0	0
(7) JOE PARSONS DIRECTOR	1 00	X						0	0	0
(8) DOUGLAS A DOUGHERTY PRESIDENT	40 00			X				267,646	0	0
(9) RYAN DOUGHERTY CHIEF OPER OFFICER (AS OF 07/2014)	40 00			X				43,200	0	0



## Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees (continued)

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			

<b>1b</b>	<b>Sub-Total . . . . .</b>			
<b>c</b>	<b>Total from continuation sheets to Part VII, Section A . . . . .</b>			
<b>d</b>	<b>Total (add lines 1b and 1c) . . . . .</b>	310,846	0	0

2 Total number of individuals (including but not limited to those listed above) who received more than \$100,000 of reportable compensation from the organization ►1

		Yes	No
<b>3</b>	Did the organization list any <b>former</b> officer, director or trustee, key employee, or highest compensated employee on line 1a? <i>If "Yes," complete Schedule J for such individual</i> . . . . .	<b>3</b>	No
<b>4</b>	For any individual listed on line 1a, is the sum of reportable compensation and other compensation from the organization and related organizations greater than \$150,000? <i>If "Yes," complete Schedule J for such individual</i> . . . . .	<b>4</b>	Yes
<b>5</b>	Did any person listed on line 1a receive or accrue compensation from any unrelated organization or individual for services rendered to the organization? <i>If "Yes," complete Schedule J for such person</i> . . . . .	<b>5</b>	No

## Section B. Independent Contractors

**1** Complete this table for your five highest compensated independent contractors that received more than \$100,000 of compensation from the organization. Report compensation for the calendar year ending with or within the organization's tax year.

(A) Name and business address	(B) Description of services	(C) Compensation
BRACEWELL AND GUILIANI LLP PO BOX 848566 DALLAS, TX 752848566	GOVERNMENT RELATIONS PROF SERVICES	180,000
TED CLUTTER 1040 WASHINGTON STREET CLARKSTON, WA 99403	MARKETING CONSULTANT	120,000

2 Total number of independent contractors (including but not limited to those listed above) who received more than \$100,000 of compensation from the organization ►2

Part VIII

Statement of Revenue

Check if Schedule O contains a response or note to any line in this Part VIII

			(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512-514	
Contributions, Gifts, Grants and Other Similar Amounts	1a	Federated campaigns . . . . .	1a				
	b	Membership dues . . . . .	1b				
	c	Fundraising events . . . . .	1c				
	d	Related organizations . . . . .	1d				
	e	Government grants (contributions)	1e				
	f	All other contributions, gifts, grants, and similar amounts not included above	1f				
	g	Noncash contributions included in lines 1a-1f \$					
	h	Total. Add lines 1a-1f . . . . .					
Program Service Revenue	2a	MEMBERSHIP DUES	Business Code 900099	1,013,350	1,013,350		
	b						
	c						
	d						
	e						
	f	All other program service revenue					
	g	Total. Add lines 2a-2f . . . . .		1,013,350			
	Other Revenue	3	Investment income (including dividends, interest, and other similar amounts) . . . . .	4			4
4		Income from investment of tax-exempt bond proceeds . . . . .					
5		Royalties . . . . .					
6a		Gross rents	(i) Real	(ii) Personal			
		b	Less rental expenses				
		c	Rental income or (loss)				
		d	Net rental income or (loss) . . . . .				
7a		Gross amount from sales of assets other than inventory	(i) Securities	(ii) Other			
		b	Less cost or other basis and sales expenses				
		c	Gain or (loss)				
		d	Net gain or (loss) . . . . .				
8a		Gross income from fundraising events (not including \$ _____ of contributions reported on line 1c) See Part IV, line 18 . . . . .	a				
		b	Less direct expenses . . . . .	b			
		c	Net income or (loss) from fundraising events . . . . .				
9a		Gross income from gaming activities See Part IV, line 19 . . . . .	a				
		b	Less direct expenses . . . . .	b			
		c	Net income or (loss) from gaming activities . . . . .				
10a		Gross sales of inventory, less returns and allowances . . . . .	a				
		b	Less cost of goods sold . . . . .	b			
		c	Net income or (loss) from sales of inventory . . . . .				
Miscellaneous Revenue		Business Code					
11a	MISCELLANEOUS INCOME	900099	4			4	
b							
c							
d	All other revenue . . . . .						
e	Total. Add lines 11a-11d . . . . .		4				
12	Total revenue. See Instructions . . . . .		1,013,358	1,013,350	0	8	

Part IX

Statement of Functional Expenses

Section 501(c)(3) and 501(c)(4) organizations must complete all columns All other organizations must complete column (A)

Check if Schedule O contains a response or note to any line in this Part IX

☒

Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.		(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
1	Grants and other assistance to domestic organizations and domestic governments See Part IV, line 21 . . . . .	6,000			
2	Grants and other assistance to domestic individuals See Part IV, line 22 . . . . .				
3	Grants and other assistance to foreign organizations, foreign governments, and foreign individuals See Part IV, lines 15 and 16 . . . . .				
4	Benefits paid to or for members . . . . .				
5	Compensation of current officers, directors, trustees, and key employees . . . . .	310,846			
6	Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B) . . . . .				
7	Other salaries and wages . . . . .				
8	Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions) . . . . .				
9	Other employee benefits . . . . .				
10	Payroll taxes . . . . .	14,667			
11	Fees for services (non-employees)				
a	Management . . . . .				
b	Legal . . . . .	5,200			
c	Accounting . . . . .	30,466			
d	Lobbying . . . . .	180,000			
e	Professional fundraising services See Part IV, line 17				
f	Investment management fees . . . . .				
g	Other (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O) . . . . .	246,680			
12	Advertising and promotion . . . . .	5,371			
13	Office expenses . . . . .	8,991			
14	Information technology . . . . .	15,333			
15	Royalties . . . . .				
16	Occupancy . . . . .	7,293			
17	Travel . . . . .	36,961			
18	Payments of travel or entertainment expenses for any federal, state, or local public officials . . . . .				
19	Conferences, conventions, and meetings . . . . .	22,865			
20	Interest . . . . .				
21	Payments to affiliates . . . . .				
22	Depreciation, depletion, and amortization . . . . .				
23	Insurance . . . . .	3,472			
24	Other expenses Itemize expenses not covered above (List miscellaneous expenses in line 24e If line 24e amount exceeds 10% of line 25, column (A) amount, list line 24e expenses on Schedule O )				
a	LOBBYING PROXY TAX	68,965			
b	MEMBERSHIP/SUBS	4,694			
c	MISCELLANEOUS	658			
d					
e	All other expenses				
25	Total functional expenses. Add lines 1 through 24e	968,462			
26	Joint costs. Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation Check here <input type="checkbox"/> if following SOP 98-2 (ASC 958-720)				

Part X

Balance Sheet

Check if Schedule O contains a response or note to any line in this Part X

					(A) Beginning of year		(B) End of year
Assets	1	Cash—non-interest-bearing			12,030	1	88,581
	2	Savings and temporary cash investments			303,321	2	272,125
	3	Pledges and grants receivable, net				3	
	4	Accounts receivable, net			34,050	4	0
	5	Loans and other receivables from current and former officers, directors, trustees, key employees, and highest compensated employees. Complete Part II of Schedule L.				5	
	6	Loans and other receivables from other disqualified persons (as defined under section 4958(f)(1)), persons described in section 4958(c)(3)(B), and contributing employers and sponsoring organizations of section 501(c)(9) voluntary employees' beneficiary organizations (see instructions). Complete Part II of Schedule L.				6	
	7	Notes and loans receivable, net				7	
	8	Inventories for sale or use				8	
	9	Prepaid expenses and deferred charges			27,601	9	16,325
	10a	Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D.	10a				
	b	Less: accumulated depreciation	10b			10c	
	11	Investments—publicly traded securities				11	
	12	Investments—other securities. See Part IV, line 11.				12	
	13	Investments—program-related. See Part IV, line 11.				13	
	14	Intangible assets				14	
	15	Other assets. See Part IV, line 11.			450	15	450
	16	<b>Total assets.</b> Add lines 1 through 15 (must equal line 34).			377,452	16	377,481
Liabilities	17	Accounts payable and accrued expenses			139,712	17	99,595
	18	Grants payable				18	
	19	Deferred revenue			4,750	19	0
	20	Tax-exempt bond liabilities				20	
	21	Escrow or custodial account liability. Complete Part IV of Schedule D.				21	
	22	Loans and other payables to current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons. Complete Part II of Schedule L.				22	
	23	Secured mortgages and notes payable to unrelated third parties				23	
	24	Unsecured notes and loans payable to unrelated third parties				24	
	25	Other liabilities (including federal income tax, payables to related third parties, and other liabilities not included on lines 17–24). Complete Part X of Schedule D.				25	
	26	<b>Total liabilities.</b> Add lines 17 through 25.			144,462	26	99,595
Net Assets or Fund Balances	<b>Organizations that follow SFAS 117 (ASC 958), check here</b> <input checked="" type="checkbox"/> <b>and complete lines 27 through 29, and lines 33 and 34.</b>						
	27	Unrestricted net assets			232,990	27	277,886
	28	Temporarily restricted net assets				28	
	29	Permanently restricted net assets				29	
	<b>Organizations that do not follow SFAS 117 (ASC 958), check here</b> <input type="checkbox"/> <b>and complete lines 30 through 34.</b>						
	30	Capital stock or trust principal, or current funds				30	
	31	Paid-in or capital surplus, or land, building or equipment fund				31	
	32	Retained earnings, endowment, accumulated income, or other funds				32	
	33	<b>Total net assets or fund balances</b>			232,990	33	277,886
	34	<b>Total liabilities and net assets/fund balances</b>			377,452	34	377,481

Part XI Reconciliation of Net Assets

Check if Schedule O contains a response or note to any line in this Part XI . . . . .

1	Total revenue (must equal Part VIII, column (A), line 12) . . . . .	1	1,013,358
2	Total expenses (must equal Part IX, column (A), line 25) . . . . .	2	968,462
3	Revenue less expenses Subtract line 2 from line 1 . . . . .	3	44,896
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A)) . . . . .	4	232,990
5	Net unrealized gains (losses) on investments . . . . .	5	
6	Donated services and use of facilities . . . . .	6	
7	Investment expenses . . . . .	7	
8	Prior period adjustments . . . . .	8	
9	Other changes in net assets or fund balances (explain in Schedule O) . . . . .	9	0
10	Net assets or fund balances at end of year Combine lines 3 through 9 (must equal Part X, line 33, column (B))	10	277,886

Part XII Financial Statements and Reporting

Check if Schedule O contains a response or note to any line in this Part XII . . . . .

		Yes	No
1	Accounting method used to prepare the Form 990 <input type="checkbox"/> Cash <input checked="" type="checkbox"/> Accrual <input type="checkbox"/> Other _____ If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule O		
2a	Were the organization's financial statements compiled or reviewed by an independent accountant? If "Yes," check a box below to indicate whether the financial statements for the year were compiled or reviewed on a separate basis, consolidated basis, or both <input type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis		No
2b	Were the organization's financial statements audited by an independent accountant? If "Yes," check a box below to indicate whether the financial statements for the year were audited on a separate basis, consolidated basis, or both <input type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis		No
2c	If "Yes," to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant? If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O		
3a	As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Single Audit Act and OMB Circular A-133? . . . . .		No
3b	If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why in Schedule O and describe any steps taken to undergo such audits		

Additional Data

Software ID:  
Software Version:  
EIN: 52-1905415  
Name: GEOTHERMAL HEAT PUMP CONSORTIUM

Form 990, Part III - Line 4c: Program Service Accomplishments (See the Instructions)

(Code	) (Expenses \$	including grants of \$	) (Revenue \$	)
DESIGNED A LARGE ARRAY OF PUBLIC AWARENESS EDUCATION MATERIAL FOR DISTRIBUTION, AS WELL AS A COMPREHENSIVE WEB SITE TO PROVIDE THE PUBLIC WITH INFORMATION ABOUT THE TECHNOLOGY				

SCHEDULE C

(Form 990 or 990-EZ)

Department of the Treasury

Internal Revenue Service

Political Campaign and Lobbying Activities

For Organizations Exempt From Income Tax Under section 501(c) and section 527

▶ **Complete if the organization is described below. ▶ Attach to Form 990 or Form 990-EZ.**

▶ **Information about Schedule C (Form 990 or 990-EZ) and its instructions is at**

***www.irs.gov/form990.***

OMB No 1545-0047

2014

Open to Public Inspection

If the organization answered "Yes" to Form 990, Part IV, Line 3, or Form 990-EZ, Part V, line 46 (Political Campaign Activities), then

- Section 501(c)(3) organizations Complete Parts I-A and B Do not complete Part I-C
- Section 501(c) (other than section 501(c)(3)) organizations Complete Parts I-A and C below Do not complete Part I-B
- Section 527 organizations Complete Part I-A only

If the organization answered "Yes" to Form 990, Part IV, Line 4, or Form 990-EZ, Part VI, line 47 (Lobbying Activities), then

- Section 501(c)(3) organizations that have filed Form 5768 (election under section 501(h)) Complete Part II-A Do not complete Part II-B
- Section 501(c)(3) organizations that have NOT filed Form 5768 (election under section 501(h)) Complete Part II-B Do not complete Part II-A

If the organization answered "Yes" to Form 990, Part IV, Line 5 (Proxy Tax) (see separate instructions) or Form 990-EZ, Part V, line 35c (Proxy Tax) (see separate instructions), then

- Section 501(c)(4), (5), or (6) organizations Complete Part III

Name of the organization GEOTHERMAL HEAT PUMP CONSORTIUM	Employer identification number 52-1905415
---	--

Part I-A Complete if the organization is exempt under section 501(c) or is a section 527 organization.

1	Provide a description of the organization's direct and indirect political campaign activities in Part IV	
2	Political expenditures	▶ \$
3	Volunteer hours	

Part I-B Complete if the organization is exempt under section 501(c)(3).

1	Enter the amount of any excise tax incurred by the organization under section 4955	▶ \$
2	Enter the amount of any excise tax incurred by organization managers under section 4955	▶ \$
3	If the organization incurred a section 4955 tax, did it file Form 4720 for this year?	<input type="checkbox"/> Yes <input type="checkbox"/> No
4a	Was a correction made?	<input type="checkbox"/> Yes <input type="checkbox"/> No
b	If "Yes," describe in Part IV	

Part I-C Complete if the organization is exempt under section 501(c), except section 501(c)(3).

1	Enter the amount directly expended by the filing organization for section 527 exempt function activities	▶ \$
2	Enter the amount of the filing organization's funds contributed to other organizations for section 527 exempt function activities	▶ \$
3	Total exempt function expenditures Add lines 1 and 2 Enter here and on Form 1120-POL, line 17b	▶ \$
4	Did the filing organization file <b>Form 1120-POL</b> for this year?	<input type="checkbox"/> Yes <input type="checkbox"/> No
5	Enter the names, addresses and employer identification number (EIN) of all section 527 political organizations to which the filing organization made payments For each organization listed, enter the amount paid from the filing organization's funds Also enter the amount of political contributions received that were promptly and directly delivered to a separate political organization, such as a separate segregated fund or a political action committee (PAC) If additional space is needed, provide information in Part IV	

(a) Name	(b) Address	(c) EIN	(d) Amount paid from filing organization's funds If none, enter -0-	(e) Amount of political contributions received and promptly and directly delivered to a separate political organization If none, enter -0-

Part II-A

Complete if the organization is exempt under section 501(c)(3) and filed Form 5768 (election under section 501(h)).

- A
- Check ☐ if the filing organization belongs to an affiliated group (and list in Part IV each affiliated group member's name, address, EIN, expenses, and share of excess lobbying expenditures)
- B
- Check ☐ if the filing organization checked box A and "limited control" provisions apply

Limits on Lobbying Expenditures (The term "expenditures" means amounts paid or incurred.)		(a) Filing organization's totals	(b) Affiliated group totals												
1a Total lobbying expenditures to influence public opinion (grass roots lobbying)															
b Total lobbying expenditures to influence a legislative body (direct lobbying)															
c Total lobbying expenditures (add lines 1a and 1b)															
d Other exempt purpose expenditures															
e Total exempt purpose expenditures (add lines 1c and 1d)															
f Lobbying nontaxable amount Enter the amount from the following table in both columns															
<table><tr><td>If the amount on line 1e, column (a) or (b) is:</td><td>The lobbying nontaxable amount is:</td></tr><tr><td>Not over \$500,000</td><td>20% of the amount on line 1e</td></tr><tr><td>Over \$500,000 but not over \$1,000,000</td><td>\$100,000 plus 15% of the excess over \$500,000</td></tr><tr><td>Over \$1,000,000 but not over \$1,500,000</td><td>\$175,000 plus 10% of the excess over \$1,000,000</td></tr><tr><td>Over \$1,500,000 but not over \$17,000,000</td><td>\$225,000 plus 5% of the excess over \$1,500,000</td></tr><tr><td>Over \$17,000,000</td><td>\$1,000,000</td></tr></table>		If the amount on line 1e, column (a) or (b) is:	The lobbying nontaxable amount is:	Not over \$500,000	20% of the amount on line 1e	Over \$500,000 but not over \$1,000,000	\$100,000 plus 15% of the excess over \$500,000	Over \$1,000,000 but not over \$1,500,000	\$175,000 plus 10% of the excess over \$1,000,000	Over \$1,500,000 but not over \$17,000,000	\$225,000 plus 5% of the excess over \$1,500,000	Over \$17,000,000	\$1,000,000		
If the amount on line 1e, column (a) or (b) is:	The lobbying nontaxable amount is:														
Not over \$500,000	20% of the amount on line 1e														
Over \$500,000 but not over \$1,000,000	\$100,000 plus 15% of the excess over \$500,000														
Over \$1,000,000 but not over \$1,500,000	\$175,000 plus 10% of the excess over \$1,000,000														
Over \$1,500,000 but not over \$17,000,000	\$225,000 plus 5% of the excess over \$1,500,000														
Over \$17,000,000	\$1,000,000														
g Grassroots nontaxable amount (enter 25% of line 1f)															
h Subtract line 1g from line 1a If zero or less, enter -0-															
i Subtract line 1f from line 1c If zero or less, enter -0-															
j If there is an amount other than zero on either line 1h or line 1i, did the organization file Form 4720 reporting section 4911 tax for this year?		<input type="checkbox"/> Yes <input type="checkbox"/> No													

4-Year Averaging Period Under section 501(h)  
(Some organizations that made a section 501(h) election do not have to complete all of the five columns below. See the separate instructions for lines 2a through 2f.)

Lobbying Expenditures During 4-Year Averaging Period					
Calendar year (or fiscal year beginning in)	(a) 2011	(b) 2012	(c) 2013	(d) 2014	(e) Total
2a Lobbying nontaxable amount					
b Lobbying ceiling amount (150% of line 2a, column(e))					
c Total lobbying expenditures					
d Grassroots nontaxable amount					
e Grassroots ceiling amount (150% of line 2d, column (e))					
f Grassroots lobbying expenditures					



Part II-B

Complete if the organization is exempt under section 501(c)(3) and has NOT filed Form 5768 (election under section 501(h)).

For each "Yes" response to lines 1a through 1i below, provide in Part IV a detailed description of the lobbying activity.		(a)		(b)
		Yes	No	Amount
1	During the year, did the filing organization attempt to influence foreign, national, state or local legislation, including any attempt to influence public opinion on a legislative matter or referendum, through the use of			
a	Volunteers?			
b	Paid staff or management (include compensation in expenses reported on lines 1c through 1i)?			
c	Media advertisements?			
d	Mailings to members, legislators, or the public?			
e	Publications, or published or broadcast statements?			
f	Grants to other organizations for lobbying purposes?			
g	Direct contact with legislators, their staffs, government officials, or a legislative body?			
h	Rallies, demonstrations, seminars, conventions, speeches, lectures, or any similar means?			
i	Other activities?			
j	Total. Add lines 1c through 1i.			
2a	Did the activities in line 1 cause the organization to be not described in section 501(c)(3)?			
b	If "Yes," enter the amount of any tax incurred under section 4912.			
c	If "Yes," enter the amount of any tax incurred by organization managers under section 4912.			
d	If the filing organization incurred a section 4912 tax, did it file Form 4720 for this year?			

Part III-A

Complete if the organization is exempt under section 501(c)(4), section 501(c)(5), or section 501(c)(6).

		Yes	No
1	Were substantially all (90% or more) dues received nondeductible by members?	1	No
2	Did the organization make only in-house lobbying expenditures of \$2,000 or less?	2	No
3	Did the organization agree to carry over lobbying and political expenditures from the prior year?	3	No

Part III-B

Complete if the organization is exempt under section 501(c)(4), section 501(c)(5), or section 501(c)(6) and if either (a) BOTH Part III-A, lines 1 and 2, are answered "No" OR (b) Part III-A, line 3, is answered "Yes."

1	Dues, assessments and similar amounts from members	1	1,013,350
2	Section 162(e) nondeductible lobbying and political expenditures (do not include amounts of political expenses for which the section 527(f) tax was paid).		
a	Current year	2a	197,043
b	Carryover from last year	2b	
c	Total	2c	197,043
3	Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues	3	
4	If notices were sent and the amount on line 2c exceeds the amount on line 3, what portion of the excess does the organization agree to carryover to the reasonable estimate of nondeductible lobbying and political expenditure next year?	4	
5	Taxable amount of lobbying and political expenditures (see instructions)	5	197,043

Part IV

Supplemental Information

Provide the descriptions required for Part I-A, line 1, Part I-B, line 4, Part I-C, line 5, Part II-A (affiliated group list), Part II-A, lines 1 and 2 (see instructions), and Part II-B, line 1. Also, complete this part for any additional information.

Return Reference	Explanation

[illegible]

Schedule J  
(Form 990)

Department of the Treasury  
Internal Revenue Service

Compensation Information

For certain Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees

▶ Complete if the organization answered "Yes" to Form 990, Part IV, line 23.  
▶ Attach to Form 990.

▶ Information about Schedule J (Form 990) and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990).

OMB No 1545-0047

2014

Open to Public Inspection

Name of the organization  
GEOTHERMAL HEAT PUMP CONSORTIUM

Employer identification number  
52-1905415

Part I

Questions Regarding Compensation

	Yes	No
<div><div>1a</div><div>Check the appropriate box(es) if the organization provided any of the following to or for a person listed in Form 990, Part VII, Section A, line 1a Complete Part III to provide any relevant information regarding these items</div><div><div><div><input type="checkbox"/> First-class or charter travel</div><div><input type="checkbox"/> Travel for companions</div><div><input type="checkbox"/> Tax idemnification and gross-up payments</div><div><input type="checkbox"/> Discretionary spending account</div></div><div><div><input type="checkbox"/> Housing allowance or residence for personal use</div><div><input type="checkbox"/> Payments for business use of personal residence</div><div><input type="checkbox"/> Health or social club dues or initiation fees</div><div><input type="checkbox"/> Personal services (e g , maid, chauffeur, chef)</div></div></div></div>		
<div><div>b</div><div>If any of the boxes in line 1a are checked, did the organization follow a written policy regarding payment or reimbursement or provision of all of the expenses described above? If "No," complete Part III to explain</div></div>	1b	
<div><div>2</div><div>Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all directors, trustees, officers, including the CEO/Executive Director, regarding the items checked in line 1a?</div></div>	2	
<div><div>3</div><div>Indicate which, if any, of the following the filing organization used to establish the compensation of the organization's CEO/Executive Director Check all that apply Do not check any boxes for methods used by a related organization to establish compensation of the CEO/Executive Director, but explain in Part III</div><div><div><div><input type="checkbox"/> Compensation committee</div><div><input type="checkbox"/> Independent compensation consultant</div><div><input type="checkbox"/> Form 990 of other organizations</div></div><div><div><input type="checkbox"/> Written employment contract</div><div><input type="checkbox"/> Compensation survey or study</div><div><input checked="" type="checkbox"/> Approval by the board or compensation committee</div></div></div></div>		
<div><div>4</div><div>During the year, did any person listed in Form 990, Part VII, Section A, line 1a with respect to the filing organization or a related organization</div></div>		
<div><div>a</div><div>Receive a severance payment or change-of-control payment?</div></div>	4a	No
<div><div>b</div><div>Participate in, or receive payment from, a supplemental nonqualified retirement plan?</div></div>	4b	No
<div><div>c</div><div>Participate in, or receive payment from, an equity-based compensation arrangement?</div></div> <div>If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III</div>	4c	No
<div><div></div><div>Only 501(c)(3), 501(c)(4), and 501(c)(29) organizations must complete lines 5-9.</div></div>		
<div><div>5</div><div>For persons listed in Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the revenues of</div></div>		
<div><div>a</div><div>The organization?</div></div>	5a	
<div><div>b</div><div>Any related organization?</div></div> <div>If "Yes," to line 5a or 5b, describe in Part III</div>	5b	
<div><div>6</div><div>For persons listed in Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the net earnings of</div></div>		
<div><div>a</div><div>The organization?</div></div>	6a	
<div><div>b</div><div>Any related organization?</div></div> <div>If "Yes," to line 6a or 6b, describe in Part III</div>	6b	
<div><div>7</div><div>For persons listed in Form 990, Part VII, Section A, line 1a, did the organization provide any non-fixed payments not described in lines 5 and 6? If "Yes," describe in Part III</div></div>	7	
<div><div>8</div><div>Were any amounts reported in Form 990, Part VII, paid or accrued pursuant to a contract that was subject to the initial contract exception described in Regulations section 53 4958-4(a)(3)? If "Yes," describe in Part III</div></div>	8	
<div><div>9</div><div>If "Yes" to line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53 4958-6(c)?</div></div>	9	

**Part II Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees.** Use duplicate copies if additional space is needed.

For each individual whose compensation must be reported in Schedule J, report compensation from the organization on row (i) and from related organizations, described in the instructions, on row (ii) Do not list any individuals that are not listed on Form 990, Part VII

**Note.** The sum of columns (B)(i)-(iii) for each listed individual must equal the total amount of Form 990, Part VII, Section A, line 1a, applicable column (D) and (E) amounts for that individual

(A) Name and Title		(B) Breakdown of W-2 and/or 1099-MISC compensation			(C) Retirement and other deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation in column(B) reported as deferred in prior Form 990
		(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation				
1 DOUGLAS A DOUGHERTY, PRESIDENT	(i)	267,646	0	0	0	0	267,646	0
	(ii)	..... 0	..... 0	..... 0	..... 0	..... 0	..... 0	..... 0

**Part III**   **Supplemental Information**

Provide the information, explanation, or descriptions required for Part I, lines 1a, 1b, 3, 4a, 4b, 4c, 5a, 5b, 6a, 6b, 7, and 8, and for Part II. Also complete this part for any additional information.

Return Reference	Explanation
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SCHEDULE O

(Form 990 or 990-EZ)

Department of the Treasury

Internal Revenue Service

Supplemental Information to Form 990 or 990-EZ

Complete to provide information for responses to specific questions on

Form 990 or 990-EZ or to provide any additional information.

▶ Attach to Form 990 or 990-EZ.

▶ Information about Schedule O (Form 990 or 990-EZ) and its instructions is at

www.irs.gov/form990.

OMB No 1545-0047

2014

Open to Public Inspection

Name of the organization GEOTHERMAL HEAT PUMP CONSORTIUM	Employer identification number  52-1905415
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990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VI, SECTION A, LINE 2	RYAN DOUGHERTY , WHO SERVES AS CHIEF OPERATING OFFICER, IS THE SON OF DOUGLAS A DOUGHERTY , WHO SERVES AS PRESIDENT
FORM 990, PART VI, SECTION A, LINE 6	THE ORGANIZATION SHALL HAVE TWO CLASSES OF MEMBERS VOTING MEMBERS AND NONVOTING MEMBERS MEMBERSHIP IN THE CORPORATION SHALL BE AVAILABLE TO ALL INTERESTED INDIVIDUALS, COMPANIES, BUSINESSES, ORGANIZATIONS AND/OR ENTITIES IN EITHER THE PRIVATE OR PUBLIC SECTORS
FORM 990, PART VI, SECTION A, LINE 7A	THE BOARD OF DIRECTORS SHALL BE ELECTED BY THE INCUMBENT BOARD OF DIRECTORS FROM MEMBERS IN GOOD STANDING
FORM 990, PART VI, SECTION B, LINE 11	ORGANIZATIONAL OPERATIONS PERSONNEL PREPARE RELEVANT INFORMATION FOR THE ORGANIZATION'S AC COUNTING FIRM, WHICH USES THE INFORMATION TO DRAFT THE FEDERAL FORM 990 THE FEDERAL FORM 990 IS REVIEWED BY THE ORGANIZATION'S MANAGEMENT AND SUBMITTED TO THE INTERNAL REVENUE SER VICE
FORM 990, PART VI, SECTION B, LINE 12C	THE ORGANIZATION'S STAFF REVIEWS EVERY CONTRACT EXECUTED AND EVERY INVOICE PROCESSED FOR P AYMENT, IN ORDER TO IDENTIFY ANY TRANSACTION THAT MAY SUGGEST AN ACTUAL OR POTENTIAL CONFL ICT OF INTEREST ANY QUESTION ARISING OUT OF SUCH REVIEW IS DOCUMENTED BY STAFF AND REFERR ED TO THE PRESIDENT OR BOARD OF DIRECTORS AS APPROPRIATE FOR FURTHER REVIEW AND FOLLOW-UP IN ADDITION, ANY SUCH TRANSACTIONS UNDERTAKEN IN CONJUNCTION WITH FEDERAL FUNDING ARE REV IEWED TO ASSURE COMPLIANCE WITH THE CODE OF FEDERAL REGULATIONS
FORM 990, PART VI, SECTION B, LINE 15	THE BOARD OF DIRECTORS AUTHORIZES A COMPENSATION RANGE BASED ON INDUSTRY EXPERIENCE AND EX PERTISE AND EMPOWERS THE CHAIRMAN OF THE BOARD OF DIRECTORS TO NEGOTIATE APPROPRIATE COMPE NSATION FOR APPLICABLE EMPLOYEES
FORM 990, PART VI, SECTION C, LINE 19	ORGANIZATIONAL DOCUMENTS AND THE FINANCIAL STATEMENTS ARE MADE AVAILABLE TO THE PUBLIC UPON REQUEST
FORM 990, PART IX, LINE 11G	GOVERNMENT AFFAIRS 5,000 MEMBERSHIP SERVICES 125,500 RESEARCH 53,838 OTHER CONSULTING 60,535 PAYROLL PROCESSING FEES 1,807

SCHEDULE R  
(Form 990)

Department of the Treasury  
Internal Revenue Service

Related Organizations and Unrelated Partnerships

▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 33, 34, 35b, 36, or 37.  
▶ Attach to Form 990.

▶ Information about Schedule R (Form 990) and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990).

OMB No 1545-0047

2014

Open to Public Inspection

Name of the organization  
GEOTHERMAL HEAT PUMP CONSORTIUM

Employer identification number  
52-1905415

Part I Identification of Disregarded Entities Complete if the organization answered "Yes" on Form 990, Part IV, line 33.					
(a) Name, address, and EIN (if applicable) of disregarded entity	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Total income	(e) End-of-year assets	(f) Direct controlling entity

Part II Identification of Related Tax-Exempt Organizations Complete if the organization answered "Yes" on Form 990, Part IV, line 34 because it had one or more related tax-exempt organizations during the tax year.							
(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Exempt Code section	(e) Public charity status (if section 501(c)(3))	(f) Direct controlling entity	(g) Section 512(b)(13) controlled entity?	
						Yes	No
(1) GEOEXCHANGE INFORMATION BUREAU INC 1050 CONNECTICUT AVENUE NW STE 1000  WASHINGTON, DC 200365334 52-2133169	EDUCATIONAL	VA	501(C)(3)	LINE 11A, I	GHPC	Yes	

Part III

Identification of Related Organizations Taxable as a Partnership

Complete if the organization answered "Yes" on Form 990, Part IV, line 34 because it had one or more related organizations treated as a partnership during the tax year.

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Direct controlling entity	(e) Predominant income(related, unrelated, excluded from tax under sections 512- 514)	(f) Share of total income	(g) Share of end-of-year assets	(h) Disproporionate allocations?		(i) Code V-UBI amount in box 20 of Schedule K-1 (Form 1065)	(j) General or managing partner?		(k) Percentage ownership
							Yes	No		Yes	No	

Part IV

Identification of Related Organizations Taxable as a Corporation or Trust

Complete if the organization answered "Yes" on Form 990, Part IV, line 34 because it had one or more related organizations treated as a corporation or trust during the tax year.

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Direct controlling entity	(e) Type of entity (C corp, S corp, or trust)	(f) Share of total income	(g) Share of end- of-year assets	(h) Percentage ownership	(i) Section 512 (b)(13) controlled entity?	
								Yes	No



Part V

Transactions With Related Organizations

Complete if the organization answered "Yes" on Form 990, Part IV, line 34, 35b, or 36.

Note. Complete line 1 if any entity is listed in Parts II, III, or IV of this schedule

1 During the tax year, did the organization engage in any of the following transactions with one or more related organizations listed in Parts II-IV?

a Receipt of (i) interest, (ii) annuities, (iii) royalties, or (iv) rent from a controlled entity

b Gift, grant, or capital contribution to related organization(s)

c Gift, grant, or capital contribution from related organization(s)

d Loans or loan guarantees to or for related organization(s)

e Loans or loan guarantees by related organization(s)

f Dividends from related organization(s)

g Sale of assets to related organization(s)

h Purchase of assets from related organization(s)

i Exchange of assets with related organization(s)

j Lease of facilities, equipment, or other assets to related organization(s)

k Lease of facilities, equipment, or other assets from related organization(s)

l Performance of services or membership or fundraising solicitations for related organization(s)

m Performance of services or membership or fundraising solicitations by related organization(s)

n Sharing of facilities, equipment, mailing lists, or other assets with related organization(s)

o Sharing of paid employees with related organization(s)

p Reimbursement paid to related organization(s) for expenses

q Reimbursement paid by related organization(s) for expenses

r Other transfer of cash or property to related organization(s)

s Other transfer of cash or property from related organization(s)

Yes

No

1a

No

1b

No

1c

No

1d

No

1e

No

1f

No

1g

No

1h

No

1i

No

1j

No

1k

No

1l

No

1m

No

1n

No

1o

No

1p

No

1q

No

1r

No

1s

No

2 If the answer to any of the above is "Yes," see the instructions for information on who must complete this line, including covered relationships and transaction thresholds

(a) Name of related organization	(b) Transaction type (a-s)	(c) Amount involved	(d) Method of determining amount involved

Schedule R (Form 990) 2014

**Part VI** **Unrelated Organizations Taxable as a Partnership** Complete if the organization answered "Yes" on Form 990, Part IV, line 37.  
Provide the following information for each entity taxed as a partnership through which the organization conducted more than five percent of its activities (measured by total assets or gross revenue) that was not a related organization See instructions regarding exclusion for certain investment partnerships

(a) Name, address, and EIN of entity	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Predominant income (related, unrelated, excluded from tax under sections 512-514)	(e) Are all partners section 501(c)(3) organizations?		(f) Share of total income	(g) Share of end-of-year assets	(h) Disproportionate allocations?		(i) Code V-UBI amount in box 20 of Schedule K-1 (Form 1065)	(j) General or managing partner?		(k) Percentage ownership
				Yes	No			Yes	No		Yes	No	

**Part VII**   **Supplemental Information**

Provide additional information for responses to questions on Schedule R (see instructions)

Return Reference	Explanation
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