

efile GRAPHIC print - DO NOT PROCESS

As Filed Data -

DLN: 93493196007490

Form 990

Return of Organization Exempt From Income Tax

OMB No. 1545-0047

2018

Open to Public Inspection

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.

Go to www.irs.gov/Form990 for instructions and the latest information.

A For the 2019 calendar year, or tax year beginning 10-01-2018 , and ending 09-30-2019

B Check if applicable:
☐ Address change
☐ Name change
☐ Initial return
☐ Final return/terminated
☐ Amended return
☐ Application pending

C Name of organization
ALLIANCE FOR SUSTAINABLE ENERGY LLC

Doing business as

Number and street (or P.O. box if mail is not delivered to street address) Room/suite
15013 DENVER WEST PARKWAY RSF041

City or town, state or province, country, and ZIP or foreign postal code
GOLDEN, CO 80401

D Employer identification number
26-1939342

E Telephone number
(303) 275-3000

G Gross receipts \$ 493,549,580

F Name and address of principal officer:
DR MARTIN KELLER
15013 DENVER WEST PKWY
GOLDEN, CO 80401

H(a) Is this a group return for subordinates? ☐ Yes ☒ No
H(b) Are all subordinates included? ☐ Yes ☐ No
If "No," attach a list. (see instructions)
H(c) Group exemption number ▶

I Tax-exempt status: ☒ 501(c)(3) ☐ 501(c) () ◀ (insert no.) ☐ 4947(a)(1) or ☐ 527

J Website: ▶ WWW.ALLIANCEFORSUSTAINABLEENERGY.ORG

K Form of organization: ☐ Corporation ☐ Trust ☐ Association ☒ Other ▶ LLC

L Year of formation: 2008

M State of legal domicile: DE

Part I Summary

Activities & Governance

1 Briefly describe the organization's mission or most significant activities:
OPERATES THE NATIONAL RENEWABLE ENERGY LABORATORY TO DEVELOP ENERGY EFFICIENT TECHNOLOGIES

2 Check this box ☐ if the organization discontinued its operations or disposed of more than 25% of its net assets.

3 Number of voting members of the governing body (Part VI, line 1a) 3 15

4 Number of independent voting members of the governing body (Part VI, line 1b) 4 15

5 Total number of individuals employed in calendar year 2018 (Part V, line 2a) 5 2,365

6 Total number of volunteers (estimate if necessary) 6 0

7a Total unrelated business revenue from Part VIII, column (C), line 12 7a 0

7b Net unrelated business taxable income from Form 990-T, line 34 7b 0

Revenue

8 Contributions and grants (Part VIII, line 1h) 8 411,299,186 493,545,097

9 Program service revenue (Part VIII, line 2g) 9 0 0

10 Investment income (Part VIII, column (A), lines 3, 4, and 7d) 10 1,633 4,483

11 Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e) 11 0 0

12 Total revenue—add lines 8 through 11 (must equal Part VIII, column (A), line 12) 12 411,300,819 493,549,580

Expenses

13 Grants and similar amounts paid (Part IX, column (A), lines 1–3) 13 0 0

14 Benefits paid to or for members (Part IX, column (A), line 4) 14 0 0

15 Salaries, other compensation, employee benefits (Part IX, column (A), lines 5–10) 15 259,176,792 296,091,065

16a Professional fundraising fees (Part IX, column (A), line 11e) 16a 0 0

16b Total fundraising expenses (Part IX, column (D), line 25) ▶ 0

17 Other expenses (Part IX, column (A), lines 11a–11d, 11f–24e) 17 146,740,737 191,807,168

18 Total expenses. Add lines 13–17 (must equal Part IX, column (A), line 25) 18 405,917,529 487,898,233

19 Revenue less expenses. Subtract line 18 from line 12 19 5,383,290 5,651,347

Net Assets or Fund Balances

20 Total assets (Part X, line 16) 20 88,007,728 111,143,841

21 Total liabilities (Part X, line 26) 21 81,893,153 104,428,408

22 Net assets or fund balances. Subtract line 21 from line 20 22 6,114,575 6,715,433

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

Signature of officer
MR OWEN BARWELL CHIEF FINANCIAL OFFICER

2020-07-09
Date

Paid Preparer Use Only

Print/Type preparer's name
Firm's name ▶ ANTON COLLINS MITCHELL LLP
Firm's address ▶ 4999 PEARL EAST CIRCLE SUITE 300
BOULDER, CO 80301

Preparer's signature
Date

Check ☐ if self-employed
Firm's EIN ▶ 01-0724563
Phone no. (303) 440-0399

PTIN P01230006

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

For Paperwork Reduction Act Notice, see the separate instructions.

Cat. No. 11282Y

Form 990 (2018)

Part III Statement of Program Service Accomplishments

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

1 Briefly describe the organization's mission:

SEE SCHEDULE O THE MISSION OF THE ALLIANCE FOR SUSTAINABLE ENERGY LLC (ALLIANCE) IS TO OPERATE THE U.S. DEPARTMENT OF ENERGY'S NATIONAL RENEWABLE ENERGY LABORATORY TO ADVANCE THE SCIENCE AND ENGINEERING OF ENERGY EFFICIENCY, SUSTAINABLE TRANSPORTATION, AND RENEWABLE POWER TECHNOLOGIES, AND PROVIDES THE KNOWLEDGE TO INTEGRATE AND OPTIMIZE ENERGY SYSTEMS.

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 \$ 486,298,490 including grants of \$) (Revenue \$)
See Additional Data

4b (Code:) (Expenses \$ including grants of \$) (Revenue \$)

4c (Code:) (Expenses \$ including grants of \$) (Revenue \$)

4d Other program services (Describe in Schedule O.)
(Expenses \$ including grants of \$) (Revenue \$)

4e Total program service expenses ▶ 486,298,490

Part IV Checklist of Required Schedules

	Yes	No
1 Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? If "Yes," complete Schedule A 	1 Yes	
2 Is the organization required to complete Schedule B, Schedule of Contributors (see instructions)? 	2 Yes	
3 Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? If "Yes," complete Schedule C, Part I 	3	No
4 Section 501(c)(3) organizations. Did the organization engage in lobbying activities, or have a section 501(h) election in effect during the tax year? If "Yes," complete Schedule C, Part II 	4 Yes	
5 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? If "Yes," complete Schedule C, Part III 	5	No
6 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? If "Yes," complete Schedule D, Part I 	6	No
7 Did the organization receive or hold a conservation easement, including easements to preserve open space, the environment, historic land areas, or historic structures? If "Yes," complete Schedule D, Part II 	7	No
8 Did the organization maintain collections of works of art, historical treasures, or other similar assets? If "Yes," complete Schedule D, Part III 	8	No
9 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? If "Yes," complete Schedule D, Part IV 	9	No
10 Did the organization, directly or through a related organization, hold assets in temporarily restricted endowments, permanent endowments, or quasi-endowments? If "Yes," complete Schedule D, Part V 	10	No
11 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.		
a Did the organization report an amount for land, buildings, and equipment in Part X, line 10? If "Yes," complete Schedule D, Part VI. 	11a	No
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? If "Yes," complete Schedule D, Part VII 	11b	No
c 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? If "Yes," complete Schedule D, Part VIII 	11c	No
d 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? If "Yes," complete Schedule D, Part IX 	11d	No
e Did the organization report an amount for other liabilities in Part X, line 25? If "Yes," complete Schedule D, Part X 	11e Yes	
f 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)? If "Yes," complete Schedule D, Part X 	11f Yes	
12a Did the organization obtain separate, independent audited financial statements for the tax year? If "Yes," complete Schedule D, Parts XI and XII 	12a Yes	
b Was the organization included in consolidated, independent audited financial statements for the tax year? If "Yes," and if the organization answered "No" to line 12a, then completing Schedule D, Parts XI and XII is optional 	12b	No
13 Is the organization a school described in section 170(b)(1)(A)(ii)? If "Yes," complete Schedule E	13	No
14a Did the organization maintain an office, employees, or agents outside of the United States?	14a Yes	
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? If "Yes," complete Schedule F, Parts I and IV 	14b Yes	
15 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? If "Yes," complete Schedule F, Parts II and IV 	15	No
16 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? If "Yes," complete Schedule F, Parts III and IV 	16	No
17 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? If "Yes," complete Schedule G, Part I (see instructions)	17	No
18 Did the organization report more than \$15,000 total of fundraising event gross income and contributions on Part VIII, lines 1c and 8a? If "Yes," complete Schedule G, Part II	18	No
19 Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? If "Yes," complete Schedule G, Part III	19	No
20a Did the organization operate one or more hospital facilities? If "Yes," complete Schedule H	20a	No
b If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?	20b	
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? If "Yes," complete Schedule I, Parts I and II	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? If "Yes," complete Schedule I, Parts I and III	22	No

Part IV Checklist of Required Schedules (continued)

		Yes	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>		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	Section 501(c)(3), 501(c)(4), and 501(c)(29) organizations. 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	No
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	No
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	No
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	
36	Section 501(c)(3) organizations. 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	No
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? Note. All Form 990 filers are required to complete Schedule O.	38 Yes	

Part V Statements Regarding Other IRS Filings and Tax ComplianceCheck 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	1a 364	
b	Enter the number of Forms W-2G included in line 1a. Enter -0- if not applicable	1b 0	
c	Did the organization comply with backup withholding rules for reportable payments to vendors and reportable gaming (gambling) winnings to prize winners?	1c Yes	

Form **990** (2018)

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	1a 15		
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.			
b Enter the number of voting members included in line 1a, above, who are independent	1b 15		
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		No
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		No
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		No
b 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:			
a The governing body?	8a	Yes	
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
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	Yes
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
b Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts?	12b	Yes
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	Yes
14 Did the organization have a written document retention and destruction policy?	14	Yes
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?		
a The organization's CEO, Executive Director, or top management official	15a	Yes
b Other officers or key employees of the organization	15b	Yes
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
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-A 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:
 ►SUSAN SCRIVER 15013 DENVER WEST PARKWAY GOLDEN, CO 80401 (303) 275-3000

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 ☐

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.

[illegible]

Part VII 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			
See Additional Data Table										
1b Sub-Total										
c Total from continuation sheets to Part VII, Section A										
d Total (add lines 1b and 1c)								4,460,816	0	236,582

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 ▶ 887

	Yes	No
3 Did the organization list any former officer, director or trustee, key employee, or highest compensated employee on line 1a? <i>If "Yes," complete Schedule J for such individual</i>		No
4 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>	Yes	
5 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>		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
DOMINION FEDERAL CORPORATION 6718 WHITTIER AVE SUITE 220 MCLEAN, VA 22101	COMMERCIAL SERVICE	12,410,780
SUN CONSTRUCTION & FACILITY SERVICES IN 1232 BOSTON AVE LONGMONT, CO 80501	CONSTRUCTION	5,099,731
E-CORP PO BOX 792 SANDY, UT 84091	CONSTRUCTION	3,867,138
XCEL ENERGY INC PO BOX 9477 MINNEAPOLIS, MN 55484	UTILITIES	3,094,760
LEVERAGE INFORMATION SYSTEMS PO BOX 630 WOODINVILLE, WA 98072	TECHNOLOGY SERVICES	2,674,451

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 ▶ 299

Part VIII Statement of Revenue

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

**Contributions, Gifts, Grants
and Other Similar Amounts**

	(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512 - 514
1a Federated campaigns	1a			
b Membership dues	1b			
c Fundraising events	1c			
d Related organizations	1d			
e Government grants (contributions)	1e	490,462,084		
f All other contributions, gifts, grants, and similar amounts not included above	1f	3,083,013		
g Noncash contributions included in lines 1a - 1f:\$ _____				
h Total. Add lines 1a-1f		493,545,097		

Program Service Revenue

	Business Code				
2a _____					
b _____					
c _____					
d _____					
e _____					
f All other program service revenue.					
g Total. Add lines 2a-2f					

Other Revenue

3 Investment income (including dividends, interest, and other similar amounts)		4,483			4,483
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 _____					
b _____					
c _____					
d All other revenue					
e Total. Add lines 11a-11d					
12 Total revenue. See Instructions.		493,549,580	0	0	4,483

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 ☐

	(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.				
1 Grants and other assistance to domestic organizations and domestic governments. See Part IV, line 21				
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, line 15 and 16.				
4 Benefits paid to or for members				
5 Compensation of current officers, directors, trustees, and key employees	2,407,541	1,901,114	506,427	
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	223,847,609	223,796,363	51,246	
8 Pension plan accruals and contributions (include section 401 (k) and 403(b) employer contributions)	32,049,574	32,049,574		
9 Other employee benefits	22,109,517	22,109,517		
10 Payroll taxes	15,676,824	15,676,824		
11 Fees for services (non-employees):				
a Management				
b Legal	955,750	955,750		
c Accounting	44,452	44,452		
d Lobbying				
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)	11,753,986	11,264,056	489,930	
12 Advertising and promotion				
13 Office expenses	4,553,056	4,092,970	460,086	
14 Information technology	26,686,834	26,686,834		
15 Royalties	89,664	89,664		
16 Occupancy	6,585,703	6,585,703		
17 Travel	9,604,994	9,604,994		
18 Payments of travel or entertainment expenses for any federal, state, or local public officials				
19 Conferences, conventions, and meetings	5,196,621	5,196,621		
20 Interest	623,123	622,303	820	
21 Payments to affiliates				
22 Depreciation, depletion, and amortization				
23 Insurance	185,001	185,001		
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 SUBCONTRACTS	74,529,543	74,438,309	91,234	
b EQUIPMENT	28,336,214	28,336,214		
c LAB/TOOLS/SAFETY SUPP	16,232,075	16,232,075		
d MAINTENANCE/REPAIR	6,430,152	6,430,152		
e All other expenses				
25 Total functional expenses. Add lines 1 through 24e	487,898,233	486,298,490	1,599,743	0
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 ☐ if following SOP 98-2 (ASC 958-720).				

Part X Balance SheetCheck if Schedule O contains a response or note to any line in this Part IX ☐

		(A) Beginning of year		(B) End of year
Assets	1 Cash—non-interest-bearing	851,191	1	880,347
	2 Savings and temporary cash investments	3,477,776	2	4,490,178
	3 Pledges and grants receivable, net		3	
	4 Accounts receivable, net	78,550,165	4	97,857,140
	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	4,463,609	9	7,570,706
	10a Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D	10a	10c	
	b Less: accumulated depreciation	10b		
	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	664,987	15	345,470
	16 Total assets. Add lines 1 through 15 (must equal line 34)	88,007,728	16	111,143,841
Liabilities	17 Accounts payable and accrued expenses	58,722,314	17	74,628,274
	18 Grants payable		18	
	19 Deferred revenue	452,326	19	505,047
	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	22,718,513	25	29,295,087
	26 Total liabilities. Add lines 17 through 25	81,893,153	26	104,428,408
Net Assets or Fund Balances	Organizations that follow SFAS 117 (ASC 958), check here ► ☒ and complete lines 27 through 29, and lines 33 and 34.			
	27 Unrestricted net assets	3,262,546	27	4,047,644
	28 Temporarily restricted net assets	2,852,029	28	2,667,789
	29 Permanently restricted net assets		29	
	Organizations that do not follow SFAS 117 (ASC 958), check here ► ☐ and complete lines 30 through 34.			
	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 Total net assets or fund balances	6,114,575	33	6,715,433
	34 Total liabilities and net assets/fund balances	88,007,728	34	111,143,841

Part XI Reconciliation of Net AssetsCheck 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	493,549,580
2	Total expenses (must equal Part IX, column (A), line 25)	2	487,898,233
3	Revenue less expenses. Subtract line 2 from line 1	3	5,651,347
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	6,114,575
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	-5,050,489
10	Net assets or fund balances at end of year. Combine lines 3 through 9 (must equal Part X, line 33, column (B))	10	6,715,433

Part XII Financial Statements and ReportingCheck 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: ☐ Cash ☒ Accrual ☐ 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: ☐ Separate basis ☐ Consolidated basis ☐ Both consolidated and separate basis		No
b 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: ☒ Separate basis ☐ Consolidated basis ☐ Both consolidated and separate basis	Yes	
c 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.	Yes	
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
b 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.		

Software ID:
Software Version:
EIN: 26-1939342
Name: ALLIANCE FOR SUSTAINABLE ENERGY LLC

Form 990 (2018)

Form 990, Part III, Line 4a:

SEE SCHEDULE OON OCTOBER 1, 2008, ALLIANCE BEGAN MANAGEMENT OF THE U.S. DEPARTMENT OF ENERGY'S NATIONAL RENEWABLE ENERGY LABORATORY UNDER PRIME CONTRACT NUMBER DE-AC36-08-GO28308. THE NATIONAL RENEWABLE ENERGY LABORATORY (NREL) IS THE NATION'S PRIMARY LABORATORY FOR RENEWABLE ENERGY AND ENERGY EFFICIENCY RESEARCH AND DEVELOPMENT (R&D). ALLIANCE PROVIDES THE LEADERSHIP AND STRATEGY THROUGH ITS MANAGEMENT AND OPERATION CONTRACT OF THE NATIONAL RENEWABLE ENERGY LABORATORY (NREL) TO EXECUTE RESEARCH, DEVELOPMENT, DEMONSTRATION, TECHNICAL ASSISTANCE AND ANALYSIS PROGRAMS ON BEHALF OF DOE, OTHER FEDERAL AGENCIES AND THE PRIVATE SECTOR. IT STEWARDS THE UNDERLYING CAPABILITIES AND RESEARCH ASSETS THAT ENABLE MISSION ACCOMPLISHMENT. IT ALSO PROVIDES THE LEADERSHIP TO SAFELY, SECURELY AND SUSTAINABLY MANAGE AND OPERATE TWO MAJOR NREL CAMPUSES LOCATED IN COLORADO AS WELL AS SEVERAL OFF CAMPUS RESEARCH AND OFFICE FACILITIES AND TO OPERATE AND CONTINUOUSLY IMPROVE BUSINESS SYSTEMS, INCLUDING FINANCE, HUMAN RESOURCES, PROCUREMENT, AND QUALITY. ALLIANCE PARTNERS WITH INDUSTRY, OTHER GOVERNMENT AGENCIES, AND ACADEMIA TO TRANSFER THE KNOWLEDGE, KNOW-HOW, AND INTELLECTUAL PROPERTY TO ENABLE NEW PRODUCT DEVELOPMENT AND THEN SCALE UP WITHIN THE NATION'S ENERGY INFRASTRUCTURE. THIS EFFORT SUPPORTS ENERGY SECURITY AND A VIBRANT ECONOMY WHILE ENSURING STEWARDSHIP OF THE ENVIRONMENT.ALLIANCE PROVIDES LEADERSHIP AND TECHNICAL CAPABILITIES FOR WORK WITHIN THE FOLLOWING AREAS:RENEWABLE ELECTRICITY GENERATIONTHIS AREA INCLUDES ADVANCEMENTS IN RENEWABLE ELECTRICITY GENERATION TECHNOLOGIES INCLUDING SOLAR, WATER, WIND AND GEOTHERMAL. THE ALLIANCE STRATEGY IS FOCUSED ON THE ADVANCEMENT OF AMERICA'S "ALL OF THE ABOVE" ENERGY STRATEGY, LEADING A LARGE NETWORK OF RESEARCHERS AND OTHER PARTNERS TO DELIVER INNOVATIVE TECHNOLOGIES THAT WILL MAKE RENEWABLE ELECTRICITY GENERATION COST-COMPETITIVE WITH TRADITIONAL SOURCES OF ENERGY AS WELL AS RESILIENT AND SECURE.ENERGY PRODUCTIVITYTHIS AREA INCLUDES ADVANCEMENTS, TECHNOLOGIES, AND SYSTEMS INTEGRATION TO INCREASE ENERGY PRODUCTIVITY IN HOMES, BUILDINGS, AND INDUSTRIAL PLANTS. RESEARCHERS COLLABORATE WITH OTHER RESEARCH INSTITUTIONS AND WORK WITH COMMERCIAL PARTNERS TO DEVELOP INNOVATIVE, COST-EFFECTIVE, ENERGY-SAVING INNOVATIONS THAT INCREASE THE ENERGY PRODUCTIVITY OF MANUFACTURING PROCESSES, PRODUCTS, HOMES AND BUILDINGS IN WHICH TO WORK, SHOP, AND LEAD OUR EVERYDAY LIVES.SUSTAINABLE TRANSPORTATIONTHIS AREA INCLUDES ADVANCEMENTS IN TRANSPORTATION AND VEHICLE TECHNOLOGIES AND ALTERNATIVE FUELS. PROGRAMS FOCUS ON ELECTRIC VEHICLE TECHNOLOGIES AND SYSTEMS, ENGINE EFFICIENCY, AND CLEAN DOMESTIC FUELS (BIOFUELS, RENEWABLE HYDROGEN AND NATURAL GAS) TO OPEN UP COST-EFFECTIVE OPPORTUNITIES TO REDUCE OUR OIL DEPENDENCE, AVOID POLLUTION AND CREATE JOBS DESIGNING AND MANUFACTURING BETTER CARS, TRUCKS AND PETROLEUM ALTERNATIVES.ENERGY ANALYSISCREDIBLE AND OBJECTIVE ENERGY ANALYSIS INCREASES THE UNDERSTANDING OF HOW THE ENERGY SYSTEMS OPERATE. WE EXPLORE HOW ENERGY POLICIES, MARKETS, RESOURCES, TECHNOLOGIES, ENVIRONMENTAL IMPACTS, AND INFRASTRUCTURE INTERACT. ANALYSES, DATA, AND TOOLS INFORM INVESTMENT DECISIONS AS ENERGY-EFFICIENT AND RENEWABLE ENERGY TECHNOLOGIES ADVANCE FROM CONCEPT TO COMMERCIAL APPLICATION.ENERGY SYSTEMS INTEGRATIONENERGY SYSTEMS INTEGRATION RESEARCH ADDRESSES TRADEOFFS ACROSS ENERGY CARRIERS (SUCH AS ELECTRICITY, THERMAL PATHWAYS, FUELS, AND WATER) WITHIN INFRASTRUCTURES (GRIDS, BUILDINGS AND CAMPUSES, COMMUNITIES, COMMUNICATIONS AND TRANSPORTATION) TO MAXIMIZE EFFICIENCY AND MINIMIZE WASTE. RESEARCH YIELDS INNOVATIONS THAT ENABLE A RANGE OF TECHNOLOGIES TO CONNECT AND OPERATE EFFECTIVELY THROUGH THESE ENERGY INFRASTRUCTURES AND FORM SYSTEMS AT A VARIETY OF PHYSICAL AND TIME SCALES FROM INDIVIDUAL BUILDINGS TO AGGREGATIONS AT CAMPUSES AND FLEETS, TO DISTRIBUTION AND REGIONAL SYSTEMS THAT STRETCH ACROSS CONTINENTS.NREL IS POSITIONED TO HELP THE NATION ADVANCE ITS ENERGY GOALS THROUGH THE ALLIANCE STRATEGY FOR ACCELERATING IMPACT. THE LABORATORY DELIVERS MARKET-RELEVANT, HIGH-IMPACT KNOWLEDGE/INNOVATIONS; AMPLIFIES MARKET IMPACT THROUGH STRATEGIC PARTNERSHIPS; STEWARDS DISTINCTIVE CAPABILITIES AND SUSTAINS OPERATIONAL EXCELLENCE. NREL SUPPORTS COLLABORATIVE RESEARCH PROJECTS, DISSEMINATES RESEARCH RESULTS BROADLY, PROTECTS INTELLECTUAL PROPERTY THROUGH PATENTS AND COPYRIGHTS, LICENSES TECHNOLOGIES AND WORKS WITH PUBLIC AND PRIVATE PARTNERS TO IMPLEMENT TECHNOLOGIES. INNOVATIVE TECHNOLOGIES ARE ANNUALLY RECOGNIZED WITH MULTIPLE R&D 100 AWARDS, WHICH ARE CONSIDERED THE MOST PRESTIGIOUS TECHNOLOGY INNOVATION AWARDS IN THE UNITED STATES. THE ENGINEERING AND SCIENCE BEHIND THESE TECHNOLOGY TRANSFER SUCCESSES AND AWARDS DEMONSTRATE ALLIANCE'S COMMITMENT TO DEVELOPING AND APPLYING INNOVATIVE RENEWABLE ENERGY SOLUTIONS TO ACHIEVE THE NATION'S SECURE AND SUSTAINABLE ENERGY FUTURE.

Form 990, Part VII - Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors										
(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			
DR RONALD D TOWNSEND CHAIRMAN OF THE BOARD	1.00	X		X				0	0	0
DR THOMAS M SACK VICE CHAIRMAN OF THE BOARD	1.00	X		X				0	0	0
DR STANLEY BULL BOARD MEMBER	1.00	X						0	0	0
MR RICHARD THOMAS FLEENER BOARD MEMBER	1.00	X						0	0	0
DR JOHN S STANLEY BOARD MEMBER	1.00	X						0	0	0
DR JOHN CHRIS DETTER BOARD MEMBER	1.00	X						0	0	0
MR BRETT BOSLEY BOARD MEMBER	1.00	X						0	0	0
MR MARTIN CONGER BOARD MEMBER	1.00	X						0	0	0
MR EDWARD C ANDERSON JR BOARD MEMBER	1.00	X						0	0	0
DR THOMAS E MASON BOARD MEMBER	1.00	X						0	0	0

Form 990, Part VII - Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors										
(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			
DR THERESA S FIEZ BOARD MEMBER	1.00	X						0	0	0
DR ALAN A RUDOLPH BOARD MEMBER	1.00	X						0	0	0
DR STEPHANIE TOMPKINS BOARD MEMBER	1.00	X						0	0	0
DR SALLY M BENSON BOARD MEMBER	1.00	X						0	0	0
DR MARIA ZUBER BOARD MEMBER	1.00	X						0	0	0
DR ROBERT ARMSTRONG BOARD MEMBER	1.00	X						0	0	0
MR TODD HARRINGTON BOARD MEMBER	1.00	X						0	0	0
DR MICHAEL KUHLMAN BOARD MEMBER	1.00	X						0	0	0
MS KRISTINE WERKING BOARD MEMBER	1.00	X						0	0	0
DR MARTIN KELLER PRESIDENT	40.00			X				790,300	0	71,086

Form 990, Part VII - Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors										
(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			
MS BOBI GARRETT SENIOR VP	40.00			X				488,298	0	-186,844
DR PETER GREEN SENIOR VP	40.00			X				466,298	0	72,085
MR STEVEN SILBERGLEID SECRETARY	40.00			X				326,670	0	65,213
MR OWEN BARWELL CFO	40.00			X				335,975	0	65,640
DR ROBERT LELAND ASSOCIATE LAB DIRECTOR	40.00					X		488,722	0	11,832
MS DEBORAH DOEL-HAMMOND CHIEF HR OFFICER	40.00					X		433,736	0	15,044
DR JOHNEY GREEN ASSOCIATE LAB DIRECTOR	40.00					X		379,253	0	38,865
MR JUAN TORRES ASSOCIATE LAB DIRECTOR	40.00					X		378,072	0	16,291
DR WILLIAM TUMAS ASSOCIATE LAB DIRECTOR	40.00					X		373,492	0	67,370

SCHEDULE A
(Form 990 or 990EZ)

Department of the Treasury
Internal Revenue Service

Public Charity Status and Public Support

Complete if the organization is a section 501(c)(3) organization or a section 4947(a)(1) nonexempt charitable trust.
▶ Attach to Form 990 or Form 990-EZ.
▶ Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2018

Open to Public Inspection

Name of the organization
ALLIANCE FOR SUSTAINABLE ENERGY LLC

Employer identification number
26-1939342

Part I Reason for Public Charity Status (All organizations must complete this part.) See instructions.

The organization is not a private foundation because it is: (For lines 1 through 12, check only one box.)

- 1☐ A church, convention of churches, or association of churches described in **section 170(b)(1)(A)(i).**
- 2☐ A school described in **section 170(b)(1)(A)(ii).** (Attach Schedule E (Form 990 or 990-EZ).)
- 3☐ A hospital or a cooperative hospital service organization described in **section 170(b)(1)(A)(iii).**
- 4☐ A medical research organization operated in conjunction with a hospital described in **section 170(b)(1)(A)(iii).** Enter the hospital's name, city, and state: _____
- 5☐ An organization operated for the benefit of a college or university owned or operated by a governmental unit described in **section 170(b)(1)(A)(iv).** (Complete Part II.)
- 6☐ A federal, state, or local government or governmental unit described in **section 170(b)(1)(A)(v).**
- 7☒ An organization that normally receives a substantial part of its support from a governmental unit or from the general public described in **section 170(b)(1)(A)(vi).** (Complete Part II.)
- 8☐ A community trust described in **section 170(b)(1)(A)(vi).** (Complete Part II.)
- 9☐ An agricultural research organization described in **170(b)(1)(A)(ix)** operated in conjunction with a land-grant college or university or a non-land grant college of agriculture. See instructions. Enter the name, city, and state of the college or university: _____
- 10☐ An organization that normally receives: (1) more than 33 1/3% of its support from contributions, membership fees, and gross receipts from activities related to its exempt functions—subject to certain exceptions, and (2) no more than 33 1/3% of its support from gross investment income and unrelated business taxable income (less section 511 tax) from businesses acquired by the organization after June 30, 1975. See **section 509(a)(2).** (Complete Part III.)
- 11☐ An organization organized and operated exclusively to test for public safety. See **section 509(a)(4).**
- 12☐ An organization organized and operated exclusively for the benefit of, to perform the functions of, or to carry out the purposes of one or more publicly supported organizations described in **section 509(a)(1)** or **section 509(a)(2).** See **section 509(a)(3).** Check the box in lines 12a through 12d that describes the type of supporting organization and complete lines 12e, 12f, and 12g.
- a☐ **Type I.** A supporting organization operated, supervised, or controlled by its supported organization(s), typically by giving the supported organization(s) the power to regularly appoint or elect a majority of the directors or trustees of the supporting organization. **You must complete Part IV, Sections A and B.**
- b☐ **Type II.** A supporting organization supervised or controlled in connection with its supported organization(s), by having control or management of the supporting organization vested in the same persons that control or manage the supported organization(s). **You must complete Part IV, Sections A and C.**
- c☐ **Type III functionally integrated.** A supporting organization operated in connection with, and functionally integrated with, its supported organization(s) (see instructions). **You must complete Part IV, Sections A, D, and E.**
- d☐ **Type III non-functionally integrated.** A supporting organization operated in connection with its supported organization(s) that is not functionally integrated. The organization generally must satisfy a distribution requirement and an attentiveness requirement (see instructions). **You must complete Part IV, Sections A and D, and Part V.**
- e☐ Check this box if the organization received a written determination from the IRS that it is a Type I, Type II, Type III functionally integrated, or Type III non-functionally integrated supporting organization.
- f Enter the number of supported organizations _____
- g Provide the following information about the supported organization(s).

(i) Name of supported organization	(ii) EIN	(iii) Type of organization (described on lines 1- 10 above (see instructions))	(iv) Is the organization listed in your governing document?		(v) Amount of monetary support (see instructions)	(vi) Amount of other support (see instructions)
			Yes	No		
Total						

Part II

Support Schedule for Organizations Described in Sections 170(b)(1)(A)(iv), 170(b)(1)(A)(vi), and 170(b)(1)(A)(ix)

(Complete only if you checked the box on line 5, 7, 8, or 9 of Part I or if the organization failed to qualify under Part III. If the organization fails to qualify under the tests listed below, please complete Part III.)

Section A. Public Support							
	Calendar year (or fiscal year beginning in) ►	(a) 2014	(b) 2015	(c) 2016	(d) 2017	(e) 2018	(f) Total
1	Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grant.") . .	388,397,895	387,495,321	384,266,251	411,299,186	493,545,097	2,065,003,750
2	Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
3	The value of services or facilities furnished by a governmental unit to the organization without charge..						
4	Total. Add lines 1 through 3	388,397,895	387,495,321	384,266,251	411,299,186	493,545,097	2,065,003,750
5	The portion of total contributions by each person (other than a governmental unit or publicly supported organization) included on line 1 that exceeds 2% of the amount shown on line 11, column (f). .						
6	Public support. Subtract line 5 from line 4.						2,065,003,750

Section B. Total Support							
Calendar year (or fiscal year beginning in) ►		(a)2014	(b)2015	(c)2016	(d)2017	(e)2018	(f)Total
7	Amounts from line 4. . .	388,397,895	387,495,321	384,266,251	411,299,186	493,545,097	2,065,003,750
8	Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources	593	798	835	1,633	4,483	8,342
9	Net income from unrelated business activities, whether or not the business is regularly carried on . . .						
10	Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.). . .						
11	Total support. Add lines 7 through 10						2,065,012,092
12	Gross receipts from related activities, etc. (see instructions)					12	

13 **First five years.** If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and **stop here** ► ☐

Section C. Computation of Public Support Percentage			
14	Public support percentage for 2018 (line 6, column (f) divided by line 11, column (f))	14	100.000 %
15	Public support percentage for 2017 Schedule A, Part II, line 14	15	100.000 %
16a	33 1/3% support test—2018. If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization ☒		
b	33 1/3% support test—2017. If the organization did not check a box on line 13 or 16a, and line 15 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization ☐		
17a	10%-facts-and-circumstances test—2018. If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization ☐		
b	10%-facts-and-circumstances test—2017. If the organization did not check a box on line 13, 16a, 16b, or 17a, and line 15 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization ☐		
18	Private foundation. If the organization did not check a box on line 13, 16a, 16b, 17a, or 17b, check this box and see instructions ☐		

Part III Support Schedule for Organizations Described in Section 509(a)(2)

(Complete only if you checked the box on line 10 of Part I or if the organization failed to qualify under Part II. If the organization fails to qualify under the tests listed below, please complete Part II.)

Section A. Public Support

Calendar year (or fiscal year beginning in) ►	(a) 2014	(b) 2015	(c) 2016	(d) 2017	(e) 2018	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.") .						
2 Gross receipts from admissions, merchandise sold or services performed, or facilities furnished in any activity that is related to the organization's tax-exempt purpose						
3 Gross receipts from activities that are not an unrelated trade or business under section 513 . . .						
4 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf. . .						
5 The value of services or facilities furnished by a governmental unit to the organization without charge						
6 Total. Add lines 1 through 5						
7a Amounts included on lines 1, 2, and 3 received from disqualified persons						
b Amounts included on lines 2 and 3 received from other than disqualified persons that exceed the greater of \$5,000 or 1% of the amount on line 13 for the year.						
c Add lines 7a and 7b. .						
8 Public support. (Subtract line 7c from line 6.)						

Section B. Total Support

Calendar year (or fiscal year beginning in) ►	(a) 2014	(b) 2015	(c) 2016	(d) 2017	(e) 2018	(f) Total
9 Amounts from line 6. . .						
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources. .						
b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975.						
c Add lines 10a and 10b.						
11 Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on.						
12 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.) . .						
13 Total support. (Add lines 9, 10c, 11, and 12.) . .						

14 First five years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and **stop here.** ☐

Section C. Computation of Public Support Percentage

15 Public support percentage for 2018 (line 8, column (f) divided by line 13, column (f))	15	
16 Public support percentage from 2017 Schedule A, Part III, line 15	16	

Section D. Computation of Investment Income Percentage

17 Investment income percentage for 2018 (line 10c, column (f) divided by line 13, column (f))	17	
18 Investment income percentage from 2017 Schedule A, Part III, line 17	18	

19a 33 1/3% support tests—2018. If the organization did not check the box on line 14, and line 15 is more than 33 1/3%, and line 17 is not more than 33 1/3%, check this box and **stop here.** The organization qualifies as a publicly supported organization ☐

b 33 1/3% support tests—2017. If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3% and line 18 is not more than 33 1/3%, check this box and **stop here.** The organization qualifies as a publicly supported organization ☐

20 Private foundation. If the organization did not check a box on line 14, 19a, or 19b, check this box and see instructions ☐

Part IV Supporting Organizations

(Complete only if you checked a box on line 12 of Part I. If you checked 12a of Part I, complete Sections A and B. If you checked 12b of Part I, complete Sections A and C. If you checked 12c of Part I, complete Sections A, D, and E. If you checked 12d of Part I, complete Sections A and D, and complete Part V.)

Section A. All Supporting Organizations

	Yes	No
1 Are all of the organization's supported organizations listed by name in the organization's governing documents? <i>If "No," describe in Part VI how the supported organizations are designated. If designated by class or purpose, describe the designation. If historic and continuing relationship, explain.</i>		
1		
2 Did the organization have any supported organization that does not have an IRS determination of status under section 509(a)(1) or (2)? <i>If "Yes," explain in Part VI how the organization determined that the supported organization was described in section 509(a)(1) or (2).</i>		
2		
3a Did the organization have a supported organization described in section 501(c)(4), (5), or (6)? <i>If "Yes," answer (b) and (c) below.</i>		
3a		
b Did the organization confirm that each supported organization qualified under section 501(c)(4), (5), or (6) and satisfied the public support tests under section 509(a)(2)? <i>If "Yes," describe in Part VI when and how the organization made the determination.</i>		
3b		
c Did the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes? <i>If "Yes," explain in Part VI what controls the organization put in place to ensure such use.</i>		
3c		
4a Was any supported organization not organized in the United States ("foreign supported organization")? <i>If "Yes" and if you checked 12a or 12b in Part I, answer (b) and (c) below.</i>		
4a		
b Did the organization have ultimate control and discretion in deciding whether to make grants to the foreign supported organization? <i>If "Yes," describe in Part VI how the organization had such control and discretion despite being controlled or supervised by or in connection with its supported organizations.</i>		
4b		
c Did the organization support any foreign supported organization that does not have an IRS determination under sections 501(c)(3) and 509(a)(1) or (2)? <i>If "Yes," explain in Part VI what controls the organization used to ensure that all support to the foreign supported organization was used exclusively for section 170(c)(2)(B) purposes.</i>		
4c		
5a Did the organization add, substitute, or remove any supported organizations during the tax year? <i>If "Yes," answer (b) and (c) below (if applicable). Also, provide detail in Part VI, including (i) the names and EIN numbers of the supported organizations added, substituted, or removed; (ii) the reasons for each such action; (iii) the authority under the organization's organizing document authorizing such action; and (iv) how the action was accomplished (such as by amendment to the organizing document).</i>		
5a		
b Type I or Type II only. Was any added or substituted supported organization part of a class already designated in the organization's organizing document?		
5b		
c Substitutions only. Was the substitution the result of an event beyond the organization's control?		
5c		
6 Did the organization provide support (whether in the form of grants or the provision of services or facilities) to anyone other than (i) its supported organizations, (ii) individuals that are part of the charitable class benefited by one or more of its supported organizations, or (iii) other supporting organizations that also support or benefit one or more of the filing organization's supported organizations? <i>If "Yes," provide detail in Part VI.</i>		
6		
7 Did the organization provide a grant, loan, compensation, or other similar payment to a substantial contributor (defined in section 4958(c)(3)(C)), a family member of a substantial contributor, or a 35% controlled entity with regard to a substantial contributor? <i>If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ) .</i>		
7		
8 Did the organization make a loan to a disqualified person (as defined in section 4958) not described in line 7? <i>If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).</i>		
8		
9a Was the organization controlled directly or indirectly at any time during the tax year by one or more disqualified persons as defined in section 4946 (other than foundation managers and organizations described in section 509(a)(1) or (2))? <i>If "Yes," provide detail in Part VI.</i>		
9a		
b Did one or more disqualified persons (as defined in line 9a) hold a controlling interest in any entity in which the supporting organization had an interest? <i>If "Yes," provide detail in Part VI.</i>		
9b		
c Did a disqualified person (as defined in line 9a) have an ownership interest in, or derive any personal benefit from, assets in which the supporting organization also had an interest? <i>If "Yes," provide detail in Part VI.</i>		
9c		
10a Was the organization subject to the excess business holdings rules of section 4943 because of section 4943(f) (regarding certain Type II supporting organizations, and all Type III non-functionally integrated supporting organizations)? <i>If "Yes," answer line 10b below.</i>		
10a		
b Did the organization have any excess business holdings in the tax year? <i>(Use Schedule C, Form 4720, to determine whether the organization had excess business holdings).</i>		
10b		

Part IV

Supporting Organizations (continued)

	Yes	No
11 Has the organization accepted a gift or contribution from any of the following persons?		
a A person who directly or indirectly controls, either alone or together with persons described in (b) and (c) below, the governing body of a supported organization?		
b A family member of a person described in (a) above?		
c A 35% controlled entity of a person described in (a) or (b) above? If "Yes" to a, b, or c, provide detail in Part VI.		

Section B. Type I Supporting Organizations

	Yes	No
1 Did the directors, trustees, or membership of one or more supported organizations have the power to regularly appoint or elect at least a majority of the organization's directors or trustees at all times during the tax year? If "No," describe in Part VI how the supported organization(s) effectively operated, supervised, or controlled the organization's activities. If the organization had more than one supported organization, describe how the powers to appoint and/or remove directors or trustees were allocated among the supported organizations and what conditions or restrictions, if any, applied to such powers during the tax year.		
1		
2 Did the organization operate for the benefit of any supported organization other than the supported organization(s) that operated, supervised, or controlled the supporting organization? If "Yes," explain in Part VI how providing such benefit carried out the purposes of the supported organization(s) that operated, supervised or controlled the supporting organization.		
2		

Section C. Type II Supporting Organizations

	Yes	No
1 Were a majority of the organization's directors or trustees during the tax year also a majority of the directors or trustees of each of the organization's supported organization(s)? If "No," describe in Part VI how control or management of the supporting organization was vested in the same persons that controlled or managed the supported organization(s).		
1		

Section D. All Type III Supporting Organizations

	Yes	No
1 Did the organization provide to each of its supported organizations, by the last day of the fifth month of the organization's tax year, (i) a written notice describing the type and amount of support provided during the prior tax year, (ii) a copy of the Form 990 that was most recently filed as of the date of notification, and (iii) copies of the organization's governing documents in effect on the date of notification, to the extent not previously provided?		
1		
2 Were any of the organization's officers, directors, or trustees either (i) appointed or elected by the supported organization (s) or (ii) serving on the governing body of a supported organization? If "No," explain in Part VI how the organization maintained a close and continuous working relationship with the supported organization(s).		
2		
3 By reason of the relationship described in (2), did the organization's supported organizations have a significant voice in the organization's investment policies and in directing the use of the organization's income or assets at all times during the tax year? If "Yes," describe in Part VI the role the organization's supported organizations played in this regard.		
3		

Section E. Type III Functionally-Integrated Supporting Organizations

1 Check the box next to the method that the organization used to satisfy the Integral Part Test during the year (see instructions):		
a ☐ The organization satisfied the Activities Test. Complete line 2 below.		
b ☐ The organization is the parent of each of its supported organizations. Complete line 3 below.		
c ☐ The organization supported a governmental entity. Describe in Part VI how you supported a government entity (see instructions)		
2 Activities Test. Answer (a) and (b) below.		
a Did substantially all of the organization's activities during the tax year directly further the exempt purposes of the supported organization(s) to which the organization was responsive? If "Yes," then in Part VI identify those supported organizations and explain how these activities directly furthered their exempt purposes, how the organization was responsive to those supported organizations, and how the organization determined that these activities constituted substantially all of its activities.		
2a		
b Did the activities described in (a) constitute activities that, but for the organization's involvement, one or more of the organization's supported organization(s) would have been engaged in? If "Yes," explain in Part VI the reasons for the organization's position that its supported organization(s) would have engaged in these activities but for the organization's involvement.		
2b		
3 Parent of Supported Organizations. Answer (a) and (b) below.		
a Did the organization have the power to regularly appoint or elect a majority of the officers, directors, or trustees of each of the supported organizations? Provide details in Part VI.		
3a		
b Did the organization exercise a substantial degree of direction over the policies, programs and activities of each of its supported organizations? If "Yes," describe in Part VI the role played by the organization in this regard.		
3b		

Part V Type III Non-Functionally Integrated 509(a)(3) Supporting Organizations			
1 ☐ Check here if the organization satisfied the Integral Part Test as a qualifying trust on Nov. 20, 1970 (explain in Part VI). See instructions. All other Type III non-functionally integrated supporting organizations must complete Sections A through E.			
Section A - Adjusted Net Income		(A) Prior Year	(B) Current Year (optional)
1	Net short-term capital gain	1	
2	Recoveries of prior-year distributions	2	
3	Other gross income (see instructions)	3	
4	Add lines 1 through 3	4	
5	Depreciation and depletion	5	
6	Portion of operating expenses paid or incurred for production or collection of gross income or for management, conservation, or maintenance of property held for production of income (see instructions)	6	
7	Other expenses (see instructions)	7	
8	Adjusted Net Income (subtract lines 5, 6 and 7 from line 4)	8	
Section B - Minimum Asset Amount		(A) Prior Year	(B) Current Year (optional)
1	Aggregate fair market value of all non-exempt-use assets (see instructions for short tax year or assets held for part of year):	1	
a	Average monthly value of securities	1a	
b	Average monthly cash balances	1b	
c	Fair market value of other non-exempt-use assets	1c	
d	Total (add lines 1a, 1b, and 1c)	1d	
e	Discount claimed for blockage or other factors (explain in detail in Part VI):		
2	Acquisition indebtedness applicable to non-exempt use assets	2	
3	Subtract line 2 from line 1d	3	
4	Cash deemed held for exempt use. Enter 1-1/2% of line 3 (for greater amount, see instructions).	4	
5	Net value of non-exempt-use assets (subtract line 4 from line 3)	5	
6	Multiply line 5 by .035	6	
7	Recoveries of prior-year distributions	7	
8	Minimum Asset Amount (add line 7 to line 6)	8	
Section C - Distributable Amount			Current Year
1	Adjusted net income for prior year (from Section A, line 8, Column A)	1	
2	Enter 85% of line 1	2	
3	Minimum asset amount for prior year (from Section B, line 8, Column A)	3	
4	Enter greater of line 2 or line 3	4	
5	Income tax imposed in prior year	5	
6	Distributable Amount. Subtract line 5 from line 4, unless subject to emergency temporary reduction (see instructions)	6	
7	☐ Check here if the current year is the organization's first as a non-functionally-integrated Type III supporting organization (see instructions)		

Part V

Type III Non-Functionally Integrated 509(a)(3) Supporting Organizations (continued)

Section D - Distributions	Current Year
1 Amounts paid to supported organizations to accomplish exempt purposes	
2 Amounts paid to perform activity that directly furthers exempt purposes of supported organizations, in excess of income from activity	
3 Administrative expenses paid to accomplish exempt purposes of supported organizations	
4 Amounts paid to acquire exempt-use assets	
5 Qualified set-aside amounts (prior IRS approval required)	
6 Other distributions (describe in Part VI). See instructions	
7 Total annual distributions. Add lines 1 through 6.	
8 Distributions to attentive supported organizations to which the organization is responsive (provide details in Part VI). See instructions	
9 Distributable amount for 2018 from Section C, line 6	
10 Line 8 amount divided by Line 9 amount	

Section E - Distribution Allocations (see instructions)	(i) Excess Distributions	(ii) Underdistributions Pre-2018	(iii) Distributable Amount for 2018
1 Distributable amount for 2018 from Section C, line 6			
2 Underdistributions, if any, for years prior to 2018 (reasonable cause required-- explain in Part VI). See instructions.			
3 Excess distributions carryover, if any, to 2018:			
a From 2013.			
b From 2014.			
c From 2015.			
d From 2016.			
e From 2017.			
f Total of lines 3a through e			
g Applied to underdistributions of prior years			
h Applied to 2018 distributable amount			
i Carryover from 2013 not applied (see instructions)			
j Remainder. Subtract lines 3g, 3h, and 3i from 3f.			
4 Distributions for 2018 from Section D, line 7:			
\$			
a Applied to underdistributions of prior years			
b Applied to 2018 distributable amount			
c Remainder. Subtract lines 4a and 4b from 4.			
5 Remaining underdistributions for years prior to 2018, if any. Subtract lines 3g and 4a from line 2. If the amount is greater than zero, explain in Part VI. See instructions.			
6 Remaining underdistributions for 2018. Subtract lines 3h and 4b from line 1. If the amount is greater than zero, explain in Part VI. See instructions.			
7 Excess distributions carryover to 2019. Add lines 3j and 4c.			
8 Breakdown of line 7:			
a Excess from 2014.			
b Excess from 2015.			
c Excess from 2016.			
d Excess from 2017.			
e Excess from 2018.			

Additional Data

Software ID:
Software Version:
EIN: 26-1939342
Name: ALLIANCE FOR SUSTAINABLE ENERGY LLC

Part VI **Supplemental Information.** Provide the explanations required by Part II, line 10; Part II, line 17a or 17b; Part III, line 12; Part IV, Section A, lines 1, 2, 3b, 3c, 4b, 4c, 5a, 6, 9a, 9b, 9c, 11a, 11b, and 11c; Part IV, Section B, lines 1 and 2; Part IV, Section C, line 1; Part IV, Section D, lines 2 and 3; Part IV, Section E, lines 1c, 2a, 2b, 3a and 3b; Part V, line 1; Part V, Section B, line 1e; Part V Section D, lines 5, 6, and 8; and Part V, Section E, lines 2, 5, and 6. Also complete this part for any additional information. (See instructions).

Facts And Circumstances Test

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.
▶Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2018

Open to Public Inspection

If the organization answered "Yes" on 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" on 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" on 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 ALLIANCE FOR SUSTAINABLE ENERGY LLC	Employer identification number 26-1939342
---	--

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 (see instructions for definition of "political campaign activities")	
2	Political campaign activity expenditures (see instructions)	\$
3	Volunteer hours for political campaign activities (see instructions)	

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?	☐ Yes ☐ No
4a	Was a correction made?	☐ Yes ☐ 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 Form 1120-POL for this year?	☐ Yes ☐ 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-.
1				
2				
3				
4				
5				
6				

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)	0													
b Total lobbying expenditures to influence a legislative body (direct lobbying)	0													
c Total lobbying expenditures (add lines 1a and 1b)	0													
d Other exempt purpose expenditures														
e Total exempt purpose expenditures (add lines 1c and 1d)	0													
f Lobbying nontaxable amount. Enter the amount from the following table in both columns.	0													
<table><thead><tr><th>If the amount on line 1e, column (a) or (b) is:</th><th>The lobbying nontaxable amount is:</th></tr></thead><tbody><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></tbody></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)	0													
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?	☐ Yes ☐ 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) 2015	(b) 2016	(c) 2017	(d) 2018	(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 on 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	
2 Did the organization make only in-house lobbying expenditures of \$2,000 or less?	2	
3 Did the organization agree to carry over lobbying and political expenditures from the prior year?	3	

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	
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	
b	Carryover from last year	2b	
c	Total	2c	
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	

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
------------------	-------------

SCHEDULE D
(Form 990)

Department of the Treasury
Internal Revenue Service

Supplemental Financial Statements

► Complete if the organization answered "Yes," on Form 990, Part IV, line 6, 7, 8, 9, 10, 11a, 11b, 11c, 11d, 11e, 11f, 12a, or 12b.
► Attach to Form 990.
► Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2018

Open to Public Inspection

Name of the organization
ALLIANCE FOR SUSTAINABLE ENERGY LLC

Employer identification number
26-1939342

Part I

Organizations Maintaining Donor Advised Funds or Other Similar Funds or Accounts.
Complete if the organization answered "Yes" on Form 990, Part IV, line 6.

	(a) Donor advised funds	(b) Funds and other accounts
1 Total number at end of year		
2 Aggregate value of contributions to (during year)		
3 Aggregate value of grants from (during year)		
4 Aggregate value at end of year		

5 Did the organization inform all donors and donor advisors in writing that the assets held in donor advised funds are the organization's property, subject to the organization's exclusive legal control?

☐ Yes ☐ No

6 Did the organization inform all grantees, donors, and donor advisors in writing that grant funds can be used only for charitable purposes and not for the benefit of the donor or donor advisor, or for any other purpose conferring impermissible private benefit?

☐ Yes ☐ No

Part II

Conservation Easements. Complete if the organization answered "Yes" on Form 990, Part IV, line 7.

1 Purpose(s) of conservation easements held by the organization (check all that apply).

☐ Preservation of land for public use (e.g., recreation or education)

☐ Preservation of an historically important land area

☐ Protection of natural habitat

☐ Preservation of a certified historic structure

☐ Preservation of open space

2 Complete lines 2a through 2d if the organization held a qualified conservation contribution in the form of a conservation easement on the last day of the tax year.

	Held at the End of the Year
a Total number of conservation easements	2a
b Total acreage restricted by conservation easements	2b
c Number of conservation easements on a certified historic structure included in (a)	2c
d Number of conservation easements included in (c) acquired after 7/25/06, and not on a historic structure listed in the National Register	2d

3 Number of conservation easements modified, transferred, released, extinguished, or terminated by the organization during the tax year ►

4 Number of states where property subject to conservation easement is located ►

5 Does the organization have a written policy regarding the periodic monitoring, inspection, handling of violations, and enforcement of the conservation easements it holds?

☐ Yes ☐ No

6 Staff and volunteer hours devoted to monitoring, inspecting, handling of violations, and enforcing conservation easements during the year ►

7 Amount of expenses incurred in monitoring, inspecting, handling of violations, and enforcing conservation easements during the year ► \$

8 Does each conservation easement reported on line 2(d) above satisfy the requirements of section 170(h)(4)(B)(i) and section 170(h)(4)(B)(ii)?

☐ Yes ☐ No

9 In Part XIII, describe how the organization reports conservation easements in its revenue and expense statement, and balance sheet, and include, if applicable, the text of the footnote to the organization's financial statements that describes the organization's accounting for conservation easements.

Part III

Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets.
Complete if the organization answered "Yes" on Form 990, Part IV, line 8.

1a If the organization elected, as permitted under SFAS 116 (ASC 958), not to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide, in Part XIII, the text of the footnote to its financial statements that describes these items.

b If the organization elected, as permitted under SFAS 116 (ASC 958), to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide the following amounts relating to these items:

(i) Revenue included on Form 990, Part VIII, line 1 ► \$

(ii) Assets included in Form 990, Part X ► \$

2 If the organization received or held works of art, historical treasures, or other similar assets for financial gain, provide the following amounts required to be reported under SFAS 116 (ASC 958) relating to these items:

a Revenue included on Form 990, Part VIII, line 1 ► \$

b Assets included in Form 990, Part X ► \$

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Cat. No. 52283D

Schedule D (Form 990) 2018

Part III

Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets (continued)

3

Using the organization's acquisition, accession, and other records, check any of the following that are a significant use of its collection items (check all that apply):

a

☐ Public exhibition

b

☐ Scholarly research

c

☐ Preservation for future generations

d

☐ Loan or exchange programs

e

☐ Other

4

Provide a description of the organization's collections and explain how they further the organization's exempt purpose in Part XIII.

5

During the year, did the organization solicit or receive donations of art, historical treasures or other similar assets to be sold to raise funds rather than to be maintained as part of the organization's collection? . . .

☐ Yes

☐ No

Part IV

Escrow and Custodial Arrangements.

Complete if the organization answered "Yes" on Form 990, Part IV, line 9, or reported an amount on Form 990, Part X, line 21.

1a

Is the organization an agent, trustee, custodian or other intermediary for contributions or other assets not included on Form 990, Part X?

☐ Yes

☐ No

b

If "Yes," explain the arrangement in Part XIII and complete the following table:

c

Beginning balance

d

Additions during the year

e

Distributions during the year

f

Ending balance

	Amount
1c	
1d	
1e	
1f	

2a

Did the organization include an amount on Form 990, Part X, line 21, for escrow or custodial account liability? . . .

☐ Yes

☐ No

b

If "Yes," explain the arrangement in Part XIII. Check here if the explanation has been provided in Part XIII

☐

Part V

Endowment Funds. Complete if the organization answered "Yes" on Form 990, Part IV, line 10.

	(a)Current year	(b)Prior year	(c)Two years back	(d)Three years back	(e)Four years back
1a	Beginning of year balance				
b	Contributions				
c	Net investment earnings, gains, and losses				
d	Grants or scholarships				
e	Other expenditures for facilities and programs				
f	Administrative expenses				
g	End of year balance				

2

Provide the estimated percentage of the current year end balance (line 1g, column (a)) held as:

a

Board designated or quasi-endowment ▶

b

Permanent endowment ▶

c

Temporarily restricted endowment ▶

The percentages on lines 2a, 2b, and 2c should equal 100%.

3a

Are there endowment funds not in the possession of the organization that are held and administered for the organization by:

(i)

unrelated organizations

(ii)

related organizations

b

If "Yes" on 3a(ii), are the related organizations listed as required on Schedule R?

	Yes	No
3a(i)		
3a(ii)		
3b		

4

Describe in Part XIII the intended uses of the organization's endowment funds.

Part VI

Land, Buildings, and Equipment.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11a. See Form 990, Part X, line 10.

Description of property	(a) Cost or other basis (investment)	(b) Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1a	Land			
b	Buildings			
c	Leasehold improvements			
d	Equipment			
e	Other			
Total.	Add lines 1a through 1e.(Column (d) must equal Form 990, Part X, column (B), line 10(c).) . . . ▶			0

Schedule D (Form 990) 2018

Part VII

Investments—Other Securities. Complete if the organization answered "Yes" on Form 990, Part IV, line 11b.
See Form 990, Part X, line 12.

(a) Description of security or category (including name of security)	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1) Financial derivatives		
(2) Closely-held equity interests		
(3) Other _____		
(A)		
(B)		
(C)		
(D)		
(E)		
(F)		
(G)		
(H)		
Total. (Column (b) must equal Form 990, Part X, col. (B) line 12.) ▶		

Part VIII

Investments—Program Related.
Complete if the organization answered 'Yes' on Form 990, Part IV, line 11c. See Form 990, Part X, line 13.

(a) Description of investment	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1)		
(2)		
(3)		
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
Total. (Column (b) must equal Form 990, Part X, col.(B) line 13.) ▶		

Part IX

Other Assets. Complete if the organization answered 'Yes' on Form 990, Part IV, line 11d. See Form 990, Part X, line 15.

(a) Description	(b) Book value
(1)	
(2)	
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
Total. (Column (b) must equal Form 990, Part X, col.(B) line 15.) ▶	

Part X

Other Liabilities. Complete if the organization answered 'Yes' on Form 990, Part IV, line 11e or 11f.
See Form 990, Part X, line 25.

1. (a) Description of liability	(b) Book value
(1) Federal income taxes	
ADVANCES	29,295,087
(2)	
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
Total. (Column (b) must equal Form 990, Part X, col.(B) line 25.) ▶	29,295,087

2. Liability for uncertain tax positions. In Part XIII, provide the text of the footnote to the organization's financial statements that reports the organization's liability for uncertain tax positions under FIN 48 (ASC 740). Check here if the text of the footnote has been provided in Part XIII ☒

Part XI Reconciliation of Revenue per Audited Financial Statements With Revenue per Return

Complete if the organization answered 'Yes' on Form 990, Part IV, line 12a.

1	Total revenue, gains, and other support per audited financial statements	1	10,656,773
2	Amounts included on line 1 but not on Form 990, Part VIII, line 12:		
a	Net unrealized gains (losses) on investments	2a	
b	Donated services and use of facilities	2b	
c	Recoveries of prior year grants	2c	
d	Other (Describe in Part XIII.)	2d	
e	Add lines 2a through 2d	2e	0
3	Subtract line 2e from line 1	3	10,656,773
4	Amounts included on Form 990, Part VIII, line 12, but not on line 1 :		
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a	
b	Other (Describe in Part XIII.)	4b	482,892,807
c	Add lines 4a and 4b	4c	482,892,807
5	Total revenue. Add lines 3 and 4c . (This must equal Form 990, Part I, line 12.)	5	493,549,580

Part XII Reconciliation of Expenses per Audited Financial Statements With Expenses per Return.

Complete if the organization answered 'Yes' on Form 990, Part IV, line 12a.

1	Total expenses and losses per audited financial statements	1	4,821,186
2	Amounts included on line 1 but not on Form 990, Part IX, line 25:		
a	Donated services and use of facilities	2a	
b	Prior year adjustments	2b	
c	Other losses	2c	
d	Other (Describe in Part XIII.)	2d	
e	Add lines 2a through 2d	2e	0
3	Subtract line 2e from line 1	3	4,821,186
4	Amounts included on Form 990, Part IX, line 25, but not on line 1 :		
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a	
b	Other (Describe in Part XIII.)	4b	483,077,047
c	Add lines 4a and 4b	4c	483,077,047
5	Total expenses. Add lines 3 and 4c . (This must equal Form 990, Part I, line 18.)	5	487,898,233

Part XIII Supplemental Information

Provide the descriptions required for Part II, lines 3, 5, and 9; Part III, lines 1a and 4; Part IV, lines 1b and 2b; Part V, line 4; Part X, line 2; Part XI, lines 2d and 4b; and Part XII, lines 2d and 4b. Also complete this part to provide any additional information.

Return Reference	Explanation
See Additional Data Table	

Part XIII Supplemental Information *(continued)*

Return Reference	Explanation

Additional Data

Software ID:
Software Version:
EIN: 26-1939342
Name: ALLIANCE FOR SUSTAINABLE ENERGY LLC

Supplemental Information

Return Reference	Explanation
PART X, LINE 2:	THE COMPANY IS A NON-PROFIT ORGANIZATION AS DESCRIBED IN SECTION 501(C)(3) OF THE INTERNAL REVENUE CODE AND IS EXEMPT FROM FEDERAL INCOME TAXES ON RELATED INCOME PURSUANT TO SECTION 501(A) OF THE INTERNAL REVENUE CODE. THE COMPANY ADOPTED GUIDELINES RELATED TO UNCERTAINTY IN INCOME TAXES ON JANUARY 1, 2009. AFTER EVALUATING THE TAX POSITIONS TAKEN, NONE ARE CONSIDERED TO BE UNCERTAIN; THEREFORE, NO AMOUNTS HAVE BEEN RECOGNIZED AS OF SEPTEMBER 30, 2019 OR 2018. IF INCURRED, THE INTEREST AND PENALTIES ASSOCIATED WITH TAX POSITIONS ARE RECORDED IN THE PERIOD ASSESSED AS GENERAL AND ADMINISTRATIVE EXPENSE. NO INTEREST OR PENALTIES HAVE BEEN ASSESSED AS OF SEPTEMBER 30, 2019 OR 2018. TAX YEARS THAT REMAIN SUBJECT TO EXAMINATION INCLUDE 2016 THROUGH 2019.

Supplemental Information	
Return Reference	Explanation
PART XI, LINE 4B - OTHER ADJUSTMENTS:	RESTRICTED OPERATIONS 783,724. GOVERNMENT CONTRACT REVENUE 482,109,083.

Supplemental Information	
Return Reference	Explanation
PART XII, LINE 4B - OTHER ADJUSTMENTS:	RESTRICTED OPERATIONS 967,964. GOVERNMENT CONTRACT REVENUE 482,109,083.

SCHEDULE F
(Form 990)

Department of the Treasury
Internal Revenue Service

Statement of Activities Outside the United States

► Complete if the organization answered "Yes" to Form 990, Part IV, line 14b, 15, or 16.
► Attach to Form 990.
► Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2018

Open to Public Inspection

Name of the organization
ALLIANCE FOR SUSTAINABLE ENERGY LLC

Employer identification number
26-1939342

Part I

General Information on Activities Outside the United States. Complete if the organization answered "Yes" to Form 990, Part IV, line 14b.

- 1 For grantmakers. Does the organization maintain records to substantiate the amount of its grants and other assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☐ Yes ☐ No
- 2 For grantmakers. Describe in Part V the organization's procedures for monitoring the use of its grants and other assistance outside the United States.
- 3 Activities per Region. (The following Part I, line 3 table can be duplicated if additional space is needed.)

(a) Region	(b) Number of offices in the region	(c) Number of employees, agents, and independent contractors in region	(d) Activities conducted in region (by type) (e.g., fundraising, program services, investments, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for and investments in region
EUROPE (INCLUDING ICELAND & GREENLAND) - ALBANIA, ANDORRA, AUSTRIA, BELGIUM	0	2	PROGRAM SERVICES	ONE ALLIANCE EMPLOYEE THROUGH AN INVITED COLLABORATION WITH LOUGHBOROUGH UNIVERSITY TO ENHANCE CAPABILITIES IN THE AREA OF PV MODULE PERFORMANCE, RELIABILITY, AND CHARACTERIZATION. ONE ALLIANCE EMPLOYEE RESEARCHING, EVALUATING, AND LEADING BENCHMARKING EFFORTS IN THE EXPANDING REGIONAL AND COMMUNITY BANKS INVOLVEMENT IN PROVIDING FINANCING FOR THE PV INDUSTRY.	148,579
3a Sub-total	0	2			148,579
b Total from continuation sheets to Part I					0
c Totals (add lines 3a and 3b)	0	2			148,579

Part II **Grants and Other Assistance to Organizations or Entities Outside the United States.** Complete if the organization answered "Yes" to Form 990, Part IV, line 15, for any recipient who received more than \$5,000. Part II can be duplicated if additional space is needed.

1	(a) Name of organization	(b) IRS code section and EIN (if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)

- 2 Enter total number of recipient organizations listed above that are recognized as charities by the foreign country, recognized as tax-exempt by the IRS, or for which the grantee or counsel has provided a section 501(c)(3) equivalency letter ► _____
- 3 Enter total number of other organizations or entities ► _____

Part III	Grants and Other Assistance to Individuals Outside the United States. Complete if the organization answered "Yes" to Form 990, Part IV, line 16.
-----------------	---

Part III can be duplicated if additional space is needed.

[illegible]

Part IV Foreign Forms

- 1 Was the organization a U.S. transferor of property to a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 926, Return by a U.S. Transferor of Property to a Foreign Corporation (see Instructions for Form 926)* ☐ Yes ☒ No
- 2 Did the organization have an interest in a foreign trust during the tax year? *If "Yes," the organization may be required to separately file Form 3520, Annual Return to Report Transactions with Foreign Trusts and Receipt of Certain Foreign Gifts, and/or Form 3520-A, Annual Information Return of Foreign Trust With a U.S. Owner (see Instructions for Forms 3520 and 3520-A; don't file with Form 990)* ☐ Yes ☒ No
- 3 Did the organization have an ownership interest in a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 5471, Information Return of U.S. Persons with Respect to Certain Foreign Corporations. (see Instructions for Form 5471)* ☐ Yes ☒ No
- 4 Was the organization a direct or indirect shareholder of a passive foreign investment company or a qualified electing fund during the tax year? *If "Yes," the organization may be required to file Form 8621, Information Return by a Shareholder of a Passive Foreign Investment Company or Qualified Electing Fund. (see Instructions for Form 8621)* . ☐ Yes ☒ No
- 5 Did the organization have an ownership interest in a foreign partnership during the tax year? *If "Yes," the organization may be required to file Form 8865, Return of U.S. Persons with Respect to Certain Foreign Partnerships (see Instructions for Form 8865)* ☐ Yes ☒ No
- 6 Did the organization have any operations in or related to any boycotting countries during the tax year? *If "Yes," the organization may be required to separately file Form 5713, International Boycott Report (see Instructions for Form 5713; don't file with Form 990).* ☐ Yes ☒ No

Part V **Supplemental Information**

Provide the information required by Part I, line 2 (monitoring of funds); Part I, line 3, column (f) (accounting method; amounts of investments vs. expenditures per region); Part II, line 1 (accounting method); Part III (accounting method); and Part III, column (c) (estimated number of recipients), as applicable. Also complete this part to provide any additional information (see instructions).

ReturnReference	Explanation

Schedule J (Form 990)	Compensation Information	OMB No. 1545-0047
		2018
Department of the Treasury Internal Revenue Service	For certain Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees ▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 23. ▶ Attach to Form 990. ▶ Go to www.irs.gov/Form990 for instructions and the latest information.	
Name of the organization ALLIANCE FOR SUSTAINABLE ENERGY LLC		Employer identification number 26-1939342

Part I Questions Regarding Compensation		Yes	No
1a Check the appropriate box(es) if the organization provided any of the following to or for a person listed on Form 990, Part VII, Section A, line 1a. Complete Part III to provide any relevant information regarding these items.			
☐ First-class or charter travel	☐ Housing allowance or residence for personal use		
☐ Travel for companions	☐ Payments for business use of personal residence		
☒ Tax indemnification and gross-up payments	☐ Health or social club dues or initiation fees		
☐ Discretionary spending account	☐ Personal services (e.g., maid, chauffeur, chef)		
b 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		1b Yes	
2 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?		2 Yes	
3 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.			
☒ Compensation committee	☒ Written employment contract		
☒ Independent compensation consultant	☒ Compensation survey or study		
☐ Form 990 of other organizations	☒ Approval by the board or compensation committee		
4 During the year, did any person listed on Form 990, Part VII, Section A, line 1a, with respect to the filing organization or a related organization:			
a Receive a severance payment or change-of-control payment?		4a	No
b Participate in, or receive payment from, a supplemental nonqualified retirement plan?		4b	No
c Participate in, or receive payment from, an equity-based compensation arrangement?		4c	No
If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III.			
Only 501(c)(3), 501(c)(4), and 501(c)(29) organizations must complete lines 5-9.			
5 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the revenues of:			
a The organization?		5a	No
b Any related organization?		5b	No
If "Yes," on line 5a or 5b, describe in Part III.			
6 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the net earnings of:			
a The organization?		6a	No
b Any related organization?		6b	No
If "Yes," on line 6a or 6b, describe in Part III.			
7 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization provide any nonfixed payments not described in lines 5 and 6? If "Yes," describe in Part III.		7 Yes	
8 Were any amounts reported on 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.		8	No
9 If "Yes" on line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53.4958-6(c)?		9	

For each individual whose compensation must be reported on 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.

[illegible]

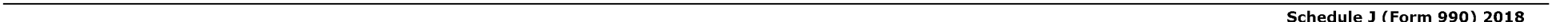
Part III **Supplemental Information**

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
PART I, LINE 1A	DR. MARTIN KELLER, DR. ROBERT LELAND, AND MS. DEBORAH DOEL-HAMMOND RECEIVED GROSS-UP RELOCATION PAYMENTS, WHICH WERE INCLUDED IN THEIR TAXABLE COMPENSATION.

Return Reference	Explanation
PART I, LINE 7	THE ALLIANCE'S INCENTIVE PROGRAM INCLUDES TWO PLANS AND MULTIPLE TIERS WITHIN EACH PLAN. THESE TIERS ARE TARGETED TO SPECIFIC JOB TITLES, WITH EACH FEATURING A TARGET INCENTIVE AS A PERCENTAGE OF BASE PAY. PAYOUTS ARE BASED ON TWO FACTORS; EACH PARTICIPANT'S INDIVIDUAL PERFORMANCE AND THE LAB'S OVERALL PERFORMANCE.

Return Reference	Explanation
PART II:	THE ALLIANCE'S TOTAL COMPENSATION PACKAGE CONSISTS OF BASE SALARIES OR HOURLY RATES OF PAY; SHORT AND LONG-TERM INCENTIVE COMPENSATION PROGRAMS TIED TO CORPORATE AND INDIVIDUAL PERFORMANCE; QUALIFIED DEFINED BENEFIT FOR ELIGIBLE EMPLOYEES AND DEFINED CONTRIBUTION EMPLOYEE BENEFIT PLANS; NONQUALIFIED PLANS AND CASH PAYMENT ARRANGEMENTS; VARIOUS EMPLOYEE WELFARE BENEFIT PLANS AND GROUP INSURANCES; PAID LEAVE TIME; TUITION REIMBURSEMENT; AND MISCELLANEOUS DE MINIMIS, WORKING CONDITION FRINGE BENEFITS, AND QUALIFIED MOVING EXPENSE REIMBURSEMENTS. DEFERRED COMPENSATION FROM RETIREMENT PLANS REPORTED IN SCHEDULE J, PART II, COLUMN C REFLECTS THE IMPACT OF THE CHANGES IN THE DISCOUNT RATE AND ACTUARIAL IMPACTS OF SALARY GROWTH, AGE, AND ADDITIONAL SERVICE AND OTHER ACTUARIAL FACTORS, THEREBY INCREASING OR DECREASING THE AMOUNTS.



Additional Data

Software ID:
Software Version:
EIN: 26-1939342
Name: ALLIANCE FOR SUSTAINABLE ENERGY LLC

Form 990, Schedule J, Part II - Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees

(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 on prior Form 990
		(i) Base Compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation				
DR MARTIN KELLER PRESIDENT	(i)	453,502	213,529	123,269	36,866	34,220	861,386	0
	(ii)	0	0	0	0	0	0	0
MS BOBI GARRETT SENIOR VP	(i)	346,515	137,982	3,801	-204,654	17,810	301,454	0
	(ii)	0	0	0	0	0	0	0
DR PETER GREEN SENIOR VP	(i)	337,246	126,730	2,322	45,160	26,925	538,383	0
	(ii)	0	0	0	0	0	0	0
MR STEVEN SILBERGLEID SECRETARY	(i)	269,717	53,022	3,931	41,693	23,520	391,883	0
	(ii)	0	0	0	0	0	0	0
MR OWEN BARWELL CFO	(i)	274,361	60,588	1,026	36,553	29,087	401,615	0
	(ii)	0	0	0	0	0	0	0
DR ROBERT LELAND ASSOCIATE LAB DIRECTOR	(i)	302,250	67,672	118,800	2,933	8,899	500,554	0
	(ii)	0	0	0	0	0	0	0
MS DEBORAH DOEL- HAMMOND CHIEF HR OFFICER	(i)	132,582	61,871	239,283	2,601	12,443	448,780	0
	(ii)	0	0	0	0	0	0	0
DR JOHNEY GREEN ASSOCIATE LAB DIRECTOR	(i)	295,372	83,150	731	6,875	31,990	418,118	0
	(ii)	0	0	0	0	0	0	0
MR JUAN TORRES ASSOCIATE LAB DIRECTOR	(i)	295,233	81,741	1,098	6,875	9,416	394,363	0
	(ii)	0	0	0	0	0	0	0
DR WILLIAM TUMAS ASSOCIATE LAB DIRECTOR	(i)	288,891	81,528	3,073	54,781	12,589	440,862	0
	(ii)	0	0	0	0	0	0	0

SCHEDULE O
(Form 990 or 990-EZ)

Department of the Treasury

Internal Revenue Service

ALLIANCE FOR SUSTAINABLE ENERGY LLC

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.

▶ Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2018

Open to Public Inspection

Employer identification number

26-1939342

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VI, SECTION B, LINE 11B	THE ALLIANCE BOARD OF DIRECTORS HAS ASSIGNED TO THE ALLIANCE FINANCE AND AUDIT COMMITTEE, THROUGH THE COMMITTEE CHARTER, THE RESPONSIBILITY TO REVIEW AND APPROVE THE FORM 990. THE RETURN IS PROVIDED TO THE BOARD OF DIRECTORS PRIOR TO FILING.

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VI, SECTION B, LINE 12C	ALL ALLIANCE EMPLOYEES ARE REQUIRED TO ATTEND ETHICS TRAINING WHICH PERIODICALLY INCLUDES THE PROCESS FOR IDENTIFICATION AND DISCLOSURE OF CONFLICTS OF INTEREST. EMPLOYEES ARE REQUIRED TO FILE A WRITTEN DISCLOSURE STATEMENT CONCERNING OUTSIDE ACTIVITIES AND/OR ACTUAL OR POTENTIAL CONFLICTS OF INTEREST BETWEEN THE EMPLOYEE'S WORK AND PERSONAL, FINANCIAL, OR BUSINESS INTERESTS. THE EMPLOYEE'S COGNIZANT LINE MANAGEMENT IS RESPONSIBLE FOR THE REVIEW AND APPROVAL OF EMPLOYEE REQUESTS FOR APPROVAL OF OUTSIDE ACTIVITIES WHICH ARE OF CONCERN TO ALLIANCE. EMPLOYEES WHOSE REGULAR RESPONSIBILITIES INVOLVE MANAGING OR EXECUTING LICENSE AGREEMENTS FOR INTELLECTUAL PROPERTY OR THE PREPARATION OR EXECUTION OF COOPERATIVE RESEARCH AND DEVELOPMENT AGREEMENTS (CRADAS) OR OTHER TECHNOLOGY TRANSFER OR TECHNOLOGY PARTNERSHIP ARRANGEMENTS MUST ANNUALLY OR UPON CHANGES IN RELEVANT PERSONAL OR FAMILY CIRCUMSTANCES OR THE NATURE OF WORK ASSIGNED, COMPLETE AN EMPLOYEE'S STATEMENT OF ECONOMIC INTEREST. IF AN ACTUAL OR POTENTIAL CONFLICT OF INTEREST EXISTS, THE EMPLOYEE CONSULTS WITH THE GENERAL COUNSEL OR DESIGNEE TO IDENTIFY AND IMPLEMENT MITIGATION OR AVOIDANCE ACTIONS, OR RECUSES SELF IF AN APPROPRIATE MITIGATION OR AVOIDANCE ACTION CANNOT BE IDENTIFIED. ALL ALLIANCE OFFICERS AND BOARD OF DIRECTOR MEMBERS ARE REQUIRED TO SUBMIT A CONFLICT OF INTEREST DISCLOSURE UPON APPOINTMENT, AND AN ANNUAL CONFLICT OF INTEREST DISCLOSURE AND RECEIVE ANNUAL ORGANIZATIONAL CONFLICTS OF INTEREST TRAINING.

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VI, SECTION B, LINE 15	GOVERNANCE OF EXECUTIVE COMPENSATION IS CHARTERED THROUGH THE ALLIANCE HUMAN RESOURCES COMPENSATION COMMITTEE. EXTERNAL THIRD PARTY RESOURCES ARE RETAINED ON A BIENNIAL BASIS TO REVIEW ALL ELEMENTS OF EXECUTIVE REMUNERATION (BASE SALARY, ANNUAL INCENTIVES, RETIREMENT BENEFITS, HEALTH AND WELFARE BENEFITS, AND EXECUTIVE PREREQUISITES) TO INSURE COMPETITIVENESS OF ALL THE ELEMENTS OF CASH COMPENSATION RELATIVE TO THE MARKET FOR BOTH BASE COMPENSATION AND TOTAL COMPENSATION. THERE ARE NO PERSONS SERVING ON THE COMPENSATION COMMITTEE WITH A CONFLICT OF INTEREST WITH RESPECT TO THE COMPENSATION ARRANGEMENTS. CONTEMPORANEOUS DOCUMENTATION AND RECORDS ARE RETAINED. THE LAST COMPENSATION REVIEW OCCURRED ON NOVEMBER 15, 2019.

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART VI, SECTION C, LINE 19	ALLIANCE MAKES ITS GOVERNING DOCUMENTS, CONFLICT OF INTEREST POLICY AND FINANCIAL STATEMENTS AVAILABLE TO THE PUBLIC UPON REQUEST.

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990, PART XI, LINE 9:	DISTRIBUTIONS -5,050,489.

990 Schedule O, Supplemental Information

Return Reference	Explanation
FORM 990 PART XII LINE 2C	THE ORGANIZATION DID NOT CHANGE ITS AUDIT OVERSIGHT PROCESS DURING THE YEAR.

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.
▶ Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2018

Open to Public Inspection

Name of the organization
ALLIANCE FOR SUSTAINABLE ENERGY LLC

Employer identification number
26-1939342

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)MRIGLOBAL 425 VOLKER BLVD KANSAS CITY, MO 64110 44-0545878	SCIENTIFIC RESEARCH	MO	501(C)(3)	PUBLIC CHARITY			No
(2)BATTELLE MEMORIAL INSTITUTE 505 KING AVENUE COLUMBUS, OH 43201 31-4379427	SCIENTIFIC RESEARCH	OH	501(C)(3)	PUBLIC CHARITY			No

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) 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	

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?

	Yes	No
a Receipt of (i) interest, (ii) annuities, (iii) royalties, or (iv) rent from a controlled entity	1a	No
b Gift, grant, or capital contribution to related organization(s)	1b	No
c Gift, grant, or capital contribution from related organization(s)	1c	No
d Loans or loan guarantees to or for related organization(s)	1d	No
e Loans or loan guarantees by related organization(s)	1e	No
f Dividends from related organization(s)	1f	No
g Sale of assets to related organization(s)	1g	No
h Purchase of assets from related organization(s)	1h	No
i Exchange of assets with related organization(s)	1i	No
j Lease of facilities, equipment, or other assets to related organization(s)	1j	No
k Lease of facilities, equipment, or other assets from related organization(s)	1k	No
l Performance of services or membership or fundraising solicitations for related organization(s)	1l	Yes
m Performance of services or membership or fundraising solicitations by related organization(s)	1m	Yes
n Sharing of facilities, equipment, mailing lists, or other assets with related organization(s)	1n	No
o Sharing of paid employees with related organization(s)	1o	Yes
p Reimbursement paid to related organization(s) for expenses	1p	No
q Reimbursement paid by related organization(s) for expenses	1q	No
r Other transfer of cash or property to related organization(s)	1r	No
s Other transfer of cash or property from related organization(s)	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
(1)MRIGLOBAL	L	16,099	BOOK VALUE
(2)MRIGLOBAL	M	425,696	BOOK VALUE
(3)BATTELLE MEMORIAL INSTITUTE	M	793,510	BOOK VALUE
(4)BATTELLE MEMORIAL INSTITUTE	L	7,777,781	BOOK VALUE
(5)BATTELLE MEMORIAL INSTITUTE	O	533,265	BOOK VALUE

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.

[illegible]

Part VII

Supplemental Information

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

Return Reference	Explanation