

Form **990**  
Department of the Treasury  
Internal Revenue Service

# Return of Organization Exempt From Income Tax

Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations)  
▶ Do not enter social security numbers on this form as it may be made public  
▶ Information about Form 990 and its instructions is at [www.irs.gov/form990](http://www.irs.gov/form990)

OMB No 1545-0047  
**2017**  
**Open to Public Inspection**

**A** For the **2017** calendar year, or tax year beginning **01-01-2017** , and ending **12-31-2017**

- B** Check if applicable
- Address change
  - Name change
  - Initial return
  - Final return/terminated
  - Amended return
  - Application pending

<b>C</b> Name of organization HYDROGEN EDUCATION FOUNDATION	
Doing business as	
Number and street (or P O box if mail is not delivered to street address)	Room/suite
1211 CONNECTICUT AVE NW NO 650	
City or town, state or province, country, and ZIP or foreign postal code WASHINGTON, DC 20036	
<b>E</b> <del>Name and address of current officer</del>	

<b>D</b> Employer identification number 20-5020384
<b>E</b> Telephone number (202) 223-5547
<b>G</b> Gross receipts \$ 1,051,698

**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

THE HYDROGEN EDUCATION FOUNDATION PROMOTES HYDROGEN ENERGY TECHNOLOGIES THROUGH STUDENT SCHOLARSHIPS, INNOVATIVE NATIONAL CHAMPIONSHIPS, AND EDUCATIONAL PROGRAMS TO ENCOURAGE ENVIRONMENTAL STEWARDSHIP, IMPROVE ENERGY SECURITY, AND CREATE GREEN JOBS

**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 \$ 13,500 including grants of \$ ) (Revenue \$ 35,000 )  
See Additional Data

**4b** (Code ) (Expenses \$ 1,015,544 including grants of \$ 1,000,000 ) (Revenue \$ )  
See Additional Data

**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 ▶ 1,029,044

**Part IV Checklist of Required Schedules**

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

**Part IV Checklist of Required Schedules** (continued)

	Yes	No
<b>20a</b> Did the organization operate one or more hospital facilities? <i>If "Yes," complete Schedule H . . . . .</i>		No
<b>b</b> If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?		
<b>21</b> Did the organization report more than \$5,000 of grants or other assistance to any domestic organization or domestic government on Part IX, column (A), line 1? <i>If "Yes," complete Schedule I, Parts I and II . . . . .</i>	Yes	
<b>22</b> Did the organization report more than \$5,000 of grants or other assistance to or for domestic individuals on Part IX, column (A), line 2? <i>If "Yes," complete Schedule I, Parts I and III . . . . .</i>		No
<b>23</b> 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>		No
<b>24a</b> 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>b</b> Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception? . . . . .		
<b>c</b> Did the organization maintain an escrow account other than a refunding escrow at any time during the year to defease any tax-exempt bonds? . . . . .		
<b>d</b> Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year? . . . . .		
<b>25a Section 501(c)(3), 501(c)(4), and 501(c)(29) organizations.</b> Did the organization engage in an excess benefit transaction with a disqualified person during the year? <i>If "Yes," complete Schedule L, Part I . . . . .</i>		No
<b>b</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>		No
<b>26</b> 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>		No
<b>27</b> 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>		No
<b>28</b> 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)		
<b>a</b> A current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV . . . . .</i>		No
<b>b</b> A family member of a current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV . . . . .</i>		No
<b>c</b> 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>		No
<b>29</b> Did the organization receive more than \$25,000 in non-cash contributions? <i>If "Yes," complete Schedule M . . . . .</i>		No
<b>30</b> Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? <i>If "Yes," complete Schedule M . . . . .</i>		No
<b>31</b> Did the organization liquidate, terminate, or dissolve and cease operations? <i>If "Yes," complete Schedule N, Part I . . . . .</i>		No
<b>32</b> 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>		No
<b>33</b> 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>		No
<b>34</b> 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>		No
<b>35a</b> Did the organization have a controlled entity within the meaning of section 512(b)(13)?		No
<b>b</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>		
<b>36 Section 501(c)(3) organizations.</b> Did the organization make any transfers to an exempt non-charitable related organization? <i>If "Yes," complete Schedule R, Part V, line 2 . . . . .</i>		No
<b>37</b> 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>		No
<b>38</b> Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11b and 19? <b>Note.</b> All Form 990 filers are required to complete Schedule O . . . . .	Yes	

Part V Statements Regarding Other IRS Filings and Tax Compliance

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

Table with columns for question ID, question text, and Yes/No response boxes. Includes sections for backup withholding, employee reporting, foreign accounts, prohibited tax shelter transactions, deductible contributions, and 501(c)(7), (12), and (29) organizations.

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 [X]

Section A. Governing Body and Management

Table with 3 columns: Question, Yes, No. Rows include: 1a (Voting members), 1b (Independent members), 2 (Family/Business relationships), 3 (Delegation of control), 4 (Changes in governing documents), 5 (Asset diversion), 6 (Members/stockholders), 7a (Power to elect/appoint), 7b (Governance decisions), 8 (Meeting documentation), 8a (Governing body), 8b (Committee), 9 (Officer/employee reachability).

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

Table with 3 columns: Question, Yes, No. Rows include: 10a (Local chapters), 10b (Policies for chapters), 11a (Form 990 distribution), 11b (Review process), 12a (Conflict of interest policy), 12b (Disclosure of interests), 12c (Compliance monitoring), 13 (Whistleblower policy), 14 (Document retention), 15a/b (Compensation review), 16a (Investment/arrangements), 16b (Participation policy).

Section C. Disclosure

Table with 3 columns: Question, Yes, No. Rows include: 17 (States for Form 990), 18 (Public inspection methods), 19 (Governing documents availability), 20 (Person with books/records).





**Part VIII Statement of Revenue**

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

			(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512-514	
<b>Contributions, Gifts, Grants and Other Similar Amounts</b>	<b>1a</b> Federated campaigns . . .	<b>1a</b>					
	<b>b</b> Membership dues . . .	<b>1b</b>					
	<b>c</b> Fundraising events . . .	<b>1c</b>					
	<b>d</b> Related organizations	<b>1d</b>					
	<b>e</b> Government grants (contributions)	<b>1e</b>	1,016,698				
	<b>f</b> All other contributions, gifts, grants, and similar amounts not included above	<b>1f</b>					
	<b>g</b> Noncash contributions included in lines 1a-1f \$ _____						
	<b>h Total.</b> Add lines 1a-1f . . . . .		1,016,698				
<b>Program Service Revenue</b>		Business Code					
	<b>2a</b> STUDENT DESIGN CONTEST	541700	35,000	35,000			
	<b>b</b> _____						
	<b>c</b> _____						
	<b>d</b> _____						
	<b>e</b> _____						
	<b>f</b> All other program service revenue						
<b>g Total.</b> Add lines 2a-2f . . . . .		35,000					
<b>Other Revenue</b>	<b>3</b> Investment income (including dividends, interest, and other similar amounts) . . . . .						
	<b>4</b> Income from investment of tax-exempt bond proceeds						
	<b>5</b> Royalties . . . . .						
	<b>6a</b> Gross rents	(i) Real	(ii) Personal				
		<b>b</b> Less rental expenses					
		<b>c</b> Rental income or (loss)					
		<b>d</b> Net rental income or (loss) . . . . .					
	<b>7a</b> Gross amount from sales of assets other than inventory	(i) Securities	(ii) Other				
		<b>b</b> Less cost or other basis and sales expenses					
		<b>c</b> Gain or (loss)					
		<b>d</b> Net gain or (loss) . . . . .					
	<b>8a</b> Gross income from fundraising events (not including \$ _____ of contributions reported on line 1c) See Part IV, line 18 . . . . .	<b>a</b>					
		<b>b</b> Less direct expenses . . . . .	<b>b</b>				
		<b>c</b> Net income or (loss) from fundraising events . . . . .					
	<b>9a</b> Gross income from gaming activities See Part IV, line 19 . . . . .	<b>a</b>					
<b>b</b> Less direct expenses . . . . .		<b>b</b>					
<b>c</b> Net income or (loss) from gaming activities . . . . .							
<b>10a</b> Gross sales of inventory, less returns and allowances . . . . .	<b>a</b>						
	<b>b</b> Less cost of goods sold . . . . .	<b>b</b>					
	<b>c</b> Net income or (loss) from sales of inventory . . . . .						
Miscellaneous Revenue	Business Code						
<b>11a</b>							
<b>b</b> _____							
<b>c</b> _____							
<b>d</b> All other revenue . . . . .							
<b>e Total.</b> Add lines 11a-11d . . . . .							
<b>12 Total revenue.</b> See Instructions . . . . .		1,051,698	35,000	0	0		

**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
<b>Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.</b>				
<b>1</b> Grants and other assistance to domestic organizations and domestic governments See Part IV, line 21	1,000,000	1,000,000		
<b>2</b> Grants and other assistance to domestic individuals See Part IV, line 22				
<b>3</b> Grants and other assistance to foreign organizations, foreign governments, and foreign individuals See Part IV, line 15 and 16				
<b>4</b> Benefits paid to or for members				
<b>5</b> Compensation of current officers, directors, trustees, and key employees				
<b>6</b> Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B)				
<b>7</b> Other salaries and wages				
<b>8</b> Pension plan accruals and contributions (include section 401 (k) and 403(b) employer contributions)				
<b>9</b> Other employee benefits				
<b>10</b> Payroll taxes				
<b>11</b> Fees for services (non-employees)				
<b>a</b> Management	15,544	15,544		
<b>b</b> Legal				
<b>c</b> Accounting	400		400	
<b>d</b> Lobbying				
<b>e</b> Professional fundraising services See Part IV, line 17				
<b>f</b> Investment management fees				
<b>g</b> Other (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O)				
<b>12</b> Advertising and promotion				
<b>13</b> Office expenses				
<b>14</b> Information technology				
<b>15</b> Royalties				
<b>16</b> Occupancy				
<b>17</b> Travel				
<b>18</b> Payments of travel or entertainment expenses for any federal, state, or local public officials				
<b>19</b> Conferences, conventions, and meetings				
<b>20</b> Interest				
<b>21</b> Payments to affiliates				
<b>22</b> Depreciation, depletion, and amortization				
<b>23</b> Insurance				
<b>24</b> 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)				
<b>a</b> STUDENT DESIGN CONTEST	13,500	13,500		
<b>b</b> BANK FEES	114		114	
<b>c</b>				
<b>d</b>				
<b>e</b> All other expenses				
<b>25 Total functional expenses.</b> Add lines 1 through 24e	1,029,558	1,029,044	514	0
<b>26 Joint costs.</b> Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation. Check here <input type="checkbox"/> if following SOP 98-2 (ASC 958-720)				

**Part X Balance Sheet**

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

		(A) Beginning of year		(B) End of year
<b>Assets</b>	<b>1</b> Cash—non-interest-bearing . . . . .	689	<b>1</b>	22,535
	<b>2</b> Savings and temporary cash investments . . . . .		<b>2</b>	
	<b>3</b> Pledges and grants receivable, net . . . . .		<b>3</b>	
	<b>4</b> Accounts receivable, net . . . . .	153	<b>4</b>	38
	<b>5</b> Loans and other receivables from current and former officers, directors, trustees, key employees, and highest compensated employees Complete Part II of Schedule L . . . . .		<b>5</b>	
	<b>6</b> 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 . . . . .		<b>6</b>	
	<b>7</b> Notes and loans receivable, net . . . . .		<b>7</b>	
	<b>8</b> Inventories for sale or use . . . . .		<b>8</b>	
	<b>9</b> Prepaid expenses and deferred charges . . . . .		<b>9</b>	
	<b>10a</b> Land, buildings, and equipment cost or other basis Complete Part VI of Schedule D	<b>10a</b>		
	<b>b</b> Less accumulated depreciation	<b>10b</b>		<b>10c</b>
	<b>11</b> Investments—publicly traded securities . . . . .		<b>11</b>	
	<b>12</b> Investments—other securities See Part IV, line 11 . . . . .		<b>12</b>	
	<b>13</b> Investments—program-related See Part IV, line 11 . . . . .		<b>13</b>	
	<b>14</b> Intangible assets . . . . .		<b>14</b>	
	<b>15</b> Other assets See Part IV, line 11 . . . . .		<b>15</b>	
<b>16 Total assets.</b> Add lines 1 through 15 (must equal line 34) . . . . .	842	<b>16</b>	22,573	
<b>Liabilities</b>	<b>17</b> Accounts payable and accrued expenses . . . . .	444	<b>17</b>	35
	<b>18</b> Grants payable . . . . .		<b>18</b>	
	<b>19</b> Deferred revenue . . . . .		<b>19</b>	
	<b>20</b> Tax-exempt bond liabilities . . . . .		<b>20</b>	
	<b>21</b> Escrow or custodial account liability Complete Part IV of Schedule D		<b>21</b>	
	<b>22</b> 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 . . . . .		<b>22</b>	
	<b>23</b> Secured mortgages and notes payable to unrelated third parties . . . . .		<b>23</b>	
	<b>24</b> Unsecured notes and loans payable to unrelated third parties . . . . .		<b>24</b>	
	<b>25</b> 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		<b>25</b>	
	<b>26 Total liabilities.</b> Add lines 17 through 25 . . . . .	444	<b>26</b>	35
<b>Net Assets or Fund Balances</b>	<b>27 Organizations that follow SFAS 117 (ASC 958), check here <input checked="" type="checkbox"/> and complete lines 27 through 29, and lines 33 and 34.</b> Unrestricted net assets		<b>27</b>	
	<b>28</b> Temporarily restricted net assets . . . . .		<b>28</b>	
	<b>29</b> Permanently restricted net assets		<b>29</b>	
	<b>30 Organizations that do not follow SFAS 117 (ASC 958), check here <input type="checkbox"/> and complete lines 30 through 34.</b> Capital stock or trust principal, or current funds . . . . .		<b>30</b>	
	<b>31</b> Paid-in or capital surplus, or land, building or equipment fund . . . . .		<b>31</b>	
	<b>32</b> Retained earnings, endowment, accumulated income, or other funds		<b>32</b>	
	<b>33 Total net assets or fund balances . . . . .</b>	398	<b>33</b>	22,538
	<b>34 Total liabilities and net assets/fund balances . . . . .</b>	842	<b>34</b>	22,573

**Part XI Reconciliation of Net Assets**

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

<b>1</b>	Total revenue (must equal Part VIII, column (A), line 12) . . . . .	<b>1</b>	1,051,698
<b>2</b>	Total expenses (must equal Part IX, column (A), line 25) . . . . .	<b>2</b>	1,029,558
<b>3</b>	Revenue less expenses Subtract line 2 from line 1 . . . . .	<b>3</b>	22,140
<b>4</b>	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A)) . . . . .	<b>4</b>	398
<b>5</b>	Net unrealized gains (losses) on investments . . . . .	<b>5</b>	
<b>6</b>	Donated services and use of facilities . . . . .	<b>6</b>	
<b>7</b>	Investment expenses . . . . .	<b>7</b>	
<b>8</b>	Prior period adjustments . . . . .	<b>8</b>	
<b>9</b>	Other changes in net assets or fund balances (explain in Schedule O) . . . . .	<b>9</b>	0
<b>10</b>	Net assets or fund balances at end of year Combine lines 3 through 9 (must equal Part X, line 33, column (B))	<b>10</b>	22,538

**Part XII Financial Statements and Reporting**

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

		Yes	No
<p><b>1</b> Accounting method used to prepare the Form 990 <input type="checkbox"/> Cash <input checked="" type="checkbox"/> Accrual <input type="checkbox"/> Other _____                      If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule O</p>			
<p><b>2a</b> Were the organization's financial statements compiled or reviewed by an independent accountant?                      If 'Yes,' check a box below to indicate whether the financial statements for the year were compiled or reviewed on a separate basis, consolidated basis, or both  <input type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis</p>	<b>2a</b>		No
<p><b>b</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  <input type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis</p>	<b>2b</b>		No
<p><b>c</b> 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</p>	<b>2c</b>		
<p><b>3a</b> 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?</p>	<b>3a</b>		No
<p><b>b</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</p>	<b>3b</b>		

## Additional Data

**Software ID:**

**Software Version:**

**EIN:** 20-5020384

**Name:** HYDROGEN EDUCATION FOUNDATION

Form 990 (2017)

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**Form 990, Part III, Line 4a:**

HYDROGEN STUDENT DESIGN CONTEST AN EDUCATIONAL EFFORT TO STIMULATE COLLEGE STUDENTS TO THINK ABOUT HYDROGEN AND DEVELOP INNOVATIVE TECHNOLOGY TO BE SHOWCASED THE CONTEST WILL CREATE A FORUM FOR UNIVERSITY LEVEL STUDENTS STUDYING A VARIETY OF DISCIPLINES TO APPLY THEIR ACADEMIC SKILLS AND CREATIVITY TO THE DESIGN OF A HYDROGEN SYSTEM HEF ANTICIPATES THAT EACH YEAR, BASED ON A DIFFERENT THEME, DOZENS OF MULTI-DISCIPLINARY STUDENT TEAMS FROM AROUND THE WORLD WILL DESIGN A COMPREHENSIVE HYDROGEN SYSTEM THAT IS EVALUATED BY A TEAM OF JUDGES BASED ON THE AESTHETIC DESIGN, ENGINEERING, ECONOMIC VIABILITY, ENVIRONMENTAL IMPACT, SAFETY AND MARKETABILITY

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**Form 990, Part III, Line 4b:**

THE H-PRIZE, ENACTED BY CONGRESS, AUTHORIZED THE SECRETARY OF ENERGY TO CREATE A PROGRAM TO COMPETITIVELY AWARD CASH PRIZES THAT WILL ADVANCE THE COMMERCIAL APPLICATION OF HYDROGEN ENERGY TECHNOLOGIES BY DRAMATIZING AND INCENTIVIZING ACCELERATED RESEARCH. THE H-PRIZE WAS ORIGINALLY ESTABLISHED BY THE ENERGY INDEPENDENCE AND SECURITY ACT OF 2007, IN SEC. 654. THERE ARE SEVERAL H-PRIZE CATEGORIES, INCLUDING PRODUCTION, STORAGE, DISTRIBUTION, UTILIZATION, AND PROTOTYPES AND TRANSFORMATIONAL TECHNOLOGIES.

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**SCHEDULE A**  
**(Form 990 or 990-EZ)**

**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.

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

**2017**

**Open to Public Inspection**

Department of the Treasury  
Internal Revenue Service

Name of the organization  
HYDROGEN EDUCATION FOUNDATION

Employer identification number

20-5020384

**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		
<b>Total</b>						

**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) 2013	(b) 2014	(c) 2015	(d) 2016	(e) 2017	(f) Total
<b>1</b>	Gifts, grants, contributions, and membership fees received (Do not include any "unusual grant.")	86	56,963	25,900	17,676	1,016,698	1,117,323
<b>2</b>	Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
<b>3</b>	The value of services or facilities furnished by a governmental unit to the organization without charge						
<b>4</b>	<b>Total.</b> Add lines 1 through 3	86	56,963	25,900	17,676	1,016,698	1,117,323
<b>5</b>	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)						
<b>6</b>	<b>Public support.</b> Subtract line 5 from line 4						1,117,323

**Section B. Total Support**

	Calendar year (or fiscal year beginning in) ▶	(a) 2013	(b) 2014	(c) 2015	(d) 2016	(e) 2017	(f) Total
<b>7</b>	Amounts from line 4	86	56,963	25,900	17,676	1,016,698	1,117,323
<b>8</b>	Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources	4					4
<b>9</b>	Net income from unrelated business activities, whether or not the business is regularly carried on						
<b>10</b>	Other income Do not include gain or loss from the sale of capital assets (Explain in Part VI.)						
<b>11</b>	<b>Total support.</b> Add lines 7 through 10						1,117,327
<b>12</b>	Gross receipts from related activities, etc. (see instructions)					<b>12</b>	35,000

**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**

<b>14</b>	Public support percentage for 2017 (line 6, column (f) divided by line 11, column (f))	<b>14</b>	100.000 %
<b>15</b>	Public support percentage for 2016 Schedule A, Part II, line 14	<b>15</b>	100.000 %

- 16a 33 1/3% support test—2017.** 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—2016.** 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—2017.** 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—2016.** 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) 2013	(b) 2014	(c) 2015	(d) 2016	(e) 2017	(f) Total
<b>1</b>	Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants.")						
<b>2</b>	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						
<b>3</b>	Gross receipts from activities that are not an unrelated trade or business under section 513						
<b>4</b>	Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
<b>5</b>	The value of services or facilities furnished by a governmental unit to the organization without charge						
<b>6</b>	<b>Total.</b> Add lines 1 through 5						
<b>7a</b>	Amounts included on lines 1, 2, and 3 received from disqualified persons						
<b>b</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						
<b>c</b>	Add lines 7a and 7b						
<b>8</b>	<b>Public support.</b> (Subtract line 7c from line 6)						

**Section B. Total Support**

Calendar year (or fiscal year beginning in) ►		(a) 2013	(b) 2014	(c) 2015	(d) 2016	(e) 2017	(f) Total
<b>9</b>	Amounts from line 6						
<b>10a</b>	Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources						
<b>b</b>	Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975						
<b>c</b>	Add lines 10a and 10b						
<b>11</b>	Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on						
<b>12</b>	Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)						
<b>13</b>	<b>Total support.</b> (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**

<b>15</b>	Public support percentage for 2017 (line 8, column (f) divided by line 13, column (f))	<b>15</b>	
<b>16</b>	Public support percentage from 2016 Schedule A, Part III, line 15	<b>16</b>	

**Section D. Computation of Investment Income Percentage**

<b>17</b>	Investment income percentage for <b>2017</b> (line 10c, column (f) divided by line 13, column (f))	<b>17</b>	
<b>18</b>	Investment income percentage from <b>2016</b> Schedule A, Part III, line 17	<b>18</b>	

**19a 33 1/3% support tests—2017.** 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—2016.** 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
<b>1</b>	Are all of the organization's supported organizations listed by name in the organization's governing documents? If "No," describe in <b>Part VI</b> how the supported organizations are designated. If designated by class or purpose, describe the designation. If historic and continuing relationship, explain.		
	<b>1</b>		
<b>2</b>	Did the organization have any supported organization that does not have an IRS determination of status under section 509(a)(1) or (2)? If "Yes," explain in <b>Part VI</b> how the organization determined that the supported organization was described in section 509(a)(1) or (2).		
	<b>2</b>		
<b>3a</b>	Did the organization have a supported organization described in section 501(c)(4), (5), or (6)? If "Yes," answer (b) and (c) below.		
	<b>3a</b>		
<b>b</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)? If "Yes," describe in <b>Part VI</b> when and how the organization made the determination.		
	<b>3b</b>		
<b>c</b>	Did the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes? If "Yes," explain in <b>Part VI</b> what controls the organization put in place to ensure such use.		
	<b>3c</b>		
<b>4a</b>	Was any supported organization not organized in the United States ("foreign supported organization")? If "Yes" and if you checked 12a or 12b in Part I, answer (b) and (c) below.		
	<b>4a</b>		
<b>b</b>	Did the organization have ultimate control and discretion in deciding whether to make grants to the foreign supported organization? If "Yes," describe in <b>Part VI</b> how the organization had such control and discretion despite being controlled or supervised by or in connection with its supported organizations.		
	<b>4b</b>		
<b>c</b>	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)? If "Yes," explain in <b>Part VI</b> 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.		
	<b>4c</b>		
<b>5a</b>	Did the organization add, substitute, or remove any supported organizations during the tax year? If "Yes," answer (b) and (c) below (if applicable). Also, provide detail in <b>Part VI</b> , 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).		
	<b>5a</b>		
<b>b</b>	<b>Type I or Type II only.</b> Was any added or substituted supported organization part of a class already designated in the organization's organizing document?		
	<b>5b</b>		
<b>c</b>	<b>Substitutions only.</b> Was the substitution the result of an event beyond the organization's control?		
	<b>5c</b>		
<b>6</b>	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? If "Yes," provide detail in <b>Part VI</b> .		
	<b>6</b>		
<b>7</b>	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? If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).		
	<b>7</b>		
<b>8</b>	Did the organization make a loan to a disqualified person (as defined in section 4958) not described in line 7? If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).		
	<b>8</b>		
<b>9a</b>	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))? If "Yes," provide detail in <b>Part VI</b> .		
	<b>9a</b>		
<b>b</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? If "Yes," provide detail in <b>Part VI</b> .		
	<b>9b</b>		
<b>c</b>	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? If "Yes," provide detail in <b>Part VI</b> .		
	<b>9c</b>		
<b>10a</b>	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)? If "Yes," answer line 10b below.		
	<b>10a</b>		
<b>b</b>	Did the organization have any excess business holdings in the tax year? (Use Schedule C, Form 4720, to determine whether the organization had excess business holdings.)		
	<b>10b</b>		

**Part IV Supporting Organizations** (continued)

		Yes	No
<b>11</b>	Has the organization accepted a gift or contribution from any of the following persons?		
<b>a</b>	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>b</b>	A family member of a person described in (a) above?		
<b>c</b>	A 35% controlled entity of a person described in (a) or (b) above? <i>If "Yes" to a, b, or c, provide detail in Part VI</i>		

**Section B. Type I Supporting Organizations**

		Yes	No
<b>1</b>	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? <i>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.</i>		
<b>2</b>	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? <i>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.</i>		

**Section C. Type II Supporting Organizations**

		Yes	No
<b>1</b>	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)? <i>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).</i>		

**Section D. All Type III Supporting Organizations**

		Yes	No
<b>1</b>	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?		
<b>2</b>	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? <i>If "No," explain in Part VI how the organization maintained a close and continuous working relationship with the supported organization(s).</i>		
<b>3</b>	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? <i>If "Yes," describe in Part VI the role the organization's supported organizations played in this regard.</i>		

**Section E. Type III Functionally-Integrated Supporting Organizations**

<b>1</b>	Check the box next to the method that the organization used to satisfy the Integral Part Test during the year ( <b>see instructions</b> )		
<b>a</b>	<input type="checkbox"/> The organization satisfied the Activities Test. Complete <b>line 2</b> below.		
<b>b</b>	<input type="checkbox"/> The organization is the parent of each of its supported organizations. Complete <b>line 3</b> below.		
<b>c</b>	<input type="checkbox"/> The organization supported a governmental entity. Describe in <b>Part VI</b> how you supported a government entity (see instructions).		
<b>2</b>	Activities Test <b>Answer (a) and (b) below.</b>		
<b>a</b>	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? <i>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.</i>		
<b>b</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? <i>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.</i>		
<b>3</b>	Parent of Supported Organizations <b>Answer (a) and (b) below.</b>		
<b>a</b>	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? <i>Provide details in Part VI.</i>		
<b>b</b>	Did the organization exercise a substantial degree of direction over the policies, programs and activities of each of its supported organizations? <i>If "Yes," describe in Part VI the role played by the organization in this regard.</i>		

**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

<b>Section A - Adjusted Net Income</b>		(A) Prior Year	(B) Current Year (optional)
<b>1</b>	Net short-term capital gain	<b>1</b>	
<b>2</b>	Recoveries of prior-year distributions	<b>2</b>	
<b>3</b>	Other gross income (see instructions)	<b>3</b>	
<b>4</b>	Add lines 1 through 3	<b>4</b>	
<b>5</b>	Depreciation and depletion	<b>5</b>	
<b>6</b>	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)	<b>6</b>	
<b>7</b>	Other expenses (see instructions)	<b>7</b>	
<b>8</b>	<b>Adjusted Net Income</b> (subtract lines 5, 6 and 7 from line 4)	<b>8</b>	
<b>Section B - Minimum Asset Amount</b>		(A) Prior Year	(B) Current Year (optional)
<b>1</b>	Aggregate fair market value of all non-exempt-use assets (see instructions for short tax year or assets held for part of year)	<b>1</b>	
<b>a</b>	Average monthly value of securities	<b>1a</b>	
<b>b</b>	Average monthly cash balances	<b>1b</b>	
<b>c</b>	Fair market value of other non-exempt-use assets	<b>1c</b>	
<b>d</b>	<b>Total</b> (add lines 1a, 1b, and 1c)	<b>1d</b>	
<b>e</b>	<b>Discount</b> claimed for blockage or other factors (explain in detail in Part VI)		
<b>2</b>	Acquisition indebtedness applicable to non-exempt use assets	<b>2</b>	
<b>3</b>	Subtract line 2 from line 1d	<b>3</b>	
<b>4</b>	Cash deemed held for exempt use Enter 1-1/2% of line 3 (for greater amount, see instructions)	<b>4</b>	
<b>5</b>	Net value of non-exempt-use assets (subtract line 4 from line 3)	<b>5</b>	
<b>6</b>	Multiply line 5 by .035	<b>6</b>	
<b>7</b>	Recoveries of prior-year distributions	<b>7</b>	
<b>8</b>	<b>Minimum Asset Amount</b> (add line 7 to line 6)	<b>8</b>	
<b>Section C - Distributable Amount</b>			Current Year
<b>1</b>	Adjusted net income for prior year (from Section A, line 8, Column A)	<b>1</b>	
<b>2</b>	Enter 85% of line 1	<b>2</b>	
<b>3</b>	Minimum asset amount for prior year (from Section B, line 8, Column A)	<b>3</b>	
<b>4</b>	Enter greater of line 2 or line 3	<b>4</b>	
<b>5</b>	Income tax imposed in prior year	<b>5</b>	
<b>6</b>	<b>Distributable Amount.</b> Subtract line 5 from line 4, unless subject to emergency temporary reduction (see instructions)	<b>6</b>	
<b>7</b>	<input type="checkbox"/> 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)**

<b>Section D - Distributions</b>	<b>Current Year</b>
<b>1</b> Amounts paid to supported organizations to accomplish exempt purposes	
<b>2</b> Amounts paid to perform activity that directly furthers exempt purposes of supported organizations, in excess of income from activity	
<b>3</b> Administrative expenses paid to accomplish exempt purposes of supported organizations	
<b>4</b> Amounts paid to acquire exempt-use assets	
<b>5</b> Qualified set-aside amounts (prior IRS approval required)	
<b>6</b> Other distributions (describe in <b>Part VI</b> ) See instructions	
<b>7 Total annual distributions.</b> Add lines 1 through 6	
<b>8</b> Distributions to attentive supported organizations to which the organization is responsive (provide details in <b>Part VI</b> ) See instructions	
<b>9</b> Distributable amount for 2017 from Section C, line 6	
<b>10</b> Line 8 amount divided by Line 9 amount	

<b>Section E - Distribution Allocations (see instructions)</b>	<b>(i) Excess Distributions</b>	<b>(ii) Underdistributions Pre-2017</b>	<b>(iii) Distributable Amount for 2017</b>
<b>1</b> Distributable amount for 2017 from Section C, line 6			
<b>2</b> Underdistributions, if any, for years prior to 2017 (reasonable cause required-- explain in Part VI) See instructions			
<b>3</b> Excess distributions carryover, if any, to 2017			
<b>a</b>			
<b>b</b> From 2013. . . . .			
<b>c</b> From 2014. . . . .			
<b>d</b> From 2015. . . . .			
<b>e</b> From 2016. . . . .			
<b>f</b> Total of lines 3a through e			
<b>g</b> Applied to underdistributions of prior years			
<b>h</b> Applied to 2017 distributable amount			
<b>i</b> Carryover from 2012 not applied (see instructions)			
<b>j</b> Remainder Subtract lines 3g, 3h, and 3i from 3f			
<b>4</b> Distributions for 2017 from Section D, line 7			
<b>a</b> Applied to underdistributions of prior years			
<b>b</b> Applied to 2017 distributable amount			
<b>c</b> Remainder Subtract lines 4a and 4b from 4			
<b>5</b> Remaining underdistributions for years prior to 2017, if any Subtract lines 3g and 4a from line 2 If the amount is greater than zero, explain in Part VI See instructions			
<b>6</b> Remaining underdistributions for 2017 Subtract lines 3h and 4b from line 1 If the amount is greater than zero, explain in Part VI See instructions			
<b>7 Excess distributions carryover to 2018.</b> Add lines 3j and 4c			
<b>8</b> Breakdown of line 7			
<b>a</b> Excess from 2013. . . . .			
<b>b</b> Excess from 2014. . . . .			
<b>c</b> Excess from 2015. . . . .			
<b>d</b> Excess from 2016. . . . .			
<b>e</b> Excess from 2017. . . . .			

**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.)

<b>Facts And Circumstances Test</b>

Schedule I (Form 990)

Grants and Other Assistance to Organizations, Governments and Individuals in the United States

OMB No 1545-0047

2017

Open to Public Inspection

Complete if the organization answered "Yes," on Form 990, Part IV, line 21 or 22.

Attach to Form 990.

Information about Schedule I (Form 990) and its instructions is at www.irs.gov/form990.

Department of the Treasury Internal Revenue Service

Name of the organization HYDROGEN EDUCATION FOUNDATION

Employer identification number 20-5020384

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance...
2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000

Table with 8 columns: (a) Name and address of organization or government, (b) EIN, (c) IRC section (if applicable), (d) Amount of cash grant, (e) Amount of non-cash assistance, (f) Method of valuation, (g) Description of non-cash assistance, (h) Purpose of grant or assistance. Row 1: (1) IVYS ENERGY SOLUTIONS, 303 WYMAN ST STE 300 WALTHAM, MA 02451, 1,000,000, CASH PRIZE.

- 2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table. 1
3 Enter total number of other organizations listed in the line 1 table. 1

**Part III Grants and Other Assistance to Domestic Individuals.** Complete if the organization answered "Yes" on Form 990, Part IV, line 22

Part III can be duplicated if additional space is needed

(a) Type of grant or assistance	(b) Number of recipients	(c) Amount of cash grant	(d) Amount of noncash assistance	(e) Method of valuation (book, FMV, appraisal, other)	(f) Description of noncash assistance
(1)					
(2)					
(3)					
(4)					
(5)					
(6)					
(7)					

**Part IV Supplemental Information.** Provide the information required in Part I, line 2; Part III, column (b); and any other additional information.

Return Reference

Explanation

**SCHEDULE O**  
(Form 990 or 990-EZ)**Supplemental Information to Form 990 or 990-EZ**

Complete to provide information for responses to specific questions on Form 990 or 990-EZ or to provide any additional information.

▶ Attach to Form 990 or 990-EZ.

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

**2017****Open to Public Inspection**

Department of the Treasury  
Internal Revenue Service

Name of the organization  
HYDROGEN EDUCATION FOUNDATION

Employer identification number

20-5020384

**990 Schedule O, Supplemental Information**

Return Reference	Explanation
FORM 990, PART VI, SECTION A, LINE 3	HYDROGEN EDUCATION FOUNDATION IS MANAGED BY TECHNOLOGY TRANSITION CORPORATION (TTC), AN ORGANIZATION PROVIDING MANAGEMENT, TECHNICAL AND ADMINISTRATIVE SERVICES TO ASSOCIATIONS PROVIDING NEW TECHNOLOGIES

**990 Schedule O, Supplemental Information**

<b>Return Reference</b>	<b>Explanation</b>
FORM 990, PART VI, SECTION B, LINE 11B	THE EXECUTIVE DIRECTOR REVIEWS FORM 990 PRIOR TO FILING

**990 Schedule O, Supplemental Information**

<b>Return Reference</b>	<b>Explanation</b>
FORM 990, PART VI, SECTION C, LINE 19	THE ORGANIZATIONS MAKES ITS GOVERNING DOCUMENTS AND FINANCIAL STATEMENTS AVAILABLE TO THE PUBLIC UPON REQUEST