

Return of Organization Exempt From Income Tax

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

2016

Open to Public Inspection

Department of the Treasury
Internal Revenue Service

▶ 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.

A For the 2016 calendar year, or tax year beginning 01/01, 2016, and ending 12/31, 20 16

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

C Name of organization INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC
 Doing business as IEEE
 Number and street (or P.O. box if mail is not delivered to street address) Room/suite
445 Hoes Lane
 City or town, state or province, country, and ZIP or foreign postal code
Piscataway, NJ, 08854-4141

D Employer identification number
13-1656633

E Telephone number
732-981-0060

G Gross receipts \$ 795,208,232

F Name and address of principal officer: E James Prendergast
445 Hoes Lane, Piscataway, NJ 08854

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 ▶ 2038

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

J Website: ▶ www.ieee.org

K Form of organization: Corporation Trust Association Other ▶

L Year of formation: 1896 **M** State of legal domicile: NY

Part I Summary

Activities & Governance	1	Briefly describe the organization's mission or most significant activities: <u>Technology continues to be a transformation power on humanity with worldwide influence over today's political, social and cultural domains. IEEE remains at the forefront of (Continued on Schedule O, Statement 1)</u>		
	2	Check this box <input type="checkbox"/> 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	31
	4	Number of independent voting members of the governing body (Part VI, line 1b)	4	31
	5	Total number of individuals employed in calendar year 2016 (Part V, line 2a)	5	1,384
	6	Total number of volunteers (estimate if necessary)	6	100,000
	7a	Total unrelated business revenue from Part VIII, column (C), line 12	7a	13,981,759
	b	Net unrelated business taxable income from Form 990-T, line 34	7b	0
Revenue	8	Contributions and grants (Part VIII, line 1h)	Prior Year	Current Year
	9	Program service revenue (Part VIII, line 2g)	2,285,419	2,798,660
	10	Investment income (Part VIII, column (A), lines 3, 4, and 7d)	423,081,141	442,126,092
	11	Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)	19,238,633	19,900,751
	12	Total revenue—add lines 8 through 11 (must equal Part VIII, column (A), line 12)	17,001,634	17,824,813
Expenses	13	Grants and similar amounts paid (Part IX, column (A), lines 1–3)	461,606,827	482,650,316
	14	Benefits paid to or for members (Part IX, column (A), line 4)	4,138,280	5,046,750
	15	Salaries, other compensation, employee benefits (Part IX, column (A), lines 5–10)	0	0
	16a	Professional fundraising fees (Part IX, column (A), line 11e)	161,967,084	167,586,160
	b	Total fundraising expenses (Part IX, column (D), line 25) ▶ <u>1,511,253</u>	0	0
	17	Other expenses (Part IX, column (A), lines 11a–11d, 11f–24e)	282,437,281	289,276,681
	18	Total expenses. Add lines 13–17 (must equal Part IX, column (A), line 25)	448,542,645	461,909,591
Net Assets or Fund Balances	19	Revenue less expenses. Subtract line 18 from line 12	13,064,182	20,740,725
	20	Total assets (Part X, line 16)	Beginning of Current Year	End of Year
	21	Total liabilities (Part X, line 26)	563,679,907	587,950,349
	22	Net assets or fund balances. Subtract line 21 from line 20	244,217,633	240,241,105
			319,462,274	347,709,244

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: Thomas R Siegert Date: 10/24/2017

Type or print name and title: Thomas R Siegert, CFO & Asst. Treasurer

Paid Preparer Use Only.

Print/Type preparer's name: _____ Preparer's signature: _____ Date: _____ Check if self-employed PTIN: _____

Firm's name ▶: _____ Firm's EIN ▶: _____

Firm's address ▶: _____ Phone no.: _____

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

Part III Statement of Program Service Accomplishments

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

1 Briefly describe the organization's mission:

MISSION STATEMENT: IEEE's core purpose is to foster technological innovation and excellence for the benefit of humanity.

VISION STATEMENT: IEEE will be essential to the global technical community and to technical professionals everywhere, and be universally recognized for the contributions of technology and of technical professionals in improving global conditions.

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 \$ 107,111,786 including grants of \$ 4,421,908) (Revenue \$ 54,974,908)

MEMBERSHIPS & PUBLIC IMPERATIVES - IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. In 2016 IEEE memberships exceeded 423,000 in 160 countries worldwide, student memberships were 117,000 and IEEE society memberships exceeded 331,000 in 39 IEEE Societies. IEEE has over 9 million likes across IEEE social communities with nearly 2 million people engaging with IEEE across all social channels and IEEE secures interest from top-tier media more than 80,000 people from around the world have signed up for IEEE Collabratec(TM) to connect with global technology professionals by location, technical interests or career pursuits. IEEE continues with its outreach efforts where the IEEE Ad Hoc Committee on Industry met with over 270 industry leaders from more than 70 companies to understand their needs and provide key products and services to address them. As a result, the IEEE for Industry Portal was launched. IEEE continues to expand globally, the Africa Area Committee will provide support from IEEE for more than 6,000 IEEE members in Africa to unite, discuss and coordinate future activities; Japan membership plan has sought growth through improved member satisfaction, volunteer training and engagement, and targeted marketing throughout Japan.

4b (Code:) (Expenses \$ 164,391,331 including grants of \$ 0) (Revenue \$ 167,141,874)

PERIODICALS - IEEE Xplore(R) Digital Library, one of the world's largest collections of technical literature in engineering, computer science and related technologies, reached a milestone with a total of over 4 million documents available in its vast repository as compare to an initial collection of 500,000 documents in 2000. IEEE Xplore online collection includes content from more than 180 IEEE journals and magazines, over 1,500 annual conferences, more than 1,300 active technology standards, 400 e-learning courses and 2,000 e-books. IEEE Access, the award winning open access journal, published its 1,000th article in 2016; IEEE Access articles continue to be among the top 10 most popular articles on Xplore, based on monthly downloads. The publication has won numerous awards, including the Prose Award for Best New Journal in Science, Technology and Medicine; IEEE Spectrum captured two awards, including Best Website (the third time since 2010) and best infographic; IEEE publications received eight awards in the 2016 APEX Awards for Publication Excellence. In 2016, IEEE and IP.com, a global leader in the intellectual property field, collaborated to launch InnovationQ Plus, a new, easy-to-use platform that combines the power of semantic search with a global patent database and critical engineering literature from the IEEE Xplore library to provide a unique IP discovery and analysis solution.

4c (Code:) (Expenses \$ 136,720,669 including grants of \$ 624,843) (Revenue \$ 177,490,297)

CONFERENCES - In 2016, IEEE continues with its robust, global expansion and outreach efforts through various events including: Consumer Electronics Show held in Las Vegas, created an interactive experience, the virtual rover ride which proved to be a huge hit, attracting more than 1,800 attendees for a test drive and generating nearly 400,000 social media interactions, IEEE was included in a featured spot in Gamespot's "The Coolest and Weirdest Stuff at CES 2016" recap video, the innovative exhibit was such a success that it received the coveted Sizzle Award, presented by EXHIBITOR magazine to the top five tradeshow exhibits of the year. World Maker Faire, held in New York City had an estimated audience of more than 95,000 attendees, the event included hands-on activities and demonstrations, an LED Torch, a "Learn to Solder" booth and a demonstration of a robot solving a Rubik's Cube; Discover Engineering Family Day, an annual EWeek event held in Washington, D.C. Family Day attracted more than 8,000 parents, teachers and K-12 students interested in delving deeper into engineering and computing; IEEE N3XT Events held in Toronto, Canada, and Austin, Texas, attracted hundreds of attendees, including early-stage and seasoned entrepreneurs, as well (Continued on Schedule O, Statement 2)

4d Other program services (Describe in Schedule O.) See Schedule O, Statement 3 (Expenses \$ 33,543,325 including grants of \$ 0) (Revenue \$ 32,832,280)

4e Total program service expenses 441,767,111

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)? <i>If "Yes," complete Schedule A</i>	✓	
2	Is the organization required to complete <i>Schedule B, Schedule of Contributors</i> (see instructions)?	✓	
3	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>		✓
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? <i>If "Yes," complete Schedule C, Part II</i>	✓	
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? <i>If "Yes," complete Schedule C, Part III</i>		✓
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? <i>If "Yes," complete Schedule D, Part I</i>		✓
7	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>		✓
8	Did the organization maintain collections of works of art, historical treasures, or other similar assets? <i>If "Yes," complete Schedule D, Part III</i>		✓
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? <i>If "Yes," complete Schedule D, Part IV</i>		✓
10	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>		✓
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? <i>If "Yes," complete Schedule D, Part VI</i>	✓	
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>		✓
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? <i>If "Yes," complete Schedule D, Part VIII</i>		✓
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? <i>If "Yes," complete Schedule D, Part IX</i>		✓
e	Did the organization report an amount for other liabilities in Part X, line 25? <i>If "Yes," complete Schedule D, Part X</i>	✓	
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)? <i>If "Yes," complete Schedule D, Part X</i>	✓	
12 a	Did the organization obtain separate, independent audited financial statements for the tax year? <i>If "Yes," complete Schedule D, Parts XI and XII</i>		✓
b	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>	✓	
13	Is the organization a school described in section 170(b)(1)(A)(ii)? <i>If "Yes," complete Schedule E</i>		✓
14 a	Did the organization maintain an office, employees, or agents outside of the United States?	✓	
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>	✓	
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? <i>If "Yes," complete Schedule F, Parts II and IV</i>	✓	
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? <i>If "Yes," complete Schedule F, Parts III and IV.</i>	✓	
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? <i>If "Yes," complete Schedule G, Part I (see instructions)</i>		✓
18	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>		✓
19	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>		✓

Part IV Checklist of Required Schedules (continued)

	Yes	No
20 a Did the organization operate one or more hospital facilities? <i>If "Yes," complete Schedule H</i>		✓
b If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?		
21 Did the organization report more than \$5,000 of grants or other assistance to any domestic organization or domestic government on Part IX, column (A), line 1? <i>If "Yes," complete Schedule I, Parts I and II</i>	✓	
22 Did the organization report more than \$5,000 of grants or other assistance to or for domestic individuals on Part IX, column (A), line 2? <i>If "Yes," complete Schedule I, Parts I and III</i>	✓	
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>	✓	
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>		✓
b Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception?		
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?		
d Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year?		
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>		✓
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>		✓
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>		✓
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>		✓
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>		✓
b A family member of a current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i>	✓	
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>		✓
29 Did the organization receive more than \$25,000 in non-cash contributions? <i>If "Yes," complete Schedule M</i>		✓
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>	✓	
31 Did the organization liquidate, terminate, or dissolve and cease operations? <i>If "Yes," complete Schedule N, Part I</i>		✓
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>		✓
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>	✓	
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>	✓	
35a Did the organization have a controlled entity within the meaning of section 512(b)(13)?		✓
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>		
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>		✓
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>		✓
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.	✓	

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 line numbers, descriptions, and Yes/No checkboxes. Includes sections for backup withholding, Form W-3, unrelated business income, foreign accounts, prohibited tax shelter transactions, deductible contributions, and sponsoring organizations.

Part VI Governance, Management, and Disclosure For each "Yes" response to lines 2 through 7b below, and for a "No" response to line 8a, 8b, or 10b below, describe the circumstances, processes, or changes in Schedule O. See instructions.
 Check if Schedule O contains a response or note to any line in this Part VI

Section A. Governing Body and Management

		Yes	No
1a	Enter the number of voting members of the governing body at the end of the tax year If there are material differences in voting rights among members of the governing body, or if the governing body delegated broad authority to an executive committee or similar committee, explain in Schedule O.		
	1a 31		
b	Enter the number of voting members included in line 1a, above, who are independent		
	1b 31		
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?		<input checked="" type="checkbox"/>
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?		<input checked="" type="checkbox"/>
4	Did the organization make any significant changes to its governing documents since the prior Form 990 was filed?		<input checked="" type="checkbox"/>
5	Did the organization become aware during the year of a significant diversion of the organization's assets?		<input checked="" type="checkbox"/>
6	Did the organization have members or stockholders?	<input checked="" type="checkbox"/>	
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?	<input checked="" type="checkbox"/>	
b	Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body?	<input checked="" type="checkbox"/>	
8	Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following:		
a	The governing body?	<input checked="" type="checkbox"/>	
b	Each committee with authority to act on behalf of the governing body?	<input checked="" type="checkbox"/>	
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		<input checked="" type="checkbox"/>

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?	<input checked="" type="checkbox"/>	
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?	<input checked="" type="checkbox"/>	
11a	Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form?	<input checked="" type="checkbox"/>	
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	<input checked="" type="checkbox"/>	
b	Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts?	<input checked="" type="checkbox"/>	
c	Did the organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," describe in Schedule O how this was done	<input checked="" type="checkbox"/>	
13	Did the organization have a written whistleblower policy?	<input checked="" type="checkbox"/>	
14	Did the organization have a written document retention and destruction policy?	<input checked="" type="checkbox"/>	
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	<input checked="" type="checkbox"/>	
b	Other officers or key employees of the organization	<input checked="" type="checkbox"/>	
	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?		<input checked="" type="checkbox"/>
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?		

Section C. Disclosure

- 17 List the states with which a copy of this Form 990 is required to be filed ► **See Schedule O, Statement 5**
- 18 Section 6104 requires an organization to make its Forms 1023 (or 1024 if applicable), 990, and 990-T (Section 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: ►
 Controller, (732)981-0060

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

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

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

1a Complete this table for all persons required to be listed. Report compensation for the calendar year ending with or within the organization's tax year.

- List all of the organization's **current** officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation. Enter -0- in columns (D), (E), and (F) if no compensation was paid.
- List all of the organization's **current** key employees, if any. See instructions for definition of "key employee."
- List the organization's five **current** highest compensated employees (other than an officer, director, trustee, or key employee) who received reportable compensation (Box 5 of Form W-2 and/or Box 7 of Form 1099-MISC) of more than \$100,000 from the organization and any related organizations.
- List all of the organization's **former** officers, key employees, and highest compensated employees who received more than \$100,000 of reportable compensation from the organization and any related organizations.
- List all of the organization's **former directors or trustees** that received, in the capacity as a former director or trustee of the organization, more than \$10,000 of reportable compensation from the organization and any related organizations.

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

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

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former			
Barry L Shoop ----- IEEE President and CEO	10 0			✓	✓			164,972	0	0
Karen Bartleson ----- IEEE President-Elect	10 0			✓	✓			0	0	0
Howard E Michel ----- IEEE Past President	10 0			✓	✓			0	0	0
Parviz Famouri ----- Director & Secretary	10 0			✓	✓			0	0	0
Jerry Hudgins ----- Director & Treasurer	10 0			✓	✓			0	0	0
SK Ramesh ----- Director & Vice President, Educational Activities	10 0			✓	✓			0	0	0
Sheila Hemami ----- Director & Vice President, Publication Services and	10 0			✓	✓			0	0	0
Wai-Choong Wong ----- Director & Vice President, Member and Geographic	10 0			✓	✓			0	0	0
Bruce P Kraemer ----- Director & President, Standards Association	10 0			✓	✓			0	0	0
Jose MF Moura ----- Director & Vice President, Technical Activities	10 0			✓	✓			0	0	0
Peter Alan Eckstein ----- Director & President IEEE-USA	10 0			✓	✓			0	0	0
Ronald A Tabroff ----- Director & Delegate, Region 1	5 0			✓				0	0	0
Timothy P Kurzweg ----- Director & Delegate, Region 2	5 0			✓				0	0	0
James M Conrad ----- Director & Delegate, Region 3	5 0			✓				0	0	0

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			
Robert C Parro	5									
Director & Delegate, Region 4	0	✓					0	0	0	
Francis B Grosz Jr	5									
Director & Delegate, Region 5	0	✓					0	0	0	
Thomas Coughlin	5									
Director & Delegate, Region 6	0	✓					0	0	0	
Witold M Kinsner	5									
Director & Delegate, Region 7	0	✓					0	0	0	
Costas M Stasopoulos	5									
Director & Delegate, Region 8	0	✓					0	0	0	
Antonio C Ferreira	5									
Director & Delegate, Region 9	0	✓					0	0	0	
Ramakrishna Kappagantu	5									
Director & Delegate, Region 10	0	✓					0	0	0	
Maciej Ogorzalek	5									
Director & Delegate, Division I	0	✓					0	0	0	
Hirofumi Akagi	5									
Director & Delegate, Division II	0	✓					0	0	0	
Celia L Desmond	5									
Director & Delegate, Division III	0	✓					0	0	0	
William W Moses	5									
Director & Delegate, Division IV	0	✓					0	0	0	
Harold Javid	5									
Director & Delegate, Division V	0	✓					0	0	0	
Rob Reilly	5									
Director & Delegate, Division VI	0	✓					0	0	0	
Alan C Rotz	5									
Director & Delegate, Division VII	0	✓					0	0	0	

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			
John W Walz	5									
Director & Delegate, Division VIII	0	✓					0	0	0	
Ray Liu	5									
Director & Delegate, Division IX	0	✓					0	0	0	
Kazuhiro Kosuge	5									
Director & Delegate, Division X	0	✓					0	0	0	
E James Prendergast	40									
Asst. Secretary & Exec Dir	0			✓			891,606	0	224,722	
Thomas R Siegert	40									
Asst. Treas, Staff Exec & CFO	1			✓			480,692	0	43,862	
Mary Ward-Callan	40									
Mging Director - Technical Activities	0				✓		474,791	0	44,707	
Michael B Forster	40									
Managing Dir - Publications	0				✓		364,562	0	27,223	
Donna Hourican	40									
Staff Executive Corp Activities	0				✓		343,039	0	35,000	
Karen L Hawkins	40									
Chief Marketing Officer	0				✓		307,791	0	45,424	
Cherif Amirat	40									
Chief Information Officer	0				✓		371,080	0	37,619	
Eileen M Lach	40									
General Counsel & CCO	0					✓	595,656	0	39,410	
Jonathan Dahl	40									
Lead Director Prof Education & Svcs	0					✓	453,757	0	46,608	
Francis Staples	40									
Sr Dir - Global Sales & Customer Ops	0					✓	466,008	0	37,618	
Jean Jennings	40									
Director - International Sales	0					✓	498,961	0	38,871	

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			
Konstantinos Karachalios	40									
Managing Dir - IEEE Standards	0					✓	444,370	0	35,000	
1b Sub-total							5,857,285	0	656,064	
c Total from continuation sheets to Part VII, Section A										
d Total (add lines 1b and 1c)							5,857,285	0	656,064	

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 **491**

	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>	3	✓
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>	4	✓
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>	5	✓

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
See Schedule O, Statement 6		

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 **189**

Part VIII Statement of Revenue

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

			(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512-514	
Contributions, Gifts, Grants and Other Similar Amounts	1a Federated campaigns	1a 0					
	b Membership dues	1b 0					
	c Fundraising events	1c 0					
	d Related organizations	1d 2,450,041					
	e Government grants (contributions)	1e 261,489					
	f All other contributions, gifts, grants, and similar amounts not included above	1f 87,130					
	g Noncash contributions included in lines 1a-1f: \$	0					
	h Total. Add lines 1a-1f ▶		2,798,660				
Program Service Revenue	Business Code						
	2a Membership Dues & Public Imperatives	900099	60,101,871	54,974,908	4,992,896	134,067	
	b Periodicals	900099	171,673,644	167,141,874	4,531,770	0	
	c Conference Revenue	900099	177,490,297	177,490,297	0	0	
	d Standards Revenue	900099	31,668,459	31,640,459	0	28,000	
	e Other Program Service Income	900099	1,191,821	1,191,821	0	0	
	f All other program service revenue		0	0	0	0	
g Total. Add lines 2a-2f ▶		442,126,092					
Other Revenue	3 Investment income (including dividends, interest, and other similar amounts) ▶		7,637,440	0	0	7,637,440	
	4 Income from investment of tax-exempt bond proceeds ▶		0	0	0	0	
	5 Royalties ▶		14,228,199	0	932,479	13,295,720	
	6a Gross rents	(i) Real	72,000				
		(ii) Personal	0				
		b Less: rental expenses	0				
	c Rental income or (loss)	72,000					
	d Net rental income or (loss) ▶		72,000	0	0	72,000	
	7a Gross amount from sales of assets other than inventory	(i) Securities	324,821,227				
		(ii) Other	0				
		b Less: cost or other basis and sales expenses	312,557,916				
	c Gain or (loss)	12,263,311					
	d Net gain or (loss) ▶		12,263,311	0	0	12,263,311	
	8a Gross income from fundraising events (not including \$ 0 of contributions reported on line 1c). See Part IV, line 18	a 0					
b Less: direct expenses		0					
c Net income or (loss) from fundraising events . ▶			0		0	0	
9a Gross income from gaming activities. See Part IV, line 19	a						
	b Less: direct expenses						
	c Net income or (loss) from gaming activities . . ▶						
10a Gross sales of inventory, less returns and allowances	a						
	b Less: cost of goods sold						
	c Net income or (loss) from sales of inventory . . ▶						
Miscellaneous Revenue		Business Code					
11a Standards - Alliance Mgmt Support	900099	2,515,866	0	2,515,866	0		
b Engineering Certification Programs	541900	81,383	0	81,383	0		
c InterCompany Interest Income	900099	853,003	0	853,003	0		
d All other revenue		74,362	0	74,362	0		
e Total. Add lines 11a-11d ▶		3,524,614					
12 Total revenue. See instructions. ▶		482,650,316	432,439,359	13,981,759	33,430,538		

Part IX Statement of Functional Expenses

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

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

Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.

	(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
1 Grants and other assistance to domestic organizations and domestic governments. See Part IV, line 21	3,179,397	3,179,397		
2 Grants and other assistance to domestic individuals. See Part IV, line 22	741,564	741,564		
3 Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, lines 15 and 16	1,125,789	1,125,789		
4 Benefits paid to or for members	0	0		
5 Compensation of current officers, directors, trustees, and key employees	3,233,560	2,890,521	343,039	0
6 Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B)	0	0	0	0
7 Other salaries and wages	125,407,951	121,061,617	3,484,514	861,820
8 Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions)	12,987,434	11,702,352	1,181,835	103,247
9 Other employee benefits	15,135,341	14,561,903	469,685	103,753
10 Payroll taxes	10,821,874	10,465,599	291,844	64,431
11 Fees for services (non-employees):				
a Management	0	0	0	0
b Legal	1,745,735	1,745,735	0	0
c Accounting	1,253,330	1,206,112	47,218	0
d Lobbying	0	0	0	0
e Professional fundraising services. See Part IV, line 17	0			0
f Investment management fees	0	0	0	0
g Other. (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O.)	26,908,976	25,787,870	1,107,889	13,217
12 Advertising and promotion	7,391,673	6,598,954	744,365	48,354
13 Office expenses	10,974,560	10,049,119	830,521	94,920
14 Information technology	15,523,219	15,443,014	74,391	5,814
15 Royalties	12,504,881	12,504,881	0	0
16 Occupancy	6,485,471	591,767	5,869,904	23,800
17 Travel	22,690,980	19,744,348	2,854,493	92,139
18 Payments of travel or entertainment expenses for any federal, state, or local public officials	0	0	0	0
19 Conferences, conventions, and meetings	99,525,807	99,490,464	35,343	0
20 Interest	576,808	574,132	2,676	0
21 Payments to affiliates	0	0	0	0
22 Depreciation, depletion, and amortization	14,942,972	12,936,065	2,004,063	2,844
23 Insurance	1,074,888	737,754	337,134	0
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 Printing & Publications	39,565,489	39,487,412	43,561	34,516
b Commission Expense	21,446,071	21,422,271	23,800	0
c Members & Regional Expense	4,227,007	3,845,453	381,014	540
d Education & Training Expenses	1,851,339	1,792,431	48,250	10,658
e All other expenses	587,475	2,080,587	-1,544,312	51,200
25 Total functional expenses. Add lines 1 through 24e	461,909,591	441,767,111	18,631,227	1,511,253
26 Joint costs. Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation. Check here <input type="checkbox"/> if following SOP 98-2 (ASC 958-720)				

Part X Balance Sheet

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

		(A)		(B)	
		Beginning of year		End of year	
Assets	1 Cash—non-interest-bearing	11,981,906	1	13,375,255	
	2 Savings and temporary cash investments	62,951,100	2	46,892,400	
	3 Pledges and grants receivable, net	534,755	3	308,218	
	4 Accounts receivable, net	30,942,212	4	74,936,750	
	5 Loans and other receivables from current and former officers, directors, trustees, key employees, and highest compensated employees. Complete Part II of Schedule L	0	5	0	
	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	0	6	0	
	7 Notes and loans receivable, net	0	7	0	
	8 Inventories for sale or use	76,994	8	188,835	
	9 Prepaid expenses and deferred charges	16,169,567	9	17,403,728	
	10a Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D	10a 139,811,492			
	b Less: accumulated depreciation	10b 98,298,602			
	11 Investments—publicly traded securities	48,855,973	10c	41,512,890	
	12 Investments—other securities. See Part IV, line 11	392,167,400	11	393,332,273	
	13 Investments—program-related. See Part IV, line 11	0	12	0	
	14 Intangible assets	0	13	0	
15 Other assets. See Part IV, line 11	0	14	0		
16 Total assets. Add lines 1 through 15 (must equal line 34)	563,679,907	15	587,950,349		
Liabilities	17 Accounts payable and accrued expenses	77,679,833	16	81,050,329	
	18 Grants payable	0	17	0	
	19 Deferred revenue	126,169,000	18	118,541,696	
	20 Tax-exempt bond liabilities	0	19	0	
	21 Escrow or custodial account liability. Complete Part IV of Schedule D	0	20	0	
	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	0	21	0	
	23 Secured mortgages and notes payable to unrelated third parties	0	22	0	
	24 Unsecured notes and loans payable to unrelated third parties	0	23	0	
	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	40,368,800	24	40,649,080	
	26 Total liabilities. Add lines 17 through 25	244,217,633	25	240,241,105	
Net Assets or Fund Balances	Organizations that follow SFAS 117 (ASC 958), check here <input checked="" type="checkbox"/> and complete lines 27 through 29, and lines 33 and 34.				
	27 Unrestricted net assets	317,469,674	26	345,942,644	
	28 Temporarily restricted net assets	1,801,200	27	1,575,200	
	29 Permanently restricted net assets	191,400	28	191,400	
	Organizations that do not follow SFAS 117 (ASC 958), check here <input type="checkbox"/> and complete lines 30 through 34.				
	30 Capital stock or trust principal, or current funds		29		
	31 Paid-in or capital surplus, or land, building, or equipment fund		30		
	32 Retained earnings, endowment, accumulated income, or other funds		31		
	33 Total net assets or fund balances	319,462,274	32	347,709,244	
	34 Total liabilities and net assets/fund balances	563,679,907	33	587,950,349	

Part XI Reconciliation of Net Assets

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

1	Total revenue (must equal Part VIII, column (A), line 12)	1	482,650,316
2	Total expenses (must equal Part IX, column (A), line 25)	2	461,909,591
3	Revenue less expenses. Subtract line 2 from line 1	3	20,740,725
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	319,462,274
5	Net unrealized gains (losses) on investments	5	7,506,245
6	Donated services and use of facilities	6	0
7	Investment expenses	7	0
8	Prior period adjustments	8	0
9	Other changes in net assets or fund balances (explain in Schedule O)	9	0
10	Net assets or fund balances at end of year. Combine lines 3 through 9 (must equal Part X, line 33, column (B))	10	347,709,244

Part XII Financial Statements and Reporting

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

- 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
- 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
- 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.
- 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?
- 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.

	Yes	No
2a		✓
2b	✓	
2c	✓	
3a		✓
3b		

SCHEDULE A
(Form 990 or 990-EZ)

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.

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

OMB No. 1545-0047

2016

Open to Public Inspection

Name of the organization

Employer identification number

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC

13-1656633

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 **section 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		
(A)						
(B)						
(C)						
(D)						
(E)						
Total						

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

(Complete only if you checked the box on line 5, 7, or 8 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) 2012	(b) 2013	(c) 2014	(d) 2015	(e) 2016	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.")						
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						
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						

Section B. Total Support

Calendar year (or fiscal year beginning in) ►	(a) 2012	(b) 2013	(c) 2014	(d) 2015	(e) 2016	(f) Total
7 Amounts from line 4						
8 Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources						
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						
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						<input type="checkbox"/>

Section C. Computation of Public Support Percentage

14 Public support percentage for 2016 (line 6, column (f) divided by line 11, column (f))	14	%
15 Public support percentage from 2015 Schedule A, Part II, line 14	15	%
16a 33 1/3% support test—2016. 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		<input type="checkbox"/>
b 33 1/3% support test—2015. 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		<input type="checkbox"/>
17a 10%-facts-and-circumstances test—2016. 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		<input type="checkbox"/>
b 10%-facts-and-circumstances test—2015. 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		<input type="checkbox"/>
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		<input type="checkbox"/>

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) 2012	(b) 2013	(c) 2014	(d) 2015	(e) 2016	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.")	1,424,280	1,981,284	2,040,254	2,285,419	2,798,660	10,529,897
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	396,250,827	404,342,559	417,980,972	423,081,141	442,126,092	2,083,781,591
3 Gross receipts from activities that are not an unrelated trade or business under section 513	0	0	0	0	0	0
4 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf	0	0	0	0	0	0
5 The value of services or facilities furnished by a governmental unit to the organization without charge	0	0	0	0	0	0
6 Total. Add lines 1 through 5	397,675,107	406,323,843	420,021,226	425,366,560	444,924,752	2,094,311,488
7a Amounts included on lines 1, 2, and 3 received from disqualified persons	0	0	0	0	0	0
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	0	0	0	0	0	0
c Add lines 7a and 7b	0	0	0	0	0	0
8 Public support. (Subtract line 7c from line 6.)						2,094,311,488

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2012	(b) 2013	(c) 2014	(d) 2015	(e) 2016	(f) Total
9 Amounts from line 6	397,675,107	406,323,843	420,021,226	425,366,560	444,924,752	2,094,311,488
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources	10,530,771	9,573,680	20,486,232	20,943,031	21,005,160	82,538,874
b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975	0	0	0	0	0	0
c Add lines 10a and 10b	10,530,771	9,573,680	20,486,232	20,943,031	21,005,160	82,538,874
11 Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on	0	0	0	0	0	0
12 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)	0	0	0	0	0	0
13 Total support. (Add lines 9, 10c, 11, and 12.)	408,205,878	415,897,523	440,507,458	446,309,591	465,929,912	2,176,850,362
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 ▶ <input type="checkbox"/>						

Section C. Computation of Public Support Percentage

15 Public support percentage for 2016 (line 8, column (f) divided by line 13, column (f))	15	96.21 %
16 Public support percentage from 2015 Schedule A, Part III, line 15	16	96.55 %

Section D. Computation of Investment Income Percentage

17 Investment income percentage for 2016 (line 10c, column (f) divided by line 13, column (f))	17	3.79 %
18 Investment income percentage from 2015 Schedule A, Part III, line 17	18	3.45 %
19a 33 1/3% support tests—2016. 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 ▶ <input checked="" type="checkbox"/>		
b 33 1/3% support tests—2015. 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 ▶ <input type="checkbox"/>		
20 Private foundation. If the organization did not check a box on line 14, 19a, or 19b, check this box and see instructions ▶ <input type="checkbox"/>		

Part IV Supporting Organizations

(Complete only if you checked a box in line 12 on 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>		
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>		
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>		
3b	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>		
3c	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>		
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>		
4b	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>		
4c	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>		
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>		
5b	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?		
5c	Substitutions only. Was the substitution the result of an event beyond the organization's control?		
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>		
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>		
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>		
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>		
9b	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>		
9c	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>		
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 10b below.</i>		
10b	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>		

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?		
11a		
b A family member of a person described in (a) above?		
11b		
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.		
11c		

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 <input type="checkbox"/> The organization satisfied the Activities Test. Complete line 2 below.		
b <input type="checkbox"/> The organization is the parent of each of its supported organizations. Complete line 3 below.		
c <input type="checkbox"/> 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):			
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 <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)

Section D - Distributions table with columns for Current Year and rows 1-10 detailing amounts paid to supported organizations and total annual distributions.

Section E - Distribution Allocations table with columns (i) Excess Distributions, (ii) Underdistributions Pre-2016, and (iii) Distributable Amount for 2016, and rows 1-22 detailing distribution allocations.

SCHEDULE C
(Form 990 or 990-EZ)

Political Campaign and Lobbying Activities

OMB No. 1545-0047

2016

Open to Public Inspection

Department of the Treasury
Internal Revenue Service

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

▶ **Complete if the organization is described below.** ▶ **Attach to Form 990 or Form 990-EZ.**
▶ **Information about Schedule C (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.**

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 organization INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC	Employer identification number 13-1656633
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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)	245,300													
c	Total lobbying expenditures (add lines 1a and 1b)	245,300													
d	Other exempt purpose expenditures	441,521,811													
e	Total exempt purpose expenditures (add lines 1c and 1d)	441,767,111													
f	Lobbying nontaxable amount. Enter the amount from the following table in both columns.	1,000,000													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: left;">If the amount on line 1e, column (a) or (b) is:</th> <th style="width: 50%; text-align: left;">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)	250,000													
h	Subtract line 1g from line 1a. If zero or less, enter -0-	0													
i	Subtract line 1f from line 1c. If zero or less, enter -0-	0													
j	If there is an amount other than zero on either line 1h or line 1i, did the organization file Form 4720 reporting section 4911 tax for this year?		<input type="checkbox"/> Yes <input type="checkbox"/> No												

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

Lobbying Expenditures During 4-Year Averaging Period					
Calendar year (or fiscal year beginning in)	(a) 2013	(b) 2014	(c) 2015	(d) 2016	(e) Total
2a Lobbying nontaxable amount	1,000,000	1,000,000	1,000,000	1,000,000	4,000,000
b Lobbying ceiling amount (150% of line 2a, column (e))					6,000,000
c Total lobbying expenditures	285,558	217,153	353,664	245,300	1,101,675
d Grassroots nontaxable amount	250,000	250,000	250,000	250,000	1,000,000
e Grassroots ceiling amount (150% of line 2d, column (e))					1,500,000
f Grassroots lobbying expenditures	0	0	0	0	0

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.

Table with columns (a) Yes/No and (b) Amount. Rows include: 1 During the year, did the filing organization attempt to influence foreign, national, state or local legislation... 1a Volunteers? 1b Paid staff or management... 1c Media advertisements? 1d Mailings to members... 1e Publications... 1f Grants to other organizations... 1g Direct contact with legislators... 1h Rallies, demonstrations... 1i Other activities? 1j 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)? 2b If "Yes," enter the amount of any tax incurred under section 4912 2c If "Yes," enter the amount of any tax incurred by organization managers under section 4912 2d 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).

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

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."

Table with columns 1, 2a, 2b, 2c, 3, 4, 5. Rows include: 1 Dues, assessments and similar amounts from members 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). 2a Current year 2b Carryover from last year 2c Total 3 Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues 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? 5 Taxable amount of lobbying and political expenditures (see instructions)

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.

Series of horizontal dashed lines for providing supplemental information.

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.

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

OMB No. 1545-0047

2016

Open to Public Inspection

Name of the organization

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC

Employer identification number

13-1656633

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.

Table with 3 columns: Question, (a) Donor advised funds, (b) Funds and other accounts. Rows include total number at end of year, aggregate value of contributions, grants, and end of year, and two questions about donor advisement.

Part II Conservation Easements.

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

Table with 3 columns: Question, (a) Donor advised funds, (b) Funds and other accounts. Rows include purpose of easements, total number of easements, acreage, and number of easements on historic structures.

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.

Table with 3 columns: Question, (a) Donor advised funds, (b) Funds and other accounts. Rows include questions about reporting art and historical treasures.

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:
- | | Amount |
|--|-----------|
| c Beginning balance | 1c |
| d Additions during the year | 1d |
| e Distributions during the year | 1e |
| f Ending balance | 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 on 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:
- | | Yes | No |
|---|---------------|----|
| (i) unrelated organizations | 3a(i) | |
| (ii) related organizations | 3a(ii) | |
| b If "Yes" on line 3a(ii), are the related organizations listed as required on Schedule R? | 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	0	873,000		873,000
b Buildings	0	17,956,600	13,742,900	4,213,700
c Leasehold improvements	0	19,704,967	9,046,174	10,658,793
d Equipment	0	101,276,925	75,509,528	25,767,397
e Other	0	0	0	0
Total. Add lines 1a through 1e. (Column (d) must equal Form 990, Part X, column (B), line 10c.)				41,512,890

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	0	
(2) Deposits - IEEE Foundation	40,414,831	
(3) Obligations under capital leases	234,249	
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
Total. (Column (b) must equal Form 990, Part X, col. (B) line 25.) ▶	40,649,080	

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.

Table with 5 main rows and sub-rows (a-e) for adjustments. Total revenue reported as 507,752,142, reconciling to 482,650,316.

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.

Table with 5 main rows and sub-rows (a-e) for adjustments. Total expenses reported as 485,155,129, reconciling to 461,909,591.

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.

Schedule D, Part X, Line 2 - INCOME TAXES AND TAX STATUS - The Institute follows the provisions of FASB ASC 740, Income Taxes. ASC 740-10 clarifies the accounting for uncertainty in tax positions taken or expected to be taken in a tax return, including issues relating to financial statement recognition and measurement. This section provides that the tax effects from an uncertain tax position can be recognized in the financial statements only if the position is more likely than not to be sustained if the position were to be challenged by a taxing authority. The assessment of the tax position is based solely on the technical merits of the position, without regard to the likelihood that the tax position may be challenged. The Institute is qualified under Section 501(c)(3) of the Internal Revenue Code (Code) as an organization exempt from federal income tax and applicable state income tax and is classified as a publicly supported charitable organization under Section 509(a)(2) of the Code. Nevertheless, the Institute may be subject to tax on income unrelated to its exempt purpose, unless that income is otherwise excluded by the Code. As of December 31, 2016, management has determined that there are no significant uncertain tax positions that would require recognition or disclosure in the accompanying consolidated financial statements.

Schedule D, Part XI, Line 2d - Eliminations

Schedule D, Part XII, Line 2d - Eliminations

**SCHEDULE F
(Form 990)**

Statement of Activities Outside the United States

OMB No. 1545-0047

2016

Open to Public Inspection

▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 14b, 15, or 16.
▶ Attach to Form 990.

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

Department of the Treasury
Internal Revenue Service

Name of the organization

Employer identification number

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC

13-1656633

Part I General Information on Activities Outside the United States. Complete if the organization answered "Yes" on 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 the region	(d) Activities conducted in the region (by type) (such as, 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 the region	(f) Total expenditures for and investments in the region
(1) Sch F, Stmt 1					
(2)					
(3)					
(4)					
(5)					
(6)					
(7)					
(8)					
(9)					
(10)					
(11)					
(12)					
(13)					
(14)					
(15)					
(16)					
(17)					
3a Sub-total	2	3			31,396,126
b Total from continuation sheets to Part I		1			15,179,135
c Totals (add lines 3a and 3b)	3	4			46,575,261

Part II **Grants and Other Assistance to Organizations or Entities Outside the United States.** Complete if the organization answered "Yes" on 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 noncash assistance	(h) Description of noncash assistance	(i) Method of valuation (book, FMV, appraisal, other)
(1)			Sch F, Stmt 2						
(2)									
(3)									
(4)									
(5)									
(6)									
(7)									
(8)									
(9)									
(10)									
(11)									
(12)									
(13)									
(14)									
(15)									
(16)									

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 **14**

3 Enter total number of other organizations or entities **9**

Part III **Grants and Other Assistance to Individuals Outside the United States.** Complete if the organization answered "Yes" on Form 990, Part IV, line 16.
 Part III can be duplicated if additional space is needed.

(a) Type of grant or assistance	(b) Region	(c) Number of recipients	(d) Amount of cash grant	(e) Manner of cash disbursement	(f) Amount of noncash assistance	(g) Description of noncash assistance	(h) Method of valuation (book, FMV, appraisal, other)
(1) Sch F, Stmt 3							
(2)							
(3)							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							
(11)							
(12)							
(13)							
(14)							
(15)							
(16)							
(17)							
(18)							

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; do not 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; do not 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.

Schedule F, Part I, Line 2 - IEEE, through its Awards Board, establishes policies and procedures to provide for the orderly development and implementation of awards, scholarships, and recognition programs. The awards administered by the Awards Board and its committees are approved by the Board of Directors. The Board of Directors has delegated approval authority, in accordance with the established policies and procedures, to those major boards having chartered Awards and Recognition Committees.

Area with horizontal dashed lines for supplemental information.

Accounts and Activities Outside the United States

		Offices	Employees	Total
Region	Central America and the Caribbean	0	0	377,528
Activities	Program Services			
Services	Member & Public Imperatives			
Region	Central America and the Caribbean	0	0	234,538
Activities	Program Services			
Services	Conferences			
Region	Central America and the Caribbean	0	0	121,596
Activities	Program Services			
Services	Standards and Others			
Region	Central America and the Caribbean	0	0	16,597
Activities	Grantmaking			
Services				
Region	East Asia and the Pacific	0	0	914,788
Activities	Program Services			
Services	Member & Public Imperatives			
Region	East Asia and the Pacific	0	0	13,542
Activities	Program Services			
Services	Periodicals			
Region	East Asia and the Pacific	0	0	12,875,430
Activities	Program Services			
Services	Conferences			
Region	East Asia and the Pacific	2	3	1,068,905
Activities	Program Services			
Services	Standards and Others			
Region	East Asia and the Pacific	0	0	315,954
Activities	Grantmaking			
Services				
Region	Europe (including Iceland and Greenland)	0	0	360,737
Activities	Program Services			
Services	Member & Public Imperatives			
Region	Europe (including Iceland and Greenland)	0	0	9,019
Activities	Program Services			
Services	Periodicals			
Region	Europe (including Iceland and Greenland)	0	0	14,051,850
Activities	Program Services			
Services	Conferences			
Region	Europe (including Iceland and Greenland)	0	0	396,612
Activities	Program Services			
Services	Standards and Others			
Region	Europe (including Iceland and Greenland)	0	0	554,054
Activities	Grantmaking			
Services				
Region	Middle East and North Africa	0	0	82,470
Activities	Program Services			
Services	Member & Public Imperatives			

Schedule F, Part V, Statement 1

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC

Region	Middle East and North Africa	0	0	2,506
Activities	Program Services			
Services	Periodicals			
Region	Middle East and North Africa	0	0	912,478
Activities	Program Services			
Services	Conferences			
Region	Middle East and North Africa	0	0	51,786
Activities	Program Services			
Services	Standards and Others			
Region	Middle East and North Africa	0	0	79,423
Activities	Grantmaking			
Services				
Region	North America (including Canada and Mexico, but not the United States)	0	0	511,226
Activities	Program Services			
Services	Member & Public Imperatives			
Region	North America (including Canada and Mexico, but not the United States)	0	0	33,705
Activities	Program Services			
Services	Periodicals			
Region	North America (including Canada and Mexico, but not the United States)	0	0	5,191,422
Activities	Program Services			
Services	Conferences			
Region	North America (including Canada and Mexico, but not the United States)	0	0	488,900
Activities	Program Services			
Services	Standards and Others			
Region	North America (including Canada and Mexico, but not the United States)	0	0	122,826
Activities	Grantmaking			
Services				
Region	Russia and the newly independent States	0	0	43,302
Activities	Program Services			
Services	Member & Public Imperatives			
Region	Russia and the newly independent States	0	0	2,400
Activities	Program Services			
Services	Periodicals			
Region	Russia and the newly independent States	0	0	8,525
Activities	Program Services			
Services	Conferences			
Region	Russia and the newly independent States	1	1	14,393
Activities	Program Services			
Services	Standards and Others			
Region	Russia and the newly independent States	0	0	2,599
Activities	Grantmaking			
Services				
Region	South America	0	0	414,081
Activities	Program Services			
Services	Member & Public Imperatives			
Region	South America	0	0	111
Activities	Program Services			
Services	Periodicals			
Region	South America	0	0	1,081,439

Schedule F, Part V, Statement 1

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC

Activities	Program Services			
Services	Conferences			
Region	South America	0	0	4,955,724
Activities	Program Services			
Services	Standards and Others			
Region	South America	0	0	27,609
Activities	Grantmaking			
Services				
Region	South Asia	0	0	331,594
Activities	Program Services			
Services	Member & Public Imperatives			
Region	South Asia	0	0	2,186
Activities	Program Services			
Services	Periodicals			
Region	South Asia	0	0	382,135
Activities	Program Services			
Services	Conferences			
Region	South Asia	0	0	202,516
Activities	Program Services			
Services	Standards and Others			
Region	South Asia	0	0	169,055
Activities	Grantmaking			
Services				
Region	Sub-Saharan Africa	0	0	15,251
Activities	Program Services			
Services	Member & Public Imperatives			
Region	Sub-Saharan Africa	0	0	104,867
Activities	Program Services			
Services	Conferences			
Region	Sub-Saharan Africa	0	0	25,515
Activities	Program Services			
Services	Standards and Others			
Region	Sub-Saharan Africa	0	0	4,067
Activities	Grantmaking			
Services				
Total:		3	4	46,575,261

Grants To Organization Outside US

		Cash Grant	Non-Cash Assistance
Region	Europe (including Iceland and Greenland)	8,000	0
Grant	Engineering Development		
Cash Disbursement	Wire Transfer		
Desc. of Non-Cash Asst.	Not Applicable		
Valuation	Not Applicable		
Region	Central America and the Caribbean	15,000	0
Grant	Engineering Development		
Cash Disbursement	Wire Transfer		
Desc. of Non-Cash Asst.	Not Applicable		
Valuation	Not Applicable		
Region	South Asia	56,235	0
Grant	Engineering Development		
Cash Disbursement	Wire Transfer		
Desc. of Non-Cash Asst.	Not Applicable		
Valuation	Not Applicable		
Region	Europe (including Iceland and Greenland)	16,500	0
Grant	Engineering Development		
Cash Disbursement	Wire Transfer		
Desc. of Non-Cash Asst.	Not Applicable		
Valuation	Not Applicable		
Region	South Asia	5,051	0
Grant	Engineering Development		
Cash Disbursement	Wire Transfer		
Desc. of Non-Cash Asst.	Not Applicable		
Valuation	Not Applicable		
Region	Europe (including Iceland and Greenland)	5,572	0
Grant	Engineering Development		
Cash Disbursement	Wire Transfer		
Desc. of Non-Cash Asst.	Not Applicable		
Valuation	Not Applicable		
Region	Europe (including Iceland and Greenland)	9,860	0
Grant	Engineering Development		
Cash Disbursement	Wire Transfer		
Desc. of Non-Cash Asst.	Not Applicable		
Valuation	Not Applicable		
Region	Europe (including Iceland and Greenland)	10,368	0
Grant	Engineering Development		
Cash Disbursement	Wire Transfer		
Desc. of Non-Cash Asst.	Not Applicable		
Valuation	Not Applicable		
Region	East Asia and the Pacific	40,000	0
Grant	Engineering Development		
Cash Disbursement	Wire Transfer		
Desc. of Non-Cash Asst.	Not Applicable		
Valuation	Not Applicable		
Region	Middle East and North Africa	15,000	0
Grant	Engineering Achievement Award		

Schedule F, Part V, Statement 2

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC

Cash Disbursement	Check		
Desc. of Non-Cash Asst.	Not Applicable		
Valuation	Not Applicable		
Region	East Asia and the Pacific	15,000	0
Grant	Engineering Achievement Award		
Cash Disbursement	Wire Transfer		
Desc. of Non-Cash Asst.	Not Applicable		
Valuation	Not Applicable		
Region	Europe (including Iceland and Greenland)	7,600	0
Grant	Engineering Development		
Cash Disbursement	Wire Transfer		
Desc. of Non-Cash Asst.	Not Applicable		
Valuation	Not Applicable		
Region	Europe (including Iceland and Greenland)	40,000	0
Grant	Engineering Development		
Cash Disbursement	Wire Transfer		
Desc. of Non-Cash Asst.	Not Applicable		
Valuation	Not Applicable		
Region	Europe (including Iceland and Greenland)	5,019	0
Grant	Engineering Development		
Cash Disbursement	Wire Transfer		
Desc. of Non-Cash Asst.	Not Applicable		
Valuation	Not Applicable		
Region	Middle East and North Africa	40,000	0
Grant	Engineering Development		
Cash Disbursement	Wire Transfer		
Desc. of Non-Cash Asst.	Not Applicable		
Valuation	Not Applicable		
Region	Europe (including Iceland and Greenland)	13,000	0
Grant	Engineering Development		
Cash Disbursement	Wire Transfer		
Desc. of Non-Cash Asst.	Not Applicable		
Valuation	Not Applicable		
Region	South America	10,000	0
Grant	Engineering Development		
Cash Disbursement	Check		
Desc. of Non-Cash Asst.	Not Applicable		
Valuation	Not Applicable		
Region	Europe (including Iceland and Greenland)	14,840	0
Grant	Engineering Development		
Cash Disbursement	Wire Transfer		
Desc. of Non-Cash Asst.	Not Applicable		
Valuation	Not Applicable		
Region	Europe (including Iceland and Greenland)	13,800	0
Grant	Engineering Development		
Cash Disbursement	Wire Transfer		
Desc. of Non-Cash Asst.	Not Applicable		
Valuation	Not Applicable		
Region	Europe (including Iceland and Greenland)	33,044	0
Grant	Engineering Achievement Award		
Cash Disbursement	Wire Transfer		
Desc. of Non-Cash Asst.	Not Applicable		

Valuation	Not Applicable		
Region	Europe (including Iceland and Greenland)	5,500	0
Grant	Engineering Development		
Cash Disbursement	Wire Transfer		
Desc. of Non-Cash Asst.	Not Applicable		
Valuation	Not Applicable		
Region	Europe (including Iceland and Greenland)	10,000	0
Grant	Engineering Development		
Cash Disbursement	Wire Transfer		
Desc. of Non-Cash Asst.	Not Applicable		
Valuation	Not Applicable		
Region	East Asia and the Pacific	15,000	0
Grant	Engineering Fellowship		
Cash Disbursement	Wire Transfer		
Desc. of Non-Cash Asst.	Not Applicable		
Valuation	Not Applicable		

Grants To Individuals Located Outside US

		Recipients	Cash Grant	Non-Cash Assistance
Assistance	Engineering Achievement Award	1	1,500	0
Region	Central America and the Caribbean			
Cash Disbursement	Checks; Wire Transfers			
Desc. of Non-Cash Asst.	Not Applicable			
Valuation	Not Applicable			
Assistance	Engineering Achievement Award	203	113,947	0
Region	East Asia and the Pacific			
Cash Disbursement	Checks; Wire Transfers			
Desc. of Non-Cash Asst.	Not Applicable			
Valuation	Not Applicable			
Assistance	Engineering Achievement Award	209	199,377	0
Region	Europe (including Iceland and Greenland)			
Cash Disbursement	Checks; Wire Transfers			
Desc. of Non-Cash Asst.	Not Applicable			
Valuation	Not Applicable			
Assistance	Engineering Achievement Award	16	12,800	0
Region	Middle East and North Africa			
Cash Disbursement	Checks; Wire Transfers			
Desc. of Non-Cash Asst.	Not Applicable			
Valuation	Not Applicable			
Assistance	Engineering Achievement Award	6	2,400	0
Region	Russia and the newly independent States			
Cash Disbursement	Checks; Wire Transfers			
Desc. of Non-Cash Asst.	Not Applicable			
Valuation	Not Applicable			
Assistance	Engineering Achievement Award	5	3,334	0
Region	South America			
Cash Disbursement	Checks; Wire Transfers			
Desc. of Non-Cash Asst.	Not Applicable			
Valuation	Not Applicable			
Assistance	Engineering Achievement Award	36	12,600	0
Region	South Asia			
Cash Disbursement	Wire Transfers			
Desc. of Non-Cash Asst.	Not Applicable			
Valuation	Not Applicable			
Assistance	Engineering Development	35	22,955	0
Region	East Asia and the Pacific			
Cash Disbursement	Checks; Wire Transfers			
Desc. of Non-Cash Asst.	Not Applicable			
Valuation	Not Applicable			
Assistance	Engineering Achievement Award	47	36,349	0
Region	North America (including Canada and Mexico, but not the United States)			
Cash Disbursement	Wire Transfers			
Desc. of Non-Cash Asst.	Not Applicable			
Valuation	Not Applicable			
Assistance	Engineering Achievement Award	6	2,067	0

Region	Sub-Saharan Africa			
Cash Disbursement	Checks; Wire Transfers			
Desc. of Non-Cash Asst.	Not Applicable			
Valuation	Not Applicable			
Assistance	Engineering Development	17	33,869	0
Region	Europe (including Iceland and Greenland)			
Cash Disbursement	Checks; Wire Transfers			
Desc. of Non-Cash Asst.	Not Applicable			
Valuation	Not Applicable			
Assistance	Engineering Development	2	2,500	0
Region	Middle East and North Africa			
Cash Disbursement	Wire Transfers			
Desc. of Non-Cash Asst.	Not Applicable			
Valuation	Not Applicable			
Assistance	Engineering Development	7	12,900	0
Region	North America (including Canada and Mexico, but not the United States)			
Cash Disbursement	Checks; Wire Transfers			
Desc. of Non-Cash Asst.	Not Applicable			
Valuation	Not Applicable			
Assistance	Engineering Development	1	1,000	0
Region	Sub-Saharan Africa			
Cash Disbursement	Wire Transfers			
Desc. of Non-Cash Asst.	Not Applicable			
Valuation	Not Applicable			
Assistance	Engineering Development	2	3,000	0
Region	South America			
Cash Disbursement	Checks; Wire Transfers			
Desc. of Non-Cash Asst.	Not Applicable			
Valuation	Not Applicable			
Assistance	Engineering Fellowship	6	23,000	0
Region	Europe (including Iceland and Greenland)			
Cash Disbursement	Checks; Wire Transfers			
Desc. of Non-Cash Asst.	Not Applicable			
Valuation	Not Applicable			
Assistance	Engineering Development	3	6,630	0
Region	South Asia			
Cash Disbursement	Wire Transfers			
Desc. of Non-Cash Asst.	Not Applicable			
Valuation	Not Applicable			
Assistance	Engineering Fellowship	3	7,780	0
Region	East Asia and the Pacific			
Cash Disbursement	Checks; Wire Transfers			
Desc. of Non-Cash Asst.	Not Applicable			
Valuation	Not Applicable			
Assistance	Engineering Scholarship	6	39,000	0
Region	East Asia and the Pacific			
Cash Disbursement	Wire Transfers			
Desc. of Non-Cash Asst.	Not Applicable			
Valuation	Not Applicable			
Assistance	Engineering Scholarship	7	21,000	0
Region	Europe (including Iceland and Greenland)			

Schedule F, Part V, Statement 3

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC

Cash Disbursement	Wire Transfers			
Desc. of Non-Cash Asst.	Not Applicable			
Valuation	Not Applicable			
Assistance	Engineering Scholarship	1	1,000	0
Region	Middle East and North Africa			
Cash Disbursement	Wire Transfers			
Desc. of Non-Cash Asst.	Not Applicable			
Valuation	Not Applicable			
Assistance	Engineering Scholarship	4	16,500	0
Region	North America (including Canada and Mexico, but not the United States)			
Cash Disbursement	Wire Transfers			
Desc. of Non-Cash Asst.	Not Applicable			
Valuation	Not Applicable			
Assistance	Engineering Scholarship	1	1,000	0
Region	South America			
Cash Disbursement	Wire Transfers			
Desc. of Non-Cash Asst.	Not Applicable			
Valuation	Not Applicable			
Assistance	Engineering Scholarship	32	32,300	0
Region	South Asia			
Cash Disbursement	Wire Transfers			
Desc. of Non-Cash Asst.	Not Applicable			
Valuation	Not Applicable			
Assistance	Engineering Scholarship	1	1,000	0
Region	Sub-Saharan Africa			
Cash Disbursement	Wire Transfers			
Desc. of Non-Cash Asst.	Not Applicable			
Valuation	Not Applicable			

**SCHEDULE I
(Form 990)**

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

OMB No. 1545-0047

2016

**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

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC

Employer identification number

13-1656633

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? Yes No
- 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. Part II can be duplicated if additional space is needed.

1 (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 (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) Sch I, Stmt 1							
(2)							
(3)							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							
(11)							
(12)							

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ▶ 17

3 Enter total number of other organizations listed in the line 1 table ▶ 0

Description of Grants and Other Assistance to Governments and Organizations in the United States

		Recipient EIN	Amt. of cash grant	Amt. of non- cash asst.
Name and address	IEEE Foundation Inc 445 Hoes Lane Piscataway, NJ 08854	23-1710664	2,563,738	0
IRC code section	501(c)(3)			
Method of valuation	Not Applicable			
Desc. of Non-Cash Asst.	Not Applicable			
Purpose of grant	Engineering Development			
Name and address	AFCCE Scholarship Fund PO Box 19333 Washington, DC 20036-0333	52-1126368	40,000	0
IRC code section	501(c)(6)			
Method of valuation	Not Applicable			
Desc. of Non-Cash Asst.	Not Applicable			
Purpose of grant	Engineering Development			
Name and address	Africa Development Promise 1031 33rd StSTE 174 Denver, CO 80205	38-3909756	10,000	0
IRC code section	501(c)(3)			
Method of valuation	Not Applicable			
Desc. of Non-Cash Asst.	Not Applicable			
Purpose of grant	Engineering Development			
Name and address	Arizona State University Foundation for a New American University PO Box 2260 Tempe, AZ 85260-2260	86-6051042	22,300	0
IRC code section	501(c)(3)			
Method of valuation	Not Applicable			
Desc. of Non-Cash Asst.	Not Applicable			
Purpose of grant	Engineering Development			
Name and address	Arizona State University c/o G HeydtEE PO Box 875706 Tempe, AZ 85259	86-0196696	10,000	0
IRC code section	501(c)(3)			
Method of valuation	Not Applicable			
Desc. of Non-Cash Asst.	Not Applicable			
Purpose of grant	Engineering Scholarship			
Name and address	California Polytechnic State University Foundation Attn Accounts Payable One Grand Ave Heron Hall San Luis Obispo, CA 93707	20-4927897	6,000	0
IRC code section	501(c)(3)			
Method of valuation	Not Applicable			
Desc. of Non-Cash Asst.	Not Applicable			
Purpose of grant	Engineering Scholarship			
Name and address	Carnegie Mellon University 5000 Forbes Ave	25-0969449	65,000	0

	Pittsburgh, PA 15213			
IRC code section	501(c)(3)			
Method of valuation	Not Applicable			
Desc. of Non-Cash Asst.	Not Applicable			
Purpose of grant	Engineering Fellowship			
Name and address	Clemson University Math Sciences Dept Attn Felice Manganiello Clemson, SC 29634	57-6000254	18,650	0
IRC code section	501(c)(3)			
Method of valuation	Not Applicable			
Desc. of Non-Cash Asst.	Not Applicable			
Purpose of grant	Engineering Development			
Name and address	Corporation of Gonzaga University 502 E Boone Spokane, WA 99258-0026	91-0236600	7,000	0
IRC code section	501(c)(3)			
Method of valuation	Not Applicable			
Desc. of Non-Cash Asst.	Not Applicable			
Purpose of grant	Engineering Scholarship			
Name and address	Curators of the University of Missouri 325 Computer Science 1870 Miner Cir Rolla, MO 65409-0350	43-6006859	34,800	0
IRC code section	501(c)(3)			
Method of valuation	Not Applicable			
Desc. of Non-Cash Asst.	Not Applicable			
Purpose of grant	Engineering Achievement Award			
Name and address	Drexel University 3201 Arch St Suite 420 Philadelphia, PA 19104	23-1352630	18,000	0
IRC code section	501(c)(3)			
Method of valuation	Not Applicable			
Desc. of Non-Cash Asst.	Not Applicable			
Purpose of grant	Engineering Scholarship			
Name and address	Georgia Institute of Technology 225 North Avenue Atlanta, GA 30308	58-6002023	6,000	0
IRC code section	501(c)(3)			
Method of valuation	Not Applicable			
Desc. of Non-Cash Asst.	Not Applicable			
Purpose of grant	Engineering Scholarship			
Name and address	Milburn Township Board of Education 434 Milburn Avenue Milburn, NJ 07041	22-6002084	11,800	0
IRC code section	501(c)(3)			
Method of valuation	Not Applicable			
Desc. of Non-Cash Asst.	Not Applicable			
Purpose of grant	Engineering Development			
Name and address	Regents of University of Colorado 1800 Grant Street Suite 600 Denver, CO 80203	84-6000555	87,500	0
IRC code section	501(c)(3)			

Schedule I, Part IV, Statement 1

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC

Method of valuation	Not Applicable			
Desc. of Non-Cash Asst.	Not Applicable			
Purpose of grant	Engineering Development			
Name and address	Regis University 3333 Regis Boulevard Denver, CO 80221	84-0402707	83,333	0
IRC code section	501(c)(3)			
Method of valuation	Not Applicable			
Desc. of Non-Cash Asst.	Not Applicable			
Purpose of grant	Engineering Development			
Name and address	University of South Florida Dr Ranganathan Coll of Eng ENB 118 Nan Research Ctr 4202 E Fowler Ave Tampa, FL 33620	59-2959590	8,000	0
IRC code section	501(c)(3)			
Method of valuation	Not Applicable			
Desc. of Non-Cash Asst.	Not Applicable			
Purpose of grant	Engineering Scholarship			
Name and address	University of Denver Dr David W Gao 2016 NAPS Conference 2155 W Wesley Ave Rm 279 Denver, CO 80208	84-0404231	15,000	0
IRC code section	501(c)(3)			
Method of valuation	Not Applicable			
Desc. of Non-Cash Asst.	Not Applicable			
Purpose of grant	Engineering Development			

**SCHEDULE J
(Form 990)**

Department of the Treasury
Internal Revenue Service

Compensation Information

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

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

▶ Attach to Form 990.

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

OMB No. 1545-0047

2016

Open to Public Inspection

Name of the organization
INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC

Employer identification number

13-1656633

Part I Questions Regarding Compensation

	Yes	No
<p>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.</p> <p> <input checked="" type="checkbox"/> First-class or charter travel <input type="checkbox"/> Housing allowance or residence for personal use <input checked="" type="checkbox"/> Travel for companions <input type="checkbox"/> Payments for business use of personal residence <input checked="" type="checkbox"/> Tax indemnification and gross-up payments <input type="checkbox"/> Health or social club dues or initiation fees <input type="checkbox"/> Discretionary spending account <input type="checkbox"/> Personal services (such as, maid, chauffeur, chef) </p>		
<p>b If any of the boxes on 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</p>	✓	
<p>2 Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all directors, trustees, and officers, including the CEO/Executive Director, regarding the items checked on line 1a?</p>	✓	
<p>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.</p> <p> <input checked="" type="checkbox"/> Compensation committee <input checked="" type="checkbox"/> Written employment contract <input checked="" type="checkbox"/> Independent compensation consultant <input checked="" type="checkbox"/> Compensation survey or study <input checked="" type="checkbox"/> Form 990 of other organizations <input checked="" type="checkbox"/> Approval by the board or compensation committee </p>		
<p>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:</p>		
<p>a Receive a severance payment or change-of-control payment?</p>		✓
<p>b Participate in, or receive payment from, a supplemental nonqualified retirement plan?</p>	✓	
<p>c Participate in, or receive payment from, an equity-based compensation arrangement?</p> <p>If "Yes" to any of lines 4a–c, list the persons and provide the applicable amounts for each item in Part III.</p>		✓
<p>Only section 501(c)(3), 501(c)(4), and 501(c)(29) organizations must complete lines 5–9.</p>		
<p>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:</p>		
<p>a The organization?</p>	✓	
<p>b Any related organization?</p> <p>If "Yes" on line 5a or 5b, describe in Part III.</p>		✓
<p>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:</p>		
<p>a The organization?</p>		✓
<p>b Any related organization?</p> <p>If "Yes" on line 6a or 6b, describe in Part III.</p>		✓
<p>7 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization provide any nonfixed payments not described on lines 5 and 6? If "Yes," describe in Part III</p>		✓
<p>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</p>		✓
<p>9 If "Yes" on line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53.4958-6(c)?</p>		

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

For each individual whose compensation must be reported 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 aren't listed on Form 990, Part VII.

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

(A) Name and Title		(B) Breakdown of W-2 and/or 1099-MISC compensation			(C) Retirement and other deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation in column (B) reported as deferred on prior Form 990	
		(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation					
1	Barry L Shoop, IEEE President and CEO	(i)	0	0	164,972	0	0	164,972	0
		(ii)	0	0	0	0	0	0	0
2	E James Prendergast, Asst. Secretary & Exec Dir	(i)	626,609	190,000	74,997	217,637	7,085	1,116,328	0
		(ii)	0	0	0	0	0	0	0
3	Thomas R Siegert, Asst. Treas, Staff Exec & CFO	(i)	406,157	54,170	20,365	35,000	8,862	524,554	0
		(ii)	0	0	0	0	0	0	0
4	Mary Ward-Callan, Mging Director - Technical Activities	(i)	369,975	51,450	53,366	35,000	9,707	519,498	0
		(ii)	0	0	0	0	0	0	0
5	Michael B Forster, Managing Dir - Publications	(i)	343,263	0	21,299	20,538	6,685	391,785	0
		(ii)	0	0	0	0	0	0	0
6	Donna Hourican, Staff Executive Corp Activities	(i)	293,474	32,440	17,125	35,000	0	378,039	0
		(ii)	0	0	0	0	0	0	0
7	Karen L Hawkins, Chief Marketing Officer	(i)	257,263	35,070	15,458	35,000	10,424	353,215	0
		(ii)	0	0	0	0	0	0	0
8	Cherif Amirat, Chief Information Officer	(i)	338,770	26,190	6,120	28,488	9,131	408,699	0
		(ii)	0	0	0	0	0	0	0
9	Eileen M Lach, General Counsel & CCO	(i)	501,013	65,190	29,453	35,000	4,410	635,066	0
		(ii)	0	0	0	0	0	0	0
10	Jonathan Dahl, Lead Director Prof Education & Svcs	(i)	233,256	171,733	48,768	35,000	11,608	500,365	0
		(ii)	0	0	0	0	0	0	0
11	Francis Staples, Sr Dir - Global Sales & Customer Ops	(i)	185,466	247,440	33,102	28,488	9,130	503,626	0
		(ii)	0	0	0	0	0	0	0
12	Jean Jennings, Director - International Sales	(i)	166,592	281,996	50,373	35,000	3,871	537,832	0
		(ii)	0	0	0	0	0	0	0
13	Konstantinos Karachalios, Managing Dir - IEEE Standards	(i)	360,057	50,440	33,873	35,000	0	479,370	0
		(ii)	0	0	0	0	0	0	0
14		(i)							
		(ii)							
15		(i)							
		(ii)							
16		(i)							
		(ii)							

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.

Schedule J, Part I, Line 1a - FIRST-CLASS TRAVEL: In accordance with Policy, business class fares are permissible, if budgeted by the organizational unit, and if the flying time is over eight consecutive hours for a single segment or over eight hours flying time where a layover is required. Business class is defined as an intermediate class above economy class but below first class. In all cases individuals are encouraged to purchase upgradeable coach class fares and use miles or coupons to upgrade to business class. Permission to travel business class for medical reasons may be granted by the President or in the case of staff, the executive director. If first class is the only available class other than economy class, reimbursement shall occur only when all criteria to travel business class have been met and permission is granted by the unit Vice President or President, or, in the case of Staff, the IEEE Executive Director. All reimbursed first class fares shall be reported to the IEEE Audit Committee. The following listed persons were reimbursed for first class travel or business first class travel: Barry L. Shoop, President & CEO; Karen Bartleson, President-Elect; Howard E. Michel, Past President; E. James Prendergast, Asst. Secretary & Exec Dir; Thomas R. Siegert, Asst. Treas & CFO; Jonathan Dahl, Sr. Director - Strategic Bus. Devt; Francis Staples, Sr Director - Global Sales & Customer Ops; Jean Jennings, Director- International Sales. No part of these reimbursements was treated as taxable compensation. TRAVEL FOR COMPANIONS: In accordance with Policy, due to the extensive travel required by the IEEE President, the IEEE President is reimbursed for reasonable, budgeted travel expenses for his/her spouse or other travel companion when accompanying the President on IEEE business. Barry L. Shoop, as President & CEO in 2016, received reimbursement in 2016 for spousal travel incurred in 2016. These reimbursements were treated as taxable compensation and reported on Form 1099MISC. Employees are not reimbursed for travel expenses of companions. TAX INDEMNIFICATION AND GROSS UP PAYMENTS: In accordance with Policy, the IEEE President is paid a cash gross up payment to cover any foreign or United States federal, state or local income taxes applicable to the aggregate value of X (the spouse or other travel companion travel expense reimbursement), plus Y (the cash gross up payment). Barry L. Shoop, as President & CEO in 2016, received a tax indemnification and gross-up payment in 2016 for spousal travel incurred in 2016. This payment was treated as taxable compensation and reported on Form 1099MISC.

Schedule J, Part I, Line 3 - The IEEE Board of Directors, through its external legal counsel engaged a Compensation Consultant to provide the Board with consulting advice and market comparability data about executive compensation to enable the Board to establish a rebuttable presumption of reasonableness under Intermediate Sanctions Legislation ("Section 4958"). A committee of Independent Board members and non-board members (The IEEE Employee Benefits & Compensation Committee) is charged with evaluating the total compensation package of selected executives and Board members, called "Disqualified Persons." The Consultant provided this committee with valid comparable market data from published sources for comparable positions from both tax-exempt and for-profit organizations. The assessment was conducted at the total rewards level and included all compensation components. External market comparisons were based on two primary sources of data: (1) Form 990 filings for a group of peer organizations identified by the Consultant based on various criteria and (2) Published surveys; scope cuts including industry, FTEs and revenue were selected that represented organizations comparable to IEEE. The following screening criteria were used to select comparable organizations: (1) NTEE code: (a) general science institutions (b) Engineering and Technology Services (c) Professional Society and (d) Research institutions; (2) Income and assets; (3) Employee Size. Once organizations were screened using that criteria, the following information was collected: (a) whether the organization has international presence, (b) whether they are a standard-setting organization; (c) whether they have a significant publishing activity; and (4) the extent of its focus on contract research. The Committee then reviewed individual and market data. The Committee then debated and documented its decisions about what is reasonable and its decision-making process for multiple disqualified persons. The Consultant then provided a "presumption of reasonable compensation" letter for the IEEE's files. DISQUALIFIED INDIVIDUALS INCLUDE THE FOLLOWING: 1. The IEEE Board of Directors; 2. Executive Director and Chief Operating Officer; 3. Chief Financial Officer and Acting Chief Human Resources Officer; 4. Staff Executive, Corporate Activities; 5. Managing Director, Publications; 6. Chief Information Officer; 7. Chief Marketing Officer, terminated 6/12/16, replaced by successor from 4/29/16 onwards; 8. Managing Director, Technical Activities; 9. Managing Director, Membership & Geographic Activities; 10. Managing Director, Standards Association; 11. Managing Director, Educational Activities; 12. Managing Director, IEEE-USA; 13. General Counsel and Chief Compliance Officer; 14. Senior Director, Global Sales & Customer Operations; 15. Senior Director, Strategic Business Development; 16. Staff Executive, Human Resources; 17. Executive Director, IEEE Foundation; 18. Senior Manager, Strategic Programs; 19. Inside Sales Assistant

Schedule J, Part I, Line 4 - Sec. 457(b) Plan: E. James Prendergast \$18,000; Michael B. Forster \$18,000; Jean Jennings \$18,000; Mary Ward-Callan \$15,815; Jonathan Dahl \$18,000; Francis Staples \$18,000; Konstantinos Karachalios \$17,395. E James Prendergast, Executive Director, is the only participant in a nonqualified, unfunded, deferred compensation plan under section 457(f) of the IRS code. Column C of Part II Schedule J, Retirement and Other Deferred Compensation, includes an amount of \$182,637 for 2016.

Part III - Supplemental Information (Continued)

Schedule J, Part I, Line 5 - Jean Jennings \$281,996 Commissions; Francis Staples \$247,440 Commissions; Jonathan Dahl \$171,733 Commissions

Schedule J, Part II - Column B(iii), Other Reportable Compensation, includes if applicable, payments related to Severance, Vacation Payout, IRS Sec. 457(b) Plan, IRS Sec. 457(f) Plan, Defined Contribution Cash Payout, and Long Term Disability Premiums.

SCHEDULE L
(Form 990 or 990-EZ)

Transactions With Interested Persons

OMB No. 1545-0047

2016

Open To Public Inspection

Department of the Treasury
Internal Revenue Service

▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 25a, 25b, 26, 27, 28a, 28b, or 28c, or Form 990-EZ, Part V, line 38a or 40b.
▶ Attach to Form 990 or Form 990-EZ.
▶ Information about Schedule L (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.

Name of the organization
INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC

Employer identification number
13-1656633

Part I Excess Benefit Transactions (section 501(c)(3), section 501(c)(4), and 501(c)(29) organizations only).
Complete if the organization answered "Yes" on Form 990, Part IV, line 25a or 25b, or Form 990-EZ, Part V, line 40b.

1	(a) Name of disqualified person	(b) Relationship between disqualified person and organization	(c) Description of transaction	(d) Corrected?	
				Yes	No
(1)					
(2)					
(3)					
(4)					
(5)					
(6)					

2 Enter the amount of tax incurred by the organization managers or disqualified persons during the year under section 4958 ▶ \$ _____

3 Enter the amount of tax, if any, on line 2, above, reimbursed by the organization ▶ \$ _____

Part II Loans to and/or From Interested Persons.
Complete if the organization answered "Yes" on Form 990-EZ, Part V, line 38a or Form 990, Part IV, line 26; or if the organization reported an amount on Form 990, Part X, line 5, 6, or 22.

1	(a) Name of interested person	(b) Relationship with organization	(c) Purpose of loan	(d) Loan to or from the organization?		(e) Original principal amount	(f) Balance due	(g) In default?		(h) Approved by board or committee?		(i) Written agreement?	
				To	From			Yes	No	Yes	No	Yes	No
(1)													
(2)													
(3)													
(4)													
(5)													
(6)													
(7)													
(8)													
(9)													
(10)													
Total ▶							\$						

Part III Grants or Assistance Benefiting Interested Persons.
Complete if the organization answered "Yes" on Form 990, Part IV, line 27.

1	(a) Name of interested person	(b) Relationship between interested person and the organization	(c) Amount of assistance	(d) Type of assistance	(e) Purpose of assistance
(1)					
(2)					
(3)					
(4)					
(5)					
(6)					
(7)					
(8)					
(9)					
(10)					

Description of Business Transactions Involving Interested Persons

		Amount of transaction
Name	Thomas M Callan	53,895
Relationship with organization	Family Member of Key Employee Mary Ward-Callan	
Description of transaction	Employment	
Sharing Of Revenues	No	
Name	Beth Surmont Expires Tax Year 2019	126,416
Relationship with organization	Family Member of Former Key Employee Elena Gerstmann	
Description of transaction	Employment	
Sharing Of Revenues	No	

**SCHEDULE M
(Form 990)**

Noncash Contributions

OMB No. 1545-0047

2016

**Open to Public
Inspection**

Department of the Treasury
Internal Revenue Service

- ▶ Complete if the organizations answered "Yes" on Form 990, Part IV, lines 29 or 30.
- ▶ Attach to Form 990.
- ▶ Information about Schedule M (Form 990) and its instructions is at www.irs.gov/form990.

Name of the organization
INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC

Employer identification number
13-1656633

Part I Types of Property

	(a) Check if applicable	(b) Number of contributions or items contributed	(c) Noncash contribution amounts reported on Form 990, Part VIII, line 1g	(d) Method of determining noncash contribution amounts
1 Art—Works of art				
2 Art—Historical treasures				
3 Art—Fractional interests				
4 Books and publications				
5 Clothing and household goods				
6 Cars and other vehicles				
7 Boats and planes				
8 Intellectual property				
9 Securities—Publicly traded				
10 Securities—Closely held stock				
11 Securities—Partnership, LLC, or trust interests				
12 Securities—Miscellaneous				
13 Qualified conservation contribution—Historic structures				
14 Qualified conservation contribution—Other				
15 Real estate—Residential				
16 Real estate—Commercial				
17 Real estate—Other				
18 Collectibles				
19 Food inventory				
20 Drugs and medical supplies				
21 Taxidermy				
22 Historical artifacts	✓	1		0 Not Applicable
23 Scientific specimens				
24 Archeological artifacts				
25 Other ▶ (.)				
26 Other ▶ (.)				
27 Other ▶ (.)				
28 Other ▶ (.)				

29 Number of Forms 8283 received by the organization during the tax year for contributions for which the organization completed Form 8283, Part IV, Donee Acknowledgement **29** **0**

	Yes	No
30a During the year, did the organization receive by contribution any property reported in Part I, lines 1 through 28, that it must hold for at least three years from the date of the initial contribution, and which isn't required to be used for exempt purposes for the entire holding period?		✓
b If "Yes," describe the arrangement in Part II.		
31 Does the organization have a gift acceptance policy that requires the review of any nonstandard contributions?		✓
32a Does the organization hire or use third parties or related organizations to solicit, process, or sell noncash contributions?		✓
b If "Yes," describe in Part II.		
33 If the organization didn't report an amount in column (c) for a type of property for which column (a) is checked, describe in Part II.		

SCHEDULE O
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Supplemental Information to Form 990 or 990-EZ

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

▶ Attach to Form 990 or 990-EZ.
▶ Information about Schedule O (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.

OMB No. 1545-0047

2016

**Open to Public
Inspection**

Name of the organization

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC

Employer identification number

13-1656633

Form 990, Part VI, Section A, Line 6 - IEEE has approximately 423,000 members in over 160 countries around the world.

Form 990, Part VI, Section A, Line 7a - The members of IEEE elect the directors of IEEE in accordance with the governing documents.

Form 990, Part VI, Section A, Line 7b - Amendments to the Constitution are subject to approval by the voting members of the organization. Voting members are those members of Member grade or above as defined in the bylaws. The Constitution was last amended in 2004.

Form 990, Part VI, Section B, Line 11b - Before the Form 990 is filed with the IRS it is reviewed by the Executive Director, Past President, Treasurer, Past Treasurer, if any, the Audit Committee Chair and the CFO/Asst. Treasurer. The return is then posted to a website accessible by the IEEE Board of Directors. Questions and comments from the Board are acted upon.

Form 990, Part VI, Section B, Line 12c - IEEE requires that officers and directors submit conflict of interest disclosure form which is reviewed for both positive and negative responses for potential conflict of interest. All IEEE employees are required to complete an annual training course and those with authority to make financial expenditures are required to submit a disclosure form. The result of an officer or director not completing a required conflict of interest disclosure form is removal from service on the committee or board.

Form 990, Part VI, Section B, Line 15 - The IEEE Board of Directors, through its external legal counsel engaged a Compensation Consultant to provide the Board with consulting advice and market comparability data about executive compensation to enable the Board to establish a rebuttable presumption of reasonableness under Intermediate Sanctions Legislation ("Section 4958"). A committee of Independent Board members and non-board members (The IEEE Employee Benefits & Compensation Committee) is charged with evaluating the total compensation package of selected executives and Board members, called "Disqualified Persons." The Consultant provided this committee with valid comparable market data from published sources for comparable positions from both tax-exempt and for-profit organizations. The assessment was conducted at the total rewards level and included all compensation components. External market comparisons were based on two primary sources of data: (1) Form 990 filings for a group of peer organizations identified by the Consultant based on various criteria and (2) Published surveys; scope cuts including industry, FTEs and revenue were selected that represented organizations comparable to IEEE. The following screening criteria were used to select comparable organizations: (1) NTEE code: (a) general science institutions (b) Engineering and Technology Services (c) Professional Society and (d) Research institutions; (2) Income and assets; (3) Employee Size. Once organizations were screened using that criteria, the following information was collected: (a) whether the organization has international presence, (b) whether they are a standard-setting organization; (c) whether they have a significant publishing activity; and (4) the extent of its focus on contract research. The Committee then reviewed individual and market data. The Committee then debated and documented its decisions about what is reasonable and its decision-making process for multiple disqualified persons. The Consultant then provided a "presumption of reasonable compensation" letter for the IEEE's files. DISQUALIFIED INDIVIDUALS INCLUDE THE FOLLOWING: 1. The IEEE Board of Directors; 2. Executive Director and Chief Operating Officer; 3. Chief Financial Officer and Acting Chief Human Resources Officer; 4. Staff Executive, Corporate Activities; 5. Managing Director, Publications; 6. Chief Information Officer; 7. Chief Marketing Officer, terminated 6/12/16, replaced by successor from 4/29/16 onwards; 8. Managing Director, Technical Activities; 9. Managing Director, Membership & Geographic Activities; 10. Managing Director, Standards Association; 11. Managing Director, Educational Activities; 12. Managing Director, IEEE-USA; 13. General Counsel and Chief Compliance Officer; 14. Senior Director, Global Sales & Customer Operations; 15. Senior Director, Strategic Business Development; 16. Staff Executive, Human Resources; 17. Executive Director, IEEE Foundation; 18. Senior Manager, Strategic Programs; 19. Inside Sales Assistant

Form 990, Part VI, Section C, Line 19 - The IEEE Governing documents, conflict of interest policy and financial statements are available on the IEEE website and to the public upon request.

Form 990, Part VII, Section A, Line 1a - For each person listed in Column A who is an Officer & Director, the average hours per week is stated as 10; however, the actual hours per week vary between 10 and 40. For each person listed as a Director, the average hours per week is stated as 5; however, the actual hours per week vary between 5 and 20. For each person listed who is an employee, the average number of hours per week is stated as 40; however, the actual hours per week vary between 40 and 80.

Activity Or Mission Description

Description

this technological revolution. Throughout 2016, IEEE increased our connectivity and collaboration with industry, expanded our global reach, focused on innovation and public policy issues. In 2016, IEEE met with over 270 leaders from 70 companies worldwide. IEEE continues to grow internationally with expanded global presence and engagement by opening offices in key geographic locations. Our Global Public Policy initiative enables IEEE to serve as an international source of information and our members work to pursue dynamic research avenues to help to continue to advance technology for the benefit of humanity. For additional 2016 IEEE significant activities, see Part III, page 2.

Third Program Service Accomplishments Description

Description

as those working at startups, incubators and accelerators; IEEE Artificial Intelligence (AI) and Ethics Summit attracted a broad spectrum of leading voices from the group of technologists, legal experts, philosophers, social scientists, manufacturers and policymakers in the artificial intelligence space to consider AI and ethics.

Other Program Services Accomplishments

Activity Code	Description	Expense	Grants	Revenue
	<p>STANDARDS AND OTHER IEEE PROGRAMS - Throughout 2016, IEEE devoted itself to expanding its role as a worldwide leader in technology policy and worked to enhance the global standardization environment. Notable accomplishments included: participation in White House MedX event where IEEE spoke to the economic impacts and considerations of blockchain technologies in healthcare and other key markets; attendance at an ITU-T Telecommunication Standardization Advisory Group meeting to familiarize IEEE with preparation processes for the 2016 International Standardization Union (ITU) World Telecommunications Standardization Assembly where IEEE presented at the Global Standards Symposium on the role of standards in the future of security and privacy; participation in the Global Standards Collaboration meeting in New Delhi and presentation of IEEE's activities in various panel sessions; IEEE strengthened standardization role in China by forging new contacts and opening dialogue with key stakeholders including the Standardization Administration of China, the country's highest standardization policy authority; the Ministry of Industry and Information Technology, the Zhongguancun Standards Association, the China Robot and Industry Alliance and the National Development and Reform Committee. IEEE also launched the International Roadmap for Devices and Systems (IRDS), a 5G Initiative to encourage participation by industry, academia and policymakers.</p>	33,543,325	0	32,832,280
Total:		33,543,325	0	32,832,280

Name Of Foreign Country

Name

United Arab Emirates

Argentina

Australia

Austria

Belgium

Bangladesh

Bosnia-Herzegovina

Belarus

Brazil

Bulgaria

Canada

Sri Lanka

China

Chile

Colombia

Costa Rica

Cyprus

Denmark

Ecuador

El Salvador

Czech Republic

Finland

France

Ghana

Germany

Greece

Guatemala

Hong Kong

Honduras

Hungary

Iceland

Indonesia

India

Israel

Italy

Japan

Jordan

Schedule O, Statement 4

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC

Kenya
Korea, Republic of (South)
Kuwait
Lebanon
Lithuania
Macau
Macedonia
Malta
Mexico
Malaysia
Nigeria
Norway
Nicaragua
New Zealand
Peru
Pakistan
Poland
Panama
Portugal
Romania
Philippines
Russia
Saudi Arabia
South Africa
Slovenia
Singapore
Spain
Sweden
Switzerland
Trinidad and Tobago
Thailand
Turkey
Taiwan
United Kingdom (England, Northern Ireland, Scotland, and Wales)
Ukraine
Uruguay
Venezuela
Vietnam

States Where Copy Of Return Is Filed

States

- AK
- AL
- AR
- CA
- CO
- CT
- DC
- FL
- GA
- HI
- IL
- KS
- KY
- MA
- MD
- ME
- MI
- MN
- MS
- NC
- ND
- NH
- NJ
- NM
- NY
- OH
- OK
- OR
- PA
- RI
- SC
- TN
- UT
- VA
- WA
- WI
- WV

Contractor Compensation

Name and address:	Description Of Services	Compensation
iEnergizer Aptara Limited Box 13963 13963 Collections Center Dr Chicago, IL 60693	Conversion of text and graphics files to XML format	3,489,776
Cadmus Professional Communications PO Box 822934 Philadelphia, PA 19182	Printing, binding and mailing services - domestic	3,405,764
Oracle America Inc 500 Oracle Parkway Redwood Shores, CA 94065	License and maintain core financial system	3,240,008
Finn Partners Inc 301 East 57th Street New York, NY 10022	Support IEEE Public Relations efforts; website management	3,016,675
IMEX Global Solutions PO Box 32229 Hartford, CT 06150	International mailing of IEEE Publications	2,238,407
Total:		15,390,630

**SCHEDULE R
(Form 990)**

Department of the Treasury
Internal Revenue Service

Related Organizations and Unrelated Partnerships

- ▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 33, 34, 35b, 36, or 37.
- ▶ Attach to Form 990.
- ▶ Information about Schedule R (Form 990) and its instructions is at www.irs.gov/form990.

OMB No. 1545-0047

2016

**Open to Public
Inspection**

Name of the organization

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC

Employer identification number

13-1656633

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
(1) See Schedule R, Part VII, Statement 1					
(2)					
(3)					
(4)					
(5)					
(6)					

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) See Schedule R, Part VII, Statement 2							
(2)							
(3)							
(4)							
(5)							
(6)							
(7)							

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	
(1)												
(2)												
(3)												
(4)												
(5)												
(6)												
(7)												

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
(1) See Schedule R, Part VII, Statement 3									
(2)									
(3)									
(4)									
(5)									
(6)									
(7)									

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.

	Yes	No
1 During the tax year, did the organization engage in any of the following transactions with one or more related organizations listed in Parts II-IV?		
a Receipt of (i) interest, (ii) annuities, (iii) royalties, or (iv) rent from a controlled entity	✓	
b Gift, grant, or capital contribution to related organization(s)	✓	
c Gift, grant, or capital contribution from related organization(s)	✓	
d Loans or loan guarantees to or for related organization(s)	✓	
e Loans or loan guarantees by related organization(s)		✓
f Dividends from related organization(s)		✓
g Sale of assets to related organization(s)		✓
h Purchase of assets from related organization(s)		✓
i Exchange of assets with related organization(s)		✓
j Lease of facilities, equipment, or other assets to related organization(s)		✓
k Lease of facilities, equipment, or other assets from related organization(s)	✓	
l Performance of services or membership or fundraising solicitations for related organization(s)	✓	
m Performance of services or membership or fundraising solicitations by related organization(s)		✓
n Sharing of facilities, equipment, mailing lists, or other assets with related organization(s)		✓
o Sharing of paid employees with related organization(s)		✓
p Reimbursement paid to related organization(s) for expenses		✓
q Reimbursement paid by related organization(s) for expenses		✓
r Other transfer of cash or property to related organization(s)		✓
s Other transfer of cash or property from related organization(s)		✓

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
IEEE Inc	a-i	853,003	Accrual
(1) IEEE GlobalSpec Inc	a-iii	932,479	Accrual
(2) IEEE Inc	d	36,156,291	Accrual
(3)			
(4)			
(5)			
(6)			

Part VI Unrelated Organizations Taxable as a Partnership. Complete if the organization answered "Yes" on Form 990, Part IV, line 37.

Provide the following information for each entity taxed as a partnership through which the organization conducted more than five percent of its activities (measured by total assets or gross revenue) that was not a related organization. See instructions regarding exclusion for certain investment partnerships.

(a) Name, address, and EIN of entity	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Predominant income (related, unrelated, excluded from tax under sections 512-514)	(e) Are all partners section 501(c)(3) organizations?		(f) Share of total income	(g) Share of end-of-year assets	(h) Disproportionate allocations?		(i) Code V—UBI amount in box 20 of Schedule K-1 (Form 1065)	(j) General or managing partner?		(k) Percentage ownership
				Yes	No			Yes	No		Yes	No	
(1)													
(2)													
(3)													
(4)													
(5)													
(6)													
(7)													
(8)													
(9)													
(10)													
(11)													
(12)													
(13)													
(14)													
(15)													
(16)													

Part VII **Supplemental Information.**

Provide additional information for responses to questions on Schedule R. See Instructions.

Area with horizontal dashed lines for providing supplemental information.

Description of Identification of Disregarded Entities

		Total income	End-of-year assets
Name and EIN	IEEE Broadcast Technology Convention LLC (13-1656633)	1,074,593	351,000
Address	445 Hoes Lane Piscataway, NJ 08854		
Primary activities	Partner of a UK partnership operating a conference.		
State or foreign country	DE		
Direct controlling entity	Institute of Electrical and Electronics Engineers Inc		
Name and EIN	IEEE International LLC (45-0570011)	0	539,344
Address	445 Hoes Lane Piscataway, NJ 08854		
Primary activities	Non-Profit activities - Scientific & Educational		
State or foreign country	DE		
Direct controlling entity	Institute of Electrical and Electronics Engineers Inc		
Name and EIN	IEEE Global LLC (13-1656633)	35	54,203
Address	445 Hoes Lane Piscataway, NJ 08854		
Primary activities	Scientific and Educational		
State or foreign country	DE		
Direct controlling entity	Institute of Electrical and Electronics Engineers Inc		

Description of Identification of Related Tax-Exempt Organizations

Name and EIN	IEEE Foundation Inc (23-7310664)
Address	445 Hoes Lane Piscataway, NJ 08854
Primary activities	Encourage technological development in engineering.
State or foreign country	NY
Exempt code section	501(c)(3)
Public charity status	7
Direct controlling entity	N/A
512(b)(13) controlled organization?	No
Name and EIN	IEEE Asia-Pacific Limited
Address	1 Fusionopolis Walk 04-07 South Tower Solaris Singapore, Singapore
Primary activities	Scientific & Educational
State or foreign country	Singapore
Exempt code section	501(c)(3)
Public charity status	10
Direct controlling entity	N/A
512(b)(13) controlled organization?	No
Name and EIN	IEEE Worldwide Limited (46-3332937)
Address	445 Hoes Lane Piscataway, NJ 08854
Primary activities	Scientific & Educational
State or foreign country	NY
Exempt code section	501(c)(3)
Public charity status	10
Direct controlling entity	Institute of Electrical and Electronics Engineers Inc
512(b)(13) controlled organization?	No
Name and EIN	Global IEEE Institute for Engineers India
Address	26/1 5th Floor WTC Brigade Gateway DR Rajkumar Road Malleswaram West Bangalore 560 055, India
Primary activities	Scientific & Educational
State or foreign country	India
Exempt code section	501(c)(3)
Public charity status	10
Direct controlling entity	N/A
512(b)(13) controlled organization?	No
Name and EIN	IEEE Technology Centre GmbH
Address	Heinestrasse 38 Vienna, Austria
Primary activities	Engage in research development and innovation in the field of engineering
State or foreign country	Austria
Exempt code section	501(c)(3)
Public charity status	10
Direct controlling entity	Institute of Electrical and Electronics Engineers Inc
512(b)(13) controlled organization?	No

Description of Related Organizations Taxable as a Corporation or Trust

		Share of total	Share of end-	Percentage Controlled
		income of-	of-year	ownership
		assets	assets	Org
Name and EIN	IEEE Inc (20-8766830)	1,637,490	34,637,029	100%Yes
Address	445 Hoes Lane Piscataway, NJ 08854			
Primary activity	Support services, 813000 Business Activity Code, Administrative, Marketing & Promotion.			
State or foreign country	DE			
Direct controlling entity	Institute of Electrical and Electronics Engineers Inc			
Type of entity	C			
Name and EIN	IEEE Europe GmbH	10,466	1,971,950	100%No
Address	c/o Fiducia-Intergest SA Rue Joseph-Girad Carouge 24-1227, Switzerland			
Primary activity	Support services, 813000 Business Activity Code, Administrative, Marketing & Promotion			
State or foreign country	Switzerland			
Direct controlling entity	Institute of Electrical and Electronics Engineers Inc			
Type of entity	C			
Name and EIN	Institute of Electrical And Electronics Engineers (IEEE) Latin America SA	0	2,329	100%No
Address	co Posadas Posadas and Vecino Juncal 1305 Floor 21 Montevideo CP11000, Uruguay			
Primary activity	Support services, 813000 Business Activity Code, Administrative, Marketing and Promotion			
State or foreign country	Uruguay			
Direct controlling entity	Institute of Electrical and Electronics Engineers Inc			
Type of entity	C			
Name and EIN	IEEE GlobalSpec Inc (14-1816368)	2,846,847	47,919,958	100%Yes
Address	201 Fuller Road Suite 202 Albany, NY 12203			
Primary activity	Online advertising, website, and catalog engineering			
State or foreign country	NY			
Direct controlling entity	IEEE Inc			
Type of entity	C			