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

Return of Organization Exempt From Income Tax

Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations)
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Information about Form 990 and its instructions is at www.irs.gov/form990

OMB No 1545-0047
2016
Open to Public Inspection

A For the 2016 calendar year, or tax year beginning 01-01-2016, and ending 12-31-2016

- 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 088544141

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

1 Briefly describe the organization's mission or most significant activities
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 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

Activities & Governance

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

3 Number of voting members of the governing body (Part VI, line 1a)	31
4 Number of independent voting members of the governing body (Part VI, line 1b)	31
5 Total number of individuals employed in calendar year 2016 (Part V, line 2a)	1,384
6 Total number of volunteers (estimate if necessary)	100,000
7a Total unrelated business revenue from Part VIII, column (C), line 12	13,981,759
7b Net unrelated business taxable income from Form 990-T, line 34	0

	Prior Year	Current Year
8 Contributions and grants (Part VIII, line 1h)	2,285,419	2,798,660
9 Program service revenue (Part VIII, line 2g)	423,081,141	442,126,092
10 Investment income (Part VIII, column (A), lines 3, 4, and 7d)	19,238,633	19,900,751
11 Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)	17,001,634	17,824,813
12 Total revenue—add lines 8 through 11 (must equal Part VIII, column (A), line 12)	461,606,827	482,650,316
13 Grants and similar amounts paid (Part IX, column (A), lines 1-3)	4,138,280	5,046,750
14 Benefits paid to or for members (Part IX, column (A), line 4)	0	0
15 Salaries, other compensation, employee benefits (Part IX, column (A), lines 5-10)	161,967,084	167,586,160
16a Professional fundraising fees (Part IX, column (A), line 11e)	0	0
b Total fundraising expenses (Part IX, column (D), line 25) ▶ 1,511,253		
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
19 Revenue less expenses Subtract line 18 from line 12	13,064,182	20,740,725

	Beginning of Current Year	End of Year
20 Total assets (Part X, line 16)	563,679,907	587,950,349
21 Total liabilities (Part X, line 26)	244,217,633	240,241,105
22 Net assets or fund balances Subtract line 21 from line 20	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 _____ Date 2017-10-27
Thomas R Siegert CFO & Asst Treasurer
Type or print name and title

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 _____

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)
 See Additional Data

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

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

(Code) (Expenses \$ 33,543,325 including grants of \$ 0) (Revenue \$ 32,832,280)
 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

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

Part IV Checklist of Required Schedules (continued)

Table with 3 columns: Question ID, Question Text, Yes, No. Rows include 20a-24d, 25a-25b, 26-27, 28a-28c, 29-31, 32-33, 34, 35a-35b, 36-37, 38.

Part V Statements Regarding Other IRS Filings and Tax Compliance

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

Table with columns for question number, question text, and Yes/No response boxes. Includes sections for backup withholding, employee reporting, prohibited tax shelter transactions, charitable contributions, and health insurance issuers.

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

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

Section A. Governing Body and Management

Table with 3 columns: Question, Yes, No. Rows include: 1a Enter the number of voting members of the governing body at the end of the tax year (31); 1b Enter the number of voting members included in line 1a, above, who are independent (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? (No); 3 Did the organization delegate control over management duties customarily performed by or under the direct supervision of officers, directors or trustees, or key employees to a management company or other person? (No); 4 Did the organization make any significant changes to its governing documents since the prior Form 990 was filed? (No); 5 Did the organization become aware during the year of a significant diversion of the organization's assets? (No); 6 Did the organization have members or stockholders? (Yes); 7a Did the organization have members, stockholders, or other persons who had the power to elect or appoint one or more members of the governing body? (Yes); 7b Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body? (Yes); 8 Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following: 8a The governing body? (Yes); 8b Each committee with authority to act on behalf of the governing body? (Yes); 9 Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the organization's mailing address? If "Yes," provide the names and addresses in Schedule O (No)

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

Table with 3 columns: Question, Yes, No. Rows include: 10a Did the organization have local chapters, branches, or affiliates? (Yes); 10b 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? (Yes); 11a Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form? (Yes); 11b 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 (Yes); 12b Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts? (Yes); 12c Did the organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," describe in Schedule O how this was done (Yes); 13 Did the organization have a written whistleblower policy? (Yes); 14 Did the organization have a written document retention and destruction policy? (Yes); 15 Did the process for determining compensation of the following persons include a review and approval by independent persons, comparability data, and contemporaneous substantiation of the deliberation and decision? 15a The organization's CEO, Executive Director, or top management official (Yes); 15b Other officers or key employees of the organization (Yes); If "Yes" to line 15a or 15b, describe the process in Schedule O (see instructions); 16a Did the organization invest in, contribute assets to, or participate in a joint venture or similar arrangement with a taxable entity during the year? (No); 16b 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

Table with 3 columns: Question, Yes, No. Rows include: 17 List the States with which a copy of this Form 990 is required to be filed (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); 18 Section 6104 requires an organization to make its Form 1023 (or 1024 if applicable), 990, and 990-T (501(c)(3)s only) available for public inspection. Indicate how you made these available. Check all that apply: [X] Own website, [] Another's website, [X] 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 445 Hoes Lane Piscataway, NJ 088544141 (732) 981-0060

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	
	b Periodicals	900099	171,673,644	167,141,874	4,531,770	
	c Conference Revenue	900099	177,490,297	177,490,297	0	
	d Standards Revenue	900099	31,668,459	31,640,459	0	
	e Other Program Service Income	900099	1,191,821	1,191,821	0	
	f All other program service revenue		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	
	4 Income from investment of tax-exempt bond proceeds		0	0	0	
	5 Royalties		14,228,199	0	932,479	
	6a Gross rents	(i) Real				
		(ii) Personal				
		72,000	0			
		b Less rental expenses	0	0		
	c Rental income or (loss)	72,000	0			
	d Net rental income or (loss)		72,000	0	0	
	7a Gross amount from sales of assets other than inventory	(i) Securities				
		(ii) Other				
		324,821,227	0			
		b Less cost or other basis and sales expenses	312,557,916	0		
	c Gain or (loss)	12,263,311	0			
	d Net gain or (loss)		12,263,311	0	0	
8a Gross income from fundraising events (not including \$ _____ of contributions reported on line 1c) See Part IV, line 18	a					
b Less direct expenses	b	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	b					
c Net income or (loss) from gaming activities						
10a Gross sales of inventory, less returns and allowances	a					
b Less cost of goods sold	b					
c Net income or (loss) from sales of inventory						
Miscellaneous Revenue	Business Code					
11a 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, line 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 IX

		(A) Beginning of year		(B) 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	48,855,973	10c 41,512,890
	11 Investments—publicly traded securities	392,167,400	11	393,332,273
	12 Investments—other securities See Part IV, line 11	0	12	0
	13 Investments—program-related See Part IV, line 11	0	13	0
	14 Intangible assets	0	14	0
	15 Other assets See Part IV, line 11	0	15	0
16 Total assets. Add lines 1 through 15 (must equal line 34)	563,679,907	16	587,950,349	
Liabilities	17 Accounts payable and accrued expenses	77,679,833	17	81,050,329
	18 Grants payable	0	18	0
	19 Deferred revenue	126,169,000	19	118,541,696
	20 Tax-exempt bond liabilities	0	20	0
	21 Escrow or custodial account liability Complete Part IV of Schedule D	0	21	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	22	0
	23 Secured mortgages and notes payable to unrelated third parties	0	23	0
	24 Unsecured notes and loans payable to unrelated third parties	0	24	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	25	40,649,080
	26 Total liabilities. Add lines 17 through 25	244,217,633	26	240,241,105
Net Assets or Fund Balances	27 Organizations that follow SFAS 117 (ASC 958), check here <input checked="" type="checkbox"/> and complete lines 27 through 29, and lines 33 and 34. Unrestricted net assets	317,469,674	27	345,942,644
	28 Temporarily restricted net assets	1,801,200	28	1,575,200
	29 Permanently restricted net assets	191,400	29	191,400
	30 Organizations that do not follow SFAS 117 (ASC 958), check here <input type="checkbox"/> and complete lines 30 through 34. Capital stock or trust principal, or current funds		30	
	31 Paid-in or capital surplus, or land, building or equipment fund		31	
	32 Retained earnings, endowment, accumulated income, or other funds		32	
	33 Total net assets or fund balances	319,462,274	33	347,709,244
	34 Total liabilities and net assets/fund balances	563,679,907	34	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

	Yes	No
<p>1 Accounting method used to prepare the Form 990 <input type="checkbox"/> Cash <input checked="" type="checkbox"/> Accrual <input type="checkbox"/> Other _____ If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule O</p>		
<p>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</p> <p style="margin-left: 20px;"><input type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis</p>	2a	No
<p>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</p> <p style="margin-left: 20px;"><input type="checkbox"/> Separate basis <input checked="" type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis</p>	2b	Yes
<p>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</p>	2c	Yes
<p>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?</p>	3a	No
<p>b If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why in Schedule O and describe any steps taken to undergo such audits</p>	3b	

Additional Data

Software ID: 16000425

Software Version: v1.00

EIN: 13-1656633

Name: INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
INC

Form 990 (2016)

Form 990, Part III, Line 4a:

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.

Form 990, Part III, Line 4b:

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.

Form 990, Part III, Line 4c:

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 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

Form 990, Part VII - Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors										
(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W- 2/1099-MISC)	(E) Reportable compensation from related organizations (W- 2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
Barry L Shoop IEEE President and CEO	10 0	X		X				164,972	0	0
Karen Bartleson IEEE President-Elect	10 0	X		X				0	0	0
Howard E Michel IEEE Past President	10 0	X		X				0	0	0
Parviz Famouri Director & Secretary	10 0	X		X				0	0	0
Jerry Hudgins Director & Treasurer	10 0	X		X				0	0	0
SK Ramesh Director & Vice President, Educational Activities	10 0	X		X				0	0	0
Sheila Hemami Director & Vice President, Publication Services and Products	10 0	X		X				0	0	0
Wai-Choong Wong Director & Vice President, Member and Geographic Activities	10 0	X		X				0	0	0
Bruce P Kraemer Director & President, Standards Association	10 0	X		X				0	0	0
Jose MF Moura Director & Vice President, Technical Activities	10 0	X		X				0	0	0

Form 990, Part VII - Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors										
(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W- 2/1099-MISC)	(E) Reportable compensation from related organizations (W- 2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
Peter Alan Eckstein Director & President IEEE-USA	10 0	X		X				0	0	0
Ronald A Tabroff Director & Delegate, Region 1	5 0	X						0	0	0
Timothy P Kurzweg Director & Delegate, Region 2	5 0	X						0	0	0
James M Conrad Director & Delegate, Region 3	5 0	X						0	0	0
Robert C Parro Director & Delegate, Region 4	5 0	X						0	0	0
Francis B Grosz Jr Director & Delegate, Region 5	5 0	X						0	0	0
Thomas Coughlin Director & Delegate, Region 6	5 0	X						0	0	0
Witold M Kinsner Director & Delegate, Region 7	5 0	X						0	0	0
Costas M Stasopoulos Director & Delegate, Region 8	5 0	X						0	0	0
Antonio C Ferreira Director & Delegate, Region 9	5 0	X						0	0	0

Form 990, Part VII - Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors										(D)	(E)	(F)
(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)						Reportable compensation from the organization (W- 2/1099-MISC)	Reportable compensation from related organizations (W- 2/1099-MISC)	Estimated amount of other compensation from the organization and related organizations		
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former					
Ramakrishna Kappagantu Director & Delegate, Region 10	5 0	X						0	0	0		
Maciej Ogorzalek Director & Delegate, Division I	5 0	X						0	0	0		
Hirofumi Akagi Director & Delegate, Division II	5 0	X						0	0	0		
Celia L Desmond Director & Delegate, Division III	5 0	X						0	0	0		
William W Moses Director & Delegate, Division IV	5 0	X						0	0	0		
Harold Javid Director & Delegate, Division V	5 0	X						0	0	0		
Rob Reilly Director & Delegate, Division VI	5 0	X						0	0	0		
Alan C Rotz Director & Delegate, Division VII	5 0	X						0	0	0		
John W Walz Director & Delegate, Division VIII	5 0	X						0	0	0		
Ray Liu Director & Delegate, Division IX	5 0	X						0	0	0		

Form 990, Part VII - Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors										
(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W- 2/1099-MISC)	(E) Reportable compensation from related organizations (W- 2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
Kazuhiro Kosuge Director & Delegate, Division X	5 0	X						0	0	0
E James Prendergast Asst Secretary & Exec Dir	40 0			X				891,606	0	224,722
Thomas R Siegert Asst Treas, Staff Exec & CFO	40 1			X				480,692	0	43,862
Mary Ward-Callan Mging Director - Technical Activities	40 0				X			474,791	0	44,707
Michael B Forster Managing Dir - Publications	40 0				X			364,562	0	27,223
Donna Hourican Staff Executive Corp Activities	40 0				X			343,039	0	35,000
Karen L Hawkins Chief Marketing Officer	40 0				X			307,791	0	45,424
Cherif Amirat Chief Information Officer	40 0				X			371,080	0	37,619
Eileen M Lach General Counsel & CCO	40 0					X		595,656	0	39,410
Jonathan Dahl Lead Director Prof Education & Svcs	40 0					X		453,757	0	46,608

Form 990, Part VII - Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W- 2/1099-MISC)	(E) Reportable compensation from related organizations (W- 2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
Francis Staples Sr Dir - Global Sales & Customer Ops	40 0					X		466,008	0	37,618
Jean Jennings Director - International Sales	40 0					X		498,961	0	38,871
Konstantinos Karachalios Managing Dir - IEEE Standards	40 0					X		444,370	0	35,000

SCHEDULE A
(Form 990 or 990-EZ)

Public Charity Status and Public Support

OMB No 1545-0047

2016

Open to Public Inspection

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.

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

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

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

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

Part II Support Schedule for Organizations Described in Sections 170(b)(1)(A)(iv) and 170(b)(1)(A)(vi)
 (Complete only if you checked the box on line 5, 7, 8, or 9 of Part I or if the organization failed to qualify under Part III. If the organization fails to qualify under the tests listed below, please complete Part III.)

Section A. Public Support

Calendar year (or fiscal year beginning in) ▶	(a)2012	(b)2013	(c)2014	(d)2015	(e)2016	(f)Total
1 Gifts, grants, contributions, and membership fees received (Do not include any "unusual grant")						
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 for 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	96.208 %
16 Public support percentage from 2015 Schedule A, Part III, line 15	16	96.549 %

Section D. Computation of Investment Income Percentage

17 Investment income percentage for 2016 (line 10c, column (f) divided by line 13, column (f))	17	3.792 %
18 Investment income percentage from 2015 Schedule A, Part III, line 17	18	3.451 %
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 on line 12 of Part I. If you checked 12a of Part I, complete Sections A and B. If you checked 12b of Part I, complete Sections A and C. If you checked 12c of Part I, complete Sections A, D, and E. If you checked 12d of Part I, complete Sections A and D, and complete Part V.)

Section A. All Supporting Organizations

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

Part IV Supporting Organizations (continued)

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

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? <i>If "No," describe in Part VI how the supported organization(s) effectively operated, supervised, or controlled the organization's activities. If the organization had more than one supported organization, describe how the powers to appoint and/or remove directors or trustees were allocated among the supported organizations and what conditions or restrictions, if any, applied to such powers during the tax year.</i>		
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? <i>If "Yes," explain in Part VI how providing such benefit carried out the purposes of the supported organization(s) that operated, supervised or controlled the supporting organization.</i>		

Section C. Type II Supporting Organizations

		Yes	No
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)? <i>If "No," describe in Part VI how control or management of the supporting organization was vested in the same persons that controlled or managed the supported organization(s).</i>		

Section D. All Type III Supporting Organizations

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

Section E. Type III Functionally-Integrated Supporting Organizations

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? <i>If "Yes," then in Part VI identify those supported organizations and explain how these activities directly furthered their exempt purposes, how the organization was responsive to those supported organizations, and how the organization determined that these activities constituted substantially all of its activities.</i>		
b	Did the activities described in (a) constitute activities that, but for the organization's involvement, one or more of the organization's supported organization(s) would have been engaged in? <i>If "Yes," explain in Part VI the reasons for the organization's position that its supported organization(s) would have engaged in these activities but for the organization's involvement.</i>		
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? <i>Provide details in Part VI.</i>		
b	Did the organization exercise a substantial degree of direction over the policies, programs and activities of each of its supported organizations? <i>If "Yes," describe in Part VI the role played by the organization in this regard.</i>		

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

- 1** Check here if the organization satisfied the Integral Part Test as a qualifying trust on Nov. 20, 1970. **See instructions.** All other Type III non-functionally integrated supporting organizations must complete Sections A through E.

Section A - Adjusted Net Income

	(A) Prior Year	(B) Current Year (optional)
1 Net short-term capital gain	1	
2 Recoveries of prior-year distributions	2	
3 Other gross income (see instructions)	3	
4 Add lines 1 through 3	4	
5 Depreciation and depletion	5	
6 Portion of operating expenses paid or incurred for production or collection of gross income or for management, conservation, or maintenance of property held for production of income (see instructions)	6	
7 Other expenses (see instructions)	7	
8 Adjusted Net Income (subtract lines 5, 6 and 7 from line 4)	8	

Section B - Minimum Asset Amount

	(A) Prior Year	(B) Current Year (optional)
1 Aggregate fair market value of all non-exempt-use assets (see instructions for short tax year or assets held for part of year)	1	
a Average monthly value of securities	1a	
b Average monthly cash balances	1b	
c Fair market value of other non-exempt-use assets	1c	
d Total (add lines 1a, 1b, and 1c)	1d	
e Discount claimed for blockage or other factors (explain in detail in Part VI)		
2 Acquisition indebtedness applicable to non-exempt use assets	2	
3 Subtract line 2 from line 1d	3	
4 Cash deemed held for exempt use. Enter 1-1/2% of line 3 (for greater amount, see instructions)	4	
5 Net value of non-exempt-use assets (subtract line 4 from line 3)	5	
6 Multiply line 5 by .035	6	
7 Recoveries of prior-year distributions	7	
8 Minimum Asset Amount (add line 7 to line 6)	8	

Section C - Distributable Amount

		Current Year
1 Adjusted net income for prior year (from Section A, line 8, Column A)	1	
2 Enter 85% of line 1	2	
3 Minimum asset amount for prior year (from Section B, line 8, Column A)	3	
4 Enter greater of line 2 or line 3	4	
5 Income tax imposed in prior year	5	
6 Distributable Amount. Subtract line 5 from line 4, unless subject to emergency temporary reduction (see instructions)	6	
7 <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	Current Year
1 Amounts paid to supported organizations to accomplish exempt purposes	
2 Amounts paid to perform activity that directly furthers exempt purposes of supported organizations, in excess of income from activity	
3 Administrative expenses paid to accomplish exempt purposes of supported organizations	
4 Amounts paid to acquire exempt-use assets	
5 Qualified set-aside amounts (prior IRS approval required)	
6 Other distributions (describe in Part VI) See instructions	
7 Total annual distributions. Add lines 1 through 6	
8 Distributions to attentive supported organizations to which the organization is responsive (provide details in Part VI) See instructions	
9 Distributable amount for 2016 from Section C, line 6	
10 Line 8 amount divided by Line 9 amount	

Section E - Distribution Allocations (see instructions)	(i) Excess Distributions	(ii) Underdistributions Pre-2016	(iii) Distributable Amount for 2016
1 Distributable amount for 2016 from Section C, line 6			
2 Underdistributions, if any, for years prior to 2016 (reasonable cause required--see instructions)			
3 Excess distributions carryover, if any, to 2016			
a			
b			
c From 2013.			
d From 2014.			
e From 2015.			
f Total of lines 3a through e			
g Applied to underdistributions of prior years			
h Applied to 2016 distributable amount			
i Carryover from 2011 not applied (see instructions)			
j Remainder Subtract lines 3g, 3h, and 3i from 3f			
4 Distributions for 2016 from Section D, line 7			
a Applied to underdistributions of prior years			
b Applied to 2016 distributable amount			
c Remainder Subtract lines 4a and 4b from 4			
5 Remaining underdistributions for years prior to 2016, if any Subtract lines 3g and 4a from line 2 (if amount greater than zero, see instructions)			
6 Remaining underdistributions for 2016 Subtract lines 3h and 4b from line 1 (if amount greater than zero, see instructions)			
7 Excess distributions carryover to 2017. Add lines 3j and 4c			
8 Breakdown of line 7			
a			
b Excess from 2013.			
c Excess from 2014.			
d Excess from 2015.			
e Excess from 2016.			

Part VI Supplemental Information.

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

Facts And Circumstances Test

SCHEDULE C
(Form 990 or 990-EZ)

Political Campaign and Lobbying Activities

OMB No 1545-0047

2016

Open to Public Inspection

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.

Department of the Treasury
Internal Revenue Service

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

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

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

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

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

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

Name of the organization 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
- 2 Political expenditures ▶ \$ _____
- 3 Volunteer hours _____

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

- 1 Enter the amount of any excise tax incurred by the organization under section 4955 ▶ \$ _____
- 2 Enter the amount of any excise tax incurred by organization managers under section 4955 ▶ \$ _____
- 3 If the organization incurred a section 4955 tax, did it file Form 4720 for this year? 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-
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"> <thead> <tr> <th>If the amount on line 1e, column (a) or (b) is:</th> <th>The lobbying nontaxable amount is:</th> </tr> </thead> <tbody> <tr> <td>Not over \$500,000</td> <td>20% of the amount on line 1e</td> </tr> <tr> <td>Over \$500,000 but not over \$1,000,000</td> <td>\$100,000 plus 15% of the excess over \$500,000</td> </tr> <tr> <td>Over \$1,000,000 but not over \$1,500,000</td> <td>\$175,000 plus 10% of the excess over \$1,000,000</td> </tr> <tr> <td>Over \$1,500,000 but not over \$17,000,000</td> <td>\$225,000 plus 5% of the excess over \$1,500,000</td> </tr> <tr> <td>Over \$17,000,000</td> <td>\$1,000,000</td> </tr> </tbody> </table>			If the amount on line 1e, column (a) or (b) is:	The lobbying nontaxable amount is:	Not over \$500,000	20% of the amount on line 1e	Over \$500,000 but not over \$1,000,000	\$100,000 plus 15% of the excess over \$500,000	Over \$1,000,000 but not over \$1,500,000	\$175,000 plus 10% of the excess over \$1,000,000	Over \$1,500,000 but not over \$17,000,000	\$225,000 plus 5% of the excess over \$1,500,000	Over \$17,000,000	\$1,000,000
If the amount on line 1e, column (a) or (b) is:	The lobbying nontaxable amount is:													
Not over \$500,000	20% of the amount on line 1e													
Over \$500,000 but not over \$1,000,000	\$100,000 plus 15% of the excess over \$500,000													
Over \$1,000,000 but not over \$1,500,000	\$175,000 plus 10% of the excess over \$1,000,000													
Over \$1,500,000 but not over \$17,000,000	\$225,000 plus 5% of the excess over \$1,500,000													
Over \$17,000,000	\$1,000,000													
g Grassroots nontaxable amount (enter 25% of line 1f)	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

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

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

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

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

1 Dues, assessments and similar amounts from members	1	
2 Section 162(e) nondeductible lobbying and political expenditures (do not include amounts of political expenses for which the section 527(f) tax was paid).	2a	
a Current year	2b	
b Carryover from last year	2c	
c Total	3	
3 Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues	4	
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	
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

Return Reference	Explanation
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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.

	(a) Donor advised funds	(b) Funds and other accounts
1 Total number at end of year		
2 Aggregate value of contributions to (during year)		
3 Aggregate value of grants from (during year)		
4 Aggregate value at end of year		
5 Did the organization inform all donors and donor advisors in writing that the assets held in donor advised funds are the organization's property, subject to the organization's exclusive legal control?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
6 Did the organization inform all grantees, donors, and donor advisors in writing that grant funds can be used only for charitable purposes and not for the benefit of the donor or donor advisor, or for any other purpose conferring impermissible private benefit?	<input type="checkbox"/> Yes <input type="checkbox"/> No	

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

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

Preservation of land for public use (e g , recreation or education) Preservation of an historically important land area

Protection of natural habitat Preservation of a certified historic structure

Preservation of open space

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

	Held at the End of the Year
a Total number of conservation easements	2a
b Total acreage restricted by conservation easements	2b
c Number of conservation easements on a certified historic structure included in (a)	2c
d Number of conservation easements included in (c) acquired after 8/17/06, and not on a historic structure listed in the National Register	2d

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

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

5 Does the organization have a written policy regarding the periodic monitoring, inspection, handling of violations, and enforcement of the conservation easements it holds? Yes No

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

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

8 Does each conservation easement reported on line 2(d) above satisfy the requirements of section 170(h)(4)(B)(i) and section 170(h)(4)(B)(ii)? Yes No

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

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

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

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

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

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

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

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

b Assets included in Form 990, Part X ▶ \$ _____

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 | |
| d Additions during the year | |
| e Distributions during the year | |
| f Ending balance | |
- 2a** Did the organization include an amount on Form 990, Part X, line 21, for escrow or custodial account liability? Yes No
- b** If "Yes," explain the arrangement in Part XIII Check here if the explanation has been provided in Part XIII

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

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

- 2** Provide the estimated percentage of the current year end balance (line 1g, column (a)) held as
- a** Board designated or quasi-endowment ▶
 - b** Permanent endowment ▶
 - c** Temporarily restricted endowment ▶
- The percentages on lines 2a, 2b, and 2c should equal 100%
- 3a** Are there endowment funds not in the possession of the organization that are held and administered for the organization by
- | | | |
|--|------------|-----------|
| (i) unrelated organizations | Yes | No |
| (ii) related organizations | | |
- b** If "Yes" on 3a(ii), are the related organizations listed as required on Schedule R?
- 3b**

	Yes	No
3a(i)		
3a(ii)		
3b		
- 4** Describe in Part XIII the intended uses of the organization's endowment funds

Part VI Land, Buildings, and Equipment.

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

Description of property	(a) Cost or other basis (investment)	(b) Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1a Land	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 10(c)) . . . ▶				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
Deposits - IEEE Foundation	40,414,831
Obligations under capital leases	234,249
(3)	
(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.

1	Total revenue, gains, and other support per audited financial statements		1	507,752,142
2	Amounts included on line 1 but not on Form 990, Part VIII, line 12			
a	Net unrealized gains (losses) on investments	2a	7,506,245	
b	Donated services and use of facilities	2b	0	
c	Recoveries of prior year grants	2c	0	
d	Other (Describe in Part XIII)	2d	17,595,581	
e	Add lines 2a through 2d			2e 25,101,826
3	Subtract line 2e from line 1			3 482,650,316
4	Amounts included on Form 990, Part VIII, line 12, but not on line 1			
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a	0	
b	Other (Describe in Part XIII)	4b	0	
c	Add lines 4a and 4b			4c 0
5	Total revenue Add lines 3 and 4c . (This must equal Form 990, Part I, line 12)			5 482,650,316

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.

1	Total expenses and losses per audited financial statements		1	485,155,129
2	Amounts included on line 1 but not on Form 990, Part IX, line 25			
a	Donated services and use of facilities	2a	0	
b	Prior year adjustments	2b	0	
c	Other losses	2c	0	
d	Other (Describe in Part XIII)	2d	23,245,538	
e	Add lines 2a through 2d			2e 23,245,538
3	Subtract line 2e from line 1			3 461,909,591
4	Amounts included on Form 990, Part IX, line 25, but not on line 1 :			
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a	0	
b	Other (Describe in Part XIII)	4b	0	
c	Add lines 4a and 4b			4c 0
5	Total expenses Add lines 3 and 4c . (This must equal Form 990, Part I, line 18)			5 461,909,591

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.

Return Reference	Explanation
See Additional Data Table	

Part XIII Supplemental Information *(continued)*

Return Reference	Explanation

Additional Data

Software ID: 16000425
Software Version: v1.00
EIN: 13-1656633
Name: INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
INC

Supplemental Information

Return Reference	Explanation
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.

Supplemental Information

Return Reference	Explanation
Schedule D, Part XI, Line 2d	Eliminations

Supplemental Information

Return Reference	Explanation
Schedule D, Part XII, Line 2d	Eliminations

**SCHEDULE F
(Form 990)**

Department of the Treasury
Internal Revenue Service

Statement of Activities Outside the United States

▶ Complete if the organization answered "Yes" to Form 990,
Part IV, line 14b, 15, or 16.
▶ Attach to Form 990. ▶ See separate instructions.
▶ Information about Schedule F (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 **General Information on Activities Outside the United States.** Complete if the organization answered "Yes" to Form 990, Part IV, line 14b.

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

(a) Region	(b) Number of offices in the region	(c) Number of employees, agents, and independent contractors in region	(d) Activities conducted in region (by type) (e g , fundraising, program services, investments, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for and investments in region
See Add'l Data					
3a Sub-total					
b Total from continuation sheets to Part I					
c Totals (add lines 3a and 3b)	3	4			46,575,261

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)* 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)* 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).

Return Reference	Explanation
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.

Additional Data

Software ID: 16000425

Software Version: v1.00

EIN: 13-1656633

Name: INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
INC

Form 990 Schedule F Part I - Activities Outside The United States

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i e , fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
Central America and the Caribbean	0	0	Program Services	Member & Public Imperatives	377,528
Central America and the Caribbean	0	0	Program Services	Conferences	234,538
Central America and the Caribbean	0	0	Program Services	Standards and Others	121,596

Form 990 Schedule F Part I - Activities Outside The United States

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
Central America and the Caribbean	0	0	Grantmaking		16,597
East Asia and the Pacific	0	0	Program Services	Member & Public Imperatives	914,788
East Asia and the Pacific	0	0	Program Services	Periodicals	13,542

Form 990 Schedule F Part I - Activities Outside The United States

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
East Asia and the Pacific	0	0	Program Services	Conferences	12,875,430
East Asia and the Pacific	2	3	Program Services	Standards and Others	1,068,905
East Asia and the Pacific	0	0	Grantmaking		315,954

Form 990 Schedule F Part I - Activities Outside The United States

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
Europe (including Iceland and Greenland)	0	0	Program Services	Member & Public Imperatives	360,737
Europe (including Iceland and Greenland)	0	0	Program Services	Periodicals	9,019
Europe (including Iceland and Greenland)	0	0	Program Services	Conferences	14,051,850

Form 990 Schedule F Part I - Activities Outside The United States

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
Europe (including Iceland and Greenland)	0	0	Program Services	Standards and Others	396,612
Europe (including Iceland and Greenland)	0	0	Grantmaking		554,054
Middle East and North Africa	0	0	Program Services	Member & Public Imperatives	82,470

Form 990 Schedule F Part I - Activities Outside The United States

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
Middle East and North Africa	0	0	Program Services	Periodicals	2,506
Middle East and North Africa	0	0	Program Services	Conferences	912,478
Middle East and North Africa	0	0	Program Services	Standards and Others	51,786

Form 990 Schedule F Part I - Activities Outside The United States

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
Middle East and North Africa	0	0	Grantmaking		79,423
North America (including Canada and Mexico, but not the United States)	0	0	Program Services	Member & Public Imperatives	511,226
North America (including Canada and Mexico, but not the United States)	0	0	Program Services	Periodicals	33,705

Form 990 Schedule F Part I - Activities Outside The United States

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
North America (including Canada and Mexico, but not the United States)	0	0	Program Services	Conferences	5,191,422
North America (including Canada and Mexico, but not the United States)	0	0	Program Services	Standards and Others	488,900
North America (including Canada and Mexico, but not the United States)	0	0	Grantmaking		122,826

Form 990 Schedule F Part I - Activities Outside The United States

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
Russia and the newly independent States	0	0	Program Services	Member & Public Imperatives	43,302
Russia and the newly independent States	0	0	Program Services	Periodicals	2,400
Russia and the newly independent States	0	0	Program Services	Conferences	8,525

Form 990 Schedule F Part I - Activities Outside The United States

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
Russia and the newly independent States	1	1	Program Services	Standards and Others	14,393
Russia and the newly independent States	0	0	Grantmaking		2,599
South America	0	0	Program Services	Member & Public Imperatives	414,081

Form 990 Schedule F Part I - Activities Outside The United States

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
South America	0	0	Program Services	Periodicals	111
South America	0	0	Program Services	Conferences	1,081,439
South America	0	0	Program Services	Standards and Others	4,955,724

Form 990 Schedule F Part I - Activities Outside The United States

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
South America	0	0	Grantmaking		27,609
South Asia	0	0	Program Services	Member & Public Imperatives	331,594
South Asia	0	0	Program Services	Periodicals	2,186

Form 990 Schedule F Part I - Activities Outside The United States

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
South Asia	0	0	Program Services	Conferences	382,135
South Asia	0	0	Program Services	Standards and Others	202,516
South Asia	0	0	Grantmaking		169,055

Form 990 Schedule F Part I - Activities Outside The United States

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
Sub-Saharan Africa	0	0	Program Services	Member & Public Imperatives	15,251
Sub-Saharan Africa	0	0	Program Services	Conferences	104,867
Sub-Saharan Africa	0	0	Program Services	Standards and Others	25,515

Form 990 Schedule F Part I - Activities Outside The United States

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
Sub-Saharan Africa	0	0	Grantmaking		4,067

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(a) Name of organization	(b) IRS code section and EIN(if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		Europe (including Iceland and Greenland)	Engineering Development	8,000	Wire Transfer	0	Not Applicable	Not Applicable
		Central America and the Caribbean	Engineering Development	15,000	Wire Transfer	0	Not Applicable	Not Applicable

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(a) Name of organization	(b) IRS code section and EIN(if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		South Asia	Engineering Development	56,235	Wire Transfer	0	Not Applicable	Not Applicable
		Europe (including Iceland and Greenland)	Engineering Development	16,500	Wire Transfer	0	Not Applicable	Not Applicable

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(a) Name of organization	(b) IRS code section and EIN(if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		South Asia	Engineering Development	5,051	Wire Transfer	0	Not Applicable	Not Applicable
		Europe (including Iceland and Greenland)	Engineering Development	5,572	Wire Transfer	0	Not Applicable	Not Applicable

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(a) Name of organization	(b) IRS code section and EIN(if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		Europe (including Iceland and Greenland)	Engineering Development	9,860	Wire Transfer	0	Not Applicable	Not Applicable
		Europe (including Iceland and Greenland)	Engineering Development	10,368	Wire Transfer	0	Not Applicable	Not Applicable

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(a) Name of organization	(b) IRS code section and EIN(if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		East Asia and the Pacific	Engineering Development	40,000	Wire Transfer	0	Not Applicable	Not Applicable
		Middle East and North Africa	Engineering Achievement Award	15,000	Check	0	Not Applicable	Not Applicable

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(a) Name of organization	(b) IRS code section and EIN(if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		East Asia and the Pacific	Engineering Achievement Award	15,000	Wire Transfer	0	Not Applicable	Not Applicable
		Europe (including Iceland and Greenland)	Engineering Development	7,600	Wire Transfer	0	Not Applicable	Not Applicable

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(a) Name of organization	(b) IRS code section and EIN(if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		Europe (including Iceland and Greenland)	Engineering Development	40,000	Wire Transfer	0	Not Applicable	Not Applicable
		Europe (including Iceland and Greenland)	Engineering Development	5,019	Wire Transfer	0	Not Applicable	Not Applicable

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(a) Name of organization	(b) IRS code section and EIN(if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		Middle East and North Africa	Engineering Development	40,000	Wire Transfer	0	Not Applicable	Not Applicable
		Europe (including Iceland and Greenland)	Engineering Development	13,000	Wire Transfer	0	Not Applicable	Not Applicable

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(a) Name of organization	(b) IRS code section and EIN(if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		South America	Engineering Development	10,000	Check	0	Not Applicable	Not Applicable
		Europe (including Iceland and Greenland)	Engineering Development	14,840	Wire Transfer	0	Not Applicable	Not Applicable

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(a) Name of organization	(b) IRS code section and EIN(if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		Europe (including Iceland and Greenland)	Engineering Development	13,800	Wire Transfer	0	Not Applicable	Not Applicable
		Europe (including Iceland and Greenland)	Engineering Achievement Award	33,044	Wire Transfer	0	Not Applicable	Not Applicable

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(a) Name of organization	(b) IRS code section and EIN(if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		Europe (including Iceland and Greenland)	Engineering Development	5,500	Wire Transfer	0	Not Applicable	Not Applicable
		Europe (including Iceland and Greenland)	Engineering Development	10,000	Wire Transfer	0	Not Applicable	Not Applicable

Form 990 Schedule F Part II - Grants or Entities Outside The United States

(a) Name of organization	(b) IRS code section and EIN(if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		East Asia and the Pacific	Engineering Fellowship	15,000	Wire Transfer	0	Not Applicable	Not Applicable

Form 990 Schedule F Part III - Grants and Assistance to Individuals Outside The U S

(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 non-cash assistance	(g) Description of non-cash assistance	(h) Method of valuation (book, FMV, appraisal, other)
Engineering Achievement Award	Central America and the Caribbean	1	1,500	Checks, Wire Transfers	0	Not Applicable	Not Applicable
Engineering Achievement Award	East Asia and the Pacific	203	113,947	Checks, Wire Transfers	0	Not Applicable	Not Applicable

Form 990 Schedule F Part III - Grants and Assistance to Individuals Outside The U S

(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 non-cash assistance	(g) Description of non-cash assistance	(h) Method of valuation (book, FMV, appraisal, other)
Engineering Achievement Award	Europe (including Iceland and Greenland)	209	199,377	Checks, Wire Transfers	0	Not Applicable	Not Applicable
Engineering Achievement Award	Middle East and North Africa	16	12,800	Checks, Wire Transfers	0	Not Applicable	Not Applicable

Form 990 Schedule F Part III - Grants and Assistance to Individuals Outside The U S

(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 non-cash assistance	(g) Description of non-cash assistance	(h) Method of valuation (book, FMV, appraisal, other)
Engineering Achievement Award	Russia and the newly independent States	6	2,400	Checks, Wire Transfers	0	Not Applicable	Not Applicable
Engineering Achievement Award	South America	5	3,334	Checks, Wire Transfers	0	Not Applicable	Not Applicable

Form 990 Schedule F Part III - Grants and Assistance to Individuals Outside The U S

(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 non-cash assistance	(g) Description of non-cash assistance	(h) Method of valuation (book, FMV, appraisal, other)
Engineering Achievement Award	South Asia	36	12,600	Wire Transfers	0	Not Applicable	Not Applicable
Engineering Development	East Asia and the Pacific	35	22,955	Checks, Wire Transfers	0	Not Applicable	Not Applicable

Form 990 Schedule F Part III - Grants and Assistance to Individuals Outside The U S

(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 non-cash assistance	(g) Description of non-cash assistance	(h) Method of valuation (book, FMV, appraisal, other)
Engineering Achievement Award	North America (including Canada and Mexico, but not the United States)	47	36,349	Wire Transfers	0	Not Applicable	Not Applicable
Engineering Achievement Award	Sub-Saharan Africa	6	2,067	Checks, Wire Transfers	0	Not Applicable	Not Applicable

Form 990 Schedule F Part III - Grants and Assistance to Individuals Outside The U S

(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 non-cash assistance	(g) Description of non-cash assistance	(h) Method of valuation (book, FMV, appraisal, other)
Engineering Development	Europe (including Iceland and Greenland)	17	33,869	Checks, Wire Transfers	0	Not Applicable	Not Applicable
Engineering Development	Middle East and North Africa	2	2,500	Wire Transfers	0	Not Applicable	Not Applicable

Form 990 Schedule F Part III - Grants and Assistance to Individuals Outside The U S

(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 non-cash assistance	(g) Description of non-cash assistance	(h) Method of valuation (book, FMV, appraisal, other)
Engineering Development	North America (including Canada and Mexico, but not the United States)	7	12,900	Checks, Wire Transfers	0	Not Applicable	Not Applicable
Engineering Development	Sub-Saharan Africa	1	1,000	Wire Transfers	0	Not Applicable	Not Applicable

Form 990 Schedule F Part III - Grants and Assistance to Individuals Outside The U S

(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 non-cash assistance	(g) Description of non-cash assistance	(h) Method of valuation (book, FMV, appraisal, other)
Engineering Development	South America	2	3,000	Checks, Wire Transfers	0	Not Applicable	Not Applicable
Engineering Fellowship	Europe (including Iceland and Greenland)	6	23,000	Checks, Wire Transfers	0	Not Applicable	Not Applicable

Form 990 Schedule F Part III - Grants and Assistance to Individuals Outside The U S

(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 non-cash assistance	(g) Description of non-cash assistance	(h) Method of valuation (book, FMV, appraisal, other)
Engineering Development	South Asia	3	6,630	Wire Transfers	0	Not Applicable	Not Applicable
Engineering Fellowship	East Asia and the Pacific	3	7,780	Checks, Wire Transfers	0	Not Applicable	Not Applicable

Form 990 Schedule F Part III - Grants and Assistance to Individuals Outside The U S

(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 non-cash assistance	(g) Description of non-cash assistance	(h) Method of valuation (book, FMV, appraisal, other)
Engineering Scholarship	East Asia and the Pacific	6	39,000	Wire Transfers	0	Not Applicable	Not Applicable
Engineering Scholarship	Europe (including Iceland and Greenland)	7	21,000	Wire Transfers	0	Not Applicable	Not Applicable

Form 990 Schedule F Part III - Grants and Assistance to Individuals Outside The U S

(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 non-cash assistance	(g) Description of non-cash assistance	(h) Method of valuation (book, FMV, appraisal, other)
Engineering Scholarship	Middle East and North Africa	1	1,000	Wire Transfers	0	Not Applicable	Not Applicable
Engineering Scholarship	North America (including Canada and Mexico, but not the United States)	4	16,500	Wire Transfers	0	Not Applicable	Not Applicable

Form 990 Schedule F Part III - Grants and Assistance to Individuals Outside The U S

(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 non-cash assistance	(g) Description of non-cash assistance	(h) Method of valuation (book, FMV, appraisal, other)
Engineering Scholarship	South America	1	1,000	Wire Transfers	0	Not Applicable	Not Applicable
Engineering Scholarship	South Asia	32	32,300	Wire Transfers	0	Not Applicable	Not Applicable

Form 990 Schedule F Part III - Grants and Assistance to Individuals Outside The U S							
(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 non-cash assistance	(g) Description of non-cash assistance	(h) Method of valuation (book, FMV, appraisal, other)
Engineering Scholarship	Sub-Saharan Africa	1	1,000	Wire Transfers	0	Not Applicable	Not Applicable

**Schedule I
(Form 990)**

Department of the
Treasury
Internal Revenue Service

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

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.

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

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.

(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 non-cash assistance	(h) Purpose of grant or assistance
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See Additional Data Table

(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

Part III Grants and Other Assistance to Domestic Individuals. Complete if the organization answered "Yes" on Form 990, Part IV, line 22
Part III can be duplicated if additional space is needed

(a) Type of grant or assistance	(b) Number of recipients	(c) Amount of cash grant	(d) Amount of non-cash assistance	(e) Method of valuation (book, FMV, appraisal, other)	(f) Description of non-cash assistance
(1) Engineering Achievement Award	313	403,536	0	Not Applicable	Not Applicable
(2) Engineering Development	18	86,329	0	Not Applicable	Not Applicable
(3) Engineering Fellowship	13	239,500	0	Not Applicable	Not Applicable
(4) Engineering Scholarship	7	12,200	0	Not Applicable	Not Applicable
(4)					
(5)					
(6)					
(7)					

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

Return Reference	Explanation
Schedule I, 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.

Additional Data

Software ID: 16000425
Software Version: v1.00
EIN: 13-1656633
Name: INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(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 non-cash assistance	(h) Purpose of grant or assistance
IEEE Foundation Inc 445 Hoes Lane Piscataway, NJ 08854	23-1710664	501(c)(3)	2,563,738	0	Not Applicable	Not Applicable	Engineering Development
AFCCE Scholarship Fund PO Box 19333 Washington, DC 200360333	52-1126368	501(c)(6)	40,000	0	Not Applicable	Not Applicable	Engineering Development

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(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 non-cash assistance	(h) Purpose of grant or assistance
Africa Development Promise 1031 33rd St STE 174 Denver, CO 80205	38-3909756	501(c)(3)	10,000	0	Not Applicable	Not Applicable	Engineering Development
Arizona State University Foundation for a New American University PO Box 2260 Tempe, AZ 852602260	86-6051042	501(c)(3)	22,300	0	Not Applicable	Not Applicable	Engineering Development

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(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 non-cash assistance	(h) Purpose of grant or assistance
Arizona State University c/o G HeydtEE PO Box 875706 Tempe, AZ 85259	86-0196696	501(c)(3)	10,000	0	Not Applicable	Not Applicable	Engineering Scholarship
California Polytechnic State University Foundation Attn Accounts Payable One Grand Ave Heron Hall San Luis Obispo, CA 93707	20-4927897	501(c)(3)	6,000	0	Not Applicable	Not Applicable	Engineering Scholarship

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(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 non-cash assistance	(h) Purpose of grant or assistance
Carnegie Mellon University 5000 Forbes Ave Pittsburgh, PA 15213	25-0969449	501(c)(3)	65,000	0	Not Applicable	Not Applicable	Engineering Fellowship
Clemson University Math Sciences Dept Martin Hall O-110 Attn Felice Manganiello Clemson, SC 29634	57-6000254	501(c)(3)	18,650	0	Not Applicable	Not Applicable	Engineering Development

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(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 non-cash assistance	(h) Purpose of grant or assistance
Corporation of Gonzaga University 502 E Boone Spokane, WA 992580026	91-0236600	501(c)(3)	7,000	0	Not Applicable	Not Applicable	Engineering Scholarship
Curators of the University of Missouri 325 Computer Science1870 Miner Cir Rolla, MO 654090350	43-6006859	501(c)(3)	34,800	0	Not Applicable	Not Applicable	Engineering Achievement Award

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(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 non-cash assistance	(h) Purpose of grant or assistance
Drexel University 3201 Arch St Suite 420 Philadelphia, PA 19104	23-1352630	501(c)(3)	18,000	0	Not Applicable	Not Applicable	Engineering Scholarship
Georgia Institute of Technology 225 North Avenue Atlanta, GA 30308	58-6002023	501(c)(3)	6,000	0	Not Applicable	Not Applicable	Engineering Scholarship

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(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 non-cash assistance	(h) Purpose of grant or assistance
Milburn Township Board of Education 434 Milburn Avenue Milburn, NJ 07041	22-6002084	501(c)(3)	11,800	0	Not Applicable	Not Applicable	Engineering Development
Regents of University of Colorado 1800 Grant Street Suite 600 Denver, CO 80203	84-6000555	501(c)(3)	87,500	0	Not Applicable	Not Applicable	Engineering Development

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.

(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 non-cash assistance	(h) Purpose of grant or assistance
Regis University 3333 Regis Boulevard Denver, CO 80221	84-0402707	501(c)(3)	83,333	0	Not Applicable	Not Applicable	Engineering Development
University of South Florida Dr Ranganathan Coll of Eng ENB 118 Nan Research Ctr 4202 E Fowler Ave Tampa, FL 33620	59-2959590	501(c)(3)	8,000	0	Not Applicable	Not Applicable	Engineering Scholarship

Form 990, Schedule I, Part II, Grants and Other Assistance to Domestic Organizations and Domestic Governments.							
(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 non-cash assistance	(h) Purpose of grant or assistance
University of Denver Dr David W Gao 2016 NAPS Conference 2155 W Wesley Ave Rm 279 Denver, CO 80208	84-0404231	501(c)(3)	15,000	0	Not Applicable	Not Applicable	Engineering Development

Schedule J
(Form 990)

Department of the
Treasury
Internal Revenue
Service

Compensation Information

OMB No 1545-0047

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.**

2015
**Open to Public
Inspection**

▶ **Information about Schedule J (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 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 type="checkbox"/> First-class or charter travel <input type="checkbox"/> Housing allowance or residence for personal use</p> <p><input type="checkbox"/> Travel for companions <input type="checkbox"/> Payments for business use of personal residence</p> <p><input type="checkbox"/> Tax idemnification and gross-up payments <input type="checkbox"/> Health or social club dues or initiation fees</p> <p><input type="checkbox"/> Discretionary spending account <input type="checkbox"/> Personal services (e.g., maid, chauffeur, chef)</p>		
<p>b If any of the boxes in line 1a are checked, did the organization follow a written policy regarding payment or reimbursement or provision of all of the expenses described above? If "No," complete Part III to explain.</p>	Yes	
<p>2 Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all directors, trustees, officers, including the CEO/Executive Director, regarding the items checked in line 1a?</p>	Yes	
<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 type="checkbox"/> Compensation committee <input type="checkbox"/> Written employment contract</p> <p><input type="checkbox"/> Independent compensation consultant <input type="checkbox"/> Compensation survey or study</p> <p><input type="checkbox"/> Form 990 of other organizations <input 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>		No
<p>b Participate in, or receive payment from, a supplemental nonqualified retirement plan?</p>	Yes	
<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>		No
<p>Only 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>	Yes	
<p>b Any related organization?</p> <p>If "Yes," on line 5a or 5b, describe in Part III.</p>		No
<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>		No
<p>b Any related organization?</p> <p>If "Yes," on line 6a or 6b, describe in Part III.</p>		No
<p>7 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization provide any non-fixed payments not described in lines 5 and 6? If "Yes," describe in Part III.</p>		No
<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>		No
<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 are not listed on Form 990, Part VII.

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

(A) Name and Title	(B) Breakdown of W-2 and/or 1099-MISC compensation			(C) Retirement and other deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation in column(B) reported as deferred on prior Form 990
	(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation				
See Additional Data Table							

Part III Supplemental Information

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

Return Reference	Explanation
See Additional Data	

Additional Data

Software ID: 16000425
Software Version: v1.00
EIN: 13-1656633
Name: INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC

Part III, Supplemental Information

Return Reference	Explanation
Schedule J, Part I, Line 1a	<p>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</p>

Part III, Supplemental Information

Return Reference	Explanation
Schedule J, Part I, Line 3	<p>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</p>

Part III, Supplemental Information

Return Reference	Explanation
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

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

Part III, Supplemental Information

Return Reference	Explanation
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

Form 990, Schedule J, Part II - Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees								
(A) Name and Title		(B) Breakdown of W-2 and/or 1099-MISC compensation			(C) Retirement and other deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation in column (B) reported as deferred on prior Form 990
		(i) Base Compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation				
1 Barry L Shoop IEEE President and CEO	(i)	0	0	164,972	0	0	164,972	0
	(ii)	0	0	0	0	-	-	0
1E 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
2 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
3 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
4 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
5 Donna Houncan Staff Executive Corp Activities	(i)	293,474	32,440	17,125	35,000	0	378,039	0
	(ii)	0	0	0	0	-	-	0
6 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
7 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
8 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
9 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
10 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
11 Jean Jennings Director - Intemational Sales	(i)	166,592	281,996	50,373	35,000	3,871	537,832	0
	(ii)	0	0	0	0	-	-	0
12 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

Schedule L
(Form 990 or 990-EZ)

Transactions with Interested Persons

OMB No 1545-0047

▶ **Complete if the organization answered "Yes" on Form 990, Part IV, lines 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.**

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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

2 Enter the amount of tax incurred by 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

(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

Total ▶ \$ _____

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

(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

Part IV Business Transactions Involving Interested Persons.

Complete if the organization answered "Yes" on Form 990, Part IV, line 28a, 28b, or 28c.

(a) Name of interested person	(b) Relationship between interested person and the organization	(c) Amount of transaction	(d) Description of transaction	(e) Sharing of organization's revenues?	
				Yes	No
(1) Thomas M Callan	Family Member of Key Employee Mary Ward-Callan	53,895	Employment		No
(2) Beth Surmont Expires Tax Year 2019	Family Member of Former Key Employee Elena Gerstmann	126,416	Employment		No

Part V Supplemental Information

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

Return Reference	Explanation

**SCHEDULE M
(Form 990)**

Noncash Contributions

OMB No 1545-0047
2016
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▶ **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**

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 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	X	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 is not required to be used for exempt purposes for the entire holding period?		No
b If "Yes," describe the arrangement in Part II		
31 Does the organization have a gift acceptance policy that requires the review of any non-standard contributions?		No
32a Does the organization hire or use third parties or related organizations to solicit, process, or sell noncash contributions?		No
b If "Yes," describe in Part II		
33 If the organization did not report an amount in column (c) for a type of property for which column (a) is checked, describe in Part II		

Part II Supplemental Information.

Provide the information required by Part I, lines 30b, 32b, and 33, and whether the organization is reporting in Part I, column (b), the number of contributions, the number of items received, or a combination of both. Also complete this part for any additional information.

Return Reference	Explanation
Schedule M, Part I, Line 33	Zero amount is reported in Schedule M, Part I, Line 22, Column C Zero amount is also reported on Form 990, Part VIII, Statement of Revenue, because IEEE did not capitalize its collections, as allowed under FASB Accounting Standards Codification - ASC 958

SCHEDULE O
(Form 990 or 990-EZ)Department of the Treasury
Internal Revenue Service

Name of the organization

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC

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.

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Employer identification number

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990 Schedule O, Supplemental Information

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

990 Schedule O, Supplemental Information

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

990 Schedule O, Supplemental Information

Return Reference	Explanation
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.

990 Schedule O, Supplemental Information

Return Reference	Explanation
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.

990 Schedule O, Supplemental Information

Return Reference	Explanation
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.

990 Schedule O, Supplemental Information

Return Reference	Explanation
Form 990, Part VI, Section B, Line 15	<p>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) NT EE 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 stand-alone 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</p>

990 Schedule O, Supplemental Information

Return Reference	Explanation
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

990 Schedule O, Supplemental Information

Return Reference	Explanation
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

**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) IEEE Broadcast Technology Convention LLC 445 Hoes Lane Piscataway, NJ 08854 13-1656633	Partner of a UK partnership operating a conference	DE	1,074,593	351,000	Institute of Electrical and Electronics Engineers Inc
(2) IEEE International LLC 445 Hoes Lane Piscataway, NJ 08854 45-0570011	Non-Profit activities - Scientific & Educational	DE	0	539,344	Institute of Electrical and Electronics Engineers Inc
(3) IEEE Global LLC 445 Hoes Lane Piscataway, NJ 08854 13-1656633	Scientific and Educational	DE	35	54,203	Institute of Electrical and Electronics Engineers Inc

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) IEEE Foundation Inc 445 Hoes Lane Piscataway, NJ 08854 23-7310664	Encourage technological development in engineering	NY	501(c)(3)	7	N/A		No
(2) IEEE Asia-Pacific Limited 1 Fusionopolis Walk 04-07 South Tower Solaris Singapore SN	Scientific & Educational	SN	501(c)(3)	10	N/A		No
(3) IEEE Worldwide Limited 445 Hoes Lane Piscataway, NJ 08854 46-3332937	Scientific & Educational	NY	501(c)(3)	10	Institute of Electrical and Electronics Engineers Inc		No
(4) Global IEEE Institute for Engineers India 26/1 5th Floor WTC Brigade Gateway DR Rajkumar Road Malleswaram West Bangalore 560 055 IN	Scientific & Educational	IN	501(c)(3)	10	N/A		No
(5) IEEE Technology Centre GmbH Heinestrasse 38 Vienna AU	Engage in research development and innovation in the field of engineering	AU	501(c)(3)	10	Institute of Electrical and Electronics Engineers Inc		No

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

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

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

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Direct controlling entity	(e) Type of entity (C corp, S corp, or trust)	(f) Share of total income	(g) Share of end-of-year assets	(h) Percentage ownership	(i) Section 512 (b)(13) controlled entity?	
								Yes	No
(1) IEEE Inc 445 Hoes Lane Piscataway, NJ 08854 20-8766830	Support services, 813000 Business Activity Code, Administrative, Marketing & Promotion	DE	Institute of Electrical and Electronics Engineers Inc	C	1,637,490	34,637,029	100 %	Yes	
(2) IEEE Europe GmbH c/o Fiducia-Intergest SA Rue Joseph-Girard Carouge 24-1227 SZ	Support services, 813000 Business Activity Code, Administrative, Marketing & Promotion	SZ	Institute of Electrical and Electronics Engineers Inc	C	10,466	1,971,950	100 %		No
(3) Institute of Electrical And Electronics Engineers (IEEE) Latin America SA co Posadas Posadas and Vecino Juncal 1305 Floor 21 Montevideo CP11000 UY	Support services, 813000 Business Activity Code, Administrative, Marketing and Promotion	UY	Institute of Electrical and Electronics Engineers Inc	C	0	2,329	100 %		No
(4) IEEE GlobalSpec Inc 201 Fuller Road Suite 202 Albany, NY 12203 14-1816368	Online advertising, website, and catalog engineering	NY	IEEE Inc	C	2,846,847	47,919,958	100 %	Yes	

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	1a Yes	
b Gift, grant, or capital contribution to related organization(s)	1b Yes	
c Gift, grant, or capital contribution from related organization(s)	1c Yes	
d Loans or loan guarantees to or for related organization(s)	1d Yes	
e Loans or loan guarantees by related organization(s)	1e	No
f Dividends from related organization(s)	1f	No
g Sale of assets to related organization(s)	1g	No
h Purchase of assets from related organization(s)	1h	No
i Exchange of assets with related organization(s)	1i	No
j Lease of facilities, equipment, or other assets to related organization(s)	1j	No
k Lease of facilities, equipment, or other assets from related organization(s)	1k Yes	
l Performance of services or membership or fundraising solicitations for related organization(s)	1l Yes	
m Performance of services or membership or fundraising solicitations by related organization(s)	1m	No
n Sharing of facilities, equipment, mailing lists, or other assets with related organization(s)	1n	No
o Sharing of paid employees with related organization(s)	1o	No
p Reimbursement paid to related organization(s) for expenses	1p	No
q Reimbursement paid by related organization(s) for expenses	1q	No
r Other transfer of cash or property to related organization(s)	1r	No
s Other transfer of cash or property from related organization(s)	1s	No

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

(a) Name of related organization	(b) Transaction type (a-s)	(c) Amount involved	(d) Method of determining amount involved
(1) IEEB Inc	a-i	853,003	Accrual
(2) IEEB GlobalSpec Inc	a-iii	932,479	Accrual
(3) IEEB Inc	d	36,156,291	Accrual

Part VII **Supplemental Information**

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

Return Reference**Explanation**