

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

For Paperwork Reduction Act Notice, see the separate instructions. Cat. No. 11282Y Form **990** (2019)

Part III Statement of Program Service AccomplishmentsCheck 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 \$	96,141,436	including grants of \$	3,835,572) (Revenue \$	53,631,244)
See Additional Data					

4b	(Code:) (Expenses \$	180,620,749	including grants of \$	0) (Revenue \$	207,899,247)
See Additional Data					

4c	(Code:) (Expenses \$	156,908,018	including grants of \$	280,766) (Revenue \$	208,079,687)
See Additional Data					














(Code:) (Expenses \$	36,061,627	including grants of \$	0) (Revenue \$	36,785,776)
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STANDARDS AND OTHER IEEE PROGRAMS: In 2019, 110 new standards were approved for publication out of over 1,100 active with 825 under development. IEEE Future Directions released two critical technology roadmaps in 2019 designed to help inform industry about how to overcome challenges and embrace opportunities. This includes integrating advanced technologies such as 5G and the Internet of Things into electronic devices and systems. IEEE also engaged in multiple efforts to ensure that Artificial Intelligence (AI) affects society in a positive way. Highlights include: 1) IEEE gathered with other global leaders to debate the challenges faced in today's AI-enabled world at the Tallinn Digital Summit (TDS, 2) IEEE Executive Director Steve Welby led the IEEE delegation and addressed the topic: How to Foster Public Trust in Intelligent Technologies and Systems. 3) the publication of Ethically Aligned Design, First Edition: A Vision for Prioritizing Human Well-being with Autonomous and Intelligent Systems (EAD), a comprehensive body of work that sets out high-level ethical principles, key issues and practical recommendations. EAD data was included in the U.S. Defense Innovation Board's recommendations to the U.S. Department of Defense on the ethical use of AI, 4) the release of AI: A Global Survey, an IEEE-USA research effort providing valuable insights into how 26 nations across the globe are using laws and regulations to encourage, promote, integrate and control emerging AI technologies. In addition, IEEE Future Directions provides IEEE volunteers and members with a forum to contribute fresh ideas to advance the latest technologies. Focus areas include: 1) Blockchain for Cryptocurrency and cybersecurity, 2) Brain for the brain/machine interaction, 3) DigitalReality for AI, machine learning, 4) Future Networks for 5G and beyond, 5) Quantum for advanced quantum technologies, and 6) Rebooting Computing for rethinking the computer and interfaces. As part of its diversity and inclusion efforts, IEEE adopted a new diversity statement to illustrate its dedication to maintaining a culture that is diverse, inclusive and respectful, welcoming all who make contributions in their technical field of interest.

4d	Other program services (Describe in Schedule O.)	(Expenses \$	36,061,627	including grants of \$	0) (Revenue \$	36,785,776)
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4e	Total program service expenses ▶	469,731,830
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Part IV Checklist of Required Schedules

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

Part IV Checklist of Required Schedules (continued)

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

Part V Statements Regarding Other IRS Filings and Tax ComplianceCheck if Schedule O contains a response or note to any line in this Part V ☐

		Yes	No	
1a	Enter the number reported in Box 3 of Form 1096. Enter -0- if not applicable	1a	524	
b	Enter the number of Forms W-2G included in line 1a. Enter -0- if not applicable	1b	0	
c	Did the organization comply with backup withholding rules for reportable payments to vendors and reportable gaming (gambling) winnings to prize winners?	1c	Yes	

Part V Statements Regarding Other IRS Filings and Tax Compliance (continued)

2a Enter the number of employees reported on Form W-3, Transmittal of Wage and Tax Statements, filed for the calendar year ending with or within the year covered by this return	2a 1,208			
b If at least one is reported on line 2a, did the organization file all required federal employment tax returns? Note. If the sum of lines 1a and 2a is greater than 250, you may be required to e-file (see instructions)		2b	Yes	
3a Did the organization have unrelated business gross income of \$1,000 or more during the year? . . .		3a	Yes	
b If "Yes," has it filed a Form 990-T for this year? If "No" to line 3b, provide an explanation in Schedule O . . .		3b	Yes	
4a At any time during the calendar year, did the organization have an interest in, or a signature or other authority over, a financial account in a foreign country (such as a bank account, securities account, or other financial account)? . . .		4a	Yes	
b AE, AR, AS, AU, BE, BG, BK, BO, BR, BU, CA, CE, CH, CI, CO, CS, CY, DA, EC, ES, EZ, FI, FR, GH, GM, GT, HO, HU, IC, ID, IN, IS, IT, JA, JO, KE, KS, KU, LE, LH, MC, MK, MT, MX, MY, NI, NO, NU, NZ, PE, PT, RO, RU, SE, SI, SK, SN, SV, TH, TJ, TR, TT, UG, UK, UP, UY, VE		5a		No
5a Was the organization a party to a prohibited tax shelter transaction at any time during the tax year?		5a		No
b Did any taxable party notify the organization that it was or was not a prohibited tax shelter transaction?		5b		No
c If "Yes," enter the name of the foreign country: SZ, TD, TH, TU, TW, UG, UK, UP, UY, VE		5c		
6a See instructions for filing requirements for FinCEN Form 114, Report of Foreign Bank and Financial Accounts (FBAR). Does the organization have annual gross receipts that are normally greater than \$100,000, and did the organization solicit any contributions that were not tax deductible as charitable contributions? . . .		6a		No
b If "Yes," did the organization include with every solicitation an express statement that such contributions or gifts were not tax deductible? . . .		6b		
7 Organizations that may receive deductible contributions under section 170(c).				
a Did the organization receive a payment in excess of \$75 made partly as a contribution and partly for goods and services provided to the payor? . . .		7a		No
b If "Yes," did the organization notify the donor of the value of the goods or services provided? . . .		7b		
c Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Form 8282? . . .		7c		No
d If "Yes," indicate the number of Forms 8282 filed during the year . . .	7d			
e Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?		7e		No
f Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract? . . .		7f		No
g If the organization received a contribution of qualified intellectual property, did the organization file Form 8899 as required? . . .		7g		No
h If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization file a Form 1098-C? . . .		7h		No
8 Sponsoring organizations maintaining donor advised funds. Did a donor advised fund maintained by the sponsoring organization have excess business holdings at any time during the year? . . .		8		
9 Sponsoring organizations maintaining donor advised funds.				
a Did the sponsoring organization make any taxable distributions under section 4966? . . .		9a		
b Did the sponsoring organization make a distribution to a donor, donor advisor, or related person? . . .		9b		
10 Section 501(c)(7) organizations. Enter:				
a Initiation fees and capital contributions included on Part VIII, line 12 . . .	10a			
b Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities	10b			
11 Section 501(c)(12) organizations. Enter:				
a Gross income from members or shareholders . . .	11a			
b Gross income from other sources (Do not net amounts due or paid to other sources against amounts due or received from them.) . . .	11b			
12a Section 4947(a)(1) non-exempt charitable trusts. Is the organization filing Form 990 in lieu of Form 1041?		12a		
b If "Yes," enter the amount of tax-exempt interest received or accrued during the year.	12b			
13 Section 501(c)(29) qualified nonprofit health insurance issuers.				
a Is the organization licensed to issue qualified health plans in more than one state? . . . Note. See the instructions for additional information the organization must report on Schedule O.		13a		
b Enter the amount of reserves the organization is required to maintain by the states in which the organization is licensed to issue qualified health plans . . .	13b			
c Enter the amount of reserves on hand . . .	13c			
14a Did the organization receive any payments for indoor tanning services during the tax year? . . .		14a		No
b If "Yes," has it filed a Form 720 to report these payments? If "No," provide an explanation in Schedule O . . .		14b		
15 Is the organization subject to the section 4960 tax on payment(s) of more than \$1,000,000 in remuneration or excess parachute payment(s) during the year? . . . If "Yes," see instructions and file Form 4720, Schedule N.		15		No
16 Is the organization an educational institution subject to the section 4968 excise tax on net investment income? . . . If "Yes," complete Form 4720, Schedule O.		16		No

Part VI

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

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

Section A. Governing Body and Management

		Yes	No
1a	Enter the number of voting members of the governing body at the end of the tax year If there are material differences in voting rights among members of the governing body, or if the governing body delegated broad authority to an executive committee or similar committee, explain in Schedule O.	31	
b	Enter the number of voting members included in line 1a, above, who are independent	30	
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	
b	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:		
a	The governing body?	Yes	
b	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.)

		Yes	No
10a	Did the organization have local chapters, branches, or affiliates?	Yes	
b	If "Yes," did the organization have written policies and procedures governing the activities of such chapters, affiliates, and branches to ensure their operations are consistent with the organization's exempt purposes?	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	
b	Describe in Schedule O the process, if any, used by the organization to review this Form 990.		
12a	Did the organization have a written conflict of interest policy? If "No," go to line 13	Yes	
b	Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts?	Yes	
c	Did the organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," describe in Schedule O how this was done	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?		
a	The organization's CEO, Executive Director, or top management official	Yes	
b	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
b	If "Yes," did the organization follow a written policy or procedure requiring the organization to evaluate its participation in joint venture arrangements under applicable federal tax law, and take steps to safeguard the organization's exempt status with respect to such arrangements?		

Section C. Disclosure

17 List the states with which a copy of this Form 990 is required to be filed▶
AK, AL, AR, CA, CO, CT, FL, GA, HI, IL, IN, KS, KY, MA, MD, ME, MI, MN, MS, NC, ND, NH, NJ, NM, NV, 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-A if applicable), 990, and 990-T (501(c)(3)s only) available for public inspection. Indicate how you made these available. Check all that apply.
☒ Own website ☐ Another's website ☒ Upon request ☐ Other (explain in Schedule O)

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

20 State the name, address, and telephone number of the person who possesses the organization's books and records:
▶Controller's Office 445 Hoes Lane Piscataway, NJ 088544141 (732) 981-0060

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

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

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

See instructions for the order in which to list the persons above.

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

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

[illegible]

1b Sub-Total			
c Total from continuation sheets to Part VII, Section A			
d Total (add lines 1b and 1c)	5,823,629	0	681,410

2 Total number of individuals (including but not limited to those listed above) who received more than \$100,000 of reportable compensation from the organization ► 524

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

Section B. Independent Contractors

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

(A)	(B)	(C)
Name and business address	Description of services	Compensation
Data Conversion Laboratory Inc 61-18 190th Street Suite 205 Fresh Meadows, NY 11365	XML tagging, graphics conversion, editing, page composition, and pagination of texts and graphics	4,773,614
Oracle America Inc 500 Oracle Parkway Redwood Shores San Mateo, CA 94065	License and maintain core financial system	4,459,959
iEnergizer Aptara Limited PO 13963 13963 Collections Center Dr Chicago, IL 60693	Services provide include XML and image conversion, page composition, and two levels of editing	3,283,942
Finn Partners Inc 301 East 57th St New York, NY 10022	Management of crisis communications for IEEE: assess content creation, monitoring of the press, etc	2,682,399
IMEX Global Solutions LLC 6567 Solution Center Chicago, IL 60677	International mailing services for IEEE publications, address on carrier sheets, polybag, web track	2,556,086

2 Total number of independent contractors (including but not limited to those listed above) who received more than \$100,000 of compensation from the organization ► 203

Form 990 (2019)										Page 9			
Part VIII Statement of Revenue													
Check if Schedule O contains a response or note to any line in this Part VIII <input type="checkbox"/>													
				(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	2,924,813									
	e Government grants (contributions)		1e	24,714									
	f All other contributions, gifts, grants, and similar amounts not included above		1f	127,721									
	g Noncash contributions included in lines 1a - 1f:\$		1g	0									
	h Total. Add lines 1a-1f ▶				3,077,248								
Program Service Revenue			Business Code										
	2a Membership Dues & Public Imperatives		900099		53,631,244		53,631,244		0		0		
	b Periodicals		900099		207,899,247		207,899,247		0		0		
	c Conference Revenue		900099		208,079,687		208,079,687		0		0		
	d Standards Revenue		900099		36,615,188		36,615,188		0		0		
	e Advertising Revenue		541800		8,726,683		0		8,726,683		0		
	f All other program service revenue.				170,588		170,588		0		0		
	g Total. Add lines 2a-2f. ▶				515,122,637								
Other Revenue	3 Investment income (including dividends, interest, and other similar amounts) ▶			13,940,000		0		0		13,940,000			
	4 Income from investment of tax-exempt bond proceeds ▶			0		0		0		0			
	5 Royalties ▶			14,468,237		0		0		14,468,237			
			(i) Real		(ii) Personal								
	6a Gross rents		6a	52,000		0							
	b Less: rental expenses		6b	0		0							
	c Rental income or (loss)		6c	52,000		0							
	d Net rental income or (loss) ▶			52,000		0		0		52,000			
			(i) Securities		(ii) Other								
	7a Gross amount from sales of assets other than inventory		7a	332,427,032		1,971,689							
	b Less: cost or other basis and sales expenses		7b	323,216,113		144,000							
	c Gain or (loss)		7c	9,210,919		1,827,689							
	d Net gain or (loss) ▶			11,038,608		0		0		11,038,608			
	8a Gross income from fundraising events (not including \$ 0 of contributions reported on line 1c). See Part IV, line 18		8a										
	b Less: direct expenses		8b										
	c Net income or (loss) from fundraising events . . . ▶												
	9a Gross income from gaming activities. See Part IV, line 19		9a										
	b Less: direct expenses		9b										
	c Net income or (loss) from gaming activities . . . ▶												
	10a Gross sales of inventory, less returns and allowances . . .		10a										
	b Less: cost of goods sold . . .		10b										
	c Net income or (loss) from sales of inventory . . . ▶												
Miscellaneous Revenue			Business Code										
11a Intercompany Services & Other			900099		3,051,667		0		3,051,667		0		
b Engineering Certification Programs			541900		158,679		0		158,679		0		
c InterCompany Interest Income			900003		2,340,976		0		2,340,976		0		
d All other revenue					0		0		0		0		
e Total. Add lines 11a-11d ▶				5,551,322									
12 Total revenue. See instructions ▶				563,250,052		506,395,954		14,278,005		39,498,845			

Form 990 (2019)

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	1,891,884	1,891,884		
2 Grants and other assistance to domestic individuals. See Part IV, line 22	683,939	683,939		
3 Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, lines 15 and 16.	1,540,515	1,540,515		
4 Benefits paid to or for members	0	0		
5 Compensation of current officers, directors, trustees, and key employees	4,046,250	3,621,380	424,870	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)	95,973	95,973	0	0
7 Other salaries and wages	128,304,650	125,060,413	2,301,791	942,446
8 Pension plan accruals and contributions (include section 401 (k) and 403(b) employer contributions)	17,031,208	16,549,383	361,036	120,789
9 Other employee benefits	13,339,803	12,962,817	261,578	115,408
10 Payroll taxes	13,740,756	13,421,206	224,095	95,455
11 Fees for services (non-employees):				
a Management	0	0	0	0
b Legal	2,033,587	1,418,691	614,896	0
c Accounting	832,584	514,681	317,903	0
d Lobbying	0	0	0	0
e Professional fundraising services. See Part IV, line 17	66,605			66,605
f Investment management fees	1,366,400	0	1,366,400	0
g Other (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O)	31,369,242	30,772,378	596,864	0
12 Advertising and promotion	5,328,205	5,098,465	192,900	36,840
13 Office expenses	12,696,784	12,420,167	200,400	76,217
14 Information technology	16,568,333	16,370,630	193,500	4,203
15 Royalties	14,607,934	14,529,234	78,700	0
16 Occupancy	6,839,545	5,287,245	1,552,300	0
17 Travel	22,243,546	21,358,172	811,200	74,174
18 Payments of travel or entertainment expenses for any federal, state, or local public officials	0	0	0	0
19 Conferences, conventions, and meetings	106,017,198	105,835,598	181,600	0
20 Interest	457,934	457,934	0	0
21 Payments to affiliates	0	0	0	0
22 Depreciation, depletion, and amortization	8,869,261	6,944,665	1,918,000	6,596
23 Insurance	1,251,501	1,074,701	176,800	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	34,889,865	34,851,008	5,000	33,857
b Commission Expense	22,968,899	22,968,899	0	0
c Members & Regional Expense	10,903,785	10,802,659	96,148	4,978
d Education & Training	1,358,828	281,236	1,072,036	5,556
e All other expenses	1,633,474	2,917,957	-1,390,938	106,455
25 Total functional expenses. Add lines 1 through 24e	482,978,488	469,731,830	11,557,079	1,689,579
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 SheetCheck if Schedule O contains a response or note to any line in this Part IX ☐

				(A) Beginning of year		(B) End of year
Assets	1	Cash—non-interest-bearing		14,509,732	1	18,024,531
	2	Savings and temporary cash investments		108,692,900	2	99,514,900
	3	Pledges and grants receivable, net		315,916	3	179,754
	4	Accounts receivable, net		85,666,058	4	95,584,442
	5	Loans and other payables to any current or former officer, director, trustee, key employee, creator or founder, substantial contributor, or 35% controlled entity or family member of any of these persons			5	
	6	Loans and other receivables from other disqualified persons (as defined under section 4958(f)(1)), and persons described in section 4958(c)(3)(B)			6	
	7	Notes and loans receivable, net			7	
	8	Inventories for sale or use		5,389	8	
	9	Prepaid expenses and deferred charges		17,178,694	9	18,502,419
	10a	Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D	10a	146,568,836		
	b	Less: accumulated depreciation	10b	111,641,874		
	11	Investments—publicly traded securities		351,632,983	11	474,221,591
	12	Investments—other securities. See Part IV, line 11		65,712,900	12	78,533,300
	13	Investments—program-related. See Part IV, line 11			13	
	14	Intangible assets			14	
	15	Other assets. See Part IV, line 11		538,286	15	145,461
16	Total assets. Add lines 1 through 15 (must equal line 34)		683,244,978	16	819,633,360	
Liabilities	17	Accounts payable and accrued expenses		82,100,233	17	74,543,643
	18	Grants payable			18	
	19	Deferred revenue		119,213,899	19	125,486,229
	20	Tax-exempt bond liabilities			20	
	21	Escrow or custodial account liability. Complete Part IV of Schedule D		42,188,279	21	48,367,900
	22	Loans and other payables to any current or former officer, director, trustee, key employee, creator or founder, substantial contributor, or 35% controlled entity or family member of any of these persons			22	
	23	Secured mortgages and notes payable to unrelated third parties			23	
	24	Unsecured notes and loans payable to unrelated third parties			24	
	25	Other liabilities (including federal income tax, payables to related third parties, and other liabilities not included on lines 17 - 24). Complete Part X of Schedule D			25	0
	26	Total liabilities. Add lines 17 through 25		243,502,411	26	248,397,772
Net Assets or Fund Balances	Organizations that follow FASB ASC 958, check here <input checked="" type="checkbox"/> and complete lines 27, 28, 32, and 33.					
	27	Net assets without donor restrictions		437,945,767	27	569,347,388
	28	Net assets with donor restrictions		1,796,800	28	1,888,200
	Organizations that do not follow FASB ASC 958, check here <input type="checkbox"/> and complete lines 29 through 33.					
	29	Capital stock or trust principal, or current funds			29	
	30	Paid-in or capital surplus, or land, building or equipment fund			30	
	31	Retained earnings, endowment, accumulated income, or other funds			31	
	32	Total net assets or fund balances		439,742,567	32	571,235,588
33	Total liabilities and net assets/fund balances		683,244,978	33	819,633,360	

Part XI Reconciliation of Net AssetsCheck if Schedule O contains a response or note to any line in this Part XI ☐

1	Total revenue (must equal Part VIII, column (A), line 12)	1	563,250,052
2	Total expenses (must equal Part IX, column (A), line 25)	2	482,978,488
3	Revenue less expenses. Subtract line 2 from line 1	3	80,271,564
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	439,742,567
5	Net unrealized gains (losses) on investments	5	51,221,457
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	571,235,588

Part XII Financial Statements and ReportingCheck if Schedule O contains a response or note to any line in this Part XII ☐

- 1** Accounting method used to prepare the Form 990: ☐ Cash ☒ Accrual ☐ Other _____
If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule O.
- 2a** Were the organization's financial statements compiled or reviewed by an independent accountant?
If "Yes," check a box below to indicate whether the financial statements for the year were compiled or reviewed on a separate basis, consolidated basis, or both:
☐ Separate basis ☐ Consolidated basis ☐ Both consolidated and separate basis
- b** Were the organization's financial statements audited by an independent accountant?
If "Yes," check a box below to indicate whether the financial statements for the year were audited on a separate basis, consolidated basis, or both:
☐ Separate basis ☒ Consolidated basis ☐ Both consolidated and separate basis
- c** If "Yes," to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant?
If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O.
- 3a** As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Single Audit Act and OMB Circular A-133?
- b** If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why in Schedule O and describe any steps taken to undergo such audits.

	Yes	No
2a		No
2b	Yes	
2c	Yes	
3a		No
3b		

Additional Data

Software ID: 19009572
Software Version: v1.00
EIN: 13-1656633
Name: INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
INC

Form 990 (2019)

Form 990, Part III, Line 4a:

MEMBERSHIP/PUBLIC IMPERATIVE: IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. In 2019 IEEE has a total 417,007 members from more than 160 countries worldwide; student memberships were 124,442; total IEEE society memberships were 335,452 from 39 IEEE Societies. In 2019 IEEE launched the IEEE app to allow users to discover everything IEEE offers, users can see, read, personalize and choose how to engage and connect to all things IEEE, as well as network globally. IEEE continued to engage with global communities and increase the leadership role it plays through its outreach to improve technology infrastructure and support engineering education where it is needed through a number of collaborative projects. IEEE SIGHT is a global network of IEEE volunteers partnering with underserved communities and local organizations to identify and address critical problems. Some success stories from 2019 include: 1) The IEEE Uganda Section SIGHT (Special Interest Group on Humanitarian Technology) helped save lives at Ugandan Health Center, where the Group received funding to install solar technology that provides a dependable and sustainable source of power at the Mukujju Health Center IV. This reliable energy is helping to ensure that all medical equipment functions efficiently and that the lights stay on throughout the night, thus reducing the risk of maternal and infant deaths during childbirth, 2) IEEE launched a virtual events program providing access to technical information from IEEE conferences and workshops, creating greater efficiencies and opportunities in Africa by eliminating the need to travel long distances. The program, focused on the goal of building engineering capacity in underserved African nations, now serves over 1,000 African technologists annually, 3) IEEE Engineering Projects In Community Service (EPICS) hosted the EPICS Expos, with hundreds of business leaders and students in attendance. IEEE is having an impact by providing assistance to address the housing shortage in local communities, monitoring and improving community gardens, assisting canines with amputated limbs and providing an early warning system for communities prone to flooding, 4) IEEE's Mobile Outreach Vehicle (MOVE) was deployed to assist victims of natural disasters where volunteers provided critical communications infrastructure and support to a federal resource center and to American Red Cross responders working in the affected community.

Form 990, Part III, Line 4b:

PERIODICALS: The IEEE Xplore(R) Digital Library, one of the world's largest collections of technical literature in engineering, computer science and related technologies, reached a new milestone in 2019 with 5 million documents now available in its vast repository. In 2019, IEEE continued to deliver groundbreaking research in its industry-leading publications and share its technical expertise around the world on the technologies that will shape the future. IEEE Xplore(R) had over 184 million in total usage in 2019 (PDF downloads and HTML views), publishes 250,000 new articles each year, and over 20,000 new articles each month; the collection includes contents from: 200 IEEE journals & magazines, 1,900 annual conferences, over 1,100 active technology standards, 400 eLearning courses, and 4,000 ebooks. Other 2019 IEEE publications included 178,995 conference articles, 82,494 journal articles, and 6,551 magazine articles. IEEE's publishing program continues to grow and evolve for both subscription journals and open access titles. IEEE launched new gold, fully open access journals spanning a wide range of technologies including telecommunications, computing, biomedical engineering, automotive technology, signal processing, industry applications power and energy and more. The launch of TechRxiv.org was the latest addition to open access tools available to authors. The preprint server allows authors to post early and fully open versions of their articles, and obtain feedback before publication. IEEE maintains its position as one of the top publishers of science and technology journals, continuing to be a trusted source for communicating quality technical information that will help inspire the next breakthrough technologies.

Form 990, Part III, Line 4c:

CONFERENCES: In 2019, IEEE sponsored 1,969 conferences and events in 103 countries worldwide with over 547,000 attendees, they ranged from larger conferences that have been taking place for 50 years to smaller events highlighting up-and-coming technologies. Conferences produce groundbreaking research in various technology areas recognized by academia and industry. Highlights include: 1) Optical Fiber Communications Conference and Exhibition (OFC) held in San Diego, CA with the field of interest of communication, networking and broadcast technologies, photonics and electrooptics, 2) IEEE Conference on Computer Vision and Pattern Recognition (CVPR) held in Long Branch, CA with the field of interest in back-end image processing, learning/recognition and utilization, 3) IEEE Nuclear and Space Radiation Effects Conference (NSREC) held in San Antonio, TX with field of interest of aerospace components, circuits, devices and systems, nuclear engineering, photonics and electrooptics. In 2019, IEEE is also dedicated to helping young professionals advance and stay relevant in their careers and affect change in their organizations. Highlights include: the IEEE-USA EVO (Evolution of You) Leadership Conference in Pittsburgh, PA , which provided a broad range of speakers to inspire future leaders, 2) the Slingshot Entrepreneurial Competition at the Singapore Week of Innovation and Technology (SWITCH) tech festival featured judges from IEEE N3XT(R), events designed to bring together technology entrepreneurs to promote innovation, identifying candidates who aligned with the IEEE core mission of fostering technology for the benefit of humanity. The competition included 2,400 startups from 120 countries. IEEE Women in Engineering (WIE) hosted a Singapore Networking Night in which an IEEE panel of speakers from diverse backgrounds discussed the critical factors in achieving leadership roles in technology. Technologists from over 35 countries globally attended this year's IEEE WIE International Leadership Conference in Austin, TX, including executives from influential organizations with over 70 speakers. The theme focused on increasing the number of women in middle-to senior-level positions.

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			
Stephen Welby Asst Secretary & Exec Director	40 0			X				851,383	0	195,766
Thomas R Siegert Asst Treasurer & CFO	40 1			X				589,728	0	47,210
Mary Ward-Callan Managing Director Tech Activities	40 0				X			513,133	0	52,625
Jean Jennings Director of International Sales	40 0					X		504,091	0	41,365
Konstantinos Karachalios Managing Director IEEE Standards	40 0					X		504,473	0	37,000
Michael B Forster Managing Director Publications	40 0				X			448,304	0	43,050
Paul Canning Regional Sales Manager EMEA	40 0					X		437,367	0	48,545
Cherif Amirat Chief Information Officer	40 0				X			419,970	0	47,879
Francis Staples Senior Director Global Sales & Customer Operations	40 0					X		405,005	0	47,477
Donna Hourican Staff Executive Corp Activities	40 0				X			387,870	0	37,000

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			
Cecelia Jankowski Managing Director Member & Geographic Activities	40 0					X		375,064	0	40,902
Karen L Hawkins Chief Marketing Officer	40 0				X			369,741	0	42,591
David B Durocher Director & Delegate, Division II	5 0	X						17,500	0	0
Jose MF Moura IEEE President and CEO	10 0	X		X				0	0	0
Toshio Fukuda IEEE President-Elect	10 0	X		X				0	0	0
James A Jefferies IEEE Past President	10 0	X		X				0	0	0
Kathleen Kramer Director & Secretary	10 0	X		X				0	0	0
Joseph V Lillie Director & Treasurer	10 0	X		X				0	0	0
Witold M Kinsner Director & Vice President, Educational Activities	10 0	X		X				0	0	0
Hulya Kirkici Director & Vice President, Publication Services and Products	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			
Francis B Grosz Jr Director & Vice President, Member and Geographic Activities	10 0	X		X				0	0	0
Robert S Fish Director & President, Standards Association	10 0	X						0	0	0
KJ Ray Liu Director & Vice President, Technical Activities	10 0	X		X				0	0	0
Thomas M Coughlin Director & President IEEE-USA	10 0	X		X				0	0	0
Babak Beheshti Director & Delegate, Region 1	5 0	X						0	0	0
Wolfam Bettermann Director & Delegate, Region 2	5 0	X						0	0	0
Gregg L Vaughn Director & Delegate, Region 3	5 0	X						0	0	0
David A Koehler Director & Delegate, Region 4	5 0	X						0	0	0
Robert C Shapiro Director & Delegate, Region 5	5 0	X						0	0	0
Keith A Moore Director & Delegate, Region 6	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			
Maike Luiken Director & Delegate, Region 7	5 0	X						0	0	0
Magdalena Salazar-Palma Director & Delegate, Region 8	5 0	X						0	0	0
Teofilo Ramos Director & Delegate, Region 9	5 0	X						0	0	0
Akinori Nishihara Director & Delegate, Region 10	5 0	X						0	0	0
Renuka P Jindal Director & Delegate, Division I	5 0	X						0	0	0
Sergio Benedetto Director & Delegate, Division III	5 0	X						0	0	0
John P Verboncoeur Director & Delegate, Division IV	5 0	X						0	0	0
John W Walz Director & Delegate, Division V	5 0	X						0	0	0
Manuel Castro Director & Delegate, Division VI	5 0	X						0	0	0
Bruno Meyer Director & Delegate, Division VII	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			
Elizabeth Burd Director & Delegate, Division VIII	5 0	X						0	0	0
Alejandro Acero Director & Delegate, Division IX	5 0	X						0	0	0
Ljiljana Trajkovic Director & Delegate, Division X	5 0	X						0	0	0

SCHEDULE A
(Form 990 or 990EZ)

Department of the Treasury
Internal Revenue Service

Public Charity Status and Public Support

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

OMB No. 1545-0047

2019

Open to Public Inspection

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, or 8 of Part I or if the organization failed to qualify under Part III.
If the organization failed to qualify under the tests listed below, please complete Part III.)

Section A. Public Support						
Calendar year (or fiscal year beginning in) ▶	(a) 2015	(b) 2016	(c) 2017	(d) 2018	(e) 2019	(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) 2015	(b) 2016	(c) 2017	(d) 2018	(e) 2019	(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 2019 (line 6, column (f) divided by line 11, column (f))					14	
15 Public support percentage for 2018 Schedule A, Part II, line 14					15	
16a 33 1/3% support test—2019. 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—2018. 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—2019. 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—2018. 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) 2015	(b) 2016	(c) 2017	(d) 2018	(e) 2019	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.")	2,285,419	2,798,660	4,085,277	4,112,115	3,077,248	16,358,719
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	423,081,141	442,126,092	440,584,307	478,572,318	506,395,954	2,290,759,812
3 Gross receipts from activities that are not an unrelated trade or business under section 513	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
5 The value of services or facilities furnished by a governmental unit to the organization without charge	0	0	0	0		0
6 Total. Add lines 1 through 5	425,366,560	444,924,752	444,669,584	482,684,433	509,473,202	2,307,118,531
7a Amounts included on lines 1, 2, and 3 received from disqualified persons	124,000	0	0	0	0	124,000
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
c Add lines 7a and 7b.	124,000	0	0	0	0	124,000
8 Public support. (Subtract line 7c from line 6.)						2,306,994,531

Section B. Total Support

Calendar year (or fiscal year beginning in) ►	(a) 2015	(b) 2016	(c) 2017	(d) 2018	(e) 2019	(f) Total
9 Amounts from line 6.	425,366,560	444,924,752	444,669,584	482,684,433	509,473,202	2,307,118,531
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources	20,943,031	21,005,160	24,170,044	27,004,872	28,460,237	121,583,344
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.	20,943,031	21,005,160	24,170,044	27,004,872	28,460,237	121,583,344
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
12 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)	0	0	0	0		0
13 Total support. (Add lines 9, 10c, 11, and 12.)	446,309,591	465,929,912	468,839,628	509,689,305	537,933,439	2,428,701,875
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 2019 (line 8, column (f) divided by line 13, column (f))	15	94.989 %
16 Public support percentage from 2018 Schedule A, Part III, line 15	16	95.127 %

Section D. Computation of Investment Income Percentage

17 Investment income percentage for 2019 (line 10c, column (f) divided by line 13, column (f))	17	5.006 %
18 Investment income percentage from 2018 Schedule A, Part III, line 17	18	4.873 %

- 19a 33 1/3% support tests—2019.** If the organization did not check the box on line 14, and line 15 is more than 33 1/3%, and line 17 is not more than 33 1/3%, check this box and **stop here.** The organization qualifies as a publicly supported organization. ► ☒
- b 33 1/3% support tests—2018.** If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3% and line 18 is not more than 33 1/3%, check this box and **stop here.** The organization qualifies as a publicly supported organization. ► ☐
- 20 Private foundation.** If the organization did not check a box on line 14, 19a, or 19b, check this box and see instructions. ► ☐

Part IV Supporting Organizations

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

Section A. All Supporting Organizations

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

Part IV

Supporting Organizations (continued)

	Yes	No
11 Has the organization accepted a gift or contribution from any of the following persons?		
a A person who directly or indirectly controls, either alone or together with persons described in (b) and (c) below, the governing body of a supported organization?		
b A family member of a person described in (a) above?		
c A 35% controlled entity of a person described in (a) or (b) above? <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 <input type="checkbox"/> Check here if the organization satisfied the Integral Part Test as a qualifying trust on Nov. 20, 1970 (explain in Part VI). See instructions. All other Type III non-functionally integrated supporting organizations must complete Sections A through E.			
Section A - Adjusted Net Income		(A) Prior Year	(B) Current Year (optional)
1	Net short-term capital gain	1	
2	Recoveries of prior-year distributions	2	
3	Other gross income (see instructions)	3	
4	Add lines 1 through 3	4	
5	Depreciation and depletion	5	
6	Portion of operating expenses paid or incurred for production or collection of gross income or for management, conservation, or maintenance of property held for production of income (see instructions)	6	
7	Other expenses (see instructions)	7	
8	Adjusted Net Income (subtract lines 5, 6 and 7 from line 4)	8	
Section B - Minimum Asset Amount		(A) Prior Year	(B) Current Year (optional)
1	Aggregate fair market value of all non-exempt-use assets (see instructions for short tax year or assets held for part of year):	1	
a	Average monthly value of securities	1a	
b	Average monthly cash balances	1b	
c	Fair market value of other non-exempt-use assets	1c	
d	Total (add lines 1a, 1b, and 1c)	1d	
e	Discount claimed for blockage or other factors (explain in detail in Part VI):		
2	Acquisition indebtedness applicable to non-exempt use assets	2	
3	Subtract line 2 from line 1d	3	
4	Cash deemed held for exempt use. Enter 1-1/2% of line 3 (for greater amount, see instructions).	4	
5	Net value of non-exempt-use assets (subtract line 4 from line 3)	5	
6	Multiply line 5 by .035	6	
7	Recoveries of prior-year distributions	7	
8	Minimum Asset Amount (add line 7 to line 6)	8	
Section C - Distributable Amount			Current Year
1	Adjusted net income for prior year (from Section A, line 8, Column A)	1	
2	Enter 85% of line 1	2	
3	Minimum asset amount for prior year (from Section B, line 8, Column A)	3	
4	Enter greater of line 2 or line 3	4	
5	Income tax imposed in prior year	5	
6	Distributable Amount. Subtract line 5 from line 4, unless subject to emergency temporary reduction (see instructions)	6	
7	<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 2019 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-2019	(iii) Distributable Amount for 2019
1 Distributable amount for 2019 from Section C, line 6			
2 Underdistributions, if any, for years prior to 2019 (reasonable cause required-- explain in Part VI). See instructions.			
3 Excess distributions carryover, if any, to 2019:			
a From 2014.			
b From 2015.			
c From 2016.			
d From 2017.			
e From 2018.			
f Total of lines 3a through e			
g Applied to underdistributions of prior years			
h Applied to 2019 distributable amount			
i Carryover from 2014 not applied (see instructions)			
j Remainder. Subtract lines 3g, 3h, and 3i from 3f.			
4 Distributions for 2019 from Section D, line 7:			
\$			
a Applied to underdistributions of prior years			
b Applied to 2019 distributable amount			
c Remainder. Subtract lines 4a and 4b from 4.			
5 Remaining underdistributions for years prior to 2019, if any. Subtract lines 3g and 4a from line 2. If the amount is greater than zero, explain in Part VI. See instructions.			
6 Remaining underdistributions for 2019. Subtract lines 3h and 4b from line 1. If the amount is greater than zero, explain in Part VI. See instructions.			
7 Excess distributions carryover to 2020. Add lines 3j and 4c.			
8 Breakdown of line 7:			
a Excess from 2015.			
b Excess from 2016.			
c Excess from 2017.			
d Excess from 2018.			
e Excess from 2019.			

Additional Data

Software ID: 19009572
Software Version: v1.00
EIN: 13-1656633
Name: INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
INC

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

Facts And Circumstances Test

SCHEDULE C
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Political Campaign and Lobbying Activities

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

▶Complete if the organization is described below. ▶Attach to Form 990 or Form 990-EZ.
▶Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2019

Open to Public Inspection

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

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

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

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

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

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

Name of the organization INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC	Employer identification number 13-1656633
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Part I-A Complete if the organization is exempt under section 501(c) or is a section 527 organization.

1	Provide a description of the organization's direct and indirect political campaign activities in Part IV (see instructions for definition of "political campaign activities")	
2	Political campaign activity expenditures (see instructions)	▶ \$
3	Volunteer hours for political campaign activities (see instructions)	

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

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

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

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

	(a) Name	(b) Address	(c) EIN	(d) Amount paid from filing organization's funds. If none, enter -0-.	(e) Amount of political contributions received and promptly and directly delivered to a separate political organization. If none, enter -0-.
1					
2					
3					
4					
5					
6					

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

A Check ☐ if the filing organization belongs to an affiliated group (and list in Part IV each affiliated group member's name, address, EIN, expenses, and share of excess lobbying expenditures).

B Check ☐ if the filing organization checked box A and "limited control" provisions apply.

Limits on Lobbying Expenditures (The term "expenditures" means amounts paid or incurred.)	(a) Filing organization's totals	(b) Affiliated group totals												
1a Total lobbying expenditures to influence public opinion (grass roots lobbying)	0													
b Total lobbying expenditures to influence a legislative body (direct lobbying)	119,812													
c Total lobbying expenditures (add lines 1a and 1b)	119,812													
d Other exempt purpose expenditures	475,082,581													
e Total exempt purpose expenditures (add lines 1c and 1d)	475,202,393													
f Lobbying nontaxable amount. Enter the amount from the following table in both columns.	1,000,000													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:50%;">If the amount on line 1e, column (a) or (b) is:</th> <th style="width:50%;">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) 2016	(b) 2017	(c) 2018	(d) 2019	(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	245,300	281,196	147,474	119,812	793,782
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).		
a	Current year	2a	
b	Carryover from last year	2b	
c	Total	2c	
3	Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues .	3	
4	If notices were sent and the amount on line 2c exceeds the amount on line 3, what portion of the excess does the organization agree to carryover to the reasonable estimate of nondeductible lobbying and political expenditure next year?	4	
5	Taxable amount of lobbying and political expenditures (see instructions)	5	

Part IV Supplemental Information

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

Return Reference	Explanation
------------------	-------------

SCHEDULE D
(Form 990)

Department of the Treasury
Internal Revenue Service

Supplemental Financial Statements

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

OMB No. 1545-0047

2019

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?

☐ Yes ☐ No

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

☐ Yes ☐ No

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

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

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

☐ Preservation of an historically important land area

☐ Protection of natural habitat

☐ Preservation of a certified historic structure

☐ Preservation of open space

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

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

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

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

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

☐ Yes ☐ No

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

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

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

☐ Yes ☐ No

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

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

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

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

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

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

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

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

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

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

Cat. No. 52283D

Schedule D (Form 990) 2019

Part III

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

3

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

a

☐ Public exhibition

b

☐ Scholarly research

c

☐ Preservation for future generations

d

☐ Loan or exchange programs

e

☐ Other

4

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

5

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

☐ Yes

☐ No

Part IV

Escrow and Custodial Arrangements.

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

1a

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

☐ Yes

☒ No

b

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

c

Beginning balance

d

Additions during the year

e

Distributions during the year

f

Ending balance

	Amount
1c	
1d	
1e	
1f	

2a

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

☒ Yes

☐ No

b

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

☒

Part V

Endowment Funds.

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

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

2

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

a

Board designated or quasi-endowment ▶

b

Permanent endowment ▶

c

Temporarily restricted endowment ▶

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

3a

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

(i) unrelated organizations

(ii) related organizations

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

b

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

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	399,900	0	399,900
b	Buildings	37,971,375	0	11,682,297
c	Leasehold improvements	1,208,649	0	418,058
d	Equipment	106,988,912	0	22,426,707
e	Other	0	0	0
Total.	Add lines 1a through 1e. (Column (d) must equal Form 990, Part X, column (B), line 10(c).) . . . ▶			34,926,962

Schedule D (Form 990) 2019

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	0	F
(2) Closely-held equity interests	0	F
(3) Other _____ (A) Commingled Funds	78,533,300	F
(B)		
(C)		
(D)		
(E)		
(F)		
(G)		
(H)		
Total. (Column (b) must equal Form 990, Part X, col. (B) line 12.) ▶	78,533,300	

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.

(a) Description of liability	(b) Book value
(1) Federal income taxes	0
(2)	
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
Total. (Column (b) must equal Form 990, Part X, col.(B) line 25.) ▶	0

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	632,491,048
2	Amounts included on line 1 but not on Form 990, Part VIII, line 12:		
a	Net unrealized gains (losses) on investments	2a	51,221,478
b	Donated services and use of facilities	2b	0
c	Recoveries of prior year grants	2c	0
d	Other (Describe in Part XIII.)	2d	18,019,518
e	Add lines 2a through 2d	2e	69,240,996
3	Subtract line 2e from line 1	3	563,250,052
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	563,250,052

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	509,409,917
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	26,431,429
e	Add lines 2a through 2d	2e	26,431,429
3	Subtract line 2e from line 1	3	482,978,488
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	482,978,488

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: 19009572
Software Version: v1.00
EIN: 13-1656633
Name: INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
INC

Supplemental Information

Return Reference	Explanation
Schedule D, Part IV, Line 2b	The Institute of Electrical and Electronics Engineers, Inc. held \$48,367,900 on behalf of IEEE Foundation, Incorporated

Supplemental Information

Return Reference	Explanation
Schedule D, Part X, Line 2	<p>INCOME TAXES AND TAX STATUS - The Institute follows guidance that 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. As of December 31, 2019 and 2018, management has determined that there are no significant uncertain tax positions that would require recognition or disclosure in the accompanying consolidated financial statements.</p>

Supplemental Information	
Return Reference	Explanation
Schedule D, Part XI, Line 2d	Eliminations of entities that are not part of the Institute of Electrical and Electronics Engineers, Inc. IRS Form 990 consolidated return.

Supplemental Information	
Return Reference	Explanation
Schedule D, Part XII, Line 2d	Eliminations of entities that are not part of the Institute of Electrical and Electronics Engineers, Inc. IRS Form 990 consolidated return.

SCHEDULE F
(Form 990)

Department of the Treasury
Internal Revenue Service

Statement of Activities Outside the United States

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

OMB No. 1545-0047

2019

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" on Form 990, Part IV, line 14b.

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

(a) Region	(b) Number of offices in the region	(c) Number of employees, agents, and independent contractors in the region	(d) Activities conducted in region (by type) (such as, fundraising, program services, investments, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in the region	(f) Total expenditures for and investments in the region
See Add'l Data					
3a Sub-total					
b Total from continuation sheets to Part I					
c Totals (add lines 3a and 3b)	2	3			63,944,269

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

[illegible]

2 Enter total number of recipient organizations listed above that are recognized as charities by the foreign country, recognized as tax-exempt by the IRS, or for which the grantee or counsel has provided a section 501(c)(3) equivalency letter 27

3	Enter total number of other organizations or entities	4
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Part III	Grants and Other Assistance to Individuals Outside the United States. Complete if the organization answered "Yes" on Form 990, Part IV, line 16.
-----------------	---

Part III can be duplicated if additional space is needed.

[illegible]

Part IV Foreign Forms

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

Part V Supplemental Information

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

990 Schedule F, Supplemental Information

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: 19009572
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	547,511
Central America and the Caribbean	0	0	Program Services	Periodicals	29,947

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	Conferences	254,500
Central America and the Caribbean	0	0	Program Services	Standards and Others	92,501

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		3,249
East Asia and the Pacific	1	2	Program Services	Member & Public Imperatives	831,148

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	Periodicals	1,673
East Asia and the Pacific	0	0	Program Services	Conferences	24,534,025

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	Standards and Others	923,787
East Asia and the Pacific	0	0	Grantmaking		321,382

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	365,354
Europe (including Iceland and Greenland)	0	0	Program Services	Periodicals	2,267

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	Conferences	20,408,289
Europe (including Iceland and Greenland)	0	0	Program Services	Standards and Others	215,419

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	Grantmaking		551,961
Middle East and North Africa	0	0	Program Services	Member & Public Imperatives	93,439

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	10,112
Middle East and North Africa	0	0	Program Services	Conferences	1,458,502

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	Standards and Others	136,211
Middle East and North Africa	0	0	Grantmaking		23,943

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	Member & Public Imperatives	272,768
North America (including Canada and Mexico, but not the United States)	0	0	Program Services	Periodicals	34,260

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	8,358,688
North America (including Canada and Mexico, but not the United States)	0	0	Program Services	Standards and Others	395,465

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	Grantmaking		112,382
Russia and the newly independent States	1	1	Program Services	Member & Public Imperatives	46,481

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	Conferences	118,099
Russia and the newly independent States	0	0	Program Services	Standards and Others	63,070

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	Grantmaking		44,172
South America	0	0	Program Services	Member & Public Imperatives	366,203

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	2,912
South America	0	0	Program Services	Conferences	1,025,757

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	Standards and Others	265,401
South America	0	0	Grantmaking		94,773

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	Member & Public Imperatives	516,294
South Asia	0	0	Program Services	Periodicals	2,666

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	276,403
South Asia	0	0	Program Services	Standards and Others	427,464

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	Grantmaking		300,038
Sub-Saharan Africa	0	0	Program Services	Member & Public Imperatives	100,825

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	Periodicals	54
Sub-Saharan Africa	0	0	Program Services	Conferences	164,505

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	Standards and Others	61,754
Sub-Saharan Africa	0	0	Grantmaking		88,615

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	25,000	Wire Transfers	0	Not Applicable	Not Applicable
		East Asia and the Pacific	Engineering Fellowship	30,000	Wire Transfers	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 Achievement Award	41,000	Wire Transfers	0	Not Applicable	Not Applicable
		Europe (including Iceland and Greenland)	Engineering Development	180,624	Wire Transfers	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)
		North America (including Canada and Mexico, but not the United States)	Engineering Achievement Award	25,000	Wire Transfers	0	Not Applicable	Not Applicable
		South America	Engineering Development	57,500	Wire Transfers	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 Achievement Award	10,000	Wire Transfers	0	Not Applicable	Not Applicable
		South Asia	Engineering Development	16,342	Wire Transfers; Checks	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 Scholarship	5,300	Wire Transfers	0	Not Applicable	Not Applicable
		Sub-Saharan Africa	Engineering Achievement Award	7,000	Wire Transfers	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)
		Sub-Saharan Africa	Engineering Development	75,000	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 Achievement Award	Central America and the Caribbean	5	1,713	Checks	0	Not Applicable	Not Applicable
Engineering Achievement Award	East Asia and the Pacific	299	110,044	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)	206	131,148	Checks; Wire Transfers	0	Not Applicable	Not Applicable
Engineering Achievement Award	Middle East and North Africa	22	12,940	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)	94	34,513	Checks; Wire Transfers	0	Not Applicable	Not Applicable
Engineering Achievement Award	Russia and the newly independent States	9	6,336	Checks	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 America	22	22,677	Checks; Wire Transfers	0	Not Applicable	Not Applicable
Engineering Achievement Award	South Asia	77	27,620	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	Sub-Saharan Africa	3	1,750	Checks; Wire Transfers	0	Not Applicable	Not Applicable
Engineering Development	East Asia and the Pacific	94	18,294	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)	20	21,187	Checks; Wire Transfers	0	Not Applicable	Not Applicable
Engineering Development	Middle East and North Africa	7	5,954	Checks	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)	3	5,097	Checks; Wire Transfers	0	Not Applicable	Not Applicable
Engineering Development	South America	3	3,344	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	7	22,776	Checks			
Engineering Development	Sub-Saharan Africa	2	1,400	Checks	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 Fellowship	East Asia and the Pacific	6	17,000	Checks; Wire Transfers	0	Not Applicable	Not Applicable
Engineering Fellowship	Europe (including Iceland and Greenland)	8	34,930	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 Fellowship	North America (including Canada and Mexico, but not the United States)	2	7,000	Checks; Wire Transfers	0	Not Applicable	Not Applicable
Engineering Fellowship	South America	1	2,000	Checks	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 Fellowship	South Asia	2	4,000	Checks; Wire Transfers	0	Not Applicable	Not Applicable
Engineering Scholarship	East Asia and the Pacific	10	5,804	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	Europe (including Iceland and Greenland)	7	9,500	Checks; Wire Transfers	0	Not Applicable	Not Applicable
Engineering Scholarship	North America (including Canada and Mexico, but not the United States)	2	2,500	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	Russia and the newly independent States	1	25,000	Wire Transfers	0	Not Applicable	Not Applicable
Engineering Scholarship	South Asia	32	32,000	Wire Transfers			

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DLN: 93493303021690

SCHEDULE G
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Supplemental Information Regarding
Fundraising or Gaming Activities

Complete if the organization answered "Yes" on Form 990, Part IV, lines 17, 18, or 19, or if the organization entered more than \$15,000 on Form 990-EZ, line 6a.
▶ Attach to Form 990 or Form 990-EZ.
▶ Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2019

Open to Public Inspection

Name of the organization
INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC

Employer identification number
13-1656633

Part I

Fundraising Activities. Complete if the organization answered "Yes" on Form 990, Part IV, line 17.
Form 990-EZ filers are not required to complete this part.

1

Indicate whether the organization raised funds through any of the following activities. Check all that apply.

a

☒ Mail solicitations

e

☒ Solicitation of non-government grants

b

☒ Internet and email solicitations

f

☐ Solicitation of government grants

c

☐ Phone solicitations

g

☐ Special fundraising events

d

☒ In-person solicitations

2a

Did the organization have a written or oral agreement with any individual (including officers, directors, trustees or key employees listed in Form 990, Part VII) or entity in connection with professional fundraising services?

☒ Yes ☐ No

b

If "Yes," list the 10 highest paid individuals or entities (fundraisers) pursuant to agreements under which the fundraiser is to be compensated at least \$5,000 by the organization.

(i) Name and address of individual or entity (fundraiser)	(ii) Activity	(iii) Did fundraiser have custody or control of contributions?		(iv) Gross receipts from activity	(v) Amount paid to (or retained by) fundraiser listed in col. (i)	(vi) Amount paid to (or retained by) organization
		Yes	No			
David A Campbell & Company One E Wacker Dr Suite 2100 Chicago, IL 60601	The Fundraising Counselor provides fundraising consulting services to IEEE. This includes conducting a development assessment for IEEE that would provide input on how Eta Kappa Nu can advance its fundraising efforts and double its endowment.		No	0	44,000	-44,000
Kelly Brooks Tannen 6663 Wayne Ave Philadelphia, PA 19119	The Fundraiser Counsel provides assistance with writing fundraising copy as requested, including proposal narratives and support materials for grant applications, feedback and guidance regarding grant content written by IEEE staff and volunteers; and assistance with research and vetting of identified foundation, corporate, and government grant prospects.		No	0	13,230	-13,230
The Prospect Finder LLC 1701 Salter Path Road Unit 101-i-Indian Indian Beach, NC 28512	The Fundraiser Counsel provides research and create donor profiles for a segmented list of prospects provided by IEEE that will enable better identification and qualification of the prospect enabling cultivation activity to occur.		No	0	9,375	-9,375
Total				0	66,605	-66,605

3

List all states in which the organization is registered or licensed to solicit contributions or has been notified it is exempt from registration or licensing.

CA, FL, IL, IN, KY, MA, MD, MN, NC, NJ, NY, PA, RI, SC, TN, VA

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

Cat. No. 50083H

Schedule G (Form 990 or 990-EZ) 2019

Part II Fundraising Events. Complete if the organization answered "Yes" on Form 990, Part IV, line 18, or reported more than \$15,000 of fundraising event contributions and gross income on Form 990-EZ, lines 1 and 6b. List events with gross receipts greater than \$5,000.

Revenue		(a) Event #1	(b) Event #2	(c) Other events	(d) Total events
		(event type)	(event type)	(total number)	(add col. (a) through col. (c))
Revenue	1 Gross receipts				
	2 Less: Contributions				
	3 Gross income (line 1 minus line 2)				
Direct Expenses	4 Cash prizes				
	5 Noncash prizes				
	6 Rent/facility costs				
	7 Food and beverages				
	8 Entertainment				
	9 Other direct expenses				
	10 Direct expense summary. Add lines 4 through 9 in column (d) ▶				
11 Net income summary. Subtract line 10 from line 3, column (d) ▶					

Part III Gaming. Complete if the organization answered "Yes" on Form 990, Part IV, line 19, or reported more than \$15,000 on Form 990-EZ, line 6a.

Revenue		(a) Bingo	(b) Pull tabs/Instant bingo/progressive bingo	(c) Other gaming	(d) Total gaming (add col.(a) through col.(c))
Revenue	1 Gross revenue				
	2 Cash prizes				
	3 Noncash prizes				
	4 Rent/facility costs				
	5 Other direct expenses				
Direct Expenses	6 Volunteer labor	<input type="checkbox"/> Yes _____ % <input type="checkbox"/> No	<input type="checkbox"/> Yes _____ % <input type="checkbox"/> No	<input type="checkbox"/> Yes _____ % <input type="checkbox"/> No	
	7 Direct expense summary. Add lines 2 through 5 in column (d) ▶				
	8 Net gaming income summary. Subtract line 7 from line 1, column (d) ▶				

9 Enter the state(s) in which the organization conducts gaming activities: _____

a Is the organization licensed to conduct gaming activities in each of these states? ☐ Yes ☐ No

b If "No," explain: _____

10a Were any of the organization's gaming licenses revoked, suspended or terminated during the tax year? ☐ Yes ☐ No

b If "Yes," explain: _____

11

Does the organization conduct gaming activities with nonmembers?

☐ Yes ☐ No

12

Is the organization a grantor, beneficiary or trustee of a trust or a member of a partnership or other entity formed to administer charitable gaming?

☐ Yes ☐ No

13

Indicate the percentage of gaming activity conducted in:

a	The organization's facility	13a	%
b	An outside facility	13b	%

14

Enter the name and address of the person who prepares the organization's gaming/special events books and records:

Name ▶

Address ▶

15a

Does the organization have a contract with a third party from whom the organization receives gaming revenue?

☐ Yes ☐ No

b

If "Yes," enter the amount of gaming revenue received by the organization ▶ \$ and the amount of gaming revenue retained by the third party ▶ \$.

c

If "Yes," enter name and address of the third party:

Name ▶

Address ▶

16

Gaming manager information:

Name ▶

Gaming manager compensation ▶ \$

Description of services provided ▶

☐ Director/officer

☐ Employee

☐ Independent contractor

17

Mandatory distributions:

a

Is the organization required under state law to make charitable distributions from the gaming proceeds to retain the state gaming license?

☐ Yes ☐ No

b

Enter the amount of distributions required under state law distributed to other exempt organizations or spent in the organization's own exempt activities during the tax year ▶ \$

Part IV

Supplemental Information. Provide the explanations required by Part I, line 2b, columns (iii) and (v); and Part III, lines 9, 9b, 10b, 15b, 15c, 16, and 17b, as applicable. Also provide any additional information. See instructions.

Return Reference	Explanation
Schedule G, Part I, Line 2b	The professional fundraisers reported on Schedule G assisted IEEE with developing fundraising strategies. IEEE does not track donations to the specific fundraiser that may have been instrumental in securing the funding; accordingly, rather than estimate funds raised by each fundraiser, IEEE has opted to report \$0 as revenue raised.

Note: To capture the full content of this document, please select landscape mode (11" x 8.5") when printing.

Schedule I
(Form 990)

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.

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

OMB No. 1545-0047

2019

Open to Public
Inspection

Department of the
Treasury
Internal Revenue Service

Name of the organization
INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC

Employer identification number

13-1656633

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ Yes ☐ No
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

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

(a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) See Additional Data							
(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 ▶ 19

3 Enter total number of other organizations listed in the line 1 table ▶ 2

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

Part III can be duplicated if additional space is needed.

(a) Type of grant or assistance	(b) Number of recipients	(c) Amount of cash grant	(d) Amount of noncash assistance	(e) Method of valuation (book, FMV, appraisal, other)	(f) Description of noncash assistance
(1) Engineering Achievement Award	228	276,099	0	Not Applicable	Not Applicable
(2) Engineering Development	21	23,340	0	Not Applicable	Not Applicable
(3) Engineering Fellowship	24	377,000	0	Not Applicable	Not Applicable
(4) Engineering Scholarship	6	7,500	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: 19009572
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)	1,342,345	0	Not Applicable	Not Applicable	Engineering Scholarship
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
Arizona State University College of Eng Applied Sciences School of Construction PO Box 870204 Tempe, AZ 85287	86-0196696	501(c)(3)	20,000	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)	20,000	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
Astronaut Scholarship Foundation Inc 651 Danville Dr Orlando, FL 32825	59-2448775	501(c)(3)	15,000	0	Not Applicable	Not Applicable	Engineering Development
AugmentedReality org 3855 SW 153rd Drive Beaverton, OR 97003	46-0772775	501(c)(3)	20,800	0	Not Applicable	Not Applicable	Engineering Fellowship

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
Curators of the University of Missouri 325 Computer Science 1870 Miner Cir Rolla, MO 654090350	43-6003859	501(c)(3)	15,000	0	Not Applicable	Not Applicable	Engineering Development
Dare County Schools PO Box 1508 Nags Head, NC 27959	56-6001017	501(c)(3)	10,000	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
Engineering for Change LLC Two Park Avenue New York, NY 10016	27-0287469	501(c)(3)	15,000	0	Not Applicable	Not Applicable	Engineering Development
National Electronics Museum Inc PO Box 1693 MS 4015 Baltimore, MD 21203	52-1226197	501(c)(3)	15,000	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
North Dakota State University PO Box 5285 Fargo, ND 581055285	45-6002439	501(c)(3)	15,000	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)	25,500	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)	38,168	0	Not Applicable	Not Applicable	Engineering Development
Rochester Institute of Technology 7 Lomb Memorial Drive Rochester, NY 146235603	16-0743140	501(c)(3)	10,500	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
Rowan University 201 Mullica Hill Road Glassboro, NJ 08028	22-2764819	501(c)(3)	10,000	0	Not Applicable	Not Applicable	Engineering Development
Santa Clara University 500 El Camino Real Santa Clara, CA 95053	94-1156617	501(c)(3)	10,000	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
Seeding Labs A Nonprofit Corporation via A ucchi 169 Boston, MA 02109	10-8267613	501(c)(3)	125,000	0	Not Applicable	Not Applicable	Engineering Achievement Award
Simusolar Inc 548 Market Street unit 76691 San Francisco, CA 94104	47-2154274	Not Applicable	7,000	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
The Johns Hopkins University Applied Physics Laboratory LLC 11100 Johns Hopkins Road Laurel, MD 207236099	52-0595111	501(c)(3)	11,500	0	Not Applicable	Not Applicable	Engineering Achievement Award
University of Kansas - Continuing Education Continuing Education 1515 St Andrews Dr Lawrence, KS 66047	48-1124839	501(c)(3)	8,500	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
Universidad Metropolitana SUAGM Institutional Development Office P O Box 21150 San Juan, PR 00928	66-0201206	501(c)(3)	19,500	0	Not Applicable	Not Applicable	

Schedule J (Form 990)	Compensation Information	OMB No. 1545-0047
		2019
		Open to Public Inspection
Department of the Treasury Internal Revenue Service	For certain Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees ▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 23. ▶ Attach to Form 990. ▶ Go to www.irs.gov/Form990 for instructions and the latest information.	
Name of the organization INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC		Employer identification number 13-1656633

Part I Questions Regarding Compensation		Yes	No
1a Check the appropriate box(es) if the organization provided any of the following to or for a person listed on Form 990, Part VII, Section A, line 1a. Complete Part III to provide any relevant information regarding these items.			
<input checked="" type="checkbox"/> First-class or charter travel	<input type="checkbox"/> Housing allowance or residence for personal use		
<input type="checkbox"/> Travel for companions	<input type="checkbox"/> Payments for business use of personal residence		
<input type="checkbox"/> Tax idemnification and gross-up payments	<input type="checkbox"/> Health or social club dues or initiation fees		
<input type="checkbox"/> Discretionary spending account	<input type="checkbox"/> Personal services (e.g., maid, chauffeur, chef)		
b If any of the boxes on Line 1a are checked, did the organization follow a written policy regarding payment or reimbursement or provision of all of the expenses described above? If "No," complete Part III to explain		1b Yes	
2 Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all directors, trustees, officers, including the CEO/Executive Director, regarding the items checked on Line 1a?		2 Yes	
3 Indicate which, if any, of the following the filing organization used to establish the compensation of the organization's CEO/Executive Director. Check all that apply. Do not check any boxes for methods used by a related organization to establish compensation of the CEO/Executive Director, but explain in Part III.			
<input checked="" type="checkbox"/> Compensation committee	<input checked="" type="checkbox"/> Written employment contract		
<input checked="" type="checkbox"/> Independent compensation consultant	<input checked="" type="checkbox"/> Compensation survey or study		
<input checked="" type="checkbox"/> Form 990 of other organizations	<input checked="" type="checkbox"/> Approval by the board or compensation committee		
4 During the year, did any person listed on Form 990, Part VII, Section A, line 1a, with respect to the filing organization or a related organization:			
a Receive a severance payment or change-of-control payment?		4a	No
b Participate in, or receive payment from, a supplemental nonqualified retirement plan?		4b Yes	
c Participate in, or receive payment from, an equity-based compensation arrangement?		4c	No
If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III.			
Only 501(c)(3), 501(c)(4), and 501(c)(29) organizations must complete lines 5-9.			
5 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the revenues of:			
a The organization?		5a Yes	
b Any related organization?		5b	No
If "Yes," on line 5a or 5b, describe in Part III.			
6 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the net earnings of:			
a The organization?		6a	No
b Any related organization?		6b	No
If "Yes," on line 6a or 6b, describe in Part III.			
7 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization provide any nonfixed payments not described in lines 5 and 6? If "Yes," describe in Part III.		7	No
8 Were any amounts reported on Form 990, Part VII, paid or accrued pursuant to a contract that was subject to the initial contract exception described in Regulations section 53.4958-4(a)(3)? If "Yes," describe in Part III.		8	No
9 If "Yes" on line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53.4958-6(c)?		9	

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.

Schedule J (Form 990) 2019

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
Schedule J, Part I, Line 1a	FIRST-CLASS TRAVEL: In accordance with Policy, business class fares are permissible, if budgeted by the organizational unit, and if the flying time is over eight consecutive hours for a single segment or over eight hours flying time where a layover is required. Business class is defined as an intermediate class above economy class but below first class. In all cases individuals are encouraged to purchase upgradeable coach class fares and use miles or coupons to upgrade to business class. Permission to travel business class for medical reasons may be granted by the President. 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 in 2019 including Toshio Fukuda, IEEE President-Elect; Robert Fish, Director & President, Standards Association; Konstantinos Karachalios, Managing Director IEEE Standards; Karen Hawkins, Chief Marketing Officer; and Jean Jennings, Director- International Sales. No part of these reimbursements was treated as taxable compensation.
Schedule J, Part I, Line 3	The IEEE Board of Directors, through its external legal counsel engaged a Compensation Consultant to provide IEEE with market comparability data and a reasonableness recommendation with respect to compensation paid to disqualified persons as defined under Section 4958 of the Internal Revenue Code of 1986 ("Disqualified Persons"), in order to enable IEEE to establish a rebuttable presumption of reasonableness under Section 4958. A committee consisting of the IEEE President, the IEEE Past President, and the IEEE President-Elect (the Executive Performance and Compensation Committee) is charged with evaluating the total compensation package of the IEEE Executive Director who serves as the Chief Operations Officer, and 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 the other selected Disqualified Persons. The Compensation Consultant provided these Committees with 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, other than standard non-retirement benefits. External market comparisons were based on two primary sources of data: (1) Form 990 filings for a group of 16 peer organizations identified by the Compensation Consultant based on various criteria, and (2) published surveys. The peer group for the Form 990 comparisons contains organizations that have international presence, significant publishing activity, are standard-setting organizations, have separate foundations and/or do not focus on contract research. Published survey sources include data from general industry for-profit and not-for-profit sectors, with data from the various industry sectors equally weighted, with for-profit data weighted no more than 50%. Within the published survey data, scope cuts are selected based on IEEE's revenue and/or number of FTEs, where available. Market data are aged by an annualized rate of 3.00%, to a common date of February 1, 2020, to ensure data consistency. The Compensation Consultant advised the Committees that based the Compensation Consultant's analysis, the total rewards packages proposed by IEEE for the Disqualified Persons were within the range of market reasonableness. The Committees used the individual and market data to determine and document their recommendation that total remuneration for the Disqualified Person was market reasonable. The Compensation Consultant also provided correspondence documenting its analysis and recommendations regarding market reasonableness.
Schedule J, Part I, Line 4	b: Stephen Welby, Executive Director is the only participant in a nonqualified, unfunded, deferred compensation plan under section 457(f) of the IRS code. Mr. Welby's Section 457(f) contribution accrual of \$165,503 is reported in Schedule J, Part II, column (c).
Schedule J, Part I, Line 5	a: Jean Jennings \$277,156 Commissions; Paul Canning \$241,577 Commissions; and Francis Stapes \$179,771 Commissions
Schedule J, Part II	Part II, Column B(iii): Other Reportable Compensation includes if applicable, payments related to Vacation Payout, IRS Sec. 457(b) Plan, IRS Sec. 457(f) Plan, Defined Contribution Cash Payout, and Long Term Disability Premiums.

Additional Data

Software ID: 19009572

Software Version: v1.00

EIN: 13-1656633

Name: INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC

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				
1Stephen Welby Asst Secretary & Executive Director	(i)	606,148	190,000	55,235	195,266	500	1,047,149	0
	(ii)	0	0	0	0	0	0	0
1Thomas R Siegert Asst Treasurer & CFO	(i)	426,278	135,830	27,620	37,000	10,210	636,938	0
	(ii)	0	0	0	0	0	0	0
2Mary Ward-Callan Managing Director Tech Activities	(i)	383,095	76,060	53,978	37,000	15,625	565,758	0
	(ii)	0	0	0	0	0	0	0
3Jean Jennings Director of International Sales	(i)	172,008	277,156	54,927	37,000	4,365	545,456	0
	(ii)	0	0	0	0	0	0	0
4Konstantinos Karachalios Managing Director IEEE Standards	(i)	403,516	64,020	36,937	37,000	0	541,473	0
	(ii)	0	0	0	0	0	0	0
5Michael B Forster Managing Director Publications	(i)	354,961	63,770	29,573	30,100	12,950	491,354	0
	(ii)	0	0	0	0	0	0	0
6Paul Canning Regional Sales Manager EMEA	(i)	142,135	241,577	53,655	37,000	11,545	485,912	0
	(ii)	0	0	0	0	0	0	0
7Cherif Amirat Chief Information Officer	(i)	353,364	52,710	13,896	37,000	10,879	467,849	0
	(ii)	0	0	0	0	0	0	0
8Francis Staples Senior Director Global Sales & Customer Operations	(i)	194,768	179,772	30,465	37,000	10,477	452,482	0
	(ii)	0	0	0	0	0	0	0
9Donna Hourican Staff Executive Corp Activities	(i)	312,960	54,270	20,640	37,000	0	424,870	0
	(ii)	0	0	0	0	0	0	0
10Cecelia Jankowski Managing Director Member & Geographic Activities	(i)	307,769	45,000	22,295	37,000	3,902	415,966	0
	(ii)	0	0	0	0	0	0	0
11Karen L Hawkins Chief Marketing Officer	(i)	299,039	52,340	18,362	37,000	5,591	412,332	0
	(ii)	0	0	0	0	0	0	0

Schedule L

(Form 990 or 990-EZ)

Department of the Treasury

Internal Revenue Service

Transactions with Interested Persons

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

OMB No. 1545-0047

2019

Open to Public Inspection

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 section 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 the organization managers or disqualified persons during the year under section 4958. ▶ \$

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

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

(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 Current Key Employee Mary Ward-Callan	95,973	Employment		No

Part V Supplemental Information

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

Return Reference	Explanation
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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.

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

OMB No. 1545-0047

2019

**Open to Public
Inspection**

Employer identification number

13-1656633

990 Schedule O, Supplemental Information

Return Reference	Explanation
Form 990, Part VI, Section A, Line 6	IEEE has a total of 419,007 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	<p>Before the Form 990 is filed with the IRS it is reviewed by the Executive Director, Past President, Treasurer, Past Treasurer, Audit Committee Chair and the CFO/Assistant Treasurer. The return is also reviewed by an external third accounting firm. The return is then posted to a website accessible by the IEEE Board of Directors. Questions and comments from the Board are acted upon.</p>

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 forms 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 IEEE with market comparability data and a reasonableness recommendation with respect to compensation paid to disqualified persons as defined under Section 4958 of the Internal Revenue Code of 1986 ("Disqualified Persons"), in order to enable IEEE to establish a rebuttable presumption of reasonableness under Section 4958. A committee consisting of the IEEE President, the IEEE Past President, and the IEEE President-Elect (the Executive Performance and Compensation Committee) is charged with evaluating the total compensation package of the IEEE Executive Director who serves as the Chief Operations Officer, and 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 the other selected Disqualified Persons. The Compensation Consultant provided these Committees with 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, other than standard non-retirement benefits. External market comparisons were based on two primary sources of data: (1) Form 990 filings for a group of 16 peer organizations identified by the Compensation Consultant based on various criteria, and (2) published surveys. The peer group for the Form 990 comparisons contains organizations that have international presence, significant publishing activity, are standard-setting organizations, have separate foundations and/or do not focus on contract research. Published survey sources include data from general industry for-profit and not-for-profit sectors, with data from the various industry sectors equally weighted, with for-profit data weighted no more than 50%. Within the published survey data, scope cuts are selected based on IEEE's revenue and/or number of FTEs, where available. Market data are aged by an annualized rate of 3.00%, to a common date of February 1, 2020, to ensure data consistency. The Compensation Consultant advised the Committees that based the Compensation Consultant's analysis, the total rewards packages proposed by IEEE for the Disqualified Persons were within the range of market reasonableness. The Committees used the individual and market data to determine and document their recommendation that total remuneration for the Disqualified Person was market reasonable. The Compensation Consultant also provided correspondence documenting its analysis and recommendations regarding market reasonableness.</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 or 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.

990 Schedule O, Supplemental Information

Return Reference	Explanation
Form 990, Part IX, Line 11g	Other fees include temporary agency personnel, independent contractors, consultants, and professionals.

SCHEDULE R
(Form 990)

Department of the Treasury
Internal Revenue Service

Related Organizations and Unrelated Partnerships

▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 33, 34, 35b, 36, or 37.
▶ Attach to Form 990.
▶ Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2019

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	1,322,908	983,778	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	221,573	Institute of Electrical and Electronics Engineers Inc
(3) IEEE Global LLC 445 Hoes Lane Piscataway, NJ 08854 13-1656633	Non-Profit activities - Scientific and Educational	DE	0	31,052	Institute of Electrical and Electronics Engineers Inc
(4) IEEE Worldwide Limited 445 Hoes Lane Piscataway New Jersey, NJ 08854 46-3332937	Non-Profit activities - Scientific & Educational	NY	0	95,864	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	Institute of Electrical and Electronics Engineers Inc	Yes	
(3)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
(4)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	Yes	

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

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Direct controlling entity	(e) Predominant income(related, unrelated, excluded from tax under sections 512- 514)	(f) Share of total income	(g) Share of end-of-year assets	(h) 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	1,541,475	35,260,472	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	0	0	100 %	Yes	
(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	0	100 %	Yes	
(4) IEEE GlobalSpec Inc 201 Fuller Road Suite 202 Albany, NY 12203 14-1816368	Online advertising, website, and catalog engineering	NY	IEEE Inc	C	25,004,406	13,010,847	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.**1** During the tax year, did the organization engage in any of the following transactions with one or more related organizations listed in Parts II-IV?

	Yes	No
a Receipt of (i) interest, (ii) annuities, (iii) royalties, or (iv) rent from a controlled entity	1a 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	No
l Performance of services or membership or fundraising solicitations for related organization(s)	1l Yes	
m Performance of services or membership or fundraising solicitations by related organization(s)	1m	No
n Sharing of facilities, equipment, mailing lists, or other assets with related organization(s)	1n Yes	
o Sharing of paid employees with related organization(s)	1o Yes	
p Reimbursement paid to related organization(s) for expenses	1p Yes	
q Reimbursement paid by related organization(s) for expenses	1q Yes	
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) IEEE Inc	a-i	2,191,472	Accrual
(2) IEEE GlobalSpec Inc	a-i	149,414	Accrual
(3) IEEE Inc	d	42,686,451	Accrual
(4) IEEE GlobalSpec Inc	d	4,115,251	Accrual

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

[illegible]

Part VII

Supplemental Information

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

Return Reference	Explanation