

Form **990-T****Exempt Organization Business Income Tax Return**  
(and proxy tax under section 6033(e))

OMB No 1545-0047

Department of the Treasury  
Internal Revenue Service

For calendar year 2019 or other tax year beginning \_\_\_\_\_, 2019, and ending \_\_\_\_\_, 20

Go to [www.irs.gov/Form990T](http://www.irs.gov/Form990T) for instructions and the latest information

Do not enter SSN numbers on this form as it may be made public if your organization is a 501(c)(3)

**2019**Open to Public Inspection for  
501(c)(3) Organizations OnlyA ☐ Check box if  
address changedName of organization ( ☐ Check box if name changed and see instructions )D **Employer identification number**  
(Employees' trust see instructions)B Exempt under section  
☒ 501(c)(3)  
☐ 408(e) ☐ 220(e)  
☐ 408A ☐ 530(a)  
☐ 529(a)Print  
or  
Type

ELECTRIC POWER RESEARCH INSTITUTE, INC.

Number, street, and room or suite no. If a P.O. box, see instructions

3420 HILLVIEW AVENUE

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

PALO ALTO, CA 94304

23-7175375

E **Unrelated business activity code**  
(See instructions)

54

F **Group exemption number** (See instructions) ▶G **Check organization type** ▶ ☒ 501(c) corporation ☐ 501(c) trust ☐ 401(a) trust ☐ Other trust

H Enter the number of the organization's unrelated trades or businesses ▶ 1 Describe the only (or first) unrelated trade or business here ▶ RESEARCH ACTIVITIES If only one, complete Parts I-V. If more than one, describe the first in the blank space at the end of the previous sentence, complete Parts I and II, complete a Schedule M for each additional trade or business, then complete Parts III-V

During the tax year, was the corporation a subsidiary in an affiliated group or a parent-subsidiary controlled group? . . . . . ☐ Yes ☒ No  
If "Yes," enter the name and identifying number of the parent corporation ▶

The books are in care of ▶ PAMELA J. KEEFE

Telephone number ▶ 650-855-2000

**Part I Unrelated Trade or Business Income**

	(A) Income	(B) Expenses	(C) Net
1a Gross receipts or sales 43,499,980.			
b Less returns and allowances	1c Balance ▶		
2 Cost of goods sold (Schedule A, line 7) . . . . .	2 43,499,980.		
3 Gross profit Subtract line 2 from line 1c . . . . .	3 -1,507,868.		-1,507,868.
4a Capital gain net income (attach Schedule D) . . . . .	4a		
b Net gain (loss) (Form 4797, Part II, line 17) (attach Form 4797) . . . . .	4b		
c Capital loss deduction for trusts . . . . .	4c		
5 Income (loss) from a partnership or an S corporation (attach statement) . . . . .	5		
6 Rent income (Schedule C) . . . . .	6		
7 Unrelated debt-financed income (Schedule E) . . . . .	7		
8 Interest, annuities, royalties, and rents from a controlled organization (Schedule F) . . . . .	8		
9 Investment income of a section 501(c)(7), (9), or (17) organization (Schedule G) . . . . .	9		
10 Exploited exempt activity income (Schedule I) . . . . .	10		
11 Advertising income (Schedule J) . . . . .	11		
12 Other income (See instructions, attach schedule) . . . . .	12		
13 Total. Combine lines 3 through 12 . . . . .	13 -1,507,868.		-1,507,868.

**Part II Deductions Not Taken Elsewhere** (See instructions for limitations on deductions) (Deductions must be directly connected with the unrelated business income)

14 Compensation of officers, directors, and trustees (Schedule K) . . . . .	14	
15 Salaries and wages . . . . .	15	
16 Repairs and maintenance . . . . .	16	
17 Bad debts . . . . .	17	
18 Interest (attach schedule) (see instructions) . . . . .	18	
19 Taxes and licenses . . . . .	19	
20 Depreciation (attach Form 4562) . . . . .	20	450,118.
21 Less depreciation claimed on Schedule A and elsewhere on return . . . . .	21b	450,118.
22 Depletion . . . . .	22	
23 Contributions to deferred compensation plans . . . . .	23	
24 Employee benefit programs . . . . .	24	
25 Excess exempt expenses (Schedule I) . . . . .	25	
26 Excess readership costs (Schedule J) . . . . .	26	
27 Other deductions (attach schedule) . . . . .	27	3,500.
28 Total deductions. Add lines 14 through 27 . . . . .	28	3,500.
29 Unrelated business taxable income before net operating loss deduction Subtract line 28 from line 13 . . . . .	29	-1,511,368.
30 Deduction for net operating loss arising in tax years beginning on or after January 1, 2018 (see instructions) . . . . .	30	
31 Unrelated business taxable income Subtract line 30 from line 29 . . . . .	31	-1,511,368.

For Paperwork Reduction Act Notice, see instructions

Form **990-T** (2019)

**Part III Total Unrelated Business Taxable Income**

32	Total of unrelated business taxable income computed from all unrelated trades or businesses (see instructions)	32	-1,511,368.
33	Amounts paid for disallowed fringes	33	
34	Charitable contributions (see instructions for limitation rules)	34	
35	Total unrelated business taxable income before pre-2018 NOLs and specific deduction Subtract line 34 from the sum of lines 32 and 33	35	-1,511,368.
36	Deduction for net operating loss arising in tax years beginning before January 1, 2018 (see instructions)	36	
37	Total of unrelated business taxable income before specific deduction Subtract line 36 from line 35	37	-1,511,368.
38	Specific deduction (Generally \$1,000, but see line 38 instructions for exceptions)	38	1,000.
39	Unrelated business taxable income. Subtract line 38 from line 37. If line 38 is greater than line 37, enter the smaller of zero or line 37	39	-1,511,368.

**Part IV Tax Computation**

40	Organizations Taxable as Corporations. Multiply line 39 by 21% (0.21)	40	
41	Trusts Taxable at Trust Rates. See instructions for tax computation. Income tax on the amount on line 39 from <input type="checkbox"/> Tax rate schedule or <input type="checkbox"/> Schedule D (Form 1041)	41	
42	Proxy tax. See instructions	42	
43	Alternative minimum tax (trusts only)	43	
44	Tax on Noncompliant Facility Income. See instructions	44	
45	Total. Add lines 42, 43, and 44 to line 40 or 41, whichever applies	45	

**Part V Tax and Payments**

46a	Foreign tax credit (corporations attach Form 1118, trusts attach Form 1116)	46a	
b	Other credits (see instructions)	46b	
c	General business credit. Attach Form 3800 (see instructions)	46c	
d	Credit for prior year minimum tax (attach Form 8801 or 8827)	46d	
e	Total credits. Add lines 46a through 46d	46e	
47	Subtract line 46e from line 45	47	
48	Other taxes. Check if from <input type="checkbox"/> Form 4255 <input type="checkbox"/> Form 8611 <input type="checkbox"/> Form 8697 <input type="checkbox"/> Form 8866 <input type="checkbox"/> Other (attach schedule)	48	
49	Total tax. Add lines 47 and 48 (see instructions)	49	0.
50	2019 net 965 tax liability paid from Form 965-A or Form 965-B, Part II, column (k), line 3	50	
51a	Payments. A 2018 overpayment credited to 2019	51a	
b	2019 estimated tax payments	51b	
c	Tax deposited with Form 8868	51c	
d	Foreign organizations. Tax paid or withheld at source (see instructions)	51d	
e	Backup withholding (see instructions)	51e	
f	Credit for small employer health insurance premiums (attach Form 8941)	51f	
g	Other credits, adjustments, and payments <input type="checkbox"/> Form 2439 <input type="checkbox"/> Form 4136 <input type="checkbox"/> Other Total	51g	
52	Total payments. Add lines 51a through 51g	52	
53	Estimated tax penalty (see instructions). Check if Form 2220 is attached	53	
54	Tax due. If line 52 is less than the total of lines 49, 50, and 53, enter amount owed	54	
55	Overpayment. If line 52 is larger than the total of lines 49, 50, and 53, enter amount overpaid	55	
56	Enter the amount of line 55 you want <input type="checkbox"/> Credited to 2020 estimated tax <input type="checkbox"/> Refunded	56	

**Part VI Statements Regarding Certain Activities and Other Information (see instructions)**

57	At any time during the 2019 calendar year, did the organization have an interest in or a signature or other authority over a financial account (bank, securities, or other) in a foreign country? If "Yes," the organization may have to file FinCEN Form 114, Report of Foreign Bank and Financial Accounts. If "Yes," enter the name of the foreign country here: JP, ES, GB, IE, CA, KR, ZA	Yes	No
58	During the tax year, did the organization receive a distribution from, or was it the grantor of, or transferor to, a foreign trust? If "Yes," see instructions for other forms the organization may have to file		X
59	Enter the amount of tax-exempt interest received or accrued during the tax year \$		

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than taxpayer) is based on all information of which preparer has any knowledge.

Sign Here: Pamela J. Keep Date: 10/14/20 Title: SVP, CFO + Treasurer

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

Paid Preparer Use Only: Print/Type preparer's name: QI WEN LIANG Preparer's signature: Q. Wen Liang Date: 09/30/2020 Check ☐ if self-employed PTIN: P01270238

Firm's name: GRANT THORNTON LLP

Firm's EIN: 36-6055558

Firm's address: 101 CALIFORNIA STREET, SUITE 2700, SAN FRANCISCO, CA 94111

Phone no: 415-986-3900

**Schedule A - Cost of Goods Sold.** Enter method of inventory valuation ►

1	Inventory at beginning of year	1		6	Inventory at end of year	6	
2	Purchases	2		7	Cost of goods sold. Subtract line 6 from line 5. Enter here and in Part I, line 2	7	45,007,848.
3	Cost of labor	3		8	Do the rules of section 263A (with respect to property produced or acquired for resale) apply to the organization?	Yes	No
4a	Additional section 263A costs (attach schedule)	4a					
b	Other costs (attach schedule)**	4b	45,007,848.				
5	Total. Add lines 1 through 4b	5	45,007,848.				X

**Schedule C - Rent Income (From Real Property and Personal Property Leased With Real Property)**

(see instructions) \*\*4B ATCH 2

1. Description of property		
(1)		
(2)		
(3)		
(4)		
2. Rent received or accrued		
(a) From personal property (if the percentage of rent for personal property is more than 10% but not more than 50%)	(b) From real and personal property (if the percentage of rent for personal property exceeds 50% or if the rent is based on profit or income)	3(a) Deductions directly connected with the income in columns 2(a) and 2(b) (attach schedule)
(1)		
(2)		
(3)		
(4)		
Total	Total	(b) Total deductions. Enter here and on page 1, Part I, line 6, column (B) ►
(c) Total income. Add totals of columns 2(a) and 2(b). Enter here and on page 1, Part I, line 6, column (A) . . . . . ►		

**Schedule E - Unrelated Debt-Financed Income** (see instructions)

1. Description of debt-financed property		2. Gross income from or allocable to debt-financed property	3. Deductions directly connected with or allocable to debt-financed property	
			(a) Straight line depreciation (attach schedule)	(b) Other deductions (attach schedule)
(1)				
(2)				
(3)				
(4)				
4. Amount of average acquisition debt on or allocable to debt-financed property (attach schedule)	5. Average adjusted basis of or allocable to debt-financed property (attach schedule)	6. Column 4 divided by column 5	7. Gross income reportable (column 2 x column 6)	8. Allocable deductions (column 6 x total of columns 3(a) and 3(b))
(1)		%		
(2)		%		
(3)		%		
(4)		%		
			Enter here and on page 1, Part I, line 7, column (A)	Enter here and on page 1, Part I, line 7, column (B)
Totals . . . . . ►				
Total dividends-received deductions included in column 8 . . . . . ►				

**Schedule F – Interest, Annuities, Royalties, and Rents From Controlled Organizations** (see instructions)

1 Name of controlled organization	2. Employer identification number	Exempt Controlled Organizations			
		3 Net unrelated income (loss) (see instructions)	4 Total of specified payments made	5 Part of column 4 that is included in the controlling organization's gross income	6 Deductions directly connected with income in column 5
(1)					
(2)					
(3)					
(4)					

### Nonexempt Controlled Organizations

7 Taxable income	8 Net unrelated income (loss) (see instructions)	9 Total of specified payments made	10 Part of column 9 that is included in the controlling organization's gross income	11 Deductions directly connected with income in column 10
(1)				
(2)				
(3)				
(4)				
			Add columns 5 and 10 Enter here and on page 1, Part I, line 8, column (A)	Add columns 6 and 11 Enter here and on page 1, Part I, line 8, column (B)
<b>Totals</b>				

**Schedule G—Investment Income of a Section 501(c)(7), (9), or (17) Organization** (see instructions)

1 Description of income	2 Amount of income	3 Deductions directly connected (attach schedule)	4 Set-asides (attach schedule)	5 Total deductions and set-asides (col 3 plus col 4)
(1)				
(2)				
(3)				
(4)				
<b>Totals</b>	Enter here and on page 1, Part I, line 9, column (A)			Enter here and on page 1, Part I, line 9, column (B)

**Schedule I – Exploited Exempt Activity Income, Other Than Advertising Income** (see instructions)

1 Description of exploited activity	2 Gross unrelated business income from trade or business	3 Expenses directly connected with production of unrelated business income	4 Net income (loss) from unrelated trade or business (column 2 minus column 3) If a gain, compute cols 5 through 7	5 Gross income from activity that is not unrelated business income	6 Expenses attributable to column 5	7 Excess exempt expenses (column 6 minus column 5, but not more than column 4)
(1)						
(2)						
(3)						
(4)						
<b>Totals</b>	Enter here and on page 1, Part I, line 10, col (A)	Enter here and on page 1, Part I, line 10, col (B)				Enter here and on page 1, Part II, line 25

**Schedule J—Advertising Income** (see instructions)

Part I	Income From Periodicals Reported on a Consolidated Basis
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1 Name of periodical	2 Gross advertising income	3 Direct advertising costs	4 Advertising gain or (loss) (col 2 minus col 3) If a gain, compute cols 5 through 7	5 Circulation income	6 Readership costs	7 Excess readership costs (column 6 minus column 5, but not more than column 4)
(1)						
(2)						
(3)						
(4)						
Totals (carry to Part II, line (5))						

**Part II** **Income From Periodicals Reported on a Separate Basis** (For each periodical listed in Part II, fill in columns 2 through 7 on a line-by-line basis.)

1 Name of periodical	2 Gross advertising income	3 Direct advertising costs	4 Advertising gain or (loss) (col 2 minus col 3) If a gain, compute cols 5 through 7	5 Circulation income	6 Readership costs	7 Excess readership costs (column 6 minus column 5, but not more than column 4)
(1)						
(2)						
(3)						
(4)						
<b>Totals from Part I.</b> . . . . . ▶						
<b>Totals, Part II (lines 1-5)</b> . . . . . ▶	Enter here and on page 1, Part I, line 11, col (A)	Enter here and on page 1, Part I, line 11, col (B)				Enter here and on page 1, Part II, line 26

**Schedule K - Compensation of Officers, Directors, and Trustees** (see instructions)

1 Name	2 Title	3 Percent of time devoted to business	4 Compensation attributable to unrelated business
(1)		%	
(2)		%	
(3)		%	
(4)		%	
<b>Total</b> Enter here and on page 1, Part II, line 14 . . . . . ▶			

Form 990-T (2019)

Form **4562****Depreciation and Amortization**  
(Including Information on Listed Property)

OMB No 1545-0172

**2019**Attachment  
Sequence No **179**Department of the Treasury  
Internal Revenue Service (99)▶ Attach to your tax return.  
▶ Go to [www.irs.gov/Form4562](http://www.irs.gov/Form4562) for instructions and the latest information.

Name(s) shown on return

Identifying number  
**23-7175375****ELECTRIC POWER RESEARCH INSTITUTE, INC.**

Business or activity to which this form relates

**GENERAL DEPRECIATION****Part I Election To Expense Certain Property Under Section 179****Note:** If you have any listed property, complete Part V before you complete Part I

1	Maximum amount (see instructions)	1	
2	Total cost of section 179 property placed in service (see instructions)	2	
3	Threshold cost of section 179 property before reduction in limitation (see instructions)	3	
4	Reduction in limitation Subtract line 3 from line 2. If zero or less, enter -0-	4	
5	Dollar limitation for tax year Subtract line 4 from line 1. If zero or less, enter -0- If married filing separately, see instructions	5	
6	(a) Description of property	(b) Cost (business use only)	(c) Elected cost
7	Listed property Enter the amount from line 29	7	
8	Total elected cost of section 179 property Add amounts in column (c), lines 6 and 7	8	
9	Tentative deduction Enter the smaller of line 5 or line 8	9	
10	Carryover of disallowed deduction from line 13 of your 2018 Form 4562	10	
11	Business income limitation Enter the smaller of business income (not less than zero) or line 5 See instructions	11	
12	Section 179 expense deduction Add lines 9 and 10, but don't enter more than line 11	12	
13	Carryover of disallowed deduction to 2020 Add lines 9 and 10, less line 12	13	

**Note** Don't use Part II or Part III below for listed property. Instead, use Part V**Part II Special Depreciation Allowance and Other Depreciation (Don't include listed property See instructions)**

14	Special depreciation allowance for qualified property (other than listed property) placed in service during the tax year See instructions	14	
15	Property subject to section 168(f)(1) election	15	
16	Other depreciation (including ACRS)	16	1,450,118.

**Part III MACRS Depreciation (Don't include listed property See instructions)****Section A**

17	MACRS deductions for assets placed in service in tax years beginning before 2019	17	
18	If you are electing to group any assets placed in service during the tax year into one or more general asset accounts, check here		

**Section B - Assets Placed in Service During 2019 Tax Year Using the General Depreciation System**

(a) Classification of property	(b) Month and year placed in service	(c) Basis for depreciation (business/investment use only - see instructions)	(d) Recovery period	(e) Convention	(f) Method	(g) Depreciation deduction
19a 3-year property						
b 5-year property						
c 7-year property						
d 10-year property						
e 15-year property						
f 20-year property						
g 25-year property			25 yrs		S/L	
h Residential rental property			27 5 yrs	MM	S/L	
i Nonresidential real property			39 yrs	MM	S/L	

**Section C - Assets Placed in Service During 2019 Tax Year Using the Alternative Depreciation System**

20a Class life				S/L	
b 12-year			12 yrs	S/L	
c 30-year			30 yrs	MM	S/L
d 40-year			40 yrs	MM	S/L

**Part IV Summary (See instructions)**

21	Listed property Enter amount from line 28	21	
22	Total Add amounts from line 12, lines 14 through 17, lines 19 and 20 in column (g), and line 21 Enter here and on the appropriate lines of your return Partnerships and S corporations - see instructions	22	1,450,118.
23	For assets shown above and placed in service during the current year, enter the portion of the basis attributable to section 263A costs	23	

For Paperwork Reduction Act Notice, see separate instructions.

Form **4562** (2019)JSA 9x2309 2 000  
01149T 700W

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**Part V Listed Property** (Include automobiles, certain other vehicles, certain aircraft, and property used for entertainment, recreation, or amusement)

**Note:** For any vehicle for which you are using the standard mileage rate or deducting lease expense, complete only 24a, 24b, columns (a) through (c) of Section A, all of Section B, and Section C if applicable.

**Section A - Depreciation and Other Information** (Caution: See the instructions for limits for passenger automobiles)

<b>24a</b> Do you have evidence to support the business/investment use claimed?		Yes	No	<b>24b</b> If "Yes," is the evidence written?		Yes	No	
(a) Type of property (list vehicles first)	(b) Date placed in service	(c) Business/investment use percentage	(d) Cost or other basis	(e) Basis for depreciation (business/investment use only)	(f) Recovery period	(g) Method/Convention	(h) Depreciation deduction	(i) Elected section 179 cost
<b>25</b> Special depreciation allowance for qualified listed property placed in service during the tax year and used more than 50% in a qualified business use. See instructions . . . . .							<b>25</b>	
<b>26</b> Property used more than 50% in a qualified business use								
		%						
		%						
		%						
<b>27</b> Property used 50% or less in a qualified business use								
		%				S/L -		
		%				S/L -		
		%				S/L -		
<b>28</b> Add amounts in column (h), lines 25 through 27. Enter here and on line 21, page 1. . . . .							<b>28</b>	
<b>29</b> Add amounts in column (i), line 26. Enter here and on line 7, page 1. . . . .							<b>29</b>	

**Section B - Information on Use of Vehicles**

Complete this section for vehicles used by a sole proprietor, partner, or other "more than 5% owner," or related person. If you provided vehicles to your employees, first answer the questions in Section C to see if you meet an exception to completing this section for those vehicles.

	(a) Vehicle 1		(b) Vehicle 2		(c) Vehicle 3		(d) Vehicle 4		(e) Vehicle 5		(f) Vehicle 6	
<b>30</b> Total business/investment miles driven during the year (don't include commuting miles) . . .												
<b>31</b> Total commuting miles driven during the year . . .												
<b>32</b> Total other personal (noncommuting) miles driven . . . . .												
<b>33</b> Total miles driven during the year. Add lines 30 through 32 . . . . .												
<b>34</b> Was the vehicle available for personal use during off-duty hours? . . . . .	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
<b>35</b> Was the vehicle used primarily by a more than 5% owner or related person? . . . . .												
<b>36</b> Is another vehicle available for personal use? . . . . .												

**Section C - Questions for Employers Who Provide Vehicles for Use by Their Employees**

Answer these questions to determine if you meet an exception to completing Section B for vehicles used by employees who aren't more than 5% owners or related persons. See instructions.

<b>37</b> Do you maintain a written policy statement that prohibits all personal use of vehicles, including commuting, by your employees? . . . . .	Yes	No
<b>38</b> Do you maintain a written policy statement that prohibits personal use of vehicles, except commuting, by your employees? See the instructions for vehicles used by corporate officers, directors, or 1% or more owners . . . . .		
<b>39</b> Do you treat all use of vehicles by employees as personal use? . . . . .		
<b>40</b> Do you provide more than five vehicles to your employees, obtain information from your employees about the use of the vehicles, and retain the information received? . . . . .		
<b>41</b> Do you meet the requirements concerning qualified automobile demonstration use? See instructions . . . . .		

**Note:** If your answer to 37, 38, 39, 40, or 41 is "Yes," don't complete Section B for the covered vehicles.

**Part VI Amortization**

(a) Description of costs	(b) Date amortization begins	(c) Amortizable amount	(d) Code section	(e) Amortization period or percentage	(f) Amortization for this year
<b>42</b> Amortization of costs that begins during your 2019 tax year (see instructions)					
<b>43</b> Amortization of costs that began before your 2019 tax year . . . . .					<b>43</b>
<b>44</b> Total. Add amounts in column (f). See the instructions for where to report . . . . .					<b>44</b>

ELECTRIG POWER RESEARCH INSTITUTE, INC.

23-7175375

ATTACHMENT 1

FORM 990T - PART II - LINE 28 - TOTAL OTHER DEDUCTIONS

ACCOUNTING FEES

3,500.

PART II - LINE 28 - OTHER DEDUCTIONS

3,500.

ATTACHMENT 2

FORM 990T - SCHEDULE A - LINE 4B - OTHER COSTS

TIME, MATERIALS, OTHER DIRECT EXPENSES AND  
ALLOCATED INDIRECT EXPENSES  
DEPRECIATION

43,557,730.

1,450,118.

TOTAL OTHER COSTS

45,007,848.

## ELECTRIC POWER RESEARCH INSTITUTE

EIN: 23-7175375

FORM 990-T CHARITABLE CONTRIBUTION CARRYOVER STATEMENT  
FOR THE YEAR ENDED 12/31/2019

YEAR	AMOUNT AVAILABLE	AMOUNT UTILIZED	CONVERTED TO NOL CARRYOVER	CARRYOVER TO NEXT YEAR
12/31/2014	1,677,520	-	-	-
12/31/2015	1,113,409			1,113,409
12/31/2016	1,173,506			1,173,506
12/31/2017	1,326,768			1,326,768
12/31/2018	883,500	-	-	883,500
12/31/2019	1,047,995	-	-	1,047,995
Totals	7,222,698	-	-	5,545,178