

Form 5500-SF Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Short Form Annual Return/Report of Small Employee Benefit Plan This form is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA), and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ► Complete all entries in accordance with the instructions to the Form 5500-SF.	OMB Nos. 1210-0110 1210-0089 <div style="border: 1px solid black; text-align: center; padding: 5px; font-weight: bold; font-size: 1.2em;">2022</div> This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>	
A	This return/report is for: <input checked="" type="checkbox"/> a single-employer plan <input type="checkbox"/> a multiple-employer plan (not multiemployer) (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
B	This return/report is <input type="checkbox"/> the first return/report <input type="checkbox"/> the final return/report <input type="checkbox"/> an amended return/report <input type="checkbox"/> a short plan year return/report (less than 12 months)
C	Check box if filing under: <input checked="" type="checkbox"/> Form 5558 <input type="checkbox"/> automatic extension <input type="checkbox"/> DFVC program <input type="checkbox"/> special extension (enter description)
D	If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. <input type="checkbox"/>

Part II	Basic Plan Information —enter all requested information	
1a	Name of plan <u>SCIENTIFIC ELECTRIC CO., INC. DEFINED BENEFIT PENSION PLAN AND TRUST</u>	1b Three-digit plan number (PN) <u>001</u>
		1c Effective date of plan <u>01/01/2013</u>
2a	Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>SCIENTIFIC ELECTRIC CO., INC.</u> <u>1475 EAST 222ND STREET</u> <u>BRONX, NY 10469</u>	2b Employer Identification Number (EIN) <u>13-2514623</u> 2c Sponsor's telephone number <u>718-320-2023</u> 2d Business code (see instructions) <u>238210</u>
3a	Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor.	3b Administrator's EIN 3c Administrator's telephone number
4	If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report. a Sponsor's name c Plan Name	4b EIN 4d PN
5a	Total number of participants at the beginning of the plan year.....	5a <u>29</u>
b	Total number of participants at the end of the plan year	5b <u>33</u>
c	Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	5c
d(1)	Total number of active participants at the beginning of the plan year	5d(1) <u>11</u>
d(2)	Total number of active participants at the end of the plan year	5d(2) <u>12</u>
e	Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	5e <u>0</u>

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including, if applicable, a Schedule SB or Schedule MB completed and signed by an enrolled actuary, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/09/2023	THOMAS JOCELYN
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/09/2023	THOMAS JOCELYN
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor

- 6a** Were all of the plan's assets during the plan year invested in eligible assets? (See instructions.) ☒ Yes ☐ No
- b** Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? (See instructions on waiver eligibility and conditions.) ☒ Yes ☐ No
- If you answered "No" to either line 6a or line 6b, the plan cannot use Form 5500-SF and must instead use Form 5500.**
- c** If the plan is a defined benefit plan, is it covered under the PBGC insurance program (see ERISA section 4021)? ☒ Yes ☐ No ☐ Not determined
- If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 470504. (See instructions.)

Part III Financial Information

7 Plan Assets and Liabilities		(a) Beginning of Year	(b) End of Year
a Total plan assets.....	7a	3798539	2253326
b Total plan liabilities.....	7b		0
c Net plan assets (subtract line 7b from line 7a).....	7c	3798539	2253326
8 Income, Expenses, and Transfers for this Plan Year		(a) Amount	(b) Total
a Contributions received or receivable from:			
(1) Employers.....	8a(1)	350000	
(2) Participants.....	8a(2)		
(3) Others (including rollovers).....	8a(3)		
b Other income (loss).....	8b	-318621	
c Total income (add lines 8a(1), 8a(2), 8a(3), and 8b).....	8c		31379
d Benefits paid (including direct rollovers and insurance premiums to provide benefits).....	8d	1548417	
e Certain deemed and/or corrective distributions (see instructions).....	8e		
f Administrative service providers (salaries, fees, commissions).....	8f		
g Other expenses.....	8g	28175	
h Total expenses (add lines 8d, 8e, 8f, and 8g).....	8h		1576592
i Net income (loss) (subtract line 8h from line 8c).....	8i		-1545213
j Transfers to (from) the plan (see instructions).....	8j		

Part IV Plan Characteristics

- 9a** If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions:
1A 3D
- b** If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:

Part V Compliance Questions

10 During the plan year:		Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? (See instructions and DOL's Voluntary Fiduciary Correction Program).....	10a		X	
b Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.).....	10b		X	
c Was the plan covered by a fidelity bond?.....	10c	X		350000
d Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?.....	10d		X	
e Were any fees or commissions paid to any brokers, agents, or other persons by an insurance carrier, insurance service, or other organization that provides some or all of the benefits under the plan? (See instructions.).....	10e		X	
f Has the plan failed to provide any benefit when due under the plan?.....	10f		X	
g Did the plan have any participant loans? (If "Yes," enter amount as of year-end.).....	10g		X	
h If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.).....	10h			
i If 10h was answered "Yes," check the box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.....	10i			

Part VI Pension Funding Compliance

11 Is this a defined benefit plan subject to minimum funding requirements? (If "Yes," see instructions and complete Schedule SB (Form 5500) and lines 11a and b below.) If this is a defined contribution pension plan, leave line 11 blank and complete line 12 below. ☒ Yes ☐ No

a Enter the unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40..... **11a** 0

b PBGC missed contribution reporting requirements. If the plan is covered by PBGC and the amount reported on line 11a is greater than \$0, has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:

- ☐ Yes.
- ☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.
- ☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.
- ☐ No. Other. Provide explanation _____

12 Is this a defined contribution plan subject to the minimum funding requirements of section 412 of the Code or section 302 of ERISA? ☐ Yes ☐ No
(If "Yes," complete line 12a or lines 12b, 12c, 12d, and 12e below, as applicable.) If this is a defined benefit pension plan, leave line 12 blank and complete line 11 above.

a If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions, and enter the date of the letter ruling granting the waiver.Month Day Year

If you completed line 12a, complete lines 3, 9, and 10 of Schedule MB (Form 5500), and skip to line 13.

b Enter the minimum required contribution for this plan year **12b**

c Enter the amount contributed by the employer to the plan for this plan year **12c**

d Subtract the amount in line 12c from the amount in line 12b. Enter the result (enter a minus sign to the left of a negative amount) **12d**

e Will the minimum funding amount reported on line 12d be met by the funding deadline?..... ☐ Yes ☐ No ☐ N/A

Part VII Plan Terminations and Transfers of Assets

13a Has a resolution to terminate the plan been adopted in any plan year? ☐ Yes ☒ No

If "Yes," enter the amount of any plan assets that reverted to the employer this year..... **13a**

b Were all the plan assets distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?..... ☐ Yes ☒ No

c If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

13c(1) Name of plan(s):	13c(2) EIN(s)	13c(3) PN(s)

SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan <u>SCIENTIFIC ELECTRIC CO., INC. DEFINED BENEFIT PENSION PLAN AND TRUST</u>	B Three-digit plan number (PN) ▶ <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>SCIENTIFIC ELECTRIC CO., INC.</u>	D Employer Identification Number (EIN) <u>13-2514623</u>
E Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B	F Prior year plan size: <input checked="" type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input type="checkbox"/> More than 500

Part I	Basic Information
1 Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2022</u>	
2 Assets:	
a Market value.....	2a <u>3798539</u>
b Actuarial value	2b <u>3798539</u>
3 Funding target/participant count breakdown	
a For retired participants and beneficiaries receiving payment	(1) Number of participants <u>0</u> (2) Vested Funding Target <u>0</u> (3) Total Funding Target <u>0</u>
b For terminated vested participants.....	<u>20</u> <u>1220261</u> <u>1220261</u>
c For active participants.....	<u>13</u> <u>2184342</u> <u>2196808</u>
d Total	<u>33</u> <u>3404603</u> <u>3417069</u>
4 If the plan is in at-risk status, check the box and complete lines (a) and (b)..... <input type="checkbox"/>	
a Funding target disregarding prescribed at-risk assumptions.....	4a
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b
5 Effective interest rate.....	5 <u>5.16</u> %
6 Target normal cost	
a Present value of current plan year accruals.....	6a <u>250663</u>
b Expected plan-related expenses	6b <u>0</u>
c Total (line 6a + line 6b)	6c <u>250663</u>

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE		<u>09/27/2023</u>
	Signature of actuary	Date
<u>DANIEL JOCK</u>	Type or print name of actuary	<u>23-08052</u>
		Most recent enrollment number
<u>CORNERSTONE RETIREMENT INC.</u>	Firm name	<u>413-736-2066</u>
		Telephone number (including area code)
<u>46 DAGGETT DRIVE</u> <u>WEST SPRINGFIELD, MA 01089</u>	Address of the firm	

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions ☐

Part II Beginning of Year Carryover and Prefunding Balances		
	(a) Carryover balance	(b) Prefunding balance
7 Balance at beginning of prior year after applicable adjustments (line 13 from prior year).....	0	40496
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9 Amount remaining (line 7 minus line 8)	0	40496
10 Interest on line 9 using prior year's actual return of <u>12.40</u> %	0	5022
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year).....		0
b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.25</u> %.....		0
b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
c Total available at beginning of current plan year to add to prefunding balance.....		0
d Portion of (c) to be added to prefunding balance.....		0
12 Other reductions in balances due to elections or deemed elections	0	0
13 Balance at beginning of current year (line 9 + line 10 + line 11d – line 12).....	0	45518

Part III Funding Percentages		
14 Funding target attainment percentage	14	109.83 %
15 Adjusted funding target attainment percentage	15	109.83 %
16 Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement.....	16	116.45 %
17 If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.	17	%

Part IV Contributions and Liquidity Shortfalls					
18 Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
03/18/2022	150000	0			
07/12/2023	200000	0			
Totals ►			18(b)	350000	18(c) 0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:	
a Contributions allocated toward unpaid minimum required contributions from prior years.....	19a 0
b Contributions made to avoid restrictions adjusted to valuation date.	19b 0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date.	19c 333656
20 Quarterly contributions and liquidity shortfalls:	
a Did the plan have a "funding shortfall" for the prior year? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? <input type="checkbox"/> Yes <input type="checkbox"/> No	
c If line 20a is "Yes," see instructions and complete the following table as applicable:	
Liquidity shortfall as of end of quarter of this plan year	
(1) 1st	(2) 2nd
(3) 3rd	(4) 4th

Part V	Assumptions Used to Determine Funding Target and Target Normal Cost		
21	Discount rate:		
a	Segment rates:	<div style="display: flex; justify-content: space-around;"> <div>1st segment: 4.75 %</div> <div>2nd segment: 5.18 %</div> <div>3rd segment: 5.92 %</div> </div>	<input type="checkbox"/> N/A, full yield curve used
b	Applicable month (enter code).....	21b	0
22	Weighted average retirement age	22	62
23	Mortality table(s) (see instructions) <input checked="" type="checkbox"/> Prescribed - combined <input type="checkbox"/> Prescribed - separate <input type="checkbox"/> Substitute		
Part VI	Miscellaneous Items		
24	Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
25	Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
26	Demographic and benefit information		
a	Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
b	Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ...		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
27	If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment	27	
Part VII	Reconciliation of Unpaid Minimum Required Contributions For Prior Years		
28	Unpaid minimum required contributions for all prior years.....	28	0
29	Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	29	0
30	Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0
Part VIII	Minimum Required Contribution For Current Year		
31	Target normal cost and excess assets (see instructions):		
a	Target normal cost (line 6c).....	31a	250663
b	Excess assets, if applicable, but not greater than line 31a	31b	250663
32	Amortization installments:	Outstanding Balance	Installment
a	Net shortfall amortization installment	0	0
b	Waiver amortization installment	0	0
33	If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33	
34	Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)....	34	0
	Carryover balance	Prefunding balance	Total balance
35	Balances elected for use to offset funding requirement		
36	Additional cash requirement (line 34 minus line 35)	36	0
37	Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	333656
38	Present value of excess contributions for current year (see instructions)		
a	Total (excess, if any, of line 37 over line 36)	38a	333656
b	Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	0
39	Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0
40	Unpaid minimum required contributions for all years	40	0
Part IX	Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)		
41	If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. <input type="checkbox"/> 2019 <input type="checkbox"/> 2020 <input type="checkbox"/> 2021		

SCHEDULE SB (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</small>	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500 or 5500-SF.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

► **Round off amounts to nearest dollar.**
 ► **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan Scientific Electric Co., Inc. Defined Benefit Pension Plan and Trust	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF Scientific Electric Co., Inc.	D Employer Identification Number (EIN) 13-2514623	
E Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B		
F Prior year plan size: <input checked="" type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input type="checkbox"/> More than 500		

Part I Basic Information			
1 Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2022</u>			
2 Assets:			
a Market value	2a	3,798,539	
b Actuarial value	2b	3,798,539	
3 Funding target/participant count breakdown:	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a For retired participants and beneficiaries receiving payment	0	0	0
b For terminated vested participants	20	1,220,261	1,220,261
c For active participants	13	2,184,342	2,196,808
d Total	33	3,404,603	3,417,069
4 If the plan is in at-risk status, check the box and complete lines (a) and (b) <input type="checkbox"/>			
a Funding target disregarding prescribed at-risk assumptions	4a		
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b		
5 Effective interest rate	5	5.16 %	
6 Target normal cost			
a Present value of current plan year accruals	6a	250,663	
b Expected plan-related expenses	6b	0	
c Total (line 6a + line 6b)	6c	250,663	

Statement by Enrolled Actuary
 To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE	 Signature of actuary Daniel Jock Type or print name of actuary Cornerstone Retirement Inc. Firm name 46 Daggett Drive US West Springfield MA 01089 Address of the firm	09/27/2023 Date 23-08052 Most recent enrollment number (413) 736-2066 Telephone number (including area code)
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Part II Beginning of Year Carryover and Prefunding Balances

	(a) Carryover balance	(b) Prefunding balance
7 Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	40,496
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9 Amount remaining (line 7 minus line 8)	0	40,496
10 Interest on line 9 using prior year's actual return of <u>12.40</u> %	0	5,022
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year)		0
b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.25</u> % ...		0
b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		
c Total available at beginning of current plan year to add to prefunding balance		0
d Portion of (c) to be added to prefunding balance		0
12 Other reductions in balances due to elections or deemed elections	0	0
13 Balance at beginning of current year (line 9 + line 10 + line 11d - line 12)	0	45,518

Part III Funding Percentages

14 Funding target attainment percentage	14	111.16 %
15 Adjusted funding target attainment percentage	15	111.16 %
16 Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	116.45 %
17 If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls

18 Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
03/18/2022	150,000				
07/12/2023	200,000				
Totals ▶ 18(b)				350,000	18(c) 0

19 Discounted employer contributions -- see instructions for small plan with a valuation date after the beginning of the year:	
a Contributions allocated toward unpaid minimum required contributions from prior years	19a 0
b Contributions made to avoid restrictions adjusted to valuation date	19b 0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c 333,656
20 Quarterly contributions and liquidity shortfalls:	
a Did the plan have a "funding shortfall" for the prior year?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner?	<input type="checkbox"/> Yes <input type="checkbox"/> No
c If line 20a is "Yes," see instructions and complete the following table as applicable:	

Liquidity shortfall as of end of quarter of this plan year

(1) 1st	(2) 2nd	(3) 3rd	(4) 4th

Part V Assumptions Used To Determine Funding Target and Target Normal Cost**21** Discount rate:**a** Segment rates:1st segment:
4.75 %2nd segment:
5.18 %3rd segment:
5.92 %☐ N/A, full yield curve used**b** Applicable month (enter code)**21b**

0

22 Weighted average retirement age**22**

62

23 Mortality table(s) (see instructions)☒ Prescribed - combined☐ Prescribed - separate☐ Substitute**Part VI Miscellaneous items****24** Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment☐ Yes ☒ No**25** Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment☐ Yes ☒ No**26** Demographic and benefit information**a** Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment☒ Yes ☐ No**b** Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment☐ Yes ☒ No**27** If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment**27****Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years****28** Unpaid minimum required contributions for all prior years**28****29** Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)**29**

0

30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)**30**

0

Part VIII Minimum Required Contribution For Current Year**31** Target normal cost and excess assets (see instructions):**a** Target normal cost (line 6c)**31a**

250,663

b Excess assets, if applicable, but not greater than line 31a**31b**

250,663

32 Amortization installments:

Outstanding Balance

Installment

a Net shortfall amortization installment

0

0

b Waiver amortization installment

0

0

33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount**33****34** Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)**34**

0

35 Balances elected for use to offset funding requirement

Carryover balance

Prefunding Balance

Total balance

36 Additional cash requirement (line 34 minus line 35)**36**

0

37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)**37**

333,656

38 Present value of excess contributions for current year (see instructions)**a** Total (excess, if any, of line 37 over line 36)**38a**

333,656

b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances**38b**

0

39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)**39**

0

40 Unpaid minimum required contributions for all years**40**

0

Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)**41** If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. ☐ 2019 ☐ 2020 ☐ 2021

Schedule SB, line 26 - Schedule of Active Participant Data

YEARS OF CREDITED SERVICE

Attained Age	Under 1		1 To 4		5 To 9		10 To 14		15 To 19		20 To 24		25 To 29		30 To 34		35 To 39		40 & Up	
	No.	Avg. Comp	No.	Avg. Comp	No.	Avg. Comp	No.	Avg. Comp	No.	Avg. Comp	No.	Avg. Comp	No.	Avg. Comp	No.	Avg. Comp	No.	Avg. Comp	No.	Avg. Comp
Under 25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 to 29	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 to 34	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 to 39	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 to 44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 to 49	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 to 54	0	0	1	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
55 to 59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
60 to 64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 to 69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70 & Up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Name of plan: DEFINED BENEFIT PENSION PLAN AND TRUST
Plan sponsor's name: SCIENTIFIC ELECTRIC CO INC.

Plan number: 001
EIN: 13-2514623

Schedule SB, line 19 - Discounted Employer Contributions

Interest Rates for Contribution Year End Date: 12/31/2022

Effective: 5.16%

Late Quarterly: 10.16%

<u>Effective Date</u>	<u>Amount</u>	<u>Discounted</u>
03/18/2022	\$150,000	\$148,437
07/12/2023	\$200,000	\$185,219
	<hr/>	<hr/>
	\$350,000	\$333,656

Name of Plan: DEFINED BENEFIT PENSION PLAN
Plan Sponsor's EIN: 13-2514623
Plan Number: 001
Plan Sponsor's Name: SCIENTIFIC ELECTRIC CO INC.

Schedule SB, Part V - Summary of Plan Provisions

Eligibility Requirements

Age (yrs) : 21
 Age (months) : 0
 Wait (months) : 12
 Two year eligibility : No

Service/Participation Requirements

Definition of years: Hours worked
 Continuing hours: 1,000
 Excluded classes: Other

Earnings

Total compensation excluding : 403(b)
 Other
 415 prior to participation

<u>Retirement</u>	<u>Normal</u>	<u>Early</u>	<u>Subsidized Early</u>	<u>Disability</u>	<u>Death</u>
Age:	62				
Service:	0				
Participation:	5				
Defined:	Plan valuation date nearest				

Benefit Reduction / Mortality table & setback

Male:	Actuarial Equivalence	Actuarial Equivalence	N/A	0
Female:	Actuarial Equivalence	Actuarial Equivalence	N/A	0
Rates - Male:	N/A	N/A	N/A	
Rates - Female:	N/A	N/A	N/A	

Use Social Security Retirement Age:	No	REACT Benefits Percentage:	0.00%
Vesting Schedule:	2/20	Pre-retirement death benefit	
Vesting Definition:	Hours Worked	Percentage of accrued benefit:	0.00%
		Death Benefit Payment method:	PVAB

	<u>Annuity</u>	<u>Percent</u>	<u>Years</u>
Normal:	Life only	0.00%	0
QJSA:	Joint and contingent	0.00%	0

Significant Changes in Plan Provisions Since Last Valuation

Name of Plan: DEFINED BENEFIT PENSION PLAN AND TRUST
 Plan Sponsor's EIN: 13-2514623
 Plan Number: 001

Schedule SB, Part V - Summary of Plan Provisions

Benefits

Pension Formula:	Group 4		
Type of Formula:	Unit benefit non-integrated		
Effective Date:	01/01/2022		
Unit type:	Percent		
Unit based on:	Service		
Maximum total percent:	0.00%		
Tiers based on:	None		
First tier:	2.00%	for 1st	None
Second tier:	None	for next	None
Third tier:	None	for remaining yrs	
Maximum credit:			
Past years:	99		
Future years:	99		
Total years:	99		

Averaging

Projection method:	Current Compensation	Apply exclusion to accrued benefit:	No
Based on:	Final Average	Annualize short compensation years:	No
Highest:	3	Annualize short plan years:	No
In the last:	0	Include compensations based	
Excluding:	0	on years of:	Accrual

Accrual

Frozen:	No					Fractions based on:	N/A
Definition of years:	Hours worked						
Accrual credit:	<u>Continuing</u>	<u>Died</u>	<u>Disabled</u>	<u>Retired</u>	<u>Terminated</u>	Precision:	N/A
	1000	1000	1000	1000	1000	Limit current credit to:	N/A
Years based on:	Service					Cap/floor years:	0
Maximum past accrual years:	0.0000					Cap or floor:	Floor
Method:	Unit accrual					Accrual % per year:	0.00%
						Apply 415 before accrual:	No

Name of Plan:	DEFINED BENEFIT PENSION PLAN AND TRUST
Plan Sponsor's EIN:	13-2514623
Plan Number:	001

Schedule SB, Part V - Summary of Plan Provisions

Benefits

Pension Formula:	Group 2		
Type of Formula:	Unit benefit non-integrated		
Effective Date:	01/01/2022		
Unit type:	Percent		
Unit based on:	Service		
Maximum total percent:	0.00%		
Tiers based on:	None		
First tier:	8.10%	for 1st	None
Second tier:	None	for next	None
Third tier:	None	for remaining yrs	
Maximum credit:			
Past years:	99		
Future years:	99		
Total years:	99		

Averaging

Projection method:	Current Compensation	Apply exclusion to accrued benefit:	No
Based on:	Final Average	Annualize short compensation years:	No
Highest:	3	Annualize short plan years:	No
In the last:	0	Include compensations based	
Excluding:	0	on years of:	Accrual

Accrual

Frozen:	No					Fractions based on:	N/A
Definition of years:	Hours worked						
Accrual credit:	<u>Continuing</u>	<u>Died</u>	<u>Disabled</u>	<u>Retired</u>	<u>Terminated</u>	Precision:	N/A
	1000	1000	1000	1000	1000	Limit current credit to:	N/A
Years based on:	Service					Cap/floor years:	0
Maximum past accrual years:	0.0000					Cap or floor:	Floor
Method:	Unit accrual					Accrual % per year:	0.00%
						Apply 415 before accrual:	No

Name of Plan:	DEFINED BENEFIT PENSION PLAN AND TRUST
Plan Sponsor's EIN:	13-2514623
Plan Number:	001

Schedule SB, Part V - Summary of Plan Provisions

Benefits

Pension Formula:	E		
Type of Formula:	Unit benefit non-integrated		
Effective Date:	01/01/2013		
Unit type:	Percent		
Unit based on:	Participation		
Maximum total percent:	0.00%		
Tiers based on:	None		
First tier:	0.00%	for 1st	None
Second tier:	None	for next	None
Third tier:	None	for remaining yrs	
Maximum credit:			
Past years:	99		
Future years:	99		
Total years:	99		

Averaging

Projection method:	Current Compensation	Apply exclusion to accrued benefit:	No
Based on:	Final Average	Annualize short compensation years:	No
Highest:	3	Annualize short plan years:	No
In the last:	0	Include compensations based	
Excluding:	0	on years of:	Participation

Accrual

Frozen:	No						
Definition of years:	Hours worked				Fractions based on:	N/A	
Accrual credit:	<u>Continuing</u>	<u>Died</u>	<u>Disabled</u>	<u>Retired</u>	<u>Terminated</u>	Precision:	N/A
	1000	0	0	0	1000	Limit current credit to:	N/A
Years based on:	Participation	Cap/floor years:	0				
Maximum past accrual years:	0.0000	Cap or floor:	Floor				
Method:	Unit accrual	Accrual % per year:	0.00%				
		Apply 415 before accrual:	No				

Name of Plan:	DEFINED BENEFIT PENSION PLAN AND TRUST
Plan Sponsor's EIN:	13-2514623
Plan Number:	001

Schedule SB, Part V - Summary of Plan Provisions

Benefits

Pension Formula:	C		
Type of Formula:	Unit benefit non-integrated		
Effective Date:	01/01/2013		
 Unit type:	Percent		
Unit based on:	Participation		
Maximum total percent:	0.00%		
Tiers based on:	None		
First tier:	0.60%	for 1st	None
Second tier:	None	for next	None
Third tier:	None	for remaining yrs	
 Maximum credit:			
Past years:	99		
Future years:	99		
Total years:	99		

Averaging

Projection method:	Current Compensation	Apply exclusion to accrued benefit:	No
Based on:	Final Average	Annualize short compensation years:	No
Highest:	3	Annualize short plan years:	No
In the last:	0	Include compensations based	
Excluding:	0	on years of:	Accrual

Accrual

Frozen:	No						
Definition of years:	Hours worked				Fractions based on:	N/A	
 Accrual credit:	<u>Continuing</u>	<u>Died</u>	<u>Disabled</u>	<u>Retired</u>	<u>Terminated</u>	Precision:	N/A
	1000	0	0	0	1000	Limit current credit to:	N/A
 Years based on:	Participation			Cap/floor years:	0		
Maximum past accrual years:	0.0000			Cap or floor:	Floor		
Method:	Unit accrual			Accrual % per year:	0.00%		
				Apply 415 before accrual:	No		

Name of Plan:	DEFINED BENEFIT PENSION PLAN AND TRUST
Plan Sponsor's EIN:	13-2514623
Plan Number:	001

Schedule SB, Part V - Summary of Plan Provisions

Benefits

Pension Formula:	Group 1		
Type of Formula:	Unit benefit non-integrated		
Effective Date:	01/01/2013		
Unit type:	Percent		
Unit based on:	Service		
Maximum total percent:	0.00%		
Tiers based on:	None		
First tier:	8.10%	for 1st	None
Second tier:	None	for next	None
Third tier:	None	for remaining yrs	
Maximum credit:			
Past years:	99		
Future years:	99		
Total years:	99		

Averaging

Projection method:	Current Compensation	Apply exclusion to accrued benefit:	No
Based on:	Final Average	Annualize short compensation years:	No
Highest:	3	Annualize short plan years:	No
In the last:	0	Include compensations based	
Excluding:	0	on years of:	Accrual

Accrual

Frozen:	No					Fractions based on:	N/A
Definition of years:	Hours worked						
Accrual credit:	<u>Continuing</u>	<u>Died</u>	<u>Disabled</u>	<u>Retired</u>	<u>Terminated</u>	Precision:	N/A
	1000	1000	1000	1000	1000	Limit current credit to:	N/A
Years based on:	Service					Cap/floor years:	0
Maximum past accrual years:	0.0000					Cap or floor:	Floor
Method:	Unit accrual					Accrual % per year:	0.00%
						Apply 415 before accrual:	No

Name of Plan:	DEFINED BENEFIT PENSION PLAN AND TRUST
Plan Sponsor's EIN:	13-2514623
Plan Number:	001

Schedule SB, Part V - Summary of Plan Provisions

Benefits

Pension Formula:	Group 3		
Type of Formula:	Unit benefit non-integrated		
Effective Date:	01/01/2022		
Unit type:	Percent		
Unit based on:	Service		
Maximum total percent:	0.00%		
Tiers based on:	None		
First tier:	0.60%	for 1st	None
Second tier:	None	for next	None
Third tier:	None	for remaining yrs	
Maximum credit:			
Past years:	99		
Future years:	99		
Total years:	99		

Averaging

Projection method:	Current Compensation	Apply exclusion to accrued benefit:	No
Based on:	Final Average	Annualize short compensation years:	No
Highest:	3	Annualize short plan years:	No
In the last:	0	Include compensations based	
Excluding:	0	on years of:	Accrual

Accrual

Frozen:	No					Fractions based on:	N/A
Definition of years:	Hours worked						
Accrual credit:	<u>Continuing</u>	<u>Died</u>	<u>Disabled</u>	<u>Retired</u>	<u>Terminated</u>	Precision:	N/A
	1000	1000	1000	1000	1000	Limit current credit to:	N/A
Years based on:	Service					Cap/floor years:	0
Maximum past accrual years:	0.0000					Cap or floor:	Floor
Method:	Unit accrual					Accrual % per year:	0.00%
						Apply 415 before accrual:	No

Name of Plan:	DEFINED BENEFIT PENSION PLAN AND TRUST
Plan Sponsor's EIN:	13-2514623
Plan Number:	001

Schedule SB, Part V - Summary of Plan Provisions

Benefits

Pension Formula:	D		
Type of Formula:	Unit benefit non-integrated		
Effective Date:	01/01/2013		
 Unit type:	 Percent		
Unit based on:	Participation		
Maximum total percent:	0.00%		
Tiers based on:	None		
First tier:	2.00%	for 1st	None
Second tier:	None	for next	None
Third tier:	None	for remaining yrs	
 Maximum credit:			
Past years:	99		
Future years:	99		
Total years:	99		

Averaging

Projection method:	Current Compensation	Apply exclusion to accrued benefit:	No
Based on:	Final Average	Annualize short compensation years:	No
Highest:	3	Annualize short plan years:	No
In the last:	0	Include compensations based	
Excluding:	0	on years of:	Participation

Accrual

Frozen:	No					Fractions based on:	N/A
Definition of years:	Hours worked						
 Accrual credit:	<u>Continuing</u>	<u>Died</u>	<u>Disabled</u>	<u>Retired</u>	<u>Terminated</u>	Precision:	N/A
	1000	0	0	0	1000	Limit current credit to:	N/A
 Years based on:	Participation					Cap/floor years:	0
Maximum past accrual years:	0.0000					Cap or floor:	Floor
Method:	Unit accrual					Accrual % per year:	0.00%
						Apply 415 before accrual:	No

Name of Plan:	DEFINED BENEFIT PENSION PLAN AND TRUST
Plan Sponsor's EIN:	13-2514623
Plan Number:	001

Schedule SB, Part V - Summary of Plan Provisions

Benefits

Pension Formula:	Group 5		
Type of Formula:	Unit benefit non-integrated		
Effective Date:	01/01/2022		
Unit type:	Percent		
Unit based on:	Service		
Maximum total percent:	0.00%		
Tiers based on:	None		
First tier:	0.00%	for 1st	None
Second tier:	None	for next	None
Third tier:	None	for remaining yrs	
Maximum credit:			
Past years:	99		
Future years:	99		
Total years:	99		

Averaging

Projection method:	Current Compensation	Apply exclusion to accrued benefit:	No
Based on:	Final Average	Annualize short compensation years:	No
Highest:	3	Annualize short plan years:	No
In the last:	0	Include compensations based	
Excluding:	0	on years of:	Accrual

Accrual

Frozen:	No					Fractions based on:	N/A
Definition of years:	Hours worked						
Accrual credit:	<u>Continuing</u>	<u>Died</u>	<u>Disabled</u>	<u>Retired</u>	<u>Terminated</u>	Precision:	N/A
	1000	1000	1000	1000	1000	Limit current credit to:	N/A
Years based on:	Service					Cap/floor years:	0
Maximum past accrual years:	0.0000					Cap or floor:	Floor
Method:	Unit accrual					Accrual % per year:	0.00%
						Apply 415 before accrual:	No

Name of Plan:	DEFINED BENEFIT PENSION PLAN AND TRUST
Plan Sponsor's EIN:	13-2514623
Plan Number:	001

Schedule SB, Part V - Summary of Plan Provisions

Benefits

Pension Formula:	Group 6		
Type of Formula:	Unit benefit non-integrated		
Effective Date:	01/01/2013		
Unit type:	Percent		
Unit based on:	Service		
Maximum total percent:	0.00%		
Tiers based on:	None		
First tier:	0.60%	for 1st	None
Second tier:	None	for next	None
Third tier:	None	for remaining yrs	
Maximum credit:			
Past years:	99		
Future years:	99		
Total years:	99		

Averaging

Projection method:	Current Compensation	Apply exclusion to accrued benefit:	No
Based on:	Final Average	Annualize short compensation years:	No
Highest:	3	Annualize short plan years:	No
In the last:	0	Include compensations based	
Excluding:	0	on years of:	Accrual

Accrual

Frozen:	No					Fractions based on:	N/A
Definition of years:	Hours worked						
Accrual credit:	<u>Continuing</u>	<u>Died</u>	<u>Disabled</u>	<u>Retired</u>	<u>Terminated</u>	Precision:	N/A
	0	0	0	0	0	Limit current credit to:	N/A
Years based on:	Service					Cap/floor years:	0
Maximum past accrual years:	0.0000					Cap or floor:	Floor
Method:	Unit accrual					Accrual % per year:	0.00%
						Apply 415 before accrual:	No

Name of Plan:	DEFINED BENEFIT PENSION PLAN AND TRUST
Plan Sponsor's EIN:	13-2514623
Plan Number:	001

Schedule B, line 6 - Statement of Actuarial Assumptions/Methods

Payout Method: Funding

Pre-retirement Assumptions:

RPA

Interest: 3.43%
Limited to: 90.00%

Funding:

Interest: 5.50%

Mortality

Male: N/A
Female: N/A

Setback

None
None

Salary Scale

Male: 0.00%
Female: 0.00%

Withdrawal

Male: N/A
Female: N/A

Withdrawal-Select

Male: N/A
Female: N/A

Early Retirement Rates

Male: N/A
Female: N/A

Subsidized Early Retirement Rates

Male: N/A
Female: N/A

Disability Rates

Male: N/A
Female: N/A

Mortality

Male: N/A
Female: N/A

Setback

None
None

Post-retirement Assumptions:

RPA

Interest: 3.43%
High Interest: 3.81%

Funding:

Interest: 5.50%

Mortality

Male: 2022 Applicable
Female: 2022 Applicable

Setback

None
None

Late Retirement Rates

Male: N/A
Female: N/A

Marriage Probability

Male: 0.00%
Female: 0.00%
Expense loading: 0.00%

Setback

0

Cost Methods

Actuarial Cost Method: Individual aggregate
Funding as level: Percent
Normal cost expense load: 0.00%
Funding ages defined as: Nearest
Entry age calculated as of: Apply eligibility provisions
Apply the 401(a)(17) when calculating present value of compensation: No
Adjust valuation assets by:
Accumulated Reconciliation Account: No

Basis for PVAB

Applicable interest: 1.85%
Applicable mortality: 2022 Applicable

Name of Plan: DEFINED BENEFIT PENSION PLAN AND TRUST
Plan Sponsor's EIN: 13-2514623
Plan Number: 001

SCIENTIFIC ELECTRIC CO INC.
DEFINED BENEFIT PENSION PLAN AND TRUST
Plan Specifications - Pension Protection Act Report
Valuation as of 01/01/2022 for the Plan Year Ending 12/31/2022

Target Assumptions:

Male Nonannuitant: 2022 Nonannuitant Male
Female Nonannuitant: 2022 Nonannuitant Female
Male Annuitant: 2022 Annuitant Male
Female Annuitant: 2022 Annuitant Female
Male Optional: 2022 Optional table small plans Male
Female Optional: 2022 Optional table small plans Female

Options:

Use optional combined mortality table for small plans: Yes
Use discount rate transition: No
Lump sums use: Final regulations (IRS & FASB)
Probability of lump sum: 100.00%
Use pre-retirement mortality: No
Shortfall amortization: 7 year
At-risk calculations: System calculations

Funding:

Applicable months from valuation month: 0

	<u>1st</u>	<u>2nd</u>	<u>3rd</u>
Segment rates:	0.88	2.61	3.27
25 year average rates:	3.69	5.45	6.23
Final rates:	4.75	5.18	5.92
Override:	0.00	0.00	0.00

Actuarial Equivalent Floor

Lookback months: 1
Stability period: plan year
Nonannuitant: N/A
Annuitant: 2022 Applicable

	<u>1st</u>	<u>2nd</u>	<u>3rd</u>
Current:	1.16	2.72	3.10
Override:	0.00	0.00	0.00