

**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

**2023**

**This Form is Open to Public Inspection**

**Part I Annual Report Identification Information**

For calendar plan year 2023 or fiscal plan year beginning 07/01/2023 and ending 06/30/2024

- A** This return/report is for:  a single-employer plan  a multiple-employer plan (not multiemployer) (Pension Plan filers checking this box must attach Schedule MEP. Other plans must attach a list of participating employer information in accordance with the form instructions.)
- B** This return/report is  the first return/report  the final return/report  
 an amended return/report  a short plan year return/report (less than 12 months)
- C** Check box if filing under:  Form 5558  automatic extension  DFVC program  
 special extension (enter description)
- D** If the plan is a collectively-bargained plan, check here ..... ▶
- E** If this is a retroactively adopted plan permitted by SECURE Act section 201, check here ..... ▶

**Part II Basic Plan Information—enter all requested information**

<b>1a</b> Name of plan THE RETIREMENT PLAN OF GREEN TECH HIGH CHARTER SCHOOL		<b>1b</b> Three-digit plan number (PN) ▶ 002
<b>2a</b> 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) GREEN TECH HIGH CHARTER SCHOOL  99 SLINGERLAND STREET ALBANY, NY 12202		<b>1c</b> Effective date of plan 07/01/2020
<b>3a</b> Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor.		<b>2b</b> Employer Identification Number (EIN) 20-5549824
<b>4</b> 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. <b>a</b> Sponsor's name <b>c</b> Plan Name		<b>2c</b> Sponsor's telephone number 518-694-3400
<b>5a</b> Total number of participants at the beginning of the plan year .....		<b>2d</b> Business code (see instructions) 611000
<b>b</b> Total number of participants at the end of the plan year.....		<b>3b</b> Administrator's EIN
<b>c(1)</b> Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) .....		<b>3c</b> Administrator's telephone number
<b>c(2)</b> Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) .....		<b>4b</b> EIN
<b>d(1)</b> Total number of active participants at the beginning of the plan year.....		<b>4d</b> PN
<b>d(2)</b> Total number of active participants at the end of the plan year.....		<b>5a</b> 57
<b>e</b> Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		<b>5b</b> 55
		<b>5c(1)</b>
		<b>5c(2)</b>
		<b>5d(1)</b> 45
		<b>5d(2)</b> 35
		<b>5e</b> 8

**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.	04/15/2025	DR. KIMBERLY DAVIS
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	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 534597. (See instructions.)

<b>Part III Financial Information</b>			
<b>7</b> Plan Assets and Liabilities		<b>(a) Beginning of Year</b>	<b>(b) End of Year</b>
<b>a</b> Total plan assets .....	<b>7a</b>	665433	895373
<b>b</b> Total plan liabilities .....	<b>7b</b>		
<b>c</b> Net plan assets (subtract line 7b from line 7a) .....	<b>7c</b>	665433	895373
<b>8</b> Income, Expenses, and Transfers for this Plan Year		<b>(a) Amount</b>	<b>(b) Total</b>
<b>a</b> Contributions received or receivable from:			
<b>(1)</b> Employers .....	<b>8a(1)</b>	196709	
<b>(2)</b> Participants .....	<b>8a(2)</b>		
<b>(3)</b> Others (including rollovers) .....	<b>8a(3)</b>		
<b>b</b> Other income (loss) .....	<b>8b</b>	39492	
<b>c</b> Total income (add lines 8a(1), 8a(2), 8a(3), and 8b) .....	<b>8c</b>		236201
<b>d</b> Benefits paid (including direct rollovers and insurance premiums to provide benefits) .....	<b>8d</b>		
<b>e</b> Certain deemed and/or corrective distributions (see instructions) .	<b>8e</b>		
<b>f</b> Administrative service providers (salaries, fees, commissions) .....	<b>8f</b>		
<b>g</b> Other expenses .....	<b>8g</b>	6261	
<b>h</b> Total expenses (add lines 8d, 8e, 8f, and 8g) .....	<b>8h</b>		6261
<b>i</b> Net income (loss) (subtract line 8h from line 8c) .....	<b>8i</b>		229940
<b>j</b> Transfers to (from) the plan (see instructions) .....	<b>8j</b>		

<b>Part IV Plan Characteristics</b>	
<b>9a</b>	If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions: <u>1A 3D</u>
<b>b</b>	If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:

<b>Part V Compliance Questions</b>				
<b>10</b> During the plan year:		<b>Yes</b>	<b>No</b>	<b>Amount</b>
<b>a</b> Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program) .....	<b>10a</b>		X	
<b>b</b> Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.) .....	<b>10b</b>		X	
<b>c</b> Was the plan covered by a fidelity bond? .....	<b>10c</b>	X		250000
<b>d</b> Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty? .....	<b>10d</b>		X	
<b>e</b> 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.) .....	<b>10e</b>		X	
<b>f</b> Has the plan failed to provide any benefit when due under the plan? .....	<b>10f</b>		X	
<b>g</b> Did the plan have any participant loans? (If "Yes," enter amount as of year-end.) .....	<b>10g</b>		X	
<b>h</b> If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.) .....	<b>10h</b>			
<b>i</b> 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 .....	<b>10i</b>			

**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

**a** 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)

**Part VIII IRS Compliance Questions**

**14a** Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules?  Yes  No

**14b** If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2).  
 Design-based safe harbor method  
 "Prior year" ADP test  
 "Current year" ADP test  
 N/A

**15** If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter 02/28/2023 (MM/DD/YYYY) and the Opinion Letter serial number Q705374A.

<b>SCHEDULE SB</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Single-Employer Defined Benefit Plan</b> <b>Actuarial Information</b>  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).  <b>▶ File as an attachment to Form 5500 or 5500-SF.</b>	<small>OMB No. 1210-0110</small>  <b>2023</b>  <b>This Form is Open to Public Inspection</b>
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For calendar plan year 2023 or fiscal plan year beginning 07/01/2023 and ending 06/30/2024

▶ **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.

<b>A</b> Name of plan <u>THE RETIREMENT PLAN OF GREEN TECH HIGH CHARTER SCHOOL</u>	<b>B</b> Three-digit plan number (PN) ▶	<u>002</u>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>GREEN TECH HIGH CHARTER SCHOOL</u>	<b>D</b> Employer Identification Number (EIN) <u>20-5549824</u>	
<b>E</b> Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B	<b>F</b> 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**

<b>1</b>	Enter the valuation date: Month <u>07</u> Day <u>01</u> Year <u>2023</u>		
<b>2</b>	Assets:		
	<b>a</b> Market value .....	<b>2a</b>	<u>659859</u>
	<b>b</b> Actuarial value .....	<b>2b</b>	<u>659859</u>
<b>3</b>	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target
	<b>a</b> For retired participants and beneficiaries receiving payment .....	<u>0</u>	<u>0</u>
	<b>b</b> For terminated vested participants .....	<u>12</u>	<u>173144</u>
	<b>c</b> For active participants .....	<u>45</u>	<u>509906</u>
	<b>d</b> Total .....	<u>57</u>	<u>683050</u>
<b>4</b>	If the plan is in at-risk status, check the box and complete lines (a) and (b) .....		
	<b>a</b> Funding target disregarding prescribed at-risk assumptions .....	<b>4a</b>	
	<b>b</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 .....	<b>4b</b>	
<b>5</b>	Effective interest rate .....	<b>5</b>	<u>5.55 %</u>
<b>6</b>	Target normal cost		
	<b>a</b> Present value of current plan year accruals .....	<b>6a</b>	<u>157868</u>
	<b>b</b> Expected plan-related expenses .....	<b>6b</b>	<u>0</u>
	<b>c</b> Target normal cost .....	<b>6c</b>	<u>157868</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.

<b>SIGN HERE</b>		
	Signature of actuary	<u>03/25/2025</u>
	<u>MICHAEL T. ALBINO</u>	Date
	Type or print name of actuary	<u>23-07074</u>
	<u>BPAS ACTUARIAL &amp; PENSION SERVICES</u>	Most recent enrollment number
	Firm name	<u>315-703-8995</u>
	<u>706 N. CLINTON STREET</u> <u>SUITE 200</u> <u>SYRACUSE, NY 13204</u>	Telephone number (including area code)
	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

<b>Part II Beginning of Year Carryover and Prefunding Balances</b>		(a) Carryover balance	(b) Prefunding balance
<b>7</b>	Balance at beginning of prior year after applicable adjustments (line 13 from prior year) .....	0	0
<b>8</b>	Portion elected for use to offset prior year's funding requirement (line 35 from prior year) .....	0	0
<b>9</b>	Amount remaining (line 7 minus line 8) .....	0	0
<b>10</b>	Interest on line 9 using prior year's actual return of <u>1.52</u> % .....	0	0
<b>11</b>	Prior year's excess contributions to be added to prefunding balance:		
<b>a</b>	Present value of excess contributions (line 38a from prior year) .....		0
<b>b(1)</b>	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>5.75</u> % .....		0
<b>b(2)</b>	Interest on line 38b from prior year Schedule SB, using prior year's actual return .....		0
<b>c</b>	Total available at beginning of current plan year to add to prefunding balance .....		0
<b>d</b>	Portion of (c) to be added to prefunding balance .....		0
<b>12</b>	Other reductions in balances due to elections or deemed elections .....	0	0
<b>13</b>	Balance at beginning of current year (line 9 + line 10 + line 11d - line 12) .....	0	0

<b>Part III Funding Percentages</b>			
<b>14</b>	Funding target attainment percentage .....	<b>14</b>	80.43 %
<b>15</b>	Adjusted funding target attainment percentage .....	<b>15</b>	80.43 %
<b>16</b>	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement .....	<b>16</b>	85.76 %
<b>17</b>	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage .....	<b>17</b>	%

<b>Part IV Contributions and Liquidity Shortfalls</b>		<b>18 Contributions made to the plan for the plan year by employer(s) and employees:</b>			
(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
10/15/2023	60000	0			
03/11/2024	5238	0			
04/03/2024	32619	0			
07/16/2024	32619	0			
10/15/2024	43233	0			
03/03/2025	23000	0			
<b>Totals ▶</b>			<b>18(b)</b>	196709	<b>18(c)</b> 0

**19** Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:

<b>a</b> Contributions allocated toward unpaid minimum required contributions from prior years .....	<b>19a</b>	0
<b>b</b> Contributions made to avoid restrictions adjusted to valuation date .....	<b>19b</b>	0
<b>c</b> Contributions allocated toward minimum required contribution for current year adjusted to valuation date .....	<b>19c</b>	187564

**20** Quarterly contributions and liquidity shortfalls:

**a** Did the plan have a "funding shortfall" for the prior year?  Yes  No

**b** If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner?  Yes  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: 5.00 %	3rd segment: 5.74 %	<input type="checkbox"/> N/A, full yield curve used
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**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** 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** 157868

**b** Excess assets, if applicable, but not greater than line 31a ..... **31b** 0

**32** Amortization installments:

	Outstanding Balance	Installment
<b>a</b> Net shortfall amortization installment .....	160543	15065
<b>b</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** 172933

	Carryover balance	Prefunding balance	Total balance
<b>35</b> Balances elected for use to offset funding requirement .....	0	0	0
<b>36</b> Additional cash requirement (line 34 minus line 35).....			<b>36</b> 172933
<b>37</b> Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....			<b>37</b> 187564

**38** Present value of excess contributions for current year (see instructions)

**a** Total (excess, if any, of line 37 over line 36) ..... **38a** 14631

**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

The Retirement Plan of Green Tech High Charter School  
 Schedule SB, Line 26 - Schedule of Active Participant Data  
 EIN/PN: 20-5549824/002

Attained Age	Years of Credited Service										Summary
	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	
<b>Under 25</b>	0	1	0	0	0	0	0	0	0	0	1
<b>25 to 29</b>	0	5	0	0	0	0	0	0	0	0	5
<b>30 to 34</b>	0	3	5	1	0	0	0	0	0	0	9
<b>35 to 39</b>	0	2	1	0	0	0	0	0	0	0	3
<b>40 to 44</b>	0	4	1	1	0	0	0	0	0	0	6
<b>45 to 49</b>	0	1	2	0	0	0	0	0	0	0	3
<b>50 to 54</b>	0	6	1	2	0	0	0	0	0	0	9
<b>55 to 59</b>	0	1	2	1	0	0	0	0	0	0	4
<b>60 to 64</b>	0	0	0	0	0	0	0	0	0	0	0
<b>65 to 69</b>	0	3	1	1	0	0	0	0	0	0	5
<b>70 &amp; up</b>	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	0	26	13	6	0	0	0	0	0	0	45

## Actuarial Assumptions and Methods

The valuation of a defined benefit pension plan involves estimates and assumptions about the probability of events occurring far into the future. Examples include assumptions about future employment, mortality, and retirement. Below is a description of the actuarial assumptions and methods used in the valuation.

### Funding Target Liability

**Valuation Date:** July 1, 2023

**Demographic Information:** The demographic information was provided as of July 1, 2023 by Green Tech High Charter School. Although we did not audit the data, we did review the data for reasonableness.

**Actuarial Cost Method:** As required by PPA, the Traditional Unit Credit Cost Method was used.

**Asset Valuation Method:** Market Value of Assets

**Anticipated Rate of Return on Plan Assets:** 7.00%, based on a review of the Plan's asset allocation, investment policy (as shown in the annual funding notice), and expected returns using recent capital market assumptions published by leading financial organizations.

**Actuarial Valuation Software:** For purposes of developing the projected future benefit payments as well as determining attributed liabilities and normal costs as of the valuation date, we utilized the ProVal software platform developed by Winklevoss Technologies. We believe this externally developed valuation system is appropriate, was used for its intended purpose, and did not produce unreasonable results.

**Interest Rates for Minimum Required Contribution:** The July 2023 funding segment rates were utilized as prescribed by IRC Section 430(h) and elected by Green Tech High Charter School. Below, please find the segment rates after reflection of the segment rate stabilization provisions of IRC Section 430(h)(2)(C)(iv) with regard to provisions provided under Section 9706 of the American Rescue Plan Act of 2021.

Segment	Interest Rate
Segment 1	4.75%
Segment 2	5.00%
Segment 3	5.74%

Effective Interest Rate
5.55%

Segment 1 is applied to benefit payments expected to be made in the first 5 years, segment 2 is applied to benefit payments expected to be made in the next 15 years and segment 3 is applied thereafter.

**Interest Rates without reflection of the segment rate stabilization provisions of IRC Section 430(h)(2)(C)(iv):** Below, please find the segment rates without reflection of the segment rate stabilization provisions of IRC Section 430(h)(2)(C)(iv). These rates were utilized to determine the low-default risk obligation measurement (“LDRM”) of the accrued benefits as of the Valuation Date.

Segment	Interest Rate
Segment 1	3.22%
Segment 2	4.22%
Segment 3	4.34%

Effective Interest Rate
4.31%

Segment 1 is applied to benefit payments expected to be made in the first 5 years, segment 2 is applied to benefit payments expected to be made in the next 15 years and segment 3 is applied thereafter.

**Rate of Compensation Increase:** Salaries are assumed to increase at 3.00% per year, based the Plan Sponsor’s review of historical experience as well as future expectations.

**Pre-Retirement Mortality:** Pre-retirement mortality was deemed to be immaterial and therefore was not assumed in the valuation.

**Post-Retirement Mortality:**

*Base mortality table:* The sex distinct RP-2014 mortality tables for employees and healthy annuitants, adjusted backward to 2006 with Scale MP-2014.

*Mortality improvements:* The base mortality table is adjusted by projecting mortality improvements using Scale MP-2021 from the year 2006 through 2023, with an additional projection period of 8 years for males and 9 years for females. For ages below 80, the additional projection period is increased by 1 year for each year below age 80. For ages above 80, the additional projection period is reduced (but not below zero) by 1/3 year for each year above 80.

**Retirement Incidence:** Participants are assumed to return at the earlier of age 62 or the attainments of age 55 and 30 years of vesting service.

**Turnover:** Rates of turnover were not assumed.

**Administrative Expenses:** Actual plan expenses, not including investment advisory fees, paid out of the trust during the previous plan year rounded to the nearest thousand.

**Form of Benefit:** The assumed form of benefit was based on the Plan provisions and client expectations.

Retirement: Life annuity at normal retirement age.

All assumptions used in determining the low-default risk obligation measurement were consistent with those used in determining the Funding Target Liability, except the interest rates which were disclosed above.

<b>SCHEDULE SB</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Single-Employer Defined Benefit Plan</b> <b>Actuarial Information</b>  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).  <b>▶ File as an attachment to Form 5500 or 5500-SF.</b>	<small>OMB No. 1210-0110</small>  <b>2023</b>  <b>This Form is Open to Public Inspection</b>
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For calendar plan year 2023 or fiscal plan year beginning 07/01/2023 and ending 06/30/2024

▶ **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.

<b>A</b> Name of plan The Retirement Plan of Green Tech High Charter School	<b>B</b> Three-digit plan number (PN) ▶	002
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF Green Tech High Charter School	<b>D</b> Employer Identification Number (EIN) 20-5549824	
<b>E</b> Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B	<b>F</b> 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			
<b>1</b> Enter the valuation date:	Month <u>07</u> Day <u>01</u> Year <u>2023</u>		
<b>2</b> Assets:			
<b>a</b> Market value.....	<b>2a</b>		659,859
<b>b</b> Actuarial value.....	<b>2b</b>		659,859
<b>3</b> Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
<b>a</b> For retired participants and beneficiaries receiving payment.....	0	0	0
<b>b</b> For terminated vested participants.....	12	173,144	173,144
<b>c</b> For active participants.....	45	509,906	647,258
<b>d</b> Total.....	57	683,050	820,402
<b>4</b> If the plan is in at-risk status, check the box and complete lines (a) and (b)..... <input type="checkbox"/>			
<b>a</b> Funding target disregarding prescribed at-risk assumptions.....	<b>4a</b>		
<b>b</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.....	<b>4b</b>		
<b>5</b> Effective interest rate.....	<b>5</b>		5.55%
<b>6</b> Target normal cost			
<b>a</b> Present value of current plan year accruals.....	<b>6a</b>		157,868
<b>b</b> Expected plan-related expenses.....	<b>6b</b>		0
<b>c</b> Target normal cost.....	<b>6c</b>		157,868

**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.

<b>SIGN HERE</b>	Michael T. Albino Signature of actuary	03/25/2025 Date
	Michael T. Albino Type or print name of actuary	2307074 Most recent enrollment number
	BPAS Actuarial & Pension Services Firm name	315-703-8995 Telephone number (including area code)
	706 N. Clinton Street Suite 200 Syracuse NY 13204 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
<b>7</b> Balance at beginning of prior year after applicable adjustments (line 13 from prior year).....	0	0
<b>8</b> Portion elected for use to offset prior year's funding requirement (line 35 from prior year).....	0	0
<b>9</b> Amount remaining (line 7 minus line 8).....	0	0
<b>10</b> Interest on line 9 using prior year's actual return of <u>1.52%</u> .....	0	0
<b>11</b> Prior year's excess contributions to be added to prefunding balance:		
<b>a</b> Present value of excess contributions (line 38a from prior year).....		0
<b>b(1)</b> 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>5.75%</u> .....		0
<b>b(2)</b> Interest on line 38b from prior year Schedule SB, using prior year's actual return.....		0
<b>c</b> Total available at beginning of current plan year to add to prefunding balance.....		0
<b>d</b> Portion of (c) to be added to prefunding balance.....		0
<b>12</b> Other reductions in balances due to elections or deemed elections.....	0	0
<b>13</b> Balance at beginning of current year (line 9 + line 10 + line 11d - line 12).....	0	0

**Part III Funding Percentages**

<b>14</b> Funding target attainment percentage.....	<b>14</b>	80.43 %
<b>15</b> Adjusted funding target attainment percentage.....	<b>15</b>	80.43 %
<b>16</b> Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement.....	<b>16</b>	85.76 %
<b>17</b> If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage. ....	<b>17</b>	%

**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
10/15/2023	60,000	0			
03/11/2024	5,238	0			
04/03/2024	32,619	0			
07/16/2024	32,619	0			
10/15/2024	43,233	0			
03/03/2025	23,000	0			
			<b>Totals ▶</b>	<b>18(b)</b> 196,709	<b>18(c)</b> 0

**19** Discounted employer contributions - see instructions for small plan with a valuation date after the beginning of the year:

<b>a</b> Contributions allocated toward unpaid minimum required contributions from prior years.....	<b>19a</b>	0
<b>b</b> Contributions made to avoid restrictions adjusted to valuation date.....	<b>19b</b>	0
<b>c</b> Contributions allocated toward minimum required contribution for current year adjusted to valuation date.....	<b>19c</b>	187,564

**20** Quarterly contributions and liquidity shortfalls:

- a** Did the plan have a "funding shortfall" for the prior year?  Yes  No
- b** If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner?  Yes  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**

<b>21</b> Discount rate:				
<b>a</b> Segment rates:	1st segment: 4.75 %	2nd segment: 5.00 %	3rd segment: 5.74 %	<input type="checkbox"/> N/A, full yield curve used
<b>b</b> Applicable month (enter code).....				<b>21b</b> 0
<b>22</b> Weighted average retirement age .....				<b>22</b> 62
<b>23</b> Mortality table(s) (see instructions)	<input type="checkbox"/> Prescribed - combined	<input checked="" type="checkbox"/> Prescribed - separate	<input type="checkbox"/> Substitute	

**Part VI Miscellaneous Items**

<b>24</b> 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
<b>25</b> 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
<b>26</b> Demographic and benefit information		
<b>a</b> 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>b</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
<b>27</b> If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment.....	<b>27</b>	

**Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years**

<b>28</b> Unpaid minimum required contributions for all prior years.....	<b>28</b>	0
<b>29</b> Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a).....	<b>29</b>	0
<b>30</b> Remaining amount of unpaid minimum required contributions (line 28 minus line 29).....	<b>30</b>	0

**Part VIII Minimum Required Contribution For Current Year**

<b>31</b> Target normal cost and excess assets (see instructions):			
<b>a</b> Target normal cost (line 6c).....	<b>31a</b>	157,868	
<b>b</b> Excess assets, if applicable, but not greater than line 31a .....	<b>31b</b>	0	
<b>32</b> Amortization installments:	Outstanding Balance		Installment
<b>a</b> Net shortfall amortization installment .....	160,543		15,065
<b>b</b> Waiver amortization installment .....	0		0
<b>33</b> 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.....	<b>33</b>		
<b>34</b> Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)....	<b>34</b>	172,933	
		Carryover balance	Prefunding balance
<b>35</b> Balances elected for use to offset funding requirement.....		0	0
<b>36</b> Additional cash requirement (line 34 minus line 35).....	<b>36</b>	172,933	
<b>37</b> Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....	<b>37</b>	187,564	
<b>38</b> Present value of excess contributions for current year (see instructions)			
<b>a</b> Total (excess, if any, of line 37 over line 36)	<b>38a</b>	14,631	
<b>b</b> Portion included in line 38a attributable to use of prefunding and funding standard carryover balances .....	<b>38b</b>	0	
<b>39</b> Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37).....	<b>39</b>	0	
<b>40</b> Unpaid minimum required contributions for all years.....	<b>40</b>	0	

**Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)**

<b>41</b> 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
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The Retirement Plan of Green Tech High Charter School  
Schedule SB, Line 22 – Description of Weighted Average Retirement Age  
EIN/PN: 20-5549824/002

Participants are assumed to retire at the earlier of age 62 or the attainment of age 55 and 30 years of vesting service.

The Retirement Plan of Green Tech High Charter School  
Schedule SB, Line 19 - Discounted Employer Contributions  
EIN/PN: 20-5549824/002

Date Due	Date Made	Plan year	Contribution Amount	Applicable Effective Interest Rate	Interest Adjusted Contribution
10/15/2023	10/15/2023	2023	\$32,619	5.55%	\$32,109
01/15/2024	10/15/2023	2023	\$27,381	5.55%	\$26,953
01/15/2024	03/11/2024	2023	\$4,866	10.55%	\$4,654
04/15/2024	03/11/2024	2023	\$372	5.55%	\$358
04/15/2024	04/03/2024	2023	\$32,173	5.55%	\$30,896
07/15/2024	04/03/2024	2023	\$446	5.55%	\$428
07/15/2024	07/16/2024	2023	\$32,166	10.55%	\$30,398
03/15/2025	07/16/2024	2023	\$453	5.55%	\$428
03/15/2025	10/15/2024	2023	\$43,233	5.55%	\$40,320
03/15/2025	03/03/2025	2023	\$23,000	5.55%	\$21,020
<b>Totals</b>			\$196,709		\$187,564

## Plan Provisions

This summary is intended as an outline of plan provisions and does not alter the intent or meaning of the provisions contained in the plan document.

**Plan Sponsor:** Green Tech High Charter School  
**EIN/PN:** 20-5549824/002

**Effective Date** July 1, 2020, amended effective October 1, 2022 to include a prior service benefit.

**Vesting Service:** An employee receives a year of vesting service for each plan year, starting with their plan year of hire, in which they complete at least 1,000 hours of service.

Eligibility: Vested Percentage is determined in accordance with the following table:

<u>Years of Vested Service</u>	<u>Vested Percentage</u>
Less than 5	0%
5 or more	100%

**Credited Service:** An employee receives a year of Credited Service for each plan year in which they complete at least 1,000 hours of service, starting with their year of hire.

**Compensation:** Plan compensation means the average basic annual earnings for the five consecutive years within the final ten consecutive years of credited service which produce the highest average.

### Eligibility:

**Participation** Age 21 with one Year of Service.

**Normal Retirement** The first day of the calendar month coincident with or next following the attainment of age 62.

**Early Retirement** Age 55 with at least five Years of Vesting Service.

**Vested Termination** Five Years of Service or Age 62, regardless of Service.

**Death Benefit** Five Years of Service or Age 62, regardless of Service.

**Amount of Pension:**

**Normal Retirement** 0.50% of Plan Compensation multiplied by the participant's Credited Service earned prior to July 1, 2020, plus 1.00% of Plan Compensation multiplied by the participant's Credited Service earned after July 1, 2020.

**Early Retirement** A participant who at the time of termination of service has attained age 55 and completed 30 years of Vesting Service is entitled to their unreduced Normal Retirement Benefit payable as early as the first of the month coincident with or next following their date of termination.

In all other cases, the Normal Retirement Benefit accrued to date of termination of service, reduced in accordance with the following table:

Commencement Age	Reduction To Normal Retirement Benefit
55	27%
56	24%
57	21%
58	18%
59	15%
60	12%
61	6%

**Vested Termination** Normal Retirement Pension based on Years of Service and Compensation up to date of termination. Benefits may commence prior to normal retirement under the early retirement provisions.

**Death Benefit** All vested participants who die prior to the commencement of their benefits will be provided a death benefit equivalent to their accrued benefit, payable to their beneficiary.

If a vested participant dies, their surviving spouse (if married) or other beneficiary shall be entitled to a life annuity equal in actuarial value to the participant's vested accrued benefit. Benefits commence at the earliest date the participant could have retired, had they survived, under the Plan.

**Forms of Benefit:**

**Normal** Single Life Annuity.

**Optional Forms** Joint and survivor (50% or 100%)  
120 payments certain and life thereafter  
Lump Sum, limited to a maximum distribution of \$5,000

The Retirement Plan of Green Tech High Charter School  
 Schedule SB, Line 32 - Schedule of Amortization Bases  
 EIN/PN: 20-5549824/002

Amortization Schedule as of July 1, 2023					
Year Established	Initial Period	Initial Amount	Remaining Period	Remaining Amount	Annual Payment
2023	15 Years	\$ 78,905	15 Years	\$ 78,905	\$ 7,226
2022	15 Years	\$ 84,826	14 Years	\$ 81,638	\$ 7,839
Total				\$ 160,543	\$ 15,065