

Please remember to sign the Visitor's Register – Thank you.

**Facilities Committee Meeting
Tuesday, October 13, 2026**

7:00 PM – TEAO- ROOM 200

AGENDA

I. Review of Minutes – September 8, 2026

II. Construction Report

III. Discussion and Update Items

- a. Bear Hill Elementary School Update**
- b. Bear Hill Solar**
- c. Conestoga High School Tennis Courts**
- d. Capital Sources and Uses**
- e. Committee Goals**
- f. Other**

IV. Public Comment

V. Future Facilities Committee Meetings

Tuesday, November 17, 2026

Tuesday, December 15, 2026

Tuesday, January 12, 2027

2026 Committee Goals

- | | |
|-----|--|
| 1. | Monitor student enrollment, township reports, District programs and existing school facilities. |
| 2. | Review and update the District Infrastructure Report. |
| 3. | Use Goals #1 and #2 to ensure District facilities meet the needs of students, staff and Administration. |
| 4. | Develop, review, and prioritize the facilities projects for summer 2026. |
| 5. | Continue to review and evaluate the Conestoga High School Athletic Fields project. |
| 6. | Develop review and prioritize projects to support the opening of the New Elementary School for the 2027-28 school year. |
| 7. | Work in conjunction with the Finance Committee to maintain funding of the capital improvement plan. |
| 8. | Support the District's efforts to assess and implement practices that promote environmental sustainability, including energy uses. |
| 9. | Review and update the District Playgrounds Infrastructure Report. |
| 10. | Investigate grant opportunities and potential private outside funds for capital projects. |

Facilities Committee Meeting Minutes

September 8, 2026

7:00 pm

Attending all or part of the meeting:

Board Committee Members: Kenneth Hong, Chair, Todd Kantorczyk, Nicole Scherer and Dr. Henry Zink

Other Board Members: Dr. Julie K. Mesaros and Sue Tiede

T/E School District Representatives: Dr. Richard Gusick, Arthur J. McDonnell, Dr. Mike Szymendera, Marshall Barkman and Richard Livergood

Other: David Farabaugh and Bryant Snyder from Heckendorn Shiles Architects, and Rich Delp from Schiller & Hersch Associates, Inc.

Community Member: A student from the Spoke

Review of the Minutes:

- The Committee reviewed the May 12, 2026, minutes and recommended that they be placed on the next Board consent agenda.

Construction Report & Change Orders

- Mr. Farabaugh reported on the Summer 2026 bid packages and stated that both were completed on August 19, 2026. His report included pictures of the work and cost summaries pertaining to both projects. Change Orders were reviewed and approved to be placed on the next Board consent agenda.

Easttown Township Sidewalk Easement:

- Mr. McDonnell reported on a request from Easttown Township for an easement related to a sidewalk project. The Committee reviewed and after discussion it was determined to go back to the Township to obtain additional information before authorizing approval of the easement.

Athletic Fields Project Update:

- Mr. Farabaugh stated that the project is substantially complete and in use. His report included photos of the athletic fields.

Bear Hill Elementary School Update:

- Mr. Snyder stated that the substantial completion date of Bear Hill Elementary School is April 9, 2027. His presentation included photos and a video of the status of the project. The four change orders that are pending were explained by Mr. Snyder and the Committee approved them to be placed on the next Board consent agenda.

Bear Hill Elementary Solar:

- Dr. Szymendera stated that we did not receive the solar grant for this project. The report included the costs and rebate opportunities if the Board chose to fund the project without a State grant. Mr. Delp explained details including the potential credits, watt pricing and rebates, and the system payback period would be ten years with rebates and eighteen years without the rebates. Exact Solar has provided an installation quote of \$177,723.00 that expires on October 31, 2026. The Committee will continue to discuss this at future meetings.

2027 Summer Infrastructure and Technology Reports:

- Mr. Farabaugh presented a schedule for the two 2027 Summer projects with pre-bid meetings later this month. These projects will be brought back to the Facilities Committee for the November 17, 2026, meeting.
- Dr. Szymendera presented the technology report including a 15-year forecast with reduced cost estimates and expenses being pushed to a later date. The model is created based on the concept of keeping assets as long as possible, which could result in higher costs and spikes in some later years. The Committee accepted the new report format as proposed by Dr. Szymendera.

Secondary ISP Bid:

- Dr. Szymendera reviewed two proposals received for the project and the recommended vendor is Fiber Asset Company LLC d/b/a Zayo for a monthly fee of \$1,500.00. The Committee supported the quote and it will be placed on the next Board consent agenda.

Environmental Sustainability Update:

- Dr. Gusick presented a report and reviewed the operational and educational enhancements to environmental sustainability. This report will be placed on the School District website.

Capital Sources & Uses:

- Mr. McDonnell presented an updated report and summary of the capital needs for the next few years including potential bond issues to fund these needs. He stated there would be more discussion of the sources and bond issues at the next Finance Committee meeting. He added that the technology infrastructure report presented by Dr. Szymendera would be updated in the next iteration of the report.

Committee Goals:

- The Committee Goals were tabled until October 13, 2026, Facilities Committee meeting.

Other:

- None.

Public Comment:

- None.

Adjournment:

- The meeting was adjourned at 8:45pm.

Future Meetings:

- Tuesday, October 13, 2026
- Tuesday, November 17, 2026
- Tuesday, December 15, 2026

**Facilities Committee Meeting
Construction Report
October 2026**

2027 Construction Projects:

1. Project #1 – Bid Package #1 – HVAC Renovations and Upgrades at BES, DES, NEES, VFMS, CHS & WVAB
 - Issued for Bid September 23, 2026
 - Bids Received October 27, 2026
 - Committee Reviewed November 17, 2026
 - Board Approved November 23, 2026
 - Construction Start: June 21, 2027
 - Scheduled Completion: August 18, 2027

2. Project #2 – Bid Package #2 – Interior/Exterior Renovations and Upgrades at DES, NEES, VFES, TEMS, VFMS & CHS
 - Issued for Bid September 24, 2026
 - Bids Received October 28, 2026
 - Committee Reviewed November 17, 2026
 - Board Approved November 23, 2026
 - Construction Start: June 21, 2027
 - Scheduled Completion: August 18, 2027



TREDYFFRIN EASTTOWN SCHOOL DISTRICT BEAR HILL ELEMENTARY SCHOOL



MONTHLY PROJECT REPORT
ISSUED OCTOBER 2026



TREDYFFRIN EASTTOWN SCHOOL DISTRICT
BEAR HILL ELEMENTARY SCHOOL

SCHEDULE STATUS - CONTRACT DATES

<u>GENERAL TRADES CONTRACT</u>	
BANCROFT CONSTRUCTION	
Notice to Proceed Date:	August 18, 2025
Contract Substantial Completion Date:	April 9, 2027
Extension of Time Requested:	0
Extension of Time Approved:	0 days
Adjusted Substantial Completion Date:	April 9, 2027
General Trades Duration:	430 working days

<u>MECHANICAL TRADES CONTRACT</u>	
FIVE STAR INC.	
Notice to Proceed Date:	August 18, 2025
Contract Substantial Completion Date:	April 9, 2027
Extension of Time Requested:	0
Extension of Time Approved:	0 days
Adjusted Substantial Completion Date:	April 9, 2027
Mechanical Trades Duration:	430 working days

<u>ELECTRICAL TRADES CONTRACT</u>	
HOBBS & CO INC.	
Notice to Proceed Date:	August 18, 2025
Contract Substantial Completion Date:	April 9, 2027
Extension of Time Requested:	0
Extension of Time Approved:	0 days
Adjusted Substantial Completion Date:	April 9, 2027
Electrical Trades Duration:	430 working days

<u>PLUMBING TRADES CONTRACT</u>	
JAY R. REYNOLDS INC.	
Notice to Proceed Date:	August 18, 2025
Contract Substantial Completion Date:	April 9, 2027
Extension of Time Requested:	0
Extension of Time Approved:	0 days
Adjusted Substantial Completion Date:	April 9, 2027
Plumbing Trades Duration:	430 working days



TREDYFFRIN EASTTOWN SCHOOL DISTRICT
BEAR HILL ELEMENTARY SCHOOL

PRIME CONTRACTS SUMMARY

<u>PRIME CONTRACT</u>	<u>ORIGINAL CONTRACT</u>	<u>APPROVED CHANGE ORDERS</u>	<u>CONTRACT SUM TO DATE</u>	<u>CHANGE ORDER PERCENTAGE</u>
BANCROFT CONSTRUCTION	\$ 20,698,600.00	\$ 323,873.32	\$ 21,022,473.32	1.56%
FIVE STAR INC.	\$ 6,198,000.00	\$ -	\$ 6,198,000.00	0.00%
HOBBS & CO INC.	\$ 4,305,000.00	\$ 28,078.96	\$ 4,333,078.96	0.65%
JAY R. REYNOLDS INC.	\$ 2,395,670.00	\$ 314,459.00	\$ 2,710,129.00	13.13%
TOTALS	\$ 33,597,270.00	\$ 666,411.28	\$ 34,263,681.28	1.98%



TREDYFFRIN EASTTOWN SCHOOL DISTRICT
BEAR HILL ELEMENTARY SCHOOL

CONTRACT STATUS BY PRIME

GENERAL TRADES CONTRACT		
BANCROFT CONSTRUCTION		
The Original Contract Sum:	\$	20,698,600.00
Approved Change Orders:	\$	323,873.32
Revised Contract Amount	\$	21,022,473.32
Total Completed and Stored to Date:	\$	13,602,582.68
Retainage:	\$	1,360,258.27
Total Earned Less Retainage:	\$	12,242,324.41
Percent Complete by Cost:		65%

MECHANICAL TRADES CONTRACT		
FIVE STAR INC.		
The Original Contract Sum:	\$	6,198,000.00
Approved Change Orders:	\$	-
Revised Contract Amount	\$	6,198,000.00
Total Completed and Stored to Date:	\$	5,091,179.00
Retainage:	\$	254,558.95
Total Earned Less Retainage:	\$	4,836,620.05
Percent Complete by Cost:		82%

ELECTRICAL TRADES CONTRACT		
HOBBS & CO INC.		
The Original Contract Sum:	\$	4,305,000.00
Approved Change Orders:	\$	28,078.96
Revised Contract Amount	\$	4,333,078.96
Total Completed and Stored to Date:	\$	2,827,366.15
Retainage:	\$	282,736.62
Total Earned Less Retainage:	\$	2,544,629.54
Percent Complete by Cost:		65%

PLUMBING TRADES CONTRACT		
JAY R. REYNOLDS INC.		
The Original Contract Sum:	\$	2,395,670.00
Approved Change Orders:	\$	314,459.00
Revised Contract Amount	\$	2,710,129.00
Total Completed and Stored to Date:	\$	2,420,657.75
Retainage:	\$	121,032.89
Total Earned Less Retainage:	\$	2,299,624.86
Percent Complete by Cost:		89%


TREDYFFRIN EASTTOWN SCHOOL DISTRICT
BEAR HILL ELEMENTARY SCHOOL
CHANGE ORDER LOG

General Trades Change Orders						
BANCROFT CONSTRUCTION						
COR #	Description	Submitted Amount	Pending	Approved	Status Review/Recommended /Rejected/Approved	CO #
1	Slab Remove/Replace @ Void	\$ 14,121.24		\$ 14,121.24	Approved	1
2	Dumpster enclosure wall extension	\$ 9,255.69		\$ 9,255.69	Approved	2
3	Trenching at sanitary line	\$ 3,738.00		\$ -	Rejected (Allowance)	N/A
4	Trenching at Sector A	\$ 5,175.00		\$ -	Rejected (Allowance)	N/A
5	Trenching at sanitary line CREDIT	\$ (3,738.00)		\$ -	Rejected (Allowance)	N/A
6	Door revisions per ASI 01 & 02	\$ 2,507.76		\$ 2,507.76	Approved	3
7	Water Line Cut-Cap at Brandywine	\$ 9,688.38		\$ 9,688.38	Approved	4
8	Water Line Cut-Cap Credit	\$ (1,914.43)		\$ (1,914.43)	Approved	5
9	Storm Line at Water Meter Pit Tie-in	\$ 4,924.39		\$ 4,924.39	Approved	6
10	Rain Water Conductors - ASI 05-06	\$ 90,207.28		\$ 90,207.28	Approved	7
11	Trenching at RWC	\$ 3,168.00			Rejected (Allowance)	N/A
12	Civil demo and removal - ASI 03	\$ 6,856.70		\$ 6,856.70	Approved	8
13	Glazing Revisions - ASI 05-06	\$ 11,903.76		\$ 11,903.76	Approved	9
14	Steel splice detail	\$ 8,991.68		\$ 8,991.68	Approved	10
15	Steel construction drawings	\$ 31,644.64			Rejected	N/A
16	Stud replacement at Restrooms	\$ 5,105.00		\$ 5,105.00	Approved	11
17	Washer/Dryer unit at kitchen	\$ 1,947.00		\$ 1,947.00	Approved	12
18	Toilet partition credit	\$ (1,200.00)		\$ (1,200.00)	Approved	13
19	Core Drilling - ASI 05	\$ 5,068.01		\$ 5,068.01	Approved	14
20	Steel Clip Removal	\$ 4,989.60		\$ 4,989.60	Approved	15
21	Brick Detailing Adjustment	\$ 1,511.19		\$ 1,511.19	Approved	16
22	Restroom Partition Stud Revision	\$ 293.00		\$ 293.00	Approved	17
23	Exterior Wall Insulation	\$ 56,484.00		\$ 56,484.00	Approved	18
24	Steel columns at front infill	\$ 25,576.02		\$ 25,576.02	Approved	19
25	Masonry repair at elevator shaft	\$ 8,851.59		\$ 8,851.59	Approved	20
26	Rooftop mech equip rail blocking	\$ 6,095.20		\$ 6,095.20	Approved	21
27	Roof steel refabrication	\$ 4,835.16			Rejected	N/A
28	Precast panel cutting and removal	\$ 6,212.16		\$ 6,212.16	Approved	22
29	Steel attachment detail revision	\$ 5,847.93		\$ 5,847.93	Approved	23
30	Curb remove & replace - ASI 19	\$ 11,300.17		\$ 11,300.17	Approved	24
31	Exterior Soffit Replacement	\$ 25,098.00		\$ 25,098.00	Approved	25
32	Restroom door frame replacement	\$ 4,152.00		\$ 4,152.00	Approved	26
33	Asphalt replacement	\$ 44,581.70	\$ 44,581.70		Recommended	
34	Curb replacement	\$ 19,706.00	\$ 19,706.00		Recommended	
35	Perimeter stormwater (NTE)	\$ 4,752.00	\$ 4,752.00		Recommended	
General Trades Totals		\$ 437,735.82	\$ 69,039.70	\$ 323,873.32		



Mechanical Contractor Change Orders

FIVE STAR INC.

COR #	Description	Submitted Amount	Pending	Approved	Status Review/Recommended /Rejected/Approved	CO #
1	ASI-01 Fire Dampers	\$ 3,635.47			Rejected (Allowance)	N/A
2	Thermostat covers	\$ 839.16			Rejected	N/A
3	Duct adjustments at Elev. Equip. Rm.	\$ 3,304.49			Rejected	N/A

Mechanical Contractor Totals \$ 7,779.12 \$ - \$ -

Electrical Contractor Change Orders

HOBBS & CO INC.

COR #	Description	Submitted Amount	Pending	Approved	Status Review/Recommended /Rejected/Approved	CO #
1	Changes through ASI 06	\$ 14,280.00		\$ 14,280.00	Approved	1
2	Camera Pole Bases	\$ 6,671.70		\$ 6,671.70	Approved	2
3	Conduit Repair	\$ 7,127.26		\$ 7,127.26	Approved	3

Electrical Contractor Totals \$ 28,078.96 \$ - \$ 28,078.96

Plumbing Contractor Change Orders

JAY R. REYNOLDS INC.

COR #	Description	Submitted Amount	Pending	Approved	Status Review/Recommended /Rejected/Approved	CO #
1	PC RFI 03 - Floor Sink Model	\$ 4,166.00			Rejected (Allowance)	N/A
2	PC RFI 04 - Washing Machine Outlet	\$ 620.00		\$ 620.00	Approved	1
3	Relocate new sanitary line	\$ 3,209.00		\$ 3,209.00	Approved	2
4	Revise underground at kitchen	\$ 4,741.00		\$ 4,741.00	Approved	3
5	ASI 05 - Underground Revisions	\$ 13,017.00		\$ 13,017.00	Approved	4
6	Saw Cutting at Sector B	\$ 2,000.00		\$ 2,000.00	Approved	5
7	Rain Water Conductors - ASI 05-06	\$ 137,285.00		\$ 137,285.00	Approved	6
8	2nd and 3rd floor restroom plumbing	\$ 160,321.00		\$ 160,321.00	Approved	7
9	Kitchen gas line revision	\$ 1,103.00			Rejected (Allowance)	N/A
10	Sanitary installation	\$ 9,559.00			Rejected	N/A
11	Acid neutralizer tank credit	\$ (10,831.00)		\$ (10,831.00)	Approved	8
12	Replace existing roof drain insulation	\$ 4,097.00		\$ 4,097.00	Approved	9
13	Replace existing floor drain	\$ 334.00			Rejected (Allowance)	N/A

Plumbing Contractor Totals \$ 329,621.00 \$ - \$ 314,459.00

	Submitted Amount	Pending	Approved		
CHANGE ORDER PROJECT TOTALS	\$ 803,214.90	\$ 69,039.70	\$ 666,411.28		



TREDYFFRIN EASTTOWN SCHOOL DISTRICT
BEAR HILL ELEMENTARY SCHOOL

PROJECT STATUS

Project Key Dates

- Substantial Completion Date: April 9, 2027

Current Construction Status

- Installation of concrete curb ongoing.
- Installation of southern storm water management at playing fields nearly complete.
- Retaining wall installation at playing field border complete.
- Final grading at Southern side of site ongoing.
- Thin brick installation complete at NE corner of existing building.
- Brick façade installation at existing building infill nearly complete.
- Window installation at existing building infill ongoing.
- Framing at interior and low roof of addition ongoing.
- Installation of mechanical rooftop units at main roof complete. Final connections ongoing.
- Existing building infill roof membrane complete. Final coping awaiting façade.
- Building addition roof membrane complete at gym.
- Electrical rough in at addition ongoing. Lighting and low voltage wiring throughout existing.
- Plumbing rough-in complete at addition. Gas line installation to rooftop equipment ongoing.
- Ductwork installation at addition, split system refrigeration and condensate lines throughout.
- First floor metal stud framing nearly complete. Drywall started at both partition sides.
- Second floor metal stud framing complete. Drywall started at both partition sides.
- Third floor metal stud framing complete. Drywall started at both partition sides.
- Third floor partition priming started.
- Installation of wall tile at single user restrooms ongoing.
- Installation of ceiling grid and hanging wires throughout.
- Review of construction submittals is ongoing.



Solar PV System Analysis for the
TE School District
Bear Hill Elementary School at 1200 W. Swedesford Rd
HSA Project #24-037
S&H Project #2410A
Date: September 3, 2024
Revised: April 8, 2025
Revised: August 31, 2026
Revised: September 15, 2026

Background Information:

This solar PV system study is based on the most recent information available from ExactSolar, the low-bidder for the solar PV system, PECO, current Solar Renewable Energy Credit (SREC) market in PA and the Investment Tax Credit (ITC) direct cash payment program for public entities.

Solar PV systems in PA are paid back via two basic mechanisms:

- PECO buys 100% of the generated solar PV system kWh at retail rates. If the District uses 100% of the generated kWh, then their bill is simply offset at retail rates, so this is effectively the same value. The current rate to compare for the PECO commercial GS rate is 11.604 cents/kWh (\$0.11604).
- For each 1,000kWh that is generated, (1) SREC is credited based on the PJM system. SRECs are able to be sold on the open market, such as through SRECTrade.com. Current SREC pricing in PA is about \$25 per SREC. Since the market for SRECs is variable and unknown and is subject to changes by the PA legislature, we are only assuming constant SREC pricing for 10 years, which may be somewhat aggressive.

The payback period was analyzed for 25 years, which is the approximate average life of the solar panels. Inverter average life ranges from 15 years to 25 years, so it is possible an inverter would need to be replaced within the payback period.

Current fire codes do not allow solar PV systems to take up the entire low-sloped roof. The code has minimum walkways along the sides and the top, depending on the size of the building, for firefighting operations.

Solar PV systems come with a meter with an embedded webserver, so the data logging and graphical representations can be viewed via TESD's website or internally on their network.

There is a Federal Investment Tax Credit (ITC) of 30% of the system cost available to tax-exempt entities in the form of a direct cash rebate. An additional 10% credit can be obtained for

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domestic content solar PV equipment, resulting in a total 40% direct cash rebate, if the system is installed and operational by 12/31/2027.

The low-bid from ExactSolar with domestic content equipment is \$2.79/Wdc or a total of \$177,723. See below for the system information and calculations.

Solar PV Systems and Calculations:

1200 Swedesford Rd:

See below for the solar PV layout on the gym roof based on our analysis.

System size: 63.18kWDC / 40kWAC

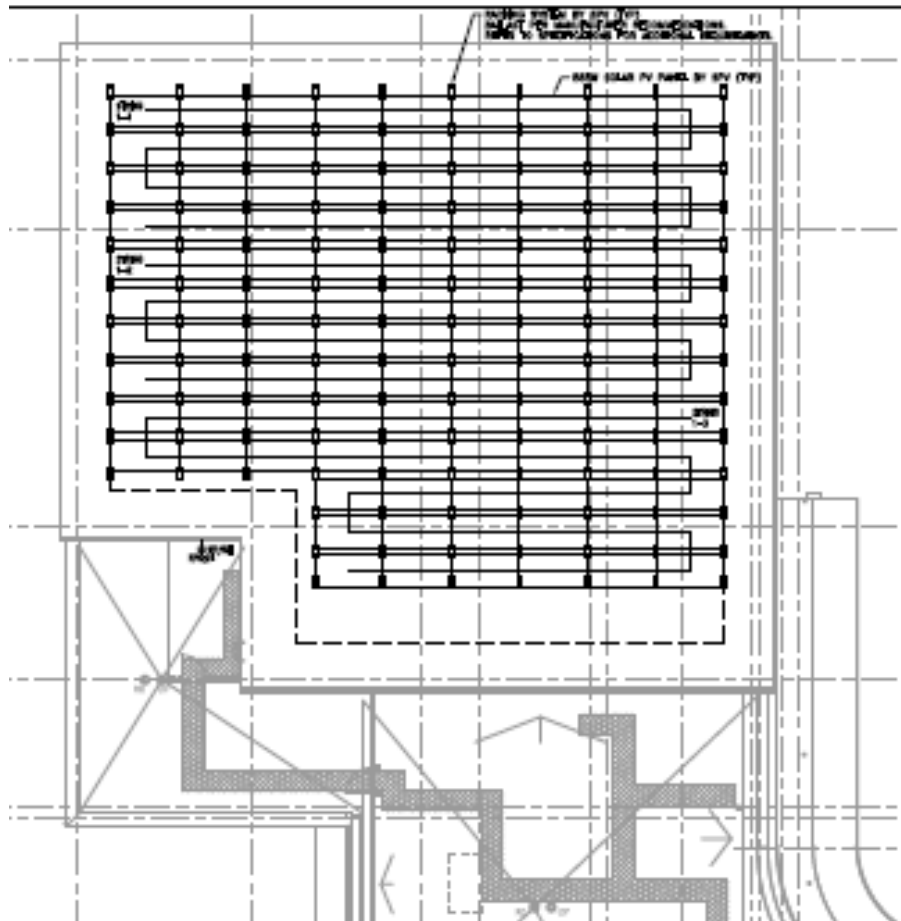
Modules: (108) 585W solar PV panels.

Optimizers: (108) SolarEdge Optimizers.

Inverter: 40kWAC SolarEdge Inverter.

DC/AC ratio: 1.5795 (maximum allowed by inverter is 1.75)

Solar PV System Layout on the Gym Addition Low-Sloped Roof:



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See attached for the calculation spreadsheets. The following is a brief summary:

- Without any rebates, the system pays back in year 18.
- With a 40% rebate, the system pays back in year 10.

Conclusion:

We believe beyond the pure economic analysis of adding the solar PV systems to the project, there is some possible academic integration that could occur with the curriculum and possible student analysis of the performance of the solar PV systems and the energy use of the buildings.

The solar PV systems also would allow the District to provide a link to a webpage of the solar PV performance, which graphically shows the output and performance of the system on a daily, weekly, monthly and yearly basis.

Enclosures: Calculations with and without rebates included.

End of BHES Solar PV Report.

TE School District

9/15/2026

Solar PV Analysis - Bear Hill Elementary School - With Rebates

63.18kWDC / 40kWAC System

Year	Annual System Production (kWh)	PECO Retail Rate (GS) (\$/kWh)	Annual Retail Savings (\$)	SREC Sales (\$)	Total Solar PV Savings (\$)	Solar PV System Rebate	Solar PV System Cost (\$)	Remaining Balance (\$)
1	76,450	\$0.1160	\$8,871	\$1,900	\$10,771.26	\$ -	\$ 177,723.00	\$ 166,951.74
2	74,921	\$0.1172	\$8,781	\$1,875	\$10,655.77	\$71,089.20	\$ 166,951.74	\$ 85,206.77
3	74,584	\$0.1184	\$8,829	\$1,875	\$10,703.67	\$ -	\$ 85,206.77	\$ 74,503.10
4	74,248	\$0.1196	\$8,877	\$1,850	\$10,726.83	\$ -	\$ 74,503.10	\$ 63,776.27
5	73,914	\$0.1208	\$8,925	\$1,850	\$10,775.25	\$ -	\$ 63,776.27	\$ 53,001.02
6	73,581	\$0.1220	\$8,974	\$1,850	\$10,823.94	\$ -	\$ 53,001.02	\$ 42,177.08
7	73,250	\$0.1232	\$9,023	\$1,825	\$10,847.89	\$ -	\$ 42,177.08	\$ 31,329.18
8	72,921	\$0.1244	\$9,072	\$1,825	\$10,897.11	\$ -	\$ 31,329.18	\$ 20,432.07
9	72,593	\$0.1257	\$9,122	\$1,825	\$10,946.60	\$ -	\$ 20,432.07	\$ 9,485.47
10	72,266	\$0.1269	\$9,171	\$1,800	\$10,971.36	\$ -	\$ 9,485.47	\$ (1,485.90)
11	71,941	\$0.1282	\$9,221	\$0	\$ 9,221.39	\$ -	\$ (1,485.90)	\$ (10,707.29)
12	71,617	\$0.1295	\$9,272	\$0	\$ 9,271.69	\$ -	\$ (10,707.29)	\$ (19,978.98)
13	71,295	\$0.1308	\$9,322	\$0	\$ 9,322.27	\$ -	\$ (19,978.98)	\$ (29,301.25)
14	70,974	\$0.1321	\$9,373	\$0	\$ 9,373.12	\$ -	\$ (29,301.25)	\$ (38,674.37)
15	70,655	\$0.1334	\$9,424	\$0	\$ 9,424.25	\$ -	\$ (38,674.37)	\$ (48,098.62)
16	70,337	\$0.1347	\$9,476	\$0	\$ 9,475.66	\$ -	\$ (48,098.62)	\$ (57,574.29)
17	70,020	\$0.1361	\$9,527	\$0	\$ 9,527.35	\$ -	\$ (57,574.29)	\$ (67,101.64)
18	69,705	\$0.1374	\$9,579	\$0	\$ 9,579.32	\$ -	\$ (67,101.64)	\$ (76,680.96)
19	69,391	\$0.1388	\$9,632	\$0	\$ 9,631.58	\$ -	\$ (76,680.96)	\$ (86,312.54)
20	69,079	\$0.1402	\$9,684	\$0	\$ 9,684.12	\$ -	\$ (86,312.54)	\$ (95,996.66)
21	68,768	\$0.1416	\$9,737	\$0	\$ 9,736.95	\$ -	\$ (95,996.66)	\$ (105,733.61)
22	68,459	\$0.1430	\$9,790	\$0	\$ 9,790.06	\$ -	\$ (105,733.61)	\$ (115,523.67)
23	68,151	\$0.1444	\$9,843	\$0	\$ 9,843.47	\$ -	\$ (115,523.67)	\$ (125,367.14)
24	67,844	\$0.1459	\$9,897	\$0	\$ 9,897.16	\$ -	\$ (125,367.14)	\$ (135,264.30)
25	67,539	\$0.1473	\$9,951	\$0	\$ 9,951.15	\$ -	\$ (135,264.30)	\$ (145,215.45)
Totals	1,784,502	-	\$ 233,374	\$ 18,475	\$ 251,849	\$ 71,089		

Assumptions

- Solar PV panels degrade at 2% the first year and 0.45% per year thereafter
- PECO retail rates will increase at 1% per year
- The peak demand reduction is not taken into consideration for this calculation.
- SREC sales are assumed to be \$25 per SREC and valid for the first 10 years
- PECO GS rate structure is assumed along with PECO's rate to compare. 11.604 cents/kWh (valid thru 11/30/26)
- 40% Federal rebate for the system cost. Taken in year 2.

Prepared by Schiller and Hersh Associates, Inc.

Solar PV Analysis - Bear Hill New Elementary School - Without Rebates

63.18kWDC / 40kWAC System

Year	Annual System Production (kWh)	PECO Retail Rate (GS) (\$/kWh)	Annual Retail Savings (\$)	SREC Sales (\$)	Total Solar PV Savings (\$)	Solar PV System Rebate	Solar PV System Cost (\$)	Remaining Balance (\$)
1	76,450	\$0.1160	\$8,871	\$1,900	\$10,771.26	\$ -	\$177,723.00	\$166,951.74
2	74,921	\$0.1172	\$8,781	\$1,875	\$10,655.77	\$ -	\$166,951.74	\$156,295.97
3	74,584	\$0.1184	\$8,829	\$1,875	\$10,703.67	\$ -	\$156,295.97	\$145,592.30
4	74,248	\$0.1196	\$8,877	\$1,850	\$10,726.83	\$ -	\$145,592.30	\$134,865.47
5	73,914	\$0.1208	\$8,925	\$1,850	\$10,775.25	\$ -	\$134,865.47	\$124,090.22
6	73,581	\$0.1220	\$8,974	\$1,850	\$10,823.94	\$ -	\$124,090.22	\$113,266.28
7	73,250	\$0.1232	\$9,023	\$1,825	\$10,847.89	\$ -	\$113,266.28	\$102,418.38
8	72,921	\$0.1244	\$9,072	\$1,825	\$10,897.11	\$ -	\$102,418.38	\$91,521.27
9	72,593	\$0.1257	\$9,122	\$1,825	\$10,946.60	\$ -	\$91,521.27	\$80,574.67
10	72,266	\$0.1269	\$9,171	\$1,800	\$10,971.36	\$ -	\$80,574.67	\$69,603.30
11	71,941	\$0.1282	\$9,221	\$0	\$9,221.39	\$ -	\$69,603.30	\$60,381.91
12	71,617	\$0.1295	\$9,272	\$0	\$9,271.69	\$ -	\$60,381.91	\$51,110.22
13	71,295	\$0.1308	\$9,322	\$0	\$9,322.27	\$ -	\$51,110.22	\$41,787.95
14	70,974	\$0.1321	\$9,373	\$0	\$9,373.12	\$ -	\$41,787.95	\$32,414.83
15	70,655	\$0.1334	\$9,424	\$0	\$9,424.25	\$ -	\$32,414.83	\$22,990.58
16	70,337	\$0.1347	\$9,476	\$0	\$9,475.66	\$ -	\$22,990.58	\$13,514.91
17	70,020	\$0.1361	\$9,527	\$0	\$9,527.35	\$ -	\$13,514.91	\$3,987.56
18	69,705	\$0.1374	\$9,579	\$0	\$9,579.32	\$ -	\$3,987.56	\$(5,591.76)
19	69,391	\$0.1388	\$9,632	\$0	\$9,631.58	\$ -	\$(5,591.76)	\$(15,223.34)
20	69,079	\$0.1402	\$9,684	\$0	\$9,684.12	\$ -	\$(15,223.34)	\$(24,907.46)
21	68,768	\$0.1416	\$9,737	\$0	\$9,736.95	\$ -	\$(24,907.46)	\$(34,644.41)
22	68,459	\$0.1430	\$9,790	\$0	\$9,790.06	\$ -	\$(34,644.41)	\$(44,434.47)
23	68,151	\$0.1444	\$9,843	\$0	\$9,843.47	\$ -	\$(44,434.47)	\$(54,277.94)
24	67,844	\$0.1459	\$9,897	\$0	\$9,897.16	\$ -	\$(54,277.94)	\$(64,175.10)
25	67,539	\$0.1473	\$9,951	\$0	\$9,951.15	\$ -	\$(64,175.10)	\$(74,126.25)
Totals	1,784,502	-	\$ 233,374	\$ 18,475	\$ 251,849			

Assumptions

- Solar PV panels degrade at 2% the first year and 0.45% per year thereafter
- PECO retail rates will increase at 1% per year
- The peak demand reduction is not taken into consideration for this calculation.
- SREC sales are assumed to be \$25 per SREC and valid for the first 10 years
- PECO GS rate structure is assumed along with PECO's rate to compare. 11.604 cents/kWh (valid thru 11/30/26)

Capital Projects Fund Sources & Uses

	C	D	E	F	G	H	I	J	K	L	M	N	O
	IY 2022	IY 2023	IY 2024	IY 2025	IY 2026	IY 2027	IY 2028	IY 2029	IY 2030	IY 2031	IY 2032	IY 2033	
	FY 2022-2023	FY 2023-2024	FY 2024-2025	FY 2025-2026	FY 2026-2027	FY 2027-2028	FY 2028-2029	FY 2029-2030	FY 2030-2031	FY 2031-2032	FY 2032-2033	FY 2033-2034	TOTAL
	Actual*	Actual*	Actual*	In Process/ Recommended	In Process/ Recommended	Projected	Projected	Projected	Projected	Projected	Projected	Projected	
Sources													
1 Beginning Balance of Capital Projects	28,355,186	24,750,659	40,559,565	21,857,597	8,916,858	5,694,137	1,301,148	(19,240,642)	(36,013,829)	(44,996,297)	(53,210,691)	(60,141,870)	
2 Proceeds from Bond Issue	0	40,003,146	0	20,000,000	20,000,000	0	0	0	0	0	0	0	
3 General Fund Transfers to Capital Fund	5,000,000	5,000,000	0	0	0	0	0	0	0	0	0	0	
4 Projected GF Transfers to Capital Fund	0	0	5,500,000	5,467,706	6,000,000	0	0	0	0	0	0	0	
5 Total Sources	33,355,186	69,753,805	46,059,565	47,325,303	34,916,858	5,694,137	1,301,148	(19,240,642)	(36,013,829)	(44,996,297)	(53,210,691)	(60,141,870)	
Uses													
<i>Infrastructure Projects</i>													
6 Maintenance	4,162,060	6,603,217	5,975,804	4,493,298	3,809,571	1,977,300	10,702,455	7,805,545	2,960,308	2,320,821	978,448	977,488	52,766,315
7 Building codes	0	0	0	0	0	44,924	60,994	113,235	113,235	0	85,983	266,468	684,839
8 Accessibility	0	0	0	0	0	0	1,121,588	63,593	37,967	43,645	0	0	1,266,793
9 Security	168,167	3,078	0	0	0	0	0	0	0	0	0	0	171,245
10 Infrastructure	0	533,000	42,116	160,746	84,600	400,000	926,975	707,964	96,598	2,794,676	190,327	286,814	6,223,816
11 Sustainability	0	0	0	0	0	0	1,666,308	3,560,741	2,772,415	0	4,521,224	347,007	12,867,695
<i>Additional Studies</i>													
12 Façade Maintenance	0	0	528,000	30,000	165,500	155,000	75,000	0	30,000	0	0	0	983,500
13 Roof Replacement	598,199	192,497	1,263,500	0	0	0	0	0	0	0	0	0	2,054,196
14 Technology Infrastructure	367,860	666,778	1,035,272	151,860	823,547	337,515	1,902,237	969,287	1,433,200	898,632	0	2,497,156	11,083,344
<i>Capital Improvements</i>													
15 CHS Expansion Project	0	112,000	388,000	0	0	0	0	0	0	0	0	0	500,000
16 Bear Hill Elementary School	14,001	323,965	3,480,000	16,778,387	22,745,916	0	0	0	0	0	0	0	43,342,269
17 Athletic Fields/Facilities	576,261	424,989	8,543,449	14,192,166	0	0	0	0	0	0	0	0	23,736,865
18 Playground Renovation/Equipment	86,173	573,200	853,574	835,564	0	642,754	579,268	757,291	0	287,555	0	67,982	4,683,361
19 Air Conditioning Elementary Schools	114,143	0	0	0	0	0	0	0	0	0	0	0	114,143
20 Air Conditioning Middle Schools	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Vestibules	1,563,260	207,047	0	0	0	0	0	0	0	0	0	0	1,770,307
<i>Capital Related Costs</i>													
21 Prof Fees, District Costs, Contingencies	775,632	2,314,460	2,017,253	1,766,424	1,593,588	711,496	3,406,965	2,795,531	1,488,745	1,269,066	1,155,196	888,583	20,182,938
22 Vehicle Replacement	178,771	364,327	75,000	0	0	124,000	100,000	0	50,000	600,000	0	0	1,492,098
23 Purchase of Land/Property	0	16,875,682	0	0	0	0	0	0	0	0	0	0	16,875,682
24 Total Uses	8,604,527	29,194,240	24,201,968	38,408,444	29,222,722	4,392,989	20,541,790	16,773,187	8,982,468	8,214,395	6,931,178	5,331,498	200,799,406
25 Balance of Sources over Uses	24,750,659	40,559,565	21,857,597	8,916,858	5,694,137	1,301,148	(19,240,642)	(36,013,829)	(44,996,297)	(53,210,691)	(60,141,870)	(65,473,368)	

Source: 05/2026 Infrastructure Report with property purchases

* Indicates Audited Fiscal Year
 Indicates Board Approval
 Indicates Budgeted Costs Not Yet Board Approved
 Indicates Contingency Amounts not yet Board Approved in Total

Bear Hill Elementary School

	A	B	C	B+C=D	A-D=E
	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining
Construction	37,427,839	9,910,842	22,240,192	32,151,034	5,276,805
Mechanical	0	905,480	0	905,480	(905,480)
Plumbing	0	918,910	0	918,910	(918,910)
Electrical	0	1,185,942	183,100	1,369,042	(1,369,042)
Architect and Engineering Fees	3,826,867	5,135,723	0	5,135,723	(1,308,856)
Project Construction Total	41,254,706	18,056,897	22,423,292	40,480,189	774,517
Feasibility Study	0	0	0	0	0
Furniture Fixtures and Equipment	3,803,165	0	0	0	3,803,165
Printing and Postage	0	0	0	0	0
Site Surveys	0	5,873	0	5,873	(5,873)
Geotechnical Engineer	0	102,275	0	102,275	(102,275)
Permits & Approval	696,900	908,344	0	908,344	(211,444)
Legal	0	0	0	0	0
Technology	8,000	8,000	0	8,000	0
Total Non-Contract Purchase	4,508,065	1,024,492	0	1,024,492	3,483,573
Custodial Support	0	0	0	0	0
Maintenance Support	0	0	0	0	0
Security Support	0	0	0	0	0
Asbestos Removal (Incl. Supplies)	0	0	0	0	0
Project Supervision	0	0	0	0	0
Networking/Telephone/Security Wire	0	0	0	0	0
District Miscellaneous	0	27,455	0	27,455	(27,455)
Total District Charges	0	27,455	0	27,455	(27,455)
Project Contingency	1,233,888	0	0	0	1,233,888
Total Project:	46,996,659	19,108,844	22,423,292	41,532,136	5,464,523

2025 Bid Package #1 - HVAC

	A	B	C	B+C=D	A-D=E
	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining
General Contractor - Donald Reisinger	126,331	119,199	0	119,199	7,132
Mechanical - Hirschberg Mechanical	714,400	714,400	0	714,400	0
Plumbing - Clipper Pipe	181,000	147,488	33,513	181,001	(1)
Electrical - DK Construction	58,000	58,000	0	58,000	0
Architect and Engineering Fees	301,671	301,671	0	301,671	0
Project Construction Total	1,381,402	1,340,758	33,513	1,374,271	7,131
Feasibility Study	0	0	0	0	0
Furniture Fixtures and Equipment	0	0	0	0	0
Printing and Postage	0	0	0	0	0
Site Surveys, Testing	0	0	0	0	0
Professional Fees	0	0	0	0	0
Permits & Approval	0	0	0	0	0
Legal	0	0	0	0	0
Technical Services	0	0	0	0	0
Furniture & Equipment	0	0	0	0	0
Total Non-Contract Purchase	0	0	0	0	0
Custodial Support	0	0	0	0	0
Maintenance Support	0	0	0	0	0
Security Support	0	0	0	0	0
Asbestos Removal (Incl. Supplies)	0	0	0	0	0
Project Supervision	0	0	0	0	0
Networking/Telephone/Security Wire	0	0	0	0	0
District Miscellaneous	0	24,719	0	24,719	(24,719)
Total District Expenditures	0	24,719	0	24,719	(24,719)
Project Contingency	0	0	0	0	0
Total Project:	1,381,402	1,365,477	33,513	1,398,990	(17,588)

2025 Bid Package #2 - Interior/Exterior

	A	B	C	B+C=D	A-D=E
	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining
General Contractor - S.B. Conrad	1,721,741	1,628,108		1,628,108	93,633
Mechanical - Clipper Pipe	247,318	247,317	0	247,317	1
Electrical - Schipsi Electric	2,021,784	1,840,502	181,282	2,021,784	0
Plumbing - Hirshberg Mechanical	216,925	236,168	0	236,168	(19,243)
Architect and Engineering Fees	353,200	289,084	66,616	355,700	(2,500)
Project Construction Total	4,560,968	4,241,179	247,898	4,489,077	71,891
Feasibility Study	0	0	0	0	0
Furniture Fixtures and Equipment	0	0	0	0	0
Printing and Postage	0	0	0	0	0
Site Surveys, Testing	0	0	0	0	0
Professional Fees	0	0	0	0	0
Permits & Approval	0	39,349	0	0	0
Legal	0	0	0	0	0
Technical Services	0	0	0	0	0
Furniture & Equipment	0	0	0	0	0
Total Non-Contract Purchase	0	39,349	0	0	0
Custodial Support	0	0	0	0	0
Maintenance Support	0	0	0	0	0
Security Support	0	0	0	0	0
Asbestos Removal (Incl. Supplies)	0	44,800	0	44,800	(44,800)
Project Supervision	0	0	0	0	0
Networking/Telephone/Security Wire	0	0	0	0	0
District Miscellaneous	0	0	0	0	0
Total District Expenditures	0	44,800	0	44,800	(44,800)
Project Contingency	0	0	0	0	0
Total Project:	4,560,968	4,325,328	247,898	4,533,877	27,091

2026 Bid Package #1 - HVAC

	A	B	C	B+C=D	A-D=E
	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining
General Contractor	1,612,002	1,097,693	514,309	1,612,002	0
Mechanical	0	0	0	0	0
Plumbing	0	0	0	0	0
Electrical	277,000	238,597	38,403	277,000	0
Architect and Engineering Fees	188,300	122,800	65,500	188,300	0
Project Construction Total	2,077,302	1,459,090	618,212	2,077,302	0
Feasibility Study	0	0	0	0	0
Furniture Fixtures and Equipment	0	0	0	0	0
Printing and Postage	0	0	0	0	0
Site Surveys, Testing	0	0	0	0	0
Professional Fees	10,000	0	0	0	0
Permits & Approval	0	0	0	0	0
Legal	0	0	0	0	0
Technical Services	0	0	0	0	0
Furniture & Equipment	0	0	0	0	0
Total Non-Contract Purchase	10,000	0	0	0	0
Custodial Support	0	0	0	0	0
Maintenance Support	0	0	0	0	0
Security Support	5,000	1,212	3,788	5,000	0
Asbestos Removal (Incl. Supplies)	0	0	0	0	0
Project Supervision	0	0	0	0	0
Networking/Telephone/Security Wire	0	0	0	0	0
District Miscellaneous	0	0	0	0	0
Total District Expenditures	5,000	1,212	3,788	5,000	0
Project Contingency	0	0	0	0	0
Total Project:	2,092,302	1,460,302	622,000	2,082,302	0

2026 Bid Package #2 - Interior/Exterior

	A	B	C	B+C=D	A-D=E
	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining
General Contractor	1,098,963	332,627	752,857	1,085,484	13,479
Mechanical	0	0	0	0	0
Plumbing	0	0	0	0	0
Electrical	409,000	302,806	106,194	409,000	0
Architect and Engineering Fees	184,200	129,490	54,710	184,200	0
Project Construction Total	1,692,163	764,923	913,761	1,678,684	13,479
Feasibility Study	0	0	0	0	0
Furniture Fixtures and Equipment	0	0	0	0	0
Printing and Postage	0	0	0	0	0
Site Surveys, Testing	0	0	0	0	0
Professional Fees	0	0	0	0	0
Permits & Approval	0	0	0	0	0
Legal	0	0	0	0	0
Technical Services	0	0	0	0	0
Furniture & Equipment	0	0	0	0	0
Total Non-Contract Purchase	0	0	0	0	0
Custodial Support	0	0	0	0	0
Maintenance Support	0	0	0	0	0
Security Support	5,000	0	5,000	5,000	0
Asbestos Removal (Incl. Supplies)	0	0	0	0	0
Project Supervision	10,000	0	10,000	10,000	0
Networking/Telephone/Security Wire	0	0	0	0	0
District Miscellaneous	0	0	0	0	0
Total District Expenditures	15,000	0	15,000	15,000	0
Project Contingency	0	0	0	0	0
Total Project:	1,707,163	764,923	928,761	1,693,684	13,479