Investment Grade Audit: Final Pricing and Scope Buildings & Grounds Presentation

December 13, 2023

Life Is On Schneider Electric

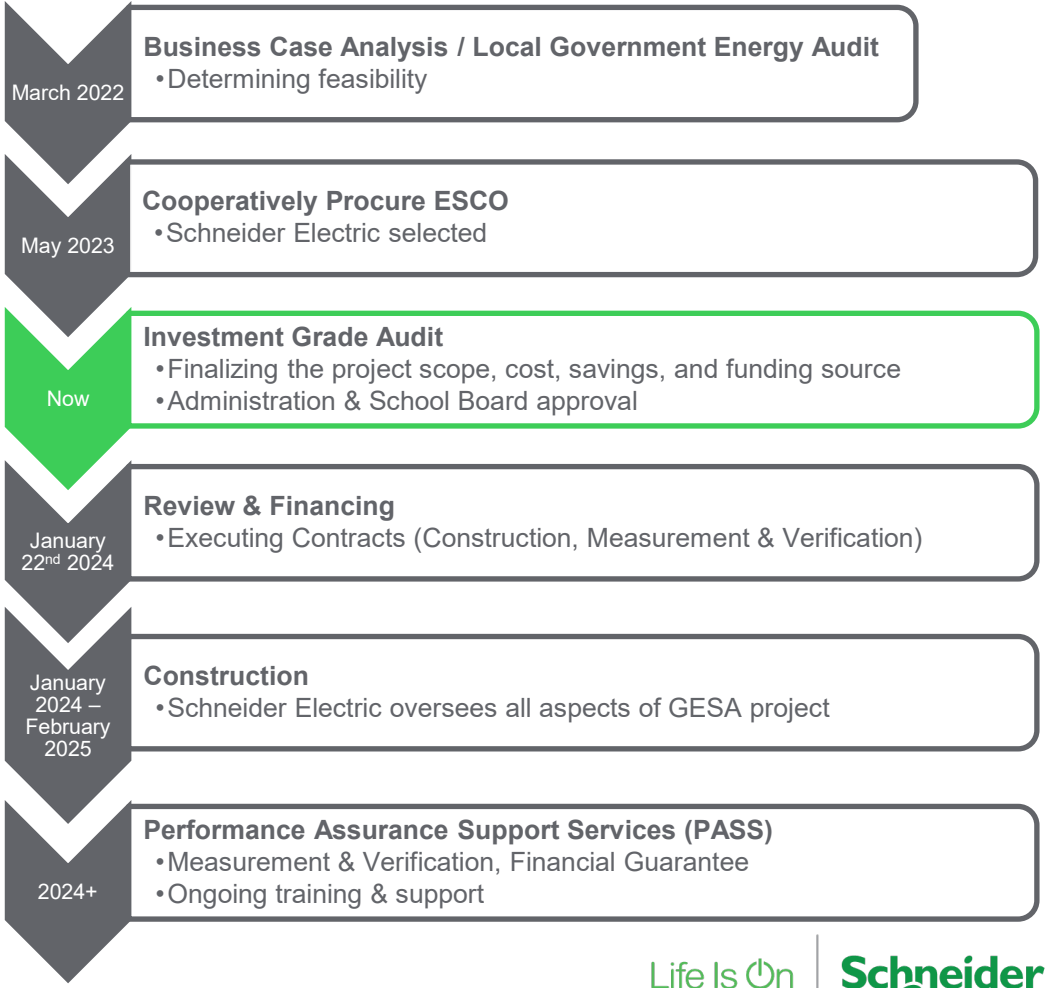
Agenda

1	Process
2	Scope Summary
3	Financial Impact
4	Summary
5	Next Steps

GESA Process

Goals of Presentation:

- Present Final Pricing and Associated Savings.
- Get Feedback On The Project That The B&G Wants To Pursue
- Answer Questions



Scope Summary

- Ground Mounted Solar at ES and HS **– Due to board feedback, roof mount specifically at the HS was evaluated.**
  - **Included in the solar project are two kiosks that provide students and teachers access to real time production (One for the ES and one for the HS)**
  - **Provide students access to workforce/curriculum development programs that are designed to qualify students for solar certifications and union apprenticeships programs**
- New Windows At ES – They will look like the test window we installed in the art room – **Any feedback?**
- Replace and Add Missing Key Components To Multi Stack Heat Pump Chiller System That You Currently Have
- Replace Air Cooled Chiller Serving Auditorium
- Replace Roof Top Unit at ES Admin Office – Improve Indoor Air Quality To Improve Health & Safety of Staff
- Controls Software Upgrade at HS and ES. This Will Maximize The New Equipment's Life Expectancy And Minimize Risks of Premature Failure.

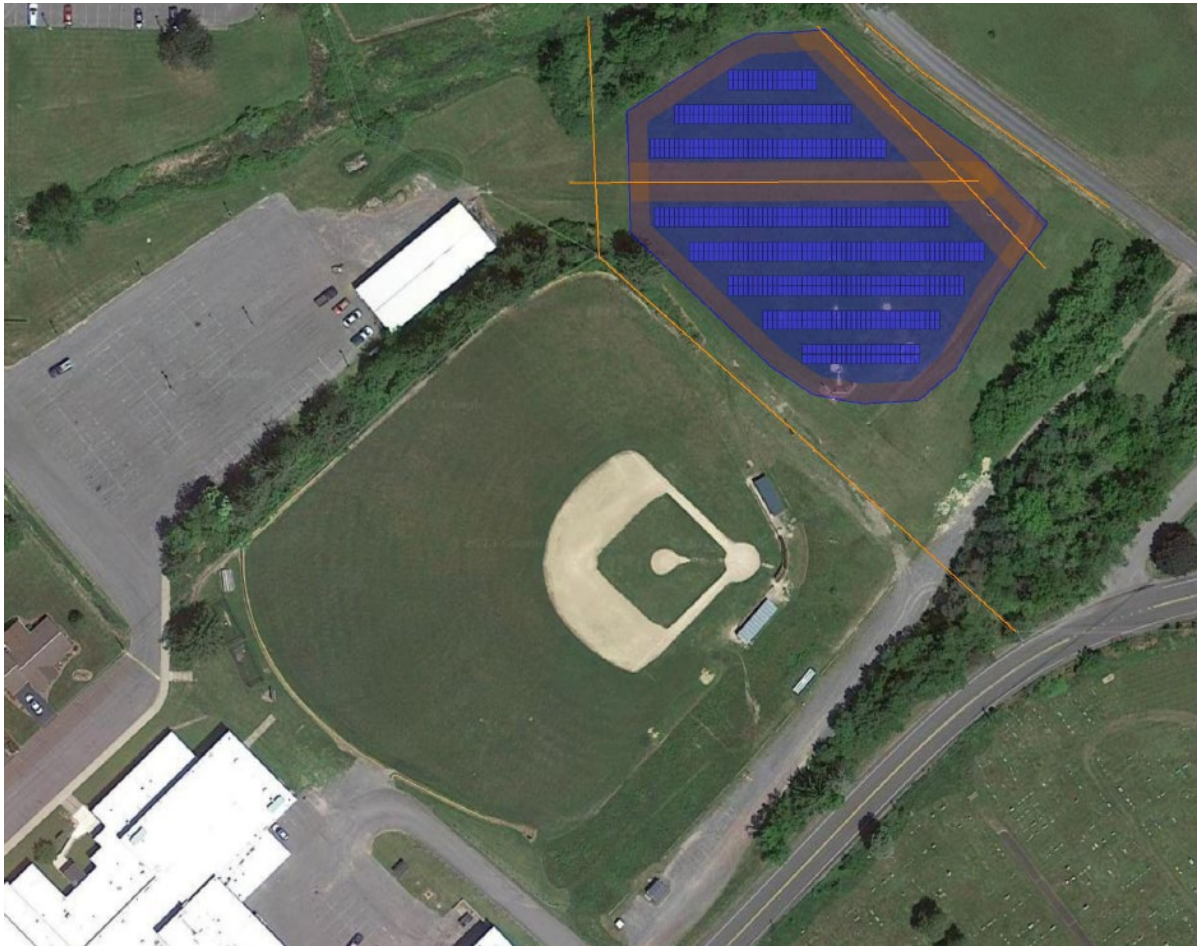
ES

Notes:

HS

Notes:

There is a Sanitary line that runs under this field - This was considered in the final layout and pricing.



2 Projects To Consider

Option	Project Price	Total Projected Savings (20-yrs)	Total Capital Injection (20-yrs)	Scope Description
Project A Comprehensive Project Solar Ownership With 50% Tax Credit	5,721,489	$2,924,403	$3,298,667	Solar Field to Offset HS and ES Electric, Replace and Re-design Multi-Stack Operation, Replace ES Windows, Fix ES Admin IAQ, and Slight Upgrade to Controls, Replace Air-Cooled Chiller Serving Auditorium
Project B Base Project No Solar	$3,063,790	$219,407	$3,858,216	Replace and Re-design Multi-Stack Operation, Replace ES Windows, Fix ES Admin Humidity, and Slight Upgrade to Controls, Replace Air-Cooled Chiller Serving Auditorium

Cash Flow Proforma With Solar Vs Without Solar

Cost of Construction [1]:	$ 5,721,489
District Contribution:	$ 2,400,000
Financing Costs:	
Total To Be Financed:	$ 3,321,489

Interest Rate: 4.15%

Year	Annual Electric Savings	Annual Propane Gas Savings	Annual Energy Savings	Solar REC Revenue	PPL Incentive+ 50% ITC Value [3]	Total Annual Savings / Revenue	Annual Project Costs	Net Cash-Flow to Client	Cumulative Cash Flow
Install	$ 45,093	$ 1,325	$ 46,418			$ 46,418			$ -
1	$ 90,187	$ 1,325	$ 91,512	$ 26,913	$ 26,913	$ 145,337	$ 247,658	$ (55,903)	$ (55,903)
2	$ 92,442	$ 1,358	$ 93,800	$ 26,778		$ 120,578	$ 247,658	$ (127,081)	$ (182,984)
3	$ 94,753	$ 1,392	$ 96,145	$ 26,644		$ 122,789	$ 247,658	$ (124,870)	$ (307,853)
4	$ 97,121	$ 1,427	$ 98,548	$ 26,511		$ 125,059	$ 247,658	$ (122,599)	$ (430,452)
5	$ 99,550	$ 1,462	$ 101,012	$ 26,378		$ 127,390	$ 247,658	$ (120,268)	$ (550,720)
6	$ 102,038	$ 1,499	$ 103,537	$ 26,246		$ 129,784	$ 247,658	$ (117,875)	$ (668,595)
7	$ 104,589	$ 1,536	$ 106,126	$ 26,115		$ 132,241	$ 247,658	$ (115,417)	$ (784,012)
8	$ 107,204	$ 1,575	$ 108,779	$ 25,985		$ 134,763	$ 247,658	$ (112,895)	$ (896,907)
9	$ 109,884	$ 1,614	$ 111,498	$ 25,855		$ 137,353	$ 247,658	$ (110,305)	$ (1,007,212)
10	$ 112,631	$ 1,655	$ 114,286	$ 25,725		$ 140,011	$ 247,658	$ (107,647)	$ (1,114,859)
11	$ 115,447	$ 1,696	$ 117,143	$ 25,597		$ 142,740	$ 247,658	$ (104,919)	$ (1,219,778)
12	$ 118,333	$ 1,738	$ 120,071	$ 25,469		$ 145,540	$ 247,658	$ (102,118)	$ (1,321,896)
13	$ 121,291	$ 1,782	$ 123,073	$ 25,341		$ 148,415	$ 247,658	$ (99,244)	$ (1,421,139)
14	$ 124,324	$ 1,826	$ 126,150	$ 25,215		$ 151,365	$ 247,658	$ (96,293)	$ (1,517,433)
15	$ 127,432	$ 1,872	$ 129,304	$ 25,089		$ 154,392	$ 247,658	$ (93,266)	$ (1,610,699)
16	$ 130,618	$ 1,919	$ 132,536	$ 24,963		$ 157,500	$ 247,658	$ (90,159)	$ (1,700,857)
17	$ 133,883	$ 1,967	$ 135,850	$ 24,838		$ 160,688	$ 247,658	$ (86,970)	$ (1,787,827)
18	$ 137,230	$ 2,016	$ 139,246	$ 24,714		$ 163,960	$ 247,658	$ (83,698)	$ (1,871,525)
19	$ 140,661	$ 2,066	$ 142,727	$ 24,591		$ 167,318	$ 247,658	$ (80,340)	$ (1,951,865)
20	$ 144,177	$ 2,118	$ 146,295	$ 24,468		$ 170,763	$ 247,658	$ (76,895)	$ (2,028,761)
Totals	**$ 2,348,888**	**$ 35,168**	**$ 2,384,056**	**$ 513,434**	**$ 26,913**	**$ 2,924,403**	**$ 4,953,164**	**$ (2,028,761)**	

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Install	$ 3,537	$ 1,325	$ 4,862	$ 4,862			$ -
1	$ 7,074	$ 1,325	$ 8,399	$ 8,399	$ 153,881	$ (140,620)	$ (140,620)
2	$ 7,251	$ 1,358	$ 8,609	$ 8,609	$ 153,881	$ (145,272)	$ (285,893)
3	$ 7,432	$ 1,392	$ 8,824	$ 8,824	$ 153,881	$ (145,057)	$ (430,950)
4	$ 7,618	$ 1,427	$ 9,045	$ 9,045	$ 153,881	$ (144,837)	$ (575,786)
5	$ 7,808	$ 1,462	$ 9,271	$ 9,271	$ 153,881	$ (144,610)	$ (720,397)
6	$ 8,004	$ 1,499	$ 9,502	$ 9,502	$ 153,881	$ (144,379)	$ (864,775)
7	$ 8,204	$ 1,536	$ 9,740	$ 9,740	$ 153,881	$ (144,141)	$ (1,008,916)
8	$ 8,409	$ 1,575	$ 9,984	$ 9,984	$ 153,881	$ (143,898)	$ (1,152,814)
9	$ 8,619	$ 1,614	$ 10,233	$ 10,233	$ 153,881	$ (143,648)	$ (1,296,462)
10	$ 8,834	$ 1,655	$ 10,489	$ 10,489	$ 153,881	$ (143,392)	$ (1,439,854)
11	$ 9,055	$ 1,696	$ 10,751	$ 10,751	$ 153,881	$ (143,130)	$ (1,582,984)
12	$ 9,282	$ 1,738	$ 11,020	$ 11,020	$ 153,881	$ (142,861)	$ (1,725,845)
13	$ 9,514	$ 1,782	$ 11,295	$ 11,295	$ 153,881	$ (142,586)	$ (1,868,431)
14	$ 9,752	$ 1,826	$ 11,578	$ 11,578	$ 153,881	$ (142,303)	$ (2,010,734)
15	$ 9,995	$ 1,872	$ 11,867	$ 11,867	$ 153,881	$ (142,014)	$ (2,152,748)
16	$ 10,245	$ 1,919	$ 12,164	$ 12,164	$ 153,881	$ (141,717)	$ (2,294,465)
17	$ 10,501	$ 1,967	$ 12,468	$ 12,468	$ 153,881	$ (141,413)	$ (2,435,878)
18	$ 10,764	$ 2,016	$ 12,780	$ 12,780	$ 153,881	$ (141,101)	$ (2,576,979)
19	$ 11,033	$ 2,066	$ 13,099	$ 13,099	$ 153,881	$ (140,782)	$ (2,717,761)
20	$ 11,309	$ 2,118	$ 13,427	$ 13,427	$ 153,881	$ (140,454)	$ (2,858,216)
Totals	**$ 184,239**	**$ 35,168**	**$ 219,407**	**$ 219,407**	**$ 3,077,622**	**$ (2,858,216)**	

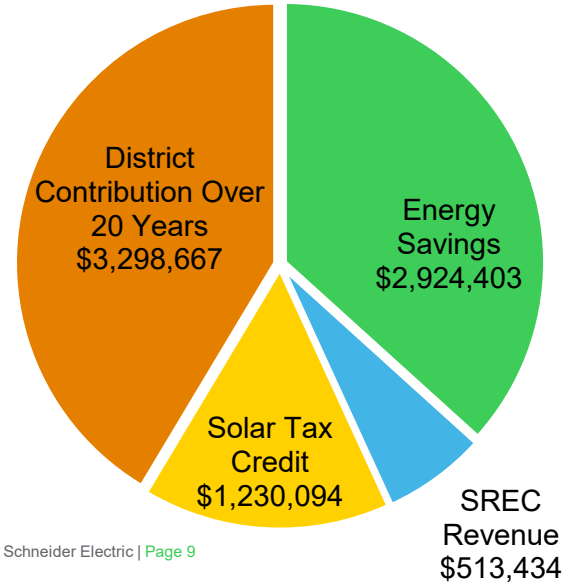
20-Year Energy Savings Project – Financials With Solar Vs. Without Solar

Total Project Value = $5,721,489

Funding Sources:

Energy & Operational Savings = $2,924,403

District Contribution Over 20 Years = $3,298,667



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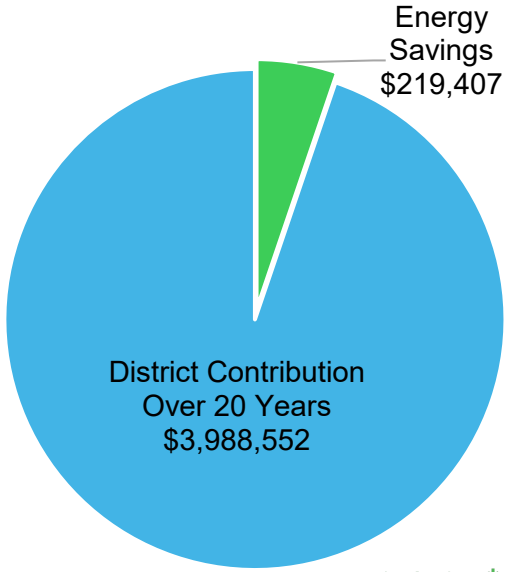

Next Steps

Evaluate Which Project :

- Present Both Projects to the Whole Board on December 18th
- Pick Which Project The Board Would Like To Pursue NLT January 3rd - **Sooner Would Be Better If There Is Common Agreement Among The Members**
- Get Approval On Final Contract From Solicitor – Needs Final Scope Items Before He Is Willing To Sign Off
- Get Financing Plan In Place Once Project Is Chosen
- Board Approval of Contract On January 22nd Meeting?
  - This Timeline Allows Us To Procure Materials With Long Lead Times, Ensuring Competitive Pricing And Constraining Building Construction To The Summer Season

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