ANNUAL REPORT

Performance Services

Woodridge School District 68

Year 2

May 2025 – April 2026

NAESCO ACCREDITED ENERGY SERVICE COMPANY

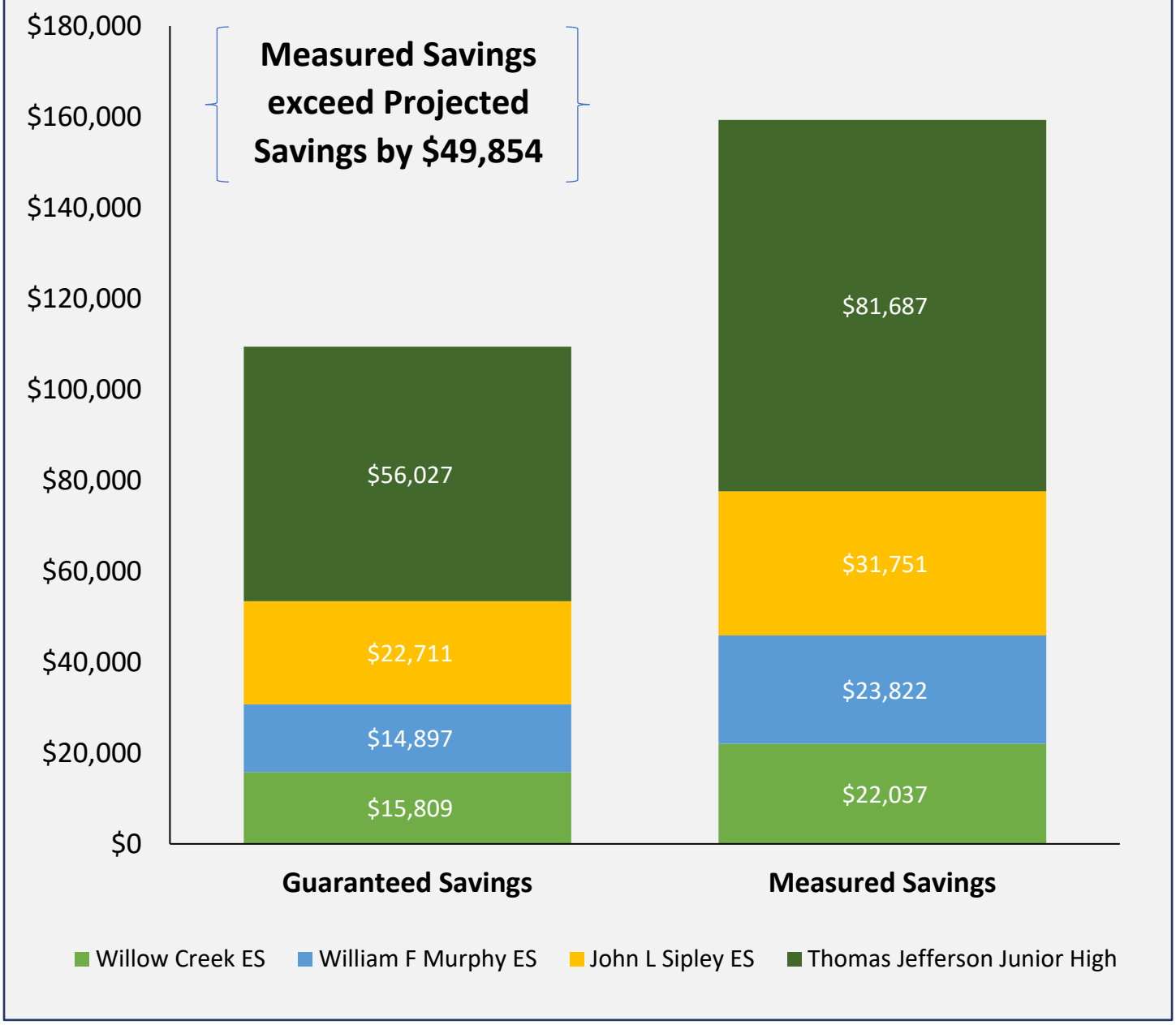
ENERGY STAR PARTNER

Performance Services, Inc.
700 East Butterfield Road, Suite 100 | Lombard, Illinois 60148
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Executive Summary

This Year 1 Annual Report provides an overview of the installation of Energy Conservation Measures (ECMs) at Woodridge School District 68. Our Performance Assurance team is committed to measuring and monitoring project performance, recognizing customer successes, and identifying opportunities for increased efficiency. The following Annual Savings table shows projected energy savings compared to actual savings measured for the period of May 2025 – April 2026. Measured savings of **$159,298** exceeded the projected savings of **$109,444** by **$49,854**.

Annual Financial Benefit



Project Description

In early 2024, Performance Services, Inc. (PSI) completed the installation of Energy Conservation Measures (ECMs) at Woodridge School District 68. The ECMs consisted of installing four roof-mounted solar photovoltaic (PV) systems at Willow Creek Elementary, William F. Murphy Elementary, John L. Sipley Elementary, and Thomas Jefferson Junior High.

Project Overview

Willow Creek Elementary

- System Size: 159.2 kW-DC / 125 kW-AC
- Talesun solar panels – qty. 398
- SMA inverters – qty. 2

William F. Murphy

- System Size: 150 kW-DC / 125 kW-AC
- Talesun solar panels – qty. 375
- SMA inverters – qty. 2

John L. Sipley Elementary

- System Size: 222.8 kW-DC / 175 kW-AC
- Talesun solar panels – qty. 557
- SMA inverters – qty. 3

Thomas Jefferson Junior High

- System Size: 555.2 kW-DC / 437.5 kW-AC
- Talesun solar panels – qty. 1388
- SMA inverters – qty. 7





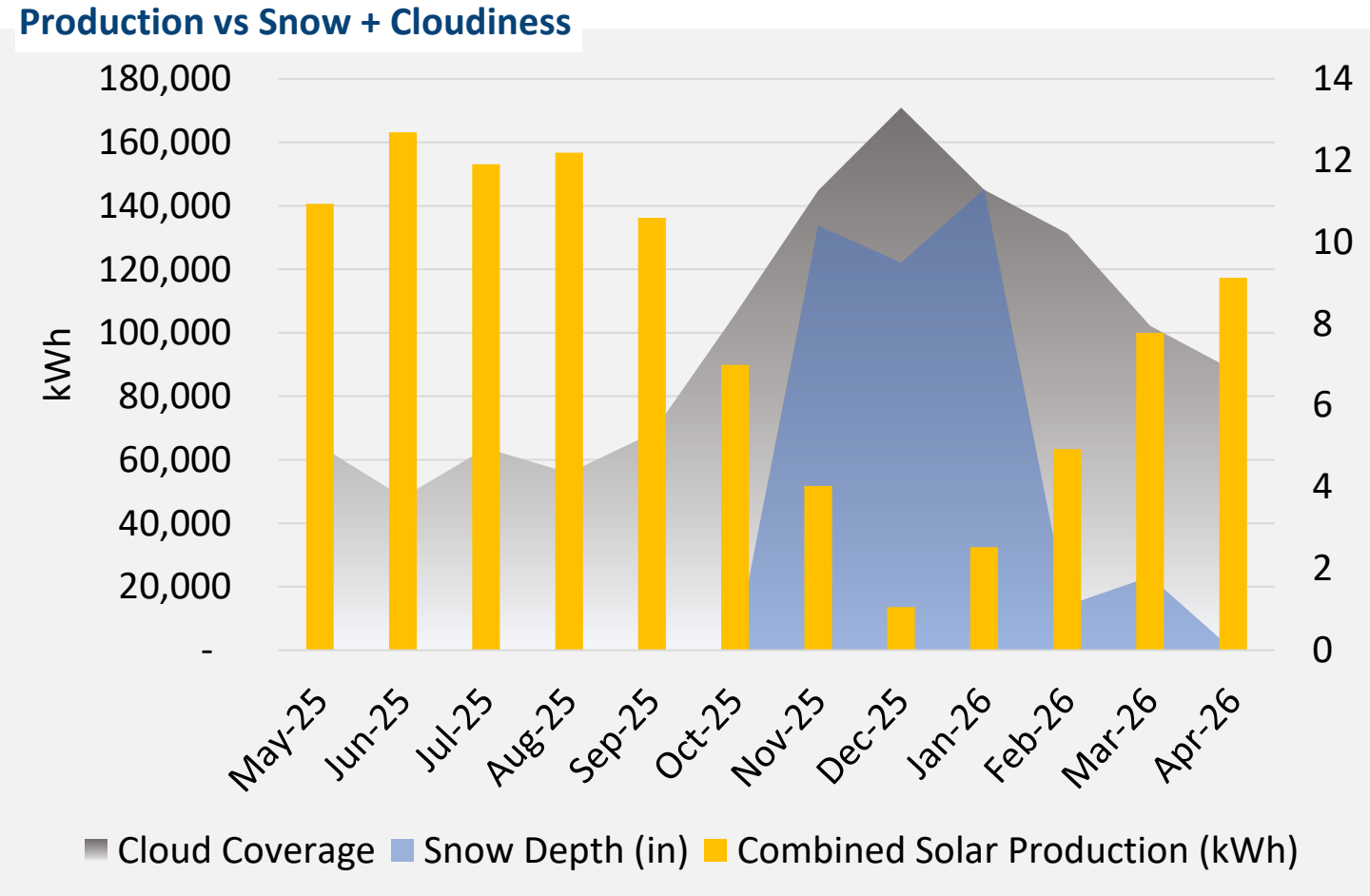
"The success of our Woodridge School District 68 Phase 1 solar project would not have been possible without the School District's welcoming, collaborative, and respectful culture. Working with Curt Saindon, Alex Gliwa, and Kyle Hansen was a true pleasure. Curt's enthusiasm and positivity was always a welcome addition to our project update meetings and Alex and Kyle's professionalism and willingness to help will always be deeply appreciated. Working with Woodridge School District staff and administrators was enjoyable from the very start. As a resident of District 68, I'm grateful and proud to have such a professional and dedicated team leading Woodridge School District 68."

Fernando Orihuela

SENIOR PROJECT MANAGER

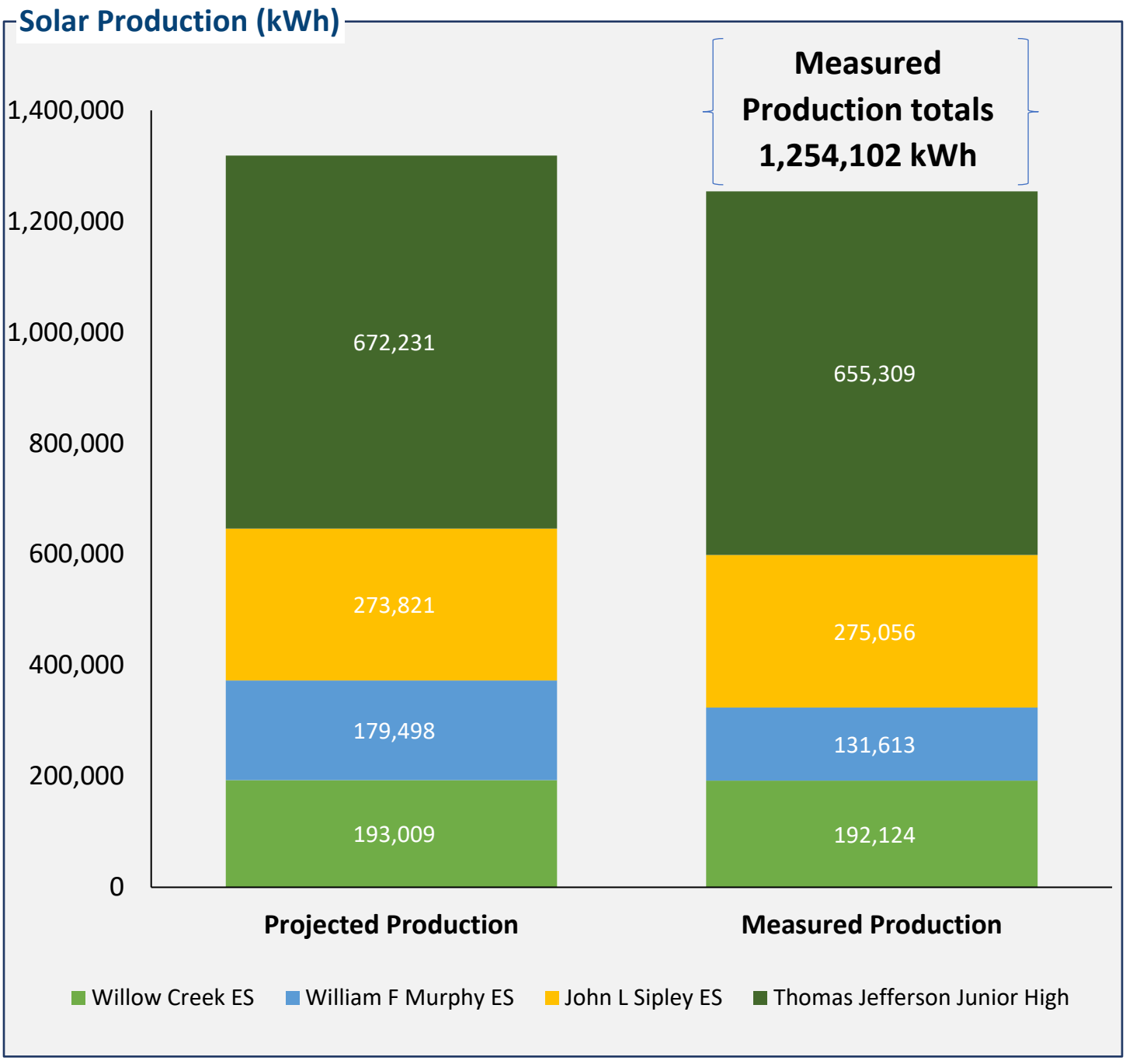
Weather Data

Weather and maintenance issues are the main factors that affect the amount of solar production each year. Cloud coverage and snowfall have a direct and inverse relationship with solar production. The following graph shows the correlation between year one solar production and the weather experienced during this period. The maintenance issues experienced during this period are outlined in the appendix.

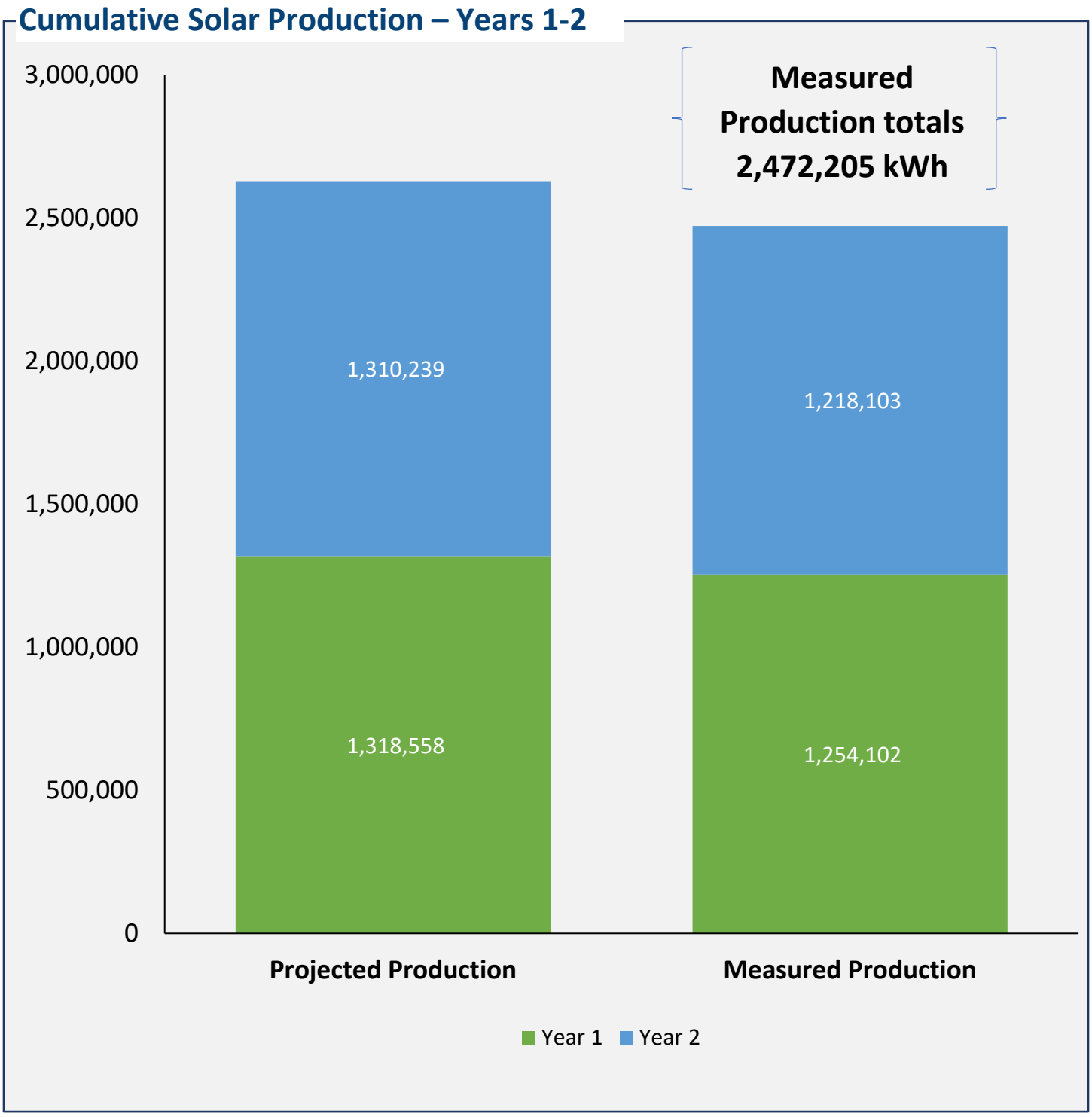


Solar Production Results

PSI estimates the energy production of solar PV systems by using sophisticated solar modeling software which incorporates historical weather data. Note that kWh projections are based on historic weather averages and serve as the context for understanding system performance. Actual kWh production depends on the weather, maintenance, and other factors.



The following Cumulative Solar Production table shows cumulative projected solar production compared to actual measured production during the monitoring term of May 2024– April 2026. Measured cumulative production over the past two years totals **2,472,205** kWh, coming within **6%** of the cumulative projection total of **2,628,797** kWh.

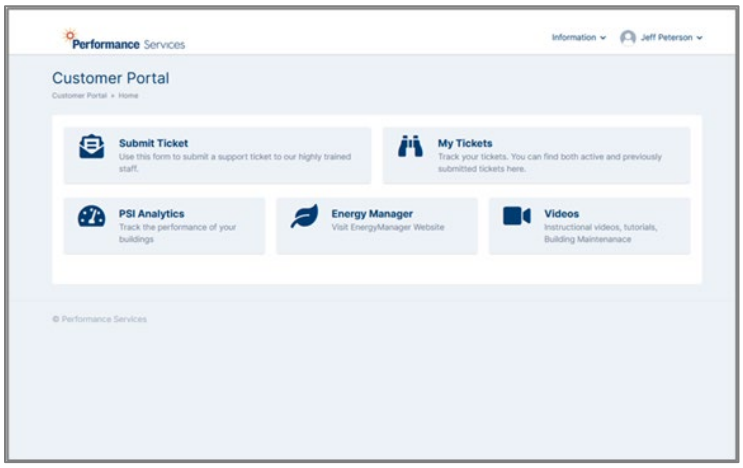


Customer Portal

Performance Services provides a **Customer Portal** to our customers with access to training videos, an in-depth searchable knowledge base, and a ticketing system to create and track work requests. This portal allows for ease of communication and ensures a convenient way to request assistance, and document system performance.

Customer Portal Data

- 10 tickets submitted for this phase
- 10 tickets submitted by customer
- All tickets resolved



Who We Are



Performance Services helps schools and local governments create better places to learn and work—on budget, on time, and guaranteed—through integrated design-build and energy-savings projects with one team accountable for results. Since 1998, our integrated, vendor-independent approach and sole accountability have delivered sustainable solutions, measurable savings, and 100% customer satisfaction.

What We Do

High-performance buildings and optimal environments delivered with 100% customer satisfaction.



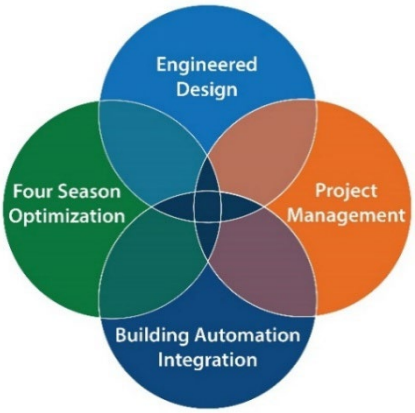






How We Do It

We plan, design, build, and optimize your project in-house—so quality stays high, schedules stay tight, and results are measured and guaranteed. Our cohesive, cross-disciplinary team collaborates from day one. From design through construction and post-project completion with our performance assurance team, we are dedicated to delivering spaces that work better for your people and your budget.



How We're Different

We lead planning, new construction, and major renovations with a **design-to-budget**, collaborative process that saves you time and money. One accountable team delivers transparent value and verified outcomes—with no surprises.

- **Multidisciplinary team** guiding you from plan to performance
- **Unparalleled performance guarantees** with measured results
- **No change orders**—scope and price stay fixed
- **Transparent, open-book pricing** for complete trust
- **Vendor-independent solutions** to get the best fit
- **Sole accountability**—one partner responsible for results

Contact for Assistance



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Performance
Services

Appendix

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Summary

PSI estimates the energy production of solar PV systems by using sophisticated solar modeling software which incorporates historical weather data. The production estimate is a prediction; the performance of solar PV is highly dependent upon weather and upkeep. Variations between the predicted and actual energy production are primarily due to variations between historical and actual weather conditions, or maintenance issues that might impact system performance.

Summary of Solar PV Production

Woodridge School District 68 Y2 (May 1, 2025 - April 30, 2026)			
	Projected kWh	Actual kWh	%
Willow Creek ES	191,791	179,293	93%
William F Murphy ES	178,366	148,931	83%
John L Sipley ES	272,093	259,107	95%
Thomas Jefferson Junior High	667,990	630,772	94%
Total	1,310,239	1,218,103	93%
Lifetime Total (Years 1-2)	2,628,797	2,472,205	94%

Summary of Energy Savings

Woodridge School District 68 Y2 (May 1, 2025 - April 30, 2026)			
Improvements	**Energy Savings**		
	Projected	**Calculated**	**Net**
Willow Creek ES			
* Consumption savings due to Solar PV System	$ 14,233	$ 19,144	$ 4,911
* Demand savings due to Solar PV System	$ 1,576	$ 2,893	$ 1,317
William F Murphy ES			
* Consumption savings due to Solar PV System	$ 13,237	$ 21,340	$ 8,103
* Demand savings due to Solar PV System	$ 1,660	$ 2,483	$ 823
John L Sipley ES			
* Consumption savings due to Solar PV System	$ 20,193	$ 27,172	$ 6,979
* Demand savings due to Solar PV System	$ 2,518	$ 4,579	$ 2,061
Thomas Jefferson Junior High			
* Consumption savings due to Solar PV System	$ 49,573	$ 69,690	$ 20,117
* Demand savings due to Solar PV System	$ 6,454	$ 11,997	$ 5,543
Combined			
* Consumption savings due to Solar PV System	$ 97,236	$ 137,345	$ 40,110
* Demand savings due to Solar PV System	$ 12,208	$ 21,952	$ 9,744
Total	$ 109,444	$ 159,298	$ 49,854
Lifetime Total (Years 1-2)	$ 219,504	$ 292,068	$ 72,563

Summary of Solar Operational Savings

Woodridge School District 68 Y2 (May 1, 2025 - April 30, 2026)			
Improvements	**Solar Operational Savings**		
	Guaranteed	**Calculated**	**Net**
Willow Creek ES			
* Savings due to SREC Income	$ 19,037	$ 19,037	$ -
William F Murphy ES			
* Savings due to SREC Income	$ 17,704	$ 17,704	$ -
John L Sipley ES			
* Savings due to SREC Income	$ 23,889	$ 23,889	$ -
Thomas Jefferson Junior High			
* Savings due to SREC Income	$ 54,315	$ 54,315	$ -
Total	$ 114,944	$ 114,944	$ -
Lifetime Total (Years 1-2)	$ 322,853	$ 322,853	$ -

Summary of Roofing Operational Savings

Woodridge School District 68 Y2 (May 1, 2025 - April 30, 2026)			
Improvements	**Roofing Operational Savings**		
	Projected	**Calculated**	**Net**
Willow Creek ES			
* Savings due to roof upgrade	$ 30,080	$ 30,080	$ -
William F Murphy ES			
* Savings due to roof upgrade	$ 5,738	$ 5,738	$ -
John L Sipley ES			
* Savings due to roof upgrade	$ 31,376	$ 31,376	$ -
Thomas Jefferson Junior High			
* Savings due to roof upgrade	$ 49,058	$ 49,058	$ -
Total	$ 116,252	$ 116,252	$ -
Lifetime Total (Years 1-2)	$ 232,504	$ 232,504	$ -

Solar Production Results – Monthly Detail

Solar PV Production

Woodridge School District 68						
Customer Site	Willow Creek ES			William F Murphy ES		
	Projected kWh	Actual kWh	%	Projected kWh	Actual kWh	%
May-25	24,794	23,285	94%	23,155	6,120	26%
Jun-25	25,039	25,162	100%	23,345	19,269	83%
Jul-25	26,007	22,693	87%	24,196	21,223	88%
Aug-25	21,468	23,054	107%	19,856	21,690	109%
Sep-25	17,362	20,467	118%	16,075	18,724	116%
Oct-25	13,582	14,463	106%	12,603	8,498	67%
Nov-25	7,443	7,993	107%	6,959	7,330	105%
Dec-25	5,777	1,982	34%	5,457	1,924	35%
Jan-26	6,181	4,149	67%	5,786	4,712	81%
Feb-26	8,838	9,458	107%	8,188	8,295	101%
Mar-26	15,146	15,049	99%	14,044	13,736	98%
Apr-26	20,155	11,539	57%	18,703	17,411	93%
Total	***191,791***	***179,293***	***93%***	***178,366***	***148,931***	***83%***

Woodridge School District 68						
Customer Site	John L Sipley ES			Thomas Jefferson Junior High		
	Projected kWh	Actual kWh	%	Projected kWh	Actual kWh	%
May-25	35,132	32,000	91%	86,508	79,214	92%
Jun-25	35,472	33,911	96%	87,300	84,861	97%
Jul-25	36,832	32,004	87%	90,710	77,132	85%
Aug-25	30,415	32,838	108%	74,813	79,118	106%
Sep-25	24,653	28,145	114%	60,523	68,852	114%
Oct-25	19,347	19,443	100%	47,337	47,474	100%
Nov-25	10,631	10,843	102%	25,811	25,610	99%
Dec-25	8,229	2,957	36%	19,887	6,677	34%
Jan-26	8,795	7,604	86%	21,263	15,998	75%
Feb-26	12,563	13,630	108%	30,736	31,966	104%
Mar-26	21,505	20,380	95%	52,860	50,801	96%
Apr-26	28,518	25,351	89%	70,240	63,069	90%
Total	***272,093***	***259,107***	***95%***	***667,990***	***630,772***	***94%***

Energy Savings Results – Consumption and Demand

Consumption savings resulting from solar production are calculated by multiplying the annual solar production (kWh) by the electric rate ($/kWh). The electric rate is sourced from the base year rate shown in the guarantee or the current year rate, whichever is higher. The current year rate is sourced from the customer electric invoices over the reporting period.

Calculated Energy Savings

Woodridge School District 68			
Customer Site	**Production kWh**	**Rate $/kWh**	**Savings $**
Willow Creek ES	179,293	$ 0.1068	$ 19,144
William F Murphy ES	148,931	$ 0.1433	$ 21,340
John L Sipley ES	259,107	$ 0.1049	$ 27,172
Thomas Jefferson Junior High	630,772	$ 0.1105	$ 69,690
Total	1,218,103	$ 0.1164	$ 137,345

Annual demand savings resulting from solar production are calculated by multiplying each building's demand savings (kW) stated in the guarantee by the demand rate ($/kW). The demand rate is sourced from the base year rate shown in the guarantee or the current year rate, whichever is higher. The current year rate is sourced from the customer electric invoices over the reporting period.

Calculated Demand Savings

Woodridge School District 68			
Customer Site	**Annual Reduction kW**	**Rate $/kW**	**Savings $**
Willow Creek ES	204	$ 14.1987	$ 2,893
William F Murphy ES	208	$ 11.9648	$ 2,483
John L Sipley ES	326	$ 14.0686	$ 4,579
Thomas Jefferson Junior High	849	$ 14.1351	$ 11,997
Total	1,586	$ 13.5918	$ 21,952

Maintenance Summary

- 5/7/25 – District notified PSI of login issues with the SMA inverters' Sunny Portal website. PSI examined and corrected the site permissions to resolve the issue.

William F. Murphy Elementary

- 3/11/2025 – Site went down again. PSI visited 3/12/25 and found the issue was due to a termination burning up. PSI trimmed the wires past the damaged insulation and re-terminated them. The inverter's terminal block itself is still intact, but some of the plastic casing is scorched, so PSI is ordering a replacement and swapping out the inverter's entire terminal block once it arrives. The inverter is back up and running in the meantime.
- 5/14/25 – District informed PSI that the site had gone offline. PSI verified that the same disconnect that had previously caused issues was not the cause. PSI scheduled Preferred Electric to visit the site on 6/5/25. Upon inspection, the AC terminal for Inverter 1 was found to have melted down, shorting the phase to each other, causing the disconnects to trip. Preferred used parts from a spare inverter in their shop to replace the damaged terminal block and resolve the issue. As of 7/16/25, the inverter was working properly.
- 10/1/25 – District submitted ticket due to site experiencing intermittent communication issues. Upon site visit 10/6/25 for related issue, PSI found Inverter 2 AC block terminal had failed. Preferred Electric was scheduled to repair the issue. As of 3/30/26, the communication issues had not occurred since 2/26/26.
- 3/5/26 – District submitted a ticket after Inverter 2 detected a ground fault in the PV array. PSI visited the site 3/9/26 and found a bad connector under Module 10 in String 9 of Inverter 2. PSI replaced the connector and brought the inverter back online.

Performance Guarantee Measurement

Performance Guarantee Overview

The Performance Guarantee Agreement executed between PSI and Woodridge School District 68 outlines the terms of the performance guarantee for this project. PSI estimates the energy production of solar PV systems by using sophisticated solar modeling software which incorporates historical weather data. The performance of solar PV is highly dependent upon weather. Since PSI cannot guarantee or control the weather, PSI instead guarantees system performance by taking a one-time measurement of the solar power output and associated ambient weather conditions. This measurement is then compared to the calculated power output that the system should generate at those weather conditions, per the formulas contained in the Performance Guarantee Agreement and included below for reference. If the measured power output exceeds the calculated power output, then it is assumed the system is performing as expected and the stipulated, guaranteed energy savings are achieved. Any variation between the stipulated savings and calculated savings is due to weather and/or operating parameters outside of PSI control.

Calculated Power Output Equation

$$GO_{AC} = (S_{IM} / (1000\ W/m^2)) \times NO_{SUM} \times TC \times PT \times IE \times DC$$

Where:

GO_{AC} =	Guaranteed AC output for all Solar PV systems combined (kW)
S_{IM} =	Measured solar irradiance (W/m^2)
NO_{SUM} =	Sum of all Solar Panels DC nameplate output (kW)
TC =	Solar panel temperature coefficient based upon the panel temperature at the time of test and solar panel manufacturer data (%)
PT =	Power tolerance coefficient based upon the lowest value of the range published by the solar panel manufacturer (%)
IE =	Inverter efficiency as published by the inverter manufacturer (%)
DC =	Sum of the derating coefficients shown on Schedule B for system losses, including: AC system, wiring, clipping, mismatch, shading, reflection, and soiling losses.

Guarantee Measurement Results

The following tables describe the results of the one-time guarantee measurement, which was performed on 4/3/2025. (The one-time guarantee measurement was performed on March 29, 2024.) The measured power output exceeded the calculated power output, therefore the guaranteed energy savings had been achieved, per the terms of the Performance Guarantee Agreement. Any variation between guaranteed savings and calculated savings is due to weather and/or operating parameters outside of PSI control.

Performance Guarantee Measurement Results

Customer	Woodridge SD 68			
	Willow Creek ES	William F Murphy ES	John L Sipley ES	Thomas Jefferson JHS
Time of Day	12:30 PM	12:30 PM	12:30 PM	12:30 PM
Solar Irradiance (W/m^2)	813	813	813	813
Panel Temperature (°C)	35	35	35	35
Calculated AC Output (kW)	104	96	147	360
Measured AC Output (kW)	118	110	167	408
Guarantee Achieved?	**YES**	**YES**	**YES**	**YES**

Customer	Woodridge SD 68			
	Willow Creek ES	William F Murphy ES	John L Sipley ES	Thomas Jefferson JHS
SI_M =	813	813	813	813
NO_{SUM} =	159	150	223	555
TC =	96.6%	96.6%	96.6%	96.6%
PT =	100.0%	100.0%	100.0%	100.0%
IE =	98.0%	98.0%	98.0%	98.0%
Derating Coefficients (DC)				
AC System =	2.0%	3.0%	2.0%	2.0%
Wiring =	0.3%	0.3%	0.3%	0.3%
Clipping =	0.2%	0.0%	0.2%	0.2%
Mismatch =	4.6%	4.4%	3.8%	4.5%
Shading =	0.9%	1.3%	0.5%	1.4%
Reflection =	3.7%	3.7%	3.7%	3.6%
Soiling =	3.7%	3.7%	3.7%	3.7%
Total DC =	84.6%	83.6%	85.8%	84.3%
GO_{AC} =	**104**	**96**	**147**	**360**
AC $Output_M$ =	**118.11**	**110.48**	**166.93**	**408.21**

Utility Bill Comparison

The following table compares the base year consumption and demand at the current year rate to the consumption and demand of the current year. The data is gathered from the utility invoices from the base year and from the utility invoices from the current year. The consumption and demand savings between the base year and the current year total **$172,583**.

Timeframe			ELECTRIC SAVINGS - CONSUMPTION						
Base Year	Current Year	Month	Current Year Rate ($/kWh)	Base Year Consumption (kWh)	Adjusted Base Year Cost ($)	Current Year Consumption (kWh)	Current Year Cost ($)	Consumption Savings (kWh)	Cost Savings ($)
2021	2025	May	$ 0.1164	107,932	$ 12,558	(19,655)	$ (2,287)	127,588	$ 14,845
2021	2025	Jun	$ 0.1164	95,464	$ 11,108	(59,909)	$ (6,971)	155,373	$ 18,078
2021	2025	Jul	$ 0.1164	97,191	$ 11,308	(49,694)	$ (5,782)	146,885	$ 17,091
2021	2025	Aug	$ 0.1164	125,689	$ 14,624	(19,176)	$ (2,231)	144,864	$ 16,855
2021	2025	Sep	$ 0.1164	162,578	$ 18,916	(7,747)	$ (901)	170,324	$ 19,818
2021	2025	Oct	$ 0.1164	109,964	$ 12,795	33,075	$ 3,848	76,889	$ 8,946
2021	2025	Nov	$ 0.1164	99,256	$ 11,549	44,983	$ 5,234	54,273	$ 6,315
2021	2025	Dec	$ 0.1164	106,762	$ 12,422	86,108	$ 10,019	20,654	$ 2,403
2021	2026	Jan	$ 0.1164	114,698	$ 13,345	71,703	$ 8,343	42,995	$ 5,003
2021	2026	Feb	$ 0.1164	128,937	$ 15,002	42,511	$ 4,946	86,426	$ 10,056
2021	2026	Mar	$ 0.1164	116,628	$ 13,570	11,705	$ 1,362	104,923	$ 12,208
2021	2026	Apr	$ 0.1164	95,651	$ 11,129	8,177	$ 951	87,474	$ 10,178
Total			$ 0.1164	1,360,750	$ 158,328	142,082	$ 16,532	1,218,668	**$ 141,796**

Timeframe			ELECTRIC SAVINGS - DEMAND						
Base Year	Current Year	Month	Current Year Rate ($/kW)	Base Year Demand (kW)	Adjusted Base Year Cost ($)	Current Year Demand (kW)	Current Year Cost ($)	Demand Savings (kW)	Cost Savings ($)
2021	2025	May	$ 13.5918	558	$ 7,580	313	$ 4,254	245	$ 3,326
2021	2025	Jun	$ 13.5918	480	$ 6,518	275	$ 3,741	204	$ 2,777
2021	2025	Jul	$ 13.5918	469	$ 6,378	313	$ 4,253	156	$ 2,125
2021	2025	Aug	$ 13.5918	752	$ 10,217	293	$ 3,980	459	$ 6,236
2021	2025	Sep	$ 13.5918	697	$ 9,470	360	$ 4,890	337	$ 4,580
2021	2025	Oct	$ 13.5918	512	$ 6,960	374	$ 5,088	138	$ 1,873
2021	2025	Nov	$ 13.5918	370	$ 5,031	189	$ 2,572	181	$ 2,459
2021	2025	Dec	$ 13.5918	346	$ 4,704	326	$ 4,430	20	$ 274
2021	2026	Jan	$ 13.5918	363	$ 4,933	267	$ 3,635	96	$ 1,298
2021	2026	Feb	$ 13.5918	371	$ 5,045	247	$ 3,362	124	$ 1,683
2021	2026	Mar	$ 13.5918	477	$ 6,486	285	$ 3,868	193	$ 2,618
2021	2026	Apr	$ 13.5918	526	$ 7,148	413	$ 5,611	113	$ 1,537
Total			$ 13.5918	5,920	$ 80,470	3,655	$ 49,683	2,265	**$ 30,787**

Total Savings: $ 172,583