



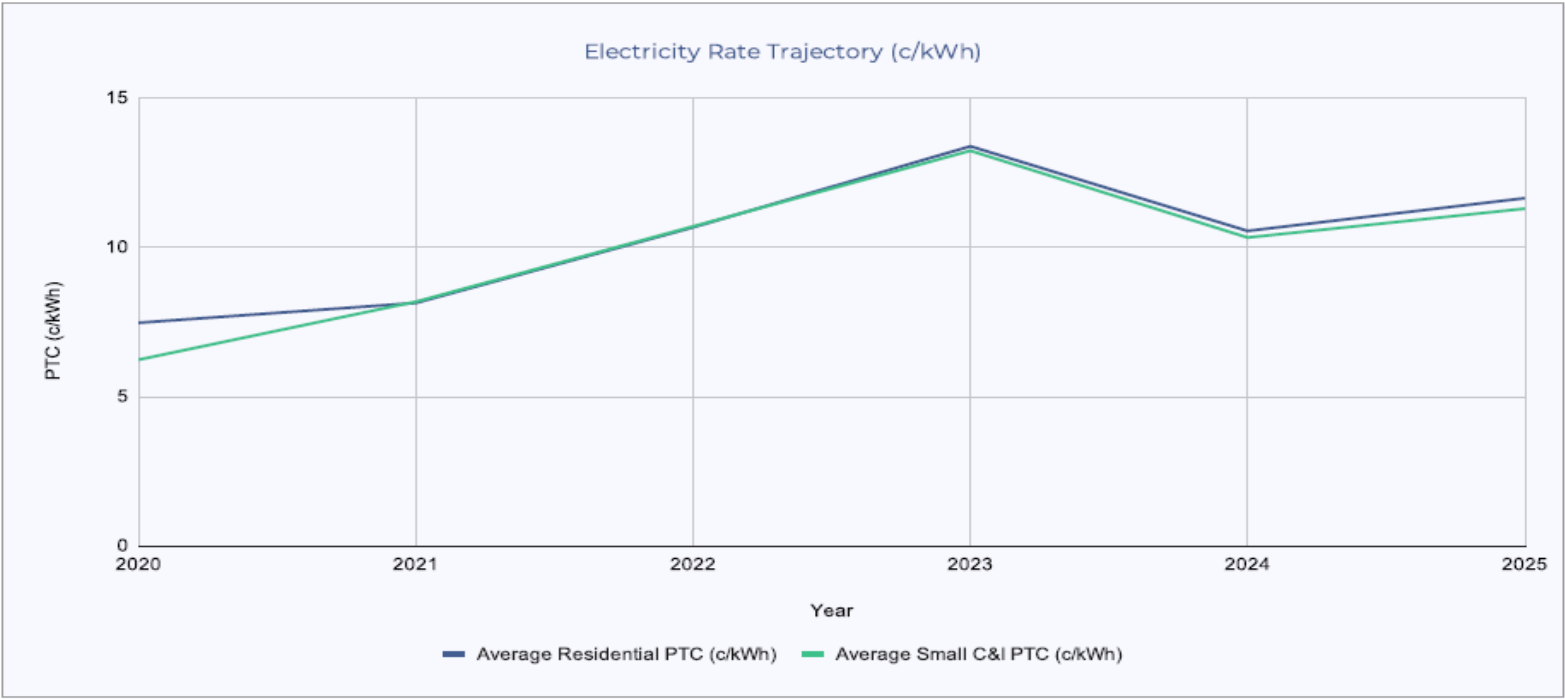
Solar Energy Opportunity

PP&L Electricity Rate Inflation Summary (2020-2025)

Residential YoY Change (5-Yr)
10.95%

Small C&I YoY Change (5-Yr)
14.65%

Year	Average Residential PTC (c/kWh)	Residential YoY Change (%)	Average Small C&I PTC (c/kWh)	Small C&I YoY Change (%)
2025	11.631	10.41%	11.28	9.39%
2024	10.534	-21.21%	10.312	-22.00%
2023	13.369	25.49%	13.22	23.72%
2022	10.654	31.18%	10.685	30.90%
2021	8.121	8.89%	8.163	31.24%
2020	7.458	-	6.22	-



Why Solar Energy?

- ▶ Increasing cost of electricity: demand exceeding supply
 - ▶ Parish house electricity usage averages 176,960 kWh/year
- ▶ Savings in electricity bill repays the system cost over time
- ▶ Reduce fossil fuel carbon emissions
 - ▶ Promotes cleaner air
 - ▶ Lowers green house gases contributing to global climate change
 - ▶ Responsible stewardship of God's creation

Solicitation of Solar System Proposals from two firms.



- ▶ Headquarters in Paradise, PA
- ▶ Founded in 2009
- ▶ Over 100 employees
- ▶ Projects in eight states
- ▶ Over 2,600 solar energy customers
- ▶ Residential, commercial, non-profit customers



- ▶ Headquarters in Lancaster, PA
- ▶ Founded in 2017 - previously a division of Kautz Construction
- ▶ Over 10 employees
- ▶ Projects in PA and NJ
- ▶ Primarily focused on large commercial installations

Selected System Layout

- ▶ System design size: 136.84 kW
- ▶ 311 solar panels
- ▶ Estimated usage covered by solar: 73%
- ▶ Energy usage savings over 30 years: \$933,121
- ▶ PA SREC income over 30 years: \$26,671
- ▶ CO² tons offset/year: 100.5
- ▶ Oil barrel offset/year: 211.9
- ▶ Tree offset/year: 2,338.9 trees



Vendor selection

- ▶ Paradise Energy Solutions proposal selected for the following reasons:
 - ▶ Experience and number of completed projects
 - ▶ Proposal responsiveness, completeness, and presentation
 - ▶ Triple Ten Guarantee
 - ▶ 10-year electricity production guarantee
 - ▶ 10-year workmanship guarantee on installation
 - ▶ 10-year production tracking to ensure optimal performance

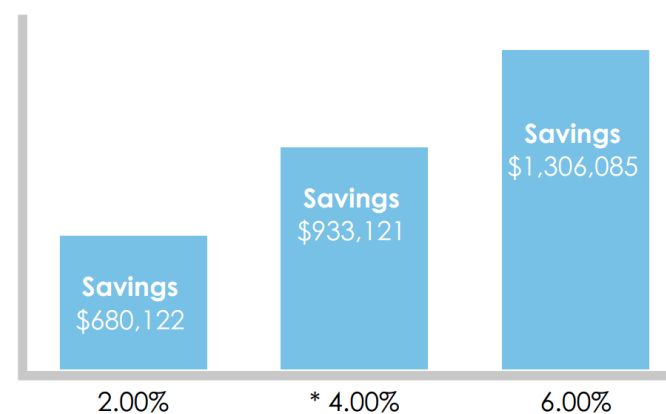
Solar System Financial Incentives

- ▶ 40% IRS tax credit
 - ▶ To earn this credit, contract was signed with 5% downpayment for material by July 1, 2026
 - ▶ Projects must be completed within 4 years of signed contract
 - ▶ \$140,400 direct tax credit
- ▶ PA Solar Renewable Energy Credits (SREC) income
 - ▶ Based on total electricity generated by solar system
 - ▶ Credits are earned throughout the system lifetime
 - ▶ \$26,671 projected over 30 years

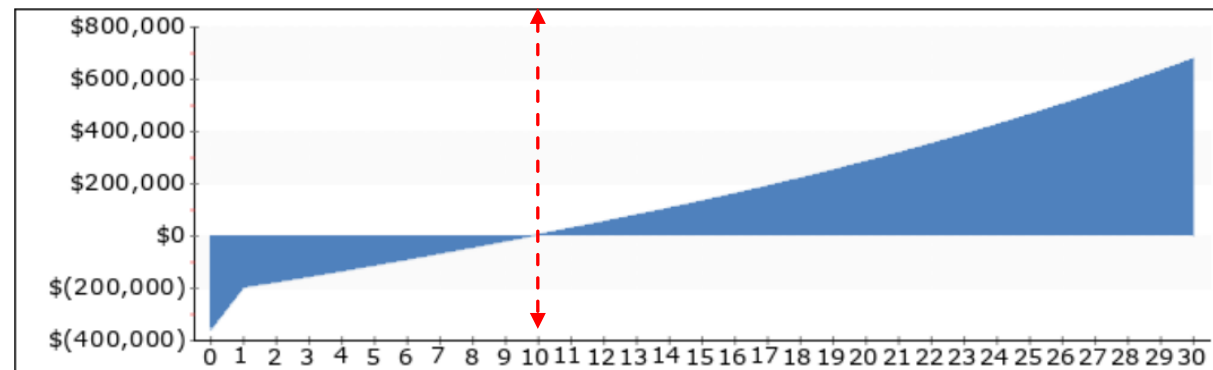
30-Year Projections: 136.84 kW System

- ▶ Total installed cost: \$351,000
- ▶ IRS 40% rebate: \$140,400
- ▶ Net cost: \$210,600
- ▶ Operating costs: \$64,496
- ▶ PA SREC payments: \$26,671
- ▶ Electricity savings: \$933,121
- ▶ Net savings/income: \$684,696

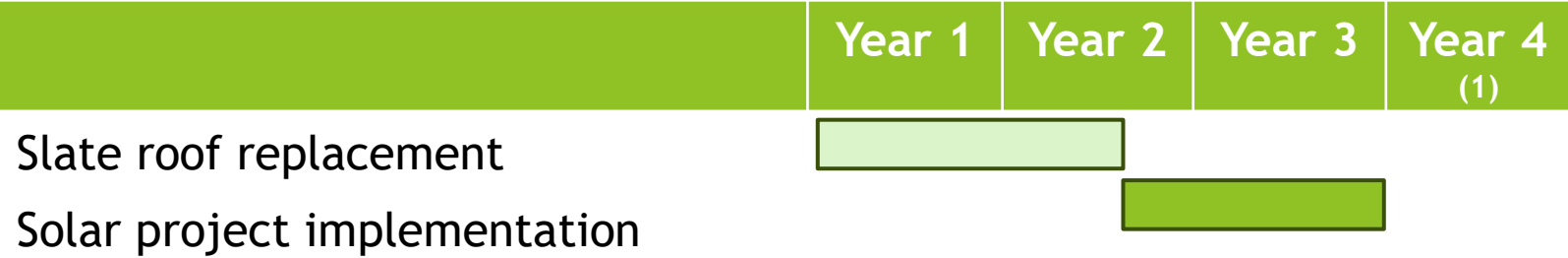
Savings Based on 4% Annual Inflation



Cumulative Cash Flow



Solar Project Timeline



(1) IRS Tax Credit requires project completion within 4 years of signed contract

PROPOSED PROJECT SCHEDULE	
Approx. Start Date:	5-10 months after project development payment and signing of contract
Approx. End Date:	19 business days after start date

Why a New Roof is Needed:

- Current Roof is 72 years old and deteriorating.
- Metal Standing Seam Metal roof has been chosen given its longevity and value.
- Allows for easy solar panel attachment
- Dry -rotted sides of the cupola to be replaced with composite

Roof Bid Process:

- 5 bids received
- Considerations:
 - Workmanship Warranty (10 years)
 - Manufacturer's Warranty 40 years)
- Flexibility working with our parking lot obligations and needs
- Price