



Solar For Schools Consulting



Services Offered

- **Solar Assessment:**
 - Conduct remote assessments of school buildings to determine solar feasibility and evaluate roof conditions.
 - Design panel layout for rooftop, ground-mount or carport installation
 - Perform shading analysis, model energy production over time, and assess energy needs.
 - Meet with facilities managers to discuss the school building's energy systems (HVAC, electrical panel, metering and any future energy system plans)
- **Proposal Creation:**
 - Develop detailed solar proposals that depict the layout, location and square footage of solar arrays
 - Propose specific solar racking, inverter and electrical equipment
 - Estimate cost of engineering, permitting, installation and long term maintenance
 - Conduct detailed financial benefit analysis
 - Projected electrical savings based on expected solar production
 - Analysis of Federal Incentives - Inflation Reduction Act (IRA)
 - Direct Pay - Investment Tax Credit (ITC)
 - Low Incomes Communities Bonus Credit (LIC)
 - Energy Communities Tax Credit Bonus (EC)
 - Domestic Content Bonus Adder (DC)
 - Tailor proposals to meet the specific requirements of Pennsylvania's new **Solar for Schools (S4S) Grant Program**
 - Meet the requirements of the "Solar Facility Site Assessment" to maximize the chances of receiving funding.
- **Grant Application Assistance:**
 - Guide school districts through the application process for the Solar for Schools Grant Program.
 - Assist with the procurement and development of the "Supplemental Information" associated with the Solar For Schools Grant - including the Project Description, Solar Curriculum, Map, Utility Letter of Support, and Planning Letter.

Solar Possible has been confirmed by the Department of Community Economic Development to be a "[Qualified Provider](#)" for the Solar for Schools Grant Program.



Consulting Services Pricing



- **First Consultation and Feasibility Discussion (FREE)**
 - Video conference - 1 Hour meeting to discuss:
 - Preferred solar installation locations and feasibility
 - Building energy systems and roof quality
 - Available state grant funding and federal incentives
 - Relevant details for timeline and grant submission
- **Solar Facility Site Assessment (\$1,500)**
 - Solar Layout Design
 - Create 3D rendering using latest solar design software
 - Shade modeling and annual solar electrical production estimates
 - Share maps/images depicting location and square footage of solar arrays
 - Energy Demand Assessment
 - Review one year's worth of electrical bills
 - Communicate with Facilities Manager about existing electrical and energy systems and any expected future energy system upgrades or repairs
 - Financial Analysis
 - Estimated solar installation cost
 - 25 year Electricity cost savings projection
 - Analysis of available State and Federal solar incentives
 - Expected Return On Investment (ROI) and payback period
 - Maintenance and Operation Plan
 - Outline a plan and projected costs associated with long term operation and maintenance of solar photovoltaic system
- **Grant Application Assistance (\$1,000)**
 - Preparing additional documents for Solar For Schools (S4S) Grant Program
 - Ongoing communication with school Facilities and Administration staff
 - Assist with the creation and procurement of all "Supplemental Information"
 - Timely preparation of materials in advance of grant deadlines

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Previous School Solar Designs



Cristo Rey Philadelphia High School

272 kW - Designed 2023, Installed 2024



Prodigy Learning Center

116 kW - Designed 2021, Installed 2023

