



Solar Grants for Delaware Public School Districts



www.energizedelaware.org/solar-for-school-districts-grant/

12.14.2022



About DESEU – Energize Delaware

The Delaware Sustainable Energy Utility (DESEU) was created by the Legislature in 2007 to deliver energy efficiency and renewable energy services to Delaware households and businesses.

Mission of the DESEU

Inspiring sustainable energy solutions for a thriving environment and economy.



Solar Grants for Delaware Public Schools

- \$15 Million for Grants in FY 22
- Goal 19 grants
- Grant allocation \$105 per student, at least \$500,000 per district
- Feasibility study required by installer or independent consultant
- Can be roof, ground or carport systems
- Installation and Utility Upgrades included
- Batteries included (optional)

School District Funding Allocation

School	Enrollment	Maximum Grant Funding
Red Clay	14837	\$ 1,557,885.00
Christina	13553	\$ 1,423,065.00
Appoquinimink	12466	\$ 1,308,930.00
Indian River School District	10651	\$ 1,118,355.00
Brandywine	10401	\$ 1,092,105.00
Colonial	9531	\$ 1,000,755.00
Caesar	7741	\$ 812,805.00
Capital	6384	\$ 670,320.00
Cape	6078	\$ 638,190.00
Smyrna	6034	\$ 633,570.00
NCC Vo-tech	4726	\$ 500,000.00
Milford	4389	\$ 500,000.00
Lake Forest	3544	\$ 500,000.00
Seaford	3276	\$ 500,000.00
Laurel	2566	\$ 500,000.00
Woodbridge	2495	\$ 500,000.00
Delmar	1424	\$ 500,000.00
Sussex Tech	1306	\$ 500,000.00
Polytech	1196	\$ 500,000.00

Application Overview

- Applications will be accepted after December 14th, 2022
- There is no application deadline
- Applications will be accepted until all funds have been allocated.



Application Guidelines

- Schools will be required to report production on an annual basis for the first three years in service
- Grants will be active for a period of 24 months
- Third party system ownership with Power Purchase Agreements are not eligible for funding through this grant
- Schools will maintain ownership of SRECs generated by a project.

Selection Criteria

- Reasonable cost per watt
- How much energy is being offset by the system
- Quality and depth of feasibility study
- Age of Roof
- Age of Building
- Ground Mount vs Roof Mount reasoning
- Energy Efficiency of building weatherization/insulation
- Use of batteries (emergency backup and/or resiliency)

Selection Criteria

- Newer schools and schools under construction may be more favorable
- School District collaboration is encouraged
- Project readiness
- How will the installed solar PV system be incorporated into the school curriculum?

Beginning of the Application

Applicant Summary Information

School District	
School(s) Proposed	
Total Annual Energy Usage (kWh)	
Requested Funds (Dollars)	
Utility Provider	
Have you contacted utility provider about interconnection capacity at your location?	
Is the system designed for emergency backup?	
Is this a collaborative Project? If so with what district(s)?	
What is the Expected Installation Date?	
Did this grant application require School Board approval? (Yes/No)	

The Application

Primary Contact Information

Primary Contact	
Phone	
Email	
Mailing address	

Other Contacts

	Name	Phone	Email
Superintendent			
Chief Financial Officer			
Principal (s)			
Facility Manager			
Other			

Feasibility Grant Requirements

A Feasibility Study or Renewable Energy Assessment is Required

Things to Consider:

- Does the location get enough sunlight?
- Analysis of the existing Electrical usage
- Was an engineering study done?
- Why were the components selected for this project?
- What is the yearly expected output of energy
- Does the substation feeding the school allow for interconnection?
- Will and transformer upgrade be needed?

Feasibility Grant Requests

Does your school already have a completed feasibility study for your solar project? If yes, please complete the table below and submit your study as a separate pdf with your completed application.

Study Prepared By:	
Date Study Completed	
Does the Study Cover the Complete Solar Array Project? Please Explain	



Feasibility Study Grant Request

What Firm is Completing Your Feasibility Study?	
Estimated Cost of the Feasibility Study?	
Estimated Date of Completion	
Feasibility Grant request Amount	

Total Requested Feasibility Grant Funds _____





Solar Grant Request

Solar Contractor Description:

Name of Contractor	
Contractor's Business Address	
List of Subcontractors (if any)	

System Description:

What type of panels and wattage is being recommended?	
What type of Inverter System will be used? (String, Microinverter, Other?)	
How is production from system monitored?	
PV System Meter for system production? Smart Meter?	
Does the system include a Warranty for equipment, parts, and labor?	<input type="checkbox"/> Yes <input type="checkbox"/> No

Solar System Location(s)

	School #1	School #2	School #3
School Name			
Address			
Year Built			
Age of roof & roof material (if applicable)			
Student population			
Utility Company			
Utility upgrade required (Y/N)			
Size of system			
Are batteries part of the system? (Y/N)			
What is the capacity of the batteries?			
What is the estimated energy offset?			
How will the system be mounted? (Roof, Ground, Carport, etc.)			
What <u>is</u> the solar systems compass azimuth for each mounting direction?			
What is the Total Solar Resource Factor for the system (TSRF)?			
Estimated time to installation?			

Solar System Cost Breakdown

Cost Share	School 1	School 2	School 3
Energize Delaware Funds requested			
School District Funds (Not Required)			

	Energize DE Grant Request	School 1	School 2	School 3	Total
Feasibility Study					
Installation Cost					
Battery Cost					
Estimated Utility Upgrade Costs or 15% of project budget					
Cost Share (Not Required)					
Estimated time to completion					

History of Sustainability

We will look favorably upon those applicants that already have established sustainability plans and have a history of clean energy and renewable practices. We do acknowledge that everyone must start somewhere.



Grant requests can include:

- Required utility upgrades
- Meter upgrades
- Electric panel upgrades
- Installation costs
- Safety barriers, fencing
- Signage
- If Utility upgrade costs are not known, please reserve 15% of the project cost as a contingency fund

Grant Disbursements

Grant Disbursement for Solar Array Installation Grants:

Energize Delaware will transfer 50% of the invoiced or contract amount when the school district provides documentation that a solar array component purchase order has been approved. And 50% upon receiving upon installation scheduling date.



Contact Information

Keith Modzelewski

keith@deseu.org

302-883-3048 x 111

Suzanne E. Sebastian

Suzanne.Sebastian@deseu.org

302-883-3048 x 103

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500 W. Loockerman Street, Suite 400 Dover, DE 19904