

WORKING WITH MUNICIPALITIES AND COOPERATIVES

SolUnesco has a successful history working closely with municipal utilities and electric cooperatives to bring energy projects to fruition. The process can often involve multi-level agreements and negotiations with numerous organizations, a process we are well-suited for with our “boots on the ground” community outreach and engagement approach. Two examples of this experience below:

Dover Sun Park - Dover, DE Municipal Electric System

SolUnesco led the development of a \$50 million, 10-megawatt solar power plant in Dover, Delaware. The team negotiated five-party Power Purchase Agreements (PPA), Lease, and Interconnect; conducted market and financial analyses including 25-year electricity prices, capacity value, ancillary services value, and Renewable Energy Certificate (REC) prices; and negotiated the legislative and regulatory arenas.

The project required agreements between Dover, DE, LS Power, Delaware Municipal Electric Corporation and Delmarva Power. We contracted with all municipal utilities to move this project forward. In addition, Delaware passed legislation to allow the Solar Renewable Energy Credits (SREC) to be banked for a period sufficient to minimize the impact to the environmental attributes market.



Apple Grove Solar

Apple Grove Solar - Rappahannock Cooperative

Apple Grove Solar is a 15 MW-AC solar project in Louisa County, Virginia, which connects to Rappahannock Electric Cooperative’s grid through an existing distribution line.

SolUnesco originated this project, securing land rights in 2019, and led successful efforts to achieve a Special Exception Permit from Louisa County, interconnection with REC, and early-stage negotiations for an eventual PPA with Old Dominion Electric Co-op (ODEC).

Apple Grove Solar’s ODEC PPA means power generated by this site is sold to local customers, to the benefit of the local rate-payer.





Additional Distributed Projects

- **DC Cartage and Trash Removal Service:** A 38.5 kW-AC rooftop solar energy system located in Washington, DC. The system is fully operational and operates behind the meter.
- **Delaware Technical Community College:** An 800 kW-AC solar energy system installed across the rooftops of four campuses—Georgetown, Dover, Stanton, and Wilmington. The system is fully operational and operates behind the meter.
- **Leatherwood Solar:** A 20 MW-AC solar facility located in Henry County, Virginia. The project is fully operational and interconnected to the Appalachian Power Company's distribution network.
- **Perdue Feed Mill:** A 1.6 MW-AC ground-mounted solar energy system located in Bridgeville, Delaware. The system is fully operational and operates behind the meter.
- **Rivanna Solar:** A 12.5 MW-AC solar facility located in Henry County, Virginia. The project is fully operational and interconnected to Dominion Energy's distribution system via an existing substation.
- **University of Delaware:** An 800 kW-AC solar energy system installed across the rooftops of three campus buildings located in Newark, DE. The system is fully operational and operates behind the meter.

Utility-Scale Transmission Interconnected

- **Carvers Creek Solar:** A 150 MW-AC operational project in Gloucester County, VA.
- **Leatherwood Solar:** A 20 MW-AC operational project in Henry County, VA.
- **Madison Solar:** A 62.5 MW-AC operational project in Orange County, VA.
- **Meherrin Solar:** A 60 MW-AC operational project in Greensville County, VA.
- **Otter Creek Solar:** A 60 MW-AC operational project in Mecklenburg County, VA.
- **Randolph Solar:** An 800 MW-AC project under construction in Charlotte County, VA.
- **Red Brick Solar:** A 130 MW-AC project slated to begin construction in Q1 2026 in Lunenburg County, VA.
- **Rivanna Solar:** A 12.5 MW-AC operational project in Albemarle County, VA.

ABOUT SOLUNESCO

SolUnesco develops clean, renewable energy projects and also spearheads state and local policy development. We strive to connect rural landowners with new revenue opportunities through sustainable, cost competitive energy generation. We work with the community to ensure responsible development from early planning until projects are brought online.

CONTACT US

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