

### SOLAR RENEWABLE ENERGY, LLC

Qualifications, Experience & Representative Projects





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# Solar Renewable Energy, LLC Qualifications & Experience

- Solar Renewable Energy LLC's customer base includes:
  - Tax Credit and Private Equity Investors
  - Creditworthy Corporations and Commercial Entities
  - Municipalities, Townships and other Governmental Authorities (including Public Utilities)
  - For-profit and Non-profit Retirement Communities, Health Providers and Systems and Educational Institutions
- SRE has designed, developed, financed and operates 100+ solar energy systems in the Mid-Atlantic and Northeast regions of the US:
  - Asset value: > \$200 Million
  - **Annual** electricity production: Over 50 MWhs
- SRE has partnered with lenders and others to provide project financing to credit qualified customers under various structures including:
  - Power Service Agreement (PSA)
  - Power Purchase Agreement (PPA)
  - Private and Tax Equity Financing (various structures)
  - Third Party Development
- SRE is highly active in the Solar Renewable Energy Credit (SREC) futures exchange markets:
  - SRE is a registered PJM Aggregator / Broker that sells SRECs for over 50 MWhs of solar output to public utilities in PA, NJ, MD, OH, CT and the District of Columbia through registered projects and publically bid / awarded supply contracts
  - SRE awarded several 8 and 10-year contracts with Public Utility Companies to supply SRECs annually
- SRE is an investor in many solar projects that it has developed
- > SRE is actively involved in the Solar Energy Industries Association ("SEIA") and various state associations

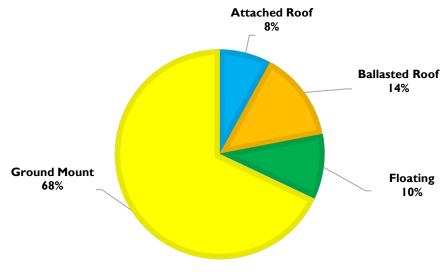


### Solar Renewable Energy, LLC Our Business At-A-Glance

### **SRE Solar Systems: Project Type**

#### Commercial Commercial Agricultural (Mfg.) (Prop. Mgmt.) **7**% **7**% **Education** 3% Commercial (Storage) 8% Commercial. (Other) **Municipalities** 5% 36% Government 10% Health Care / Retirement

### **SRE Solar Systems: Array Type**



- 100+ projects
- > 50 MWhs total output annually
- Projects located in the Mid-Atlantic and Northeast



20%

# Solar Renewable Energy, LLC Select Listing of Current/Completed Projects:

#### Pennsylvania:

- University Area Joint Authority
- Centre County
- Susquehanna Township
- Midd-West School District
- Pottsville Area School District
- Tamaqua Area School District
- Commonwealth Charter Academy
- Quarryville Presbyterian Retirement Community
- York County Solid Waste Authority
- Mount Joy Borough Authority
- Penn Township
- 7<sup>th</sup> Street Rooftop Properties
- Fulling Mill Road Solar Properties
- The Storing Crew
- Lower Allen Business Center
- Adams County Electric Cooperative
- Black River Farms
- 4550 Lena Drive
- 4530 Lena Drive
- Arthur Funk & Sons

#### New Jersey:

- Borough of Sayreville
- Midland School
- Allendale Nursing Home, Inc.
- Bestwork Industries for the Blind, Inc.
- Ocean County Baptist Church
- The Gardens at Cross Keys

#### Other areas in the northeast:

- Plainville, CT Board of Education (Linden, Connecticut)
- Green Mountain Power (Chester, VT)



## Representative Projects: Municipal Ground Arrays





## University Area Joint Authority – State College, PA

- 2.61 MW Solar Energy System located in State College, PA
- Offsets power use for wastewater treatment plant
- Power Service Agreement (PPA) structure for 30 years



### Representative Projects: Educational – Ballasted Roof Arrays



#### Commonwealth Charter Academy ("CCA")

- Second largest charter school in PA with over 9,000 students
- 388.8kW ballasted rooftop array system located in Harrisburg, PA
- Powers Aquaponics program and generates 1/3 of CCA's annual electric requirements





### Representative Projects: Educational – Ground Mount Arrays



#### Midd-West School District

- Midd-West Middle School, Middleburg, PA
- 5,130 400-410W bifacial solar panels
- 2,103kW ground mount array
- Offsets nearly all of electric usage of the school



### Representative Projects: Correctional Facility Ground Arrays



### **Centre County Correctional Facility ("CCCF")**

- 1,196kW Solar Energy System located in Bellefonte, PA
- Largest solar array at correctional facility in PA
- Power Service Agreement (PPA) structure for 30 years



# Representative Projects: Floating Solar Arrays



#### Borough of Sayreville, NJ

- Largest floating solar array installation in the United States as of August 26,2020
- 4,410kW floating solar array system located in Sayreville, NJ
- Ninth (9<sup>th</sup>) largest floating solar array in the world at interconnection time.

## Representative Projects: Retirement Community Ground Arrays





## Quarryville Presbyterian Retirement Community:

- 450kW solar energy system located in Quarryville, PA
- Qualified for "virtual net metering" under PPL
- Project owned by Quarryville Power Partners, LLC
- \$575,000 grant recipient under Pennsylvania CFA program
- 20-year Power Purchase Agreement structure



### Representative Projects: Healthcare Attached Roof Array



#### The Gardens at Cross Keys:

- 187kW net metered system located in Glassboro, NJ
- Solar Renewable Energy procured a 15-year SREC under the NJ SREC based financing program
- Project is owned by VIBRA Health System
- Solar Renewable Energy provides ongoing monitoring and operations management services to project under long-term monitoring agreement

### Representative Projects: Municipal Ballasted Roof Arrays





#### **Susquehanna Township**

- 324 kW Solar Energy Systems located in Susquehanna Township
- Offsets power use for administrative government, police, fire and highway maintenance buildings
- Bifacial solar modules provide incremental dual side energy generation
- Offsets 70% of electric usage
- Power Service Agreement (PSA) structure

## Representative Projects: Municipal Ground Arrays



#### **Mount Joy Borough Authority:**

- 385kW Solar Energy System located in Mount Joy, PA
- Offsets power use for sewer and wastewater treatment plant
- Project owned by Mount Joy Solar Power, LLC
- \$485,000 grant recipient from the Pennsylvania CFA Program
- Mount Joy Borough Authority carries an S&P "A" issuer rating
- 25 year Power Service Agreement (PSA) structure



# Representative Projects: Distributed Generation Ground Arrays



#### **Chester Solar Farm:**

- 2.4MW solar energy system located in Chester, VT
- Generation contracted to Green Mountain Power Corporation, a Baa2 rated, VT public utility under 25-year FIT (Feed In Tariff) program
- Solar Renewable Energy, LLC completed a complicated and lengthy VT Public Service Board Section 248 Application process
- Financed utilizing investment tax credits, debt and private equity

### Representative Projects: Commercial Mounted and Ballasted Arrays



SRE's Corporate Office Building 4550 Lena Drive, Mechanicsburg, PA



4530 Lena Drive, Mechanicsburg, PA



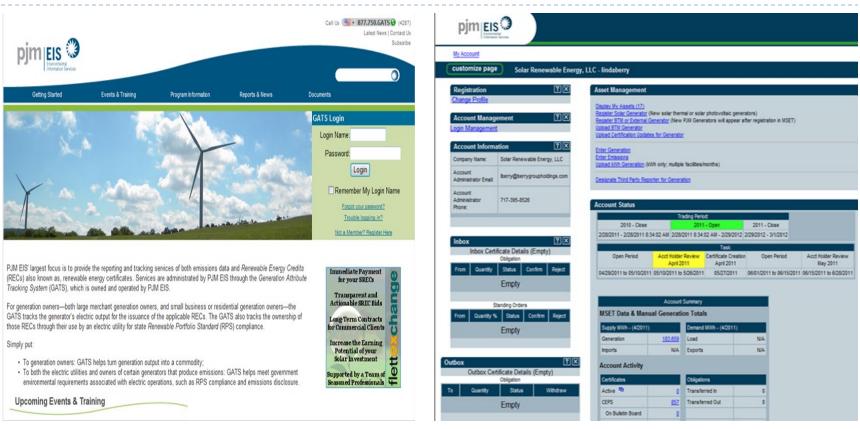
### Representative Projects: Commercial Mounted and Ballasted Arrays



Westport Business Center, Mechanicsburg, PA



### Operations & Management



### Solar Renewable Energy, LLC:

- Is a registered PJM / EIS aggregator in PA, NJ, DE, MD, OH, and WASH D.C.
- Sells over 35MWhs of SRECs to utilities annually.



### Operations & Management



Key "Dashboard" Indicators:

- Electricity generated
- CO2 offset / saved
- Gallons of gas saved

 Solar energy systems monitored every 15 minutes for solar electricity output





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