

Philadelphia Navy Yard Community Solar Project

Philadelphia Navy Yard, Philadelphia, Pennsylvania



Client Objectives:

The Navy Yard Community Solar Project is harvesting the sun to provide solar energy to the Navy Yard's Commercial & Industrial scale tenants via an advanced microgrid.

Project Stakeholders:

Sponsors: The City of Philadelphia, Philadelphia Industrial Development Corp (PIDC), Philadelphia Authority for Industrial Development (PAID)

Lender / Grantor: Reinvestment Fund & Sustainable Development Fund

GC & EPC: Carr & Duff

Interconnecting Utility: PECO

Project Owner/Operator: SolarSense LLC, an AEDG affiliated company

Our Solution:

SolarSense developed the Solar PV System to maximize available roof space on the RevZilla facility in the Navy Yard, resulting in solar power for the electricity needs of community offtakers in PIDC's advanced microgrid.

- **Solar System Description:** 425.34 kWdc Solar PV system comprised of: 1,251 monocrystalline Trina 340 Watt Solar modules; Panel Claw 10 degree ballasted racking; seven (7) 50 kW CoreOne SMA string inverters.
- **Business Model:** Power Purchase Agreement (PPA)

Benefits:

Sustainability: As of November 2017, the Philadelphia Navy Yard is taking advantage of emission free clean solar energy for a portion of the advanced microgrids needs.