

## PSE&G Solar 4 All™ Program

### Harvesting the Power of the Sun for New Jersey

Under the PSE&G Solar 4 All™ program PSE&G will install, own and operate 80 MW (dc) of solar panels. The program is divided into two segments, pole mounted solar and centralized solar (each segment is 40 MW).

#### Fast facts:

- 80 total MW, which would roughly double the installed capacity of solar generation in New Jersey today.
- At 80 MW, PSE&G will own and operate more solar than is currently installed in 48 of the 50 states. (NJ currently has the second most installed solar capacity with a little over 80 MW. California, according to the New York Times, has over 528 MW. Closest behind NJ is currently Colorado with 36 MW – again according to the New York Times.)
- 40 MW of pole attached solar represents the largest pole mounted solar project in the world
- PSE&G's investment in the Program will be approximately \$515 million between 2009 and 2013.
- Pole-mounted solar will give PSE&G widely distributed clean generation assets that will bring the benefit of solar energy to all customers in the Company's electric service territory.
- 80 MW will meet 4.4% of solar renewable requirement established by the energy master plan by 2020.

### Pole Attached Solar

PSE&G will install approximately 200,000 solar units (small distributed solar systems of approximately 200 watts) on utility and street light poles located throughout the neighborhoods of PSE&G's electric service territory.

### Centralized Solar

Centralized solar rooftop or solar gardens of at least 500 kw in size consists of three sub-segments (note: typically need an area approximately 50,000 sq feet to size a 500 kw solar system):

- **PSE&G owned sites** – 25 MW. The company has preliminarily identified sites for initial focus. PSE&G is identifying other sites depending on permitting, site suitability or other factors. Current sites include:
  - **Linden Solar Farm, Linden (Union County)** – PSE&G's old SNG Plant (Synthetic Natural Gas)
  - **Silver Lake Solar Farm, Edison (Middlesex County)** – PSE&G Central Gas Plant
  - **Trenton Solar Farm, Trenton (Mercer County)** – Trenton Gas (Brunswick Avenue)
  - **Yardville Solar Farm, Hamilton (Mercer County)** – Yardville Area Substation

- **Third-party sites** – 10 MW. Solar developers will propose sites for solar installations. The installations will be selected using a competitive process. Installations will be owned by PSE&G. PSE&G will pay rent for the use of the property the solar system would need.
- **UEZ sites** – 5 MW. PSE&G has solicited expressions of interest from site owners located in municipalities with Urban Enterprise Zones (UEZ), which could include publicly owned locations such as a school or a municipal building. PSE&G will hire solar developers via an RFP process to install these systems. The solar installations will be owned by PSE&G. PSE&G will pay rent for the use of the property the solar system would need.

All installations will be grid-connected to PSE&G's distribution system and the power will be sold into the PJM wholesale power grid.

The installations will be paid for by PSE&G electric customers. The first-year bill impact for an average residential customer will be roughly 10 cents a month. The installations will generate Solar Renewable Energy Certificates (SRECs). PSE&G will sell any SRECs it generates to offset program costs. PSE&G will sell the power into the PJM wholesale grid and will receive federal tax credits – which will also be used to offset the cost to customers.