



# New Jersey Brownfield Redevelopment Success Stories



before



after

## PSE&G Pennsauken Brownfield Solar Farm 3905 River Road

### Township of Pennsauken, Camden County

#### Project Background & Description

The project site was a former porcelain-enameled cast-iron bath fixture manufacturer in the 1920s. From 1973 on, it was home to warehouse and distribution operations. The project site was selected because of its large size, favorable topography, a willing owner, and the opportunity to preserve scarce open space in NJ.

#### Challenges

Concrete slabs from the former factory and sections of pavement remain and are integrated as part of the soil capping system. Most construction was above ground and engineers had to ensure that the weight of the solar panels, inverters, transformers, precast ballasts, and switch gear did not compromise the soil capping system.

#### Planning Involved

A NJDEP Waterfront Development Permit was secured for the site, which lies along the Delaware River. A nesting habitat for threatened and endangered species was set aside through a conservation easement.

#### Community Engagement

PSE&G met with the mayor and township manager in advance of the construction, which was already a permitted use in the township. The project was presented to the township planning board where public input was invited.

#### Assessment & Cleanup Overview

The site underwent remediation of soil and groundwater contamination. PSE&G prepared an Environmental Site Assessment while the property owner completed the Remedial Action, and a Response Action Outcome was issued.

#### Redevelopment

The solar farm construction took approximately 10 months to complete and the system went into service on September 27, 2019. The 15.2-megawatt-dc solar farm includes 37,908 solar panels.

Source: <https://nj.pseg.com/newsroom/newsrelease125>



# PSE&G

#### PROJECT INFORMATION:

**Property Owner:** Vineland Construction Co.

**Project Owner/Operator:** Public Service Electric and Gas Co. (PSE&G)

**Site Size:** Approximately 32 acres

**Former Use:** Porcelain-enameled cast-iron bath fixture manufacturer

**Current Use:** Solar Farm

**Project Partners:** PSE&G Solar 4 All® Program (owner), Vanguard Energy Partners, LLC (construction firm)

**Benefits:** Generates electricity to power more than 2,500 homes annually; 75 jobs created during construction