

Holtwood Solar | Fact Sheet

► PROJECT OVERVIEW

The Holtwood Solar project is a joint venture between BQ Energy and Talen Energy, which will provide cost-effective, renewable energy to the region.

The project, located on land adjacent to the decommissioned Holtwood, PA coal plant formerly owned by Talen's predecessors, will generate 20 MW of renewable, solar energy through installations that will be constructed on closed coal ash basins.



THE PROJECT IS EXPECTED TO OFFER THE FOLLOWING BENEFITS:



Construction jobs

The project will provide jobs over approximately six months of construction – heavy equipment operators, electricians, laborers, and many other types of construction contractors.



Economic boost

Increased demand for lodging, food services, gas, groceries, and other local services will be used by those contractors who are not from the area.



A new life for limited use land

Developing solar on existing ash basins will help turn this limited use land into space that produces renewable, solar power. The process associated with repurposing these basins maintains their environmental integrity while allowing the land to be repurposed in a safe, effective way.



Use of existing infrastructure

The project will take advantage of existing transmission lines to direct power to the grid.

► Project Details

Location and size

Approximately 80 acres of land adjacent to the decommissioned Holtwood coal plant.

Power output

The project will include approximately 20 MW of installed generating capacity.

Funding source

Receiving no government grants and no other checks from the taxpayers, the project is funded with 100% private capital. Like nearly all infrastructure in the U.S. (including oil and gas), the project owner will receive a federal tax credit for a portion of the project value. For solar, this is called the Investment Tax Credit.

Useful life

25+ years

Schedule for the project

Construction is projected* to begin mid-to-late-2021, with an anticipated commercial operation date at as early as the end of that year. *Pending necessary approvals

► About Holtwood Solar Partners



BQ ENERGY LLC

BQ Energy specializes in developing, building, owning and operating utility-scale renewable energy projects located on brownfields and landfills, and was among the first to develop landfill solar projects in the Northeast and Mid-Atlantic, including the largest landfill-based solar project in the U.S.



Talen Energy is a privately-owned Independent Power Producer (IPP) that generates and sells electricity, capacity and related products from a fleet of power plants that use diverse fuel sources including zero-carbon nuclear, clean and flexibly dispatched natural gas, and efficient, resilient coal. The Holtwood Solar project will help further diversity Talen's generation portfolio, adding renewable energy to its fleet.

WE ARE DRIVEN BY THREE CORE COMMITMENTS:

Health and safety

We work to ensure the safety of the public, our employees and everyone who works with us.

Protecting the environment

We consider ourselves a steward of the environment. Together we will work to exceed industry standards for mitigating environmental impact as we produce clean, renewable energy for our customers. This commitment to environmental compliance is also reflected at each of Talen's locations.

Community and culture

We understand that being good neighbors will benefit the communities, and our work.

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► About Solar Energy

- Solar is a cost-effective, cost competitive, low-carbon generation source, utilizing free fuel.
- The U.S. now has 60 gigawatts of total solar capacity – enough to power 11.3 million homes.
- Solar farms provide tax revenue for local services, while requiring few community resources.
- There's enough solar energy hitting the Earth every hour to meet all of humanity's power needs for an entire year.
- Solar produces energy during the day, when customers are using electricity.
- The cost of solar panels has dropped 99% since 1977, and 80% since 2008.
- With more than 400 MW of installed solar capacity, Pennsylvania is gradually increasing solar capacity and is currently ranked 22nd among all the states.
- In 2018, a new solar panel was installed in the U.S. every 100 seconds. Over the past decade, solar installations have increased 59% per year.