

Annapolis Landfill Solar Project

SILVER  PROJECT
OF THE YEAR

WINNER



Project Owner: **Building Energy**

Developer: **BQ Energy**

EPC: **EDF Renewables Distributed Solutions**

Mounting: **Solar FlexRack B3P-X**

Modules: **REC Solar**

Inverters: **Power Electronics**

Location: **West of Annapolis, Maryland**

Size: **18.1 MW DC**

The Annapolis Solar Park is the largest solar energy project on a closed landfill in North America. At 18.1 MW DC, it covers approximately 80 acres of previously unusable landfill with more than 52,000 solar panels that will generate approximately 22,000,000 kilowatt hours of clean electricity each year – the equivalent of removing more than 15,000 metric tons of carbon dioxide from the environment.

Landfill solar projects are far more difficult to develop and construct than other types of solar projects. Fortunately, through close partnership among BQ Energy (the developer), Building Energy (an international IPP), EDF Renewables (EPC firm), the City of Annapolis, Anne Arundel County, Anne Arundel County Public Schools, the utility (BGE Energy), and other Maryland stakeholders, the project team was able to navigate the design, technical, geological and financial challenges to convert a closed landfill into an operating solar energy system.

Owned by independent power producer, Building Energy, this 100% privately-funded, solar plant cost the city taxpayers nothing. In fact, with a 20-year lease, this solar plant will save Anne Arundel County taxpayers \$1.7 million, generate 12.5% of Annapolis households' electricity, and deliver over \$4 million in lease revenue for the City of Annapolis. The Annapolis Solar Park created over 100 jobs during the 8-month construction period for various Maryland-based companies.

To learn more visit: www.solarflexrack.com/videos

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