

Landfill Solar Farm FAQ

Q. How much power will the Solar Farm Produce?

A. The project is expected to produce 610,000 kilowatts of power in the first year

Q. How many panels (modules) are there?

A. There are approximately 2,200 solar panels that make up the Lancaster Landfill Solar Farm

Q. How much did the project cost?

A. The Total project, which includes design, engineering, permitting and construction, will cost \$2 million.

Q. What are the equivalent Environmental Impacts?

A. The Lancaster Solar Farm will produce the equivalent offset of 23,000 gallons of propane; 15,000 gallons of #2 heating oil; 15,000 gallons of ultra-low sulfur diesel; 21,000 therms of natural gas

Q. Will the Solar Farm have an impact on how I get my power?

A. No, the solar farm will have an interconnection to the electric grid but will not impact how anyone receives their power

Q. Can I buy power from the Solar Farm?

A. No, unfortunately the Town is not set up to sell electricity, nor is that the purpose of the project. The power produced will go to offset the power used in our municipal facilities.

Q. Can I buy solar power for my home?

A. Yes, National Grid can arrange to have 100% of your power come from solar or other renewables (wind, hydro, or a combination). You also have the ability to contract with 3rd party suppliers to purchase your power. This could cause the price you pay for electricity to change. Regardless of who supplies your power, National Grid will transmit it to your home or business.

Q. Could the Town build Wind Turbines on the Landfill?

A. It is highly unlikely the Town would construct large scale wind turbines on the landfill site. Recent wind studies done by the Massachusetts Technology Collaborative do not show sufficient wind speeds to make a wind turbine economically viable. As technologies become more efficient this would be an item to study in the future.

Additional questions? Please email them to opacheco@lancasterma.net and this FAQ sheet will be updated