

“Gentle Giants” Frey Farm Landfill Wind Project

Conestoga, PA 17516 | 1.6 MW GE Wind Turbines | 2 x 1.6 MW on 262 ft towers | Energy Power Partners



Photo credit: PPL Renewable Energy



Turkey Hill Dairy, a maker of high-quality ice cream and other products, partnered with Lancaster County Solid Waste Management Authority and NextEra to install two 1.6 MW GE wind turbines on a non-operational portion of the Frey Farm Landfill. Connected behind the meter, the wind turbines produce 6 million kWh of electricity a year – enough power to make 5-6 million gallons of ice cream per year.

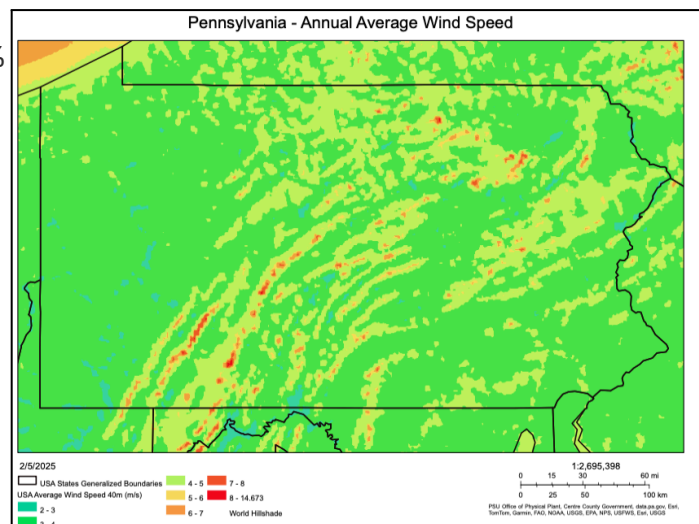
In combination with other energy systems, Turkey Hill’s rural Lancaster County dairy is 100% energy independent, with the wind turbines generating about 21%-25% of Turkey Hill’s annual electricity needs.

Key Findings

- Produces ~6 million kWh of energy annually
- Offsets ~21-25% of annual energy needs

Impact

- Showcases feasibility of wind energy in rural food processing & manufacturing facilities
- Ensures energy independence



More than 200,000 PA properties have wind resources suitable for distributed wind with a combined technical potential of 2.7 GW, per NREL

Want further information? Please contact:

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