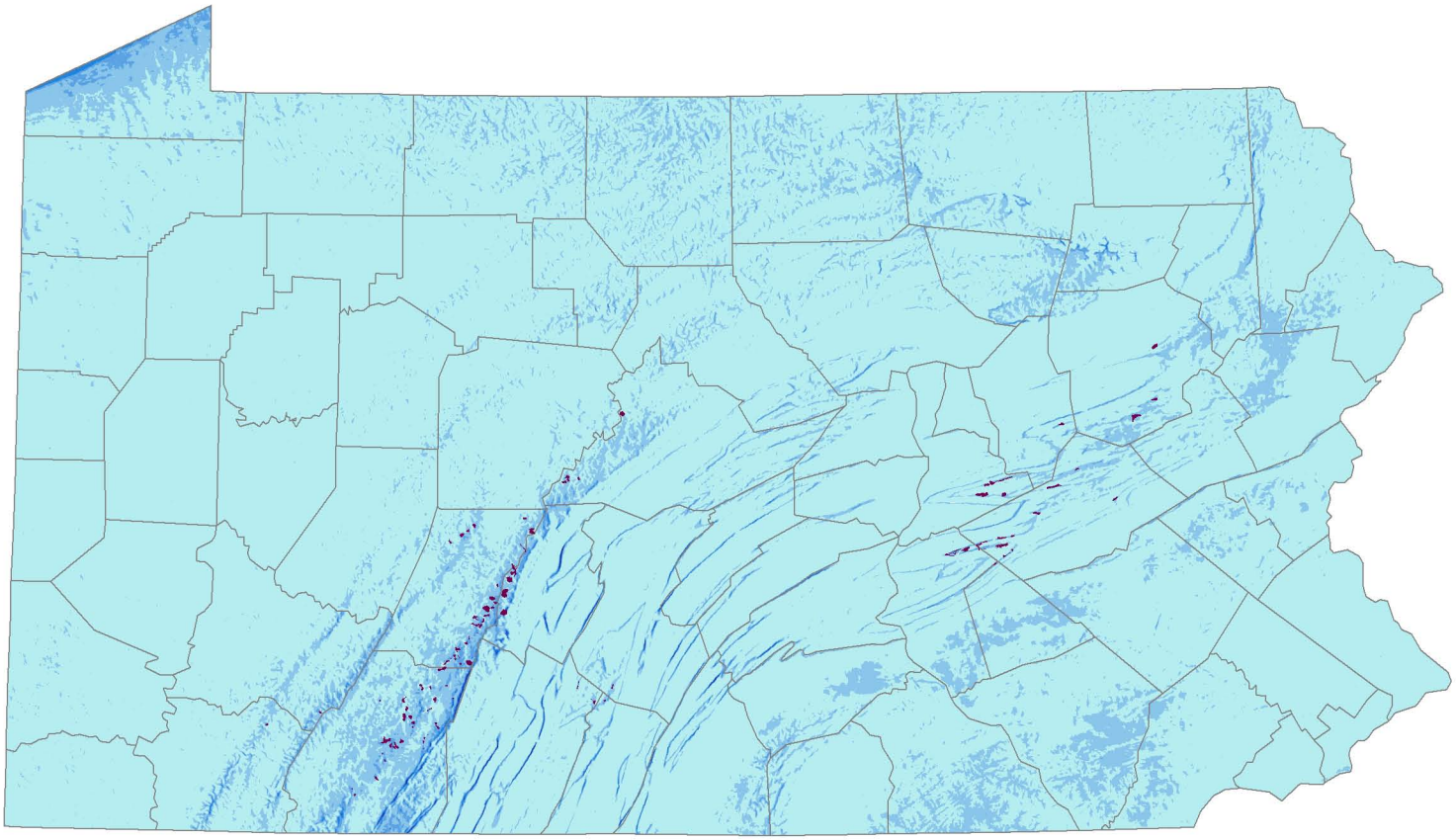
Abandoned Coal Mine Areas in Pennsylvania with Non-Grid Connected Wind Energy Generation Potential



Wind Resource

Power Class	W/m^2	Resource Potential
1	0-200	Poor
2	200-300	Marginal
3	300-400	Fair
4	400-500	Good
5	500-600	Excellent
6	600-800	Outstanding
7	>800	Superb

Abandoned Coal Mine Areas

Screening Criteria

Wind power class of 3 or greater, measured at 50m above ground

Site size and distance to transmission lines and graded roads are not screening criteria because energy is generally distributed locally

This map was developed by SRA International for the U.S. Environmental Protection Agency (EPA). Results are based on site screening criteria adapted from National Renewable Energy Laboratory (NREL) criteria and GIS data provided by NREL, EPA and the Pennsylvania Department of Environmental Protection. This map and its associated data are intended to provide a general understanding of the renewable energy potential of abandoned coal mine areas in Pennsylvania; additional site specific analysis is required to determine the actual potential of these sites. These sites are tracked and monitored by state agencies. For further information, please see the accompanying Data Guidelines document at http://www.epa.gov/renewableenergyland/ or contact Gaffney.Kristeen@epa.gov or cleanenergy@epa.gov.

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