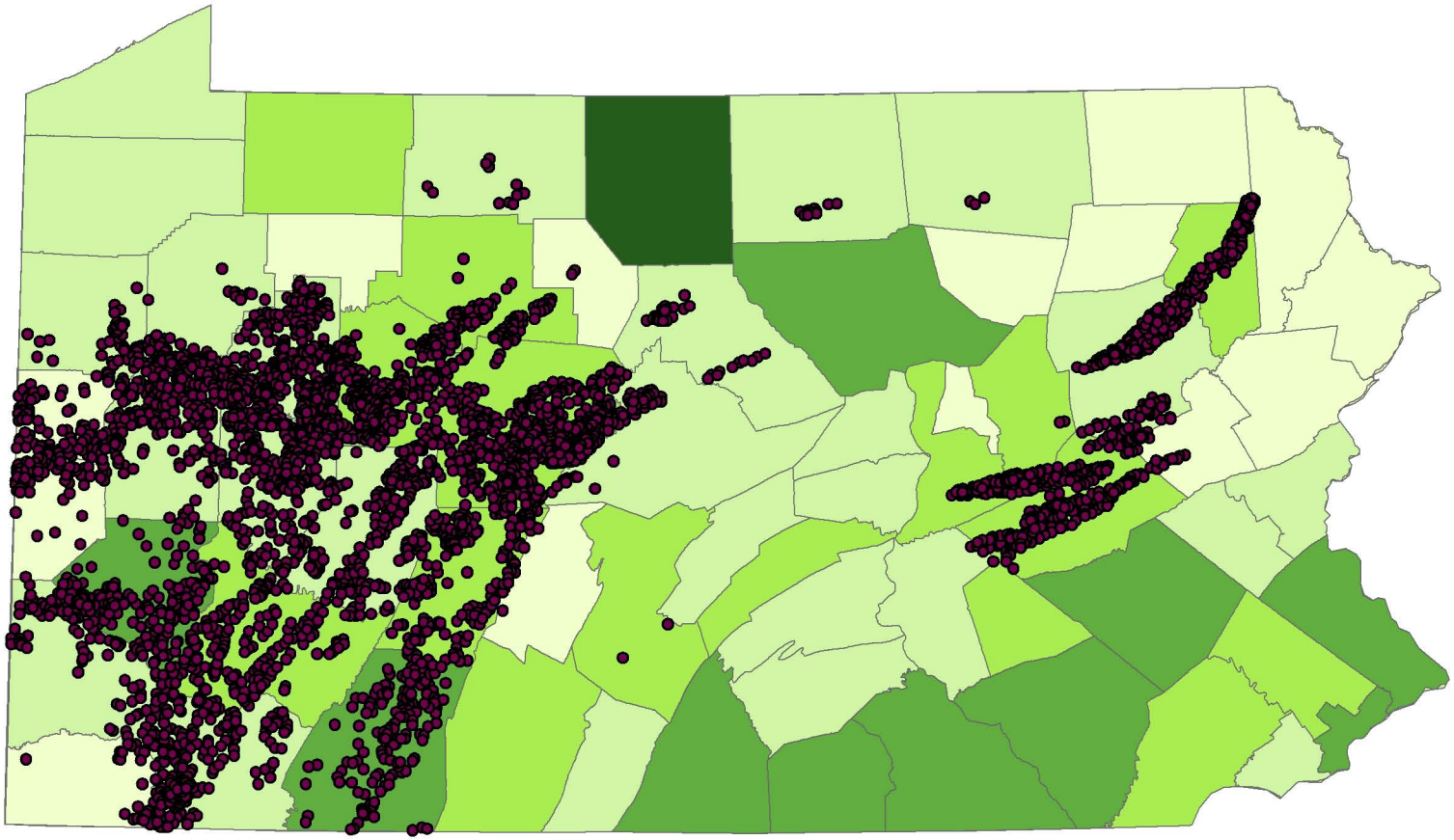
Abandoned Coal Mine Areas in Pennsylvania with Biopower Facility Siting Potential



Biomass Resource

Metric Tons/Year	Resource Potential
< 50,000	Low
50,000 - 100,000	Marginal
100,000 - 150,000	Good
150,000 - 250,000	Very Good
250,000 - 500,000	Excellent
> 500,000	Outstanding

● **Abandoned Coal Mine Areas**

Screening Criteria

Cumulative biomass resources of 140,000 metric tons/year or greater within 50 miles (includes residues from: crops; forests; primary and secondary mills; urban wood waste; and methane emissions from manure management, landfills, and domestic wastewater treatment)

Distance to electric transmission lines of 10 miles or less

Site size of 50 acres or more

Distance to graded roads of 3 miles or less

Distance to rail lines of 8 miles or less

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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