



Small Wind Working Group

Wind Resource Map Update

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New Jersey Board of Public Utilities, Office of Clean Energy





Resource Map Requirements

We required three mapping sources to determine the average wind speed at the location

Two of the three are no longer FREE and require a subscription



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Consideration of alternative #1

CADMUS GROUP

- Use product similar to what is provided to Massachusetts
- Found at <http://cwest.cadmusweb.com/>
- Provides Wind Rose and wind data for location
- Allows for variable in vegetation and terrain roughness



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Consideration of alternative #2

New Roots Energy

- Self-populating wind speeds using 3Tier wind layer data
- Lat/Long positioning and report visualization using Bing Maps
- Calculation of federal, state and utility incentives for the entire United States
- Power production calculation using manufacturer verified power curves
- Accurate financial and equipment configuration comparisons



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