

NW Power Markets Symposium July 2013



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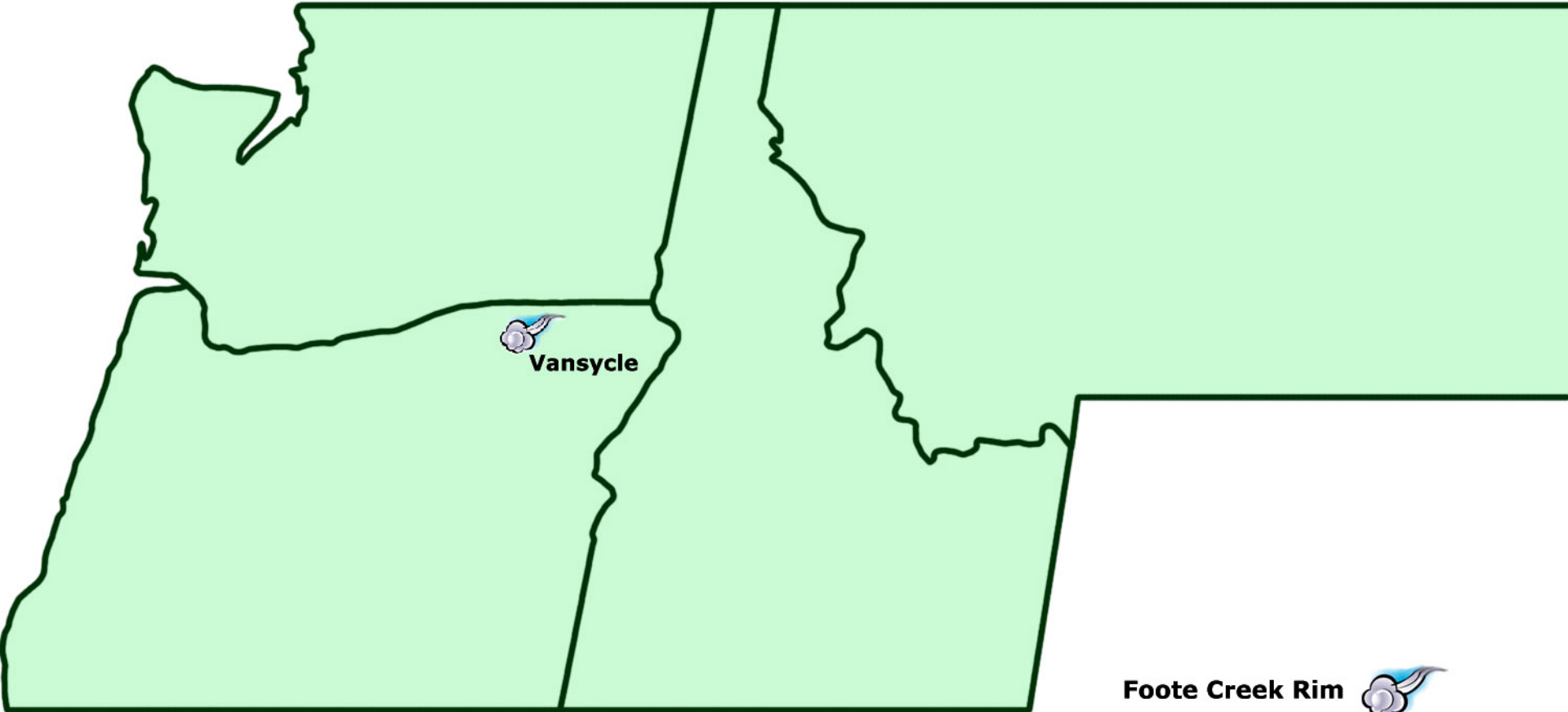
Renewable Northwest Project

Renewable Northwest Project (RNP)

- **Objectives:** Proper siting, advance policies that promote new renewables, expand retail markets
- **Geography:** OR, WA, ID, MT
- **Members:** Business, non-profit, educational



Renewable Energy Projects in the Northwest 1998



Foot Creek Rim 

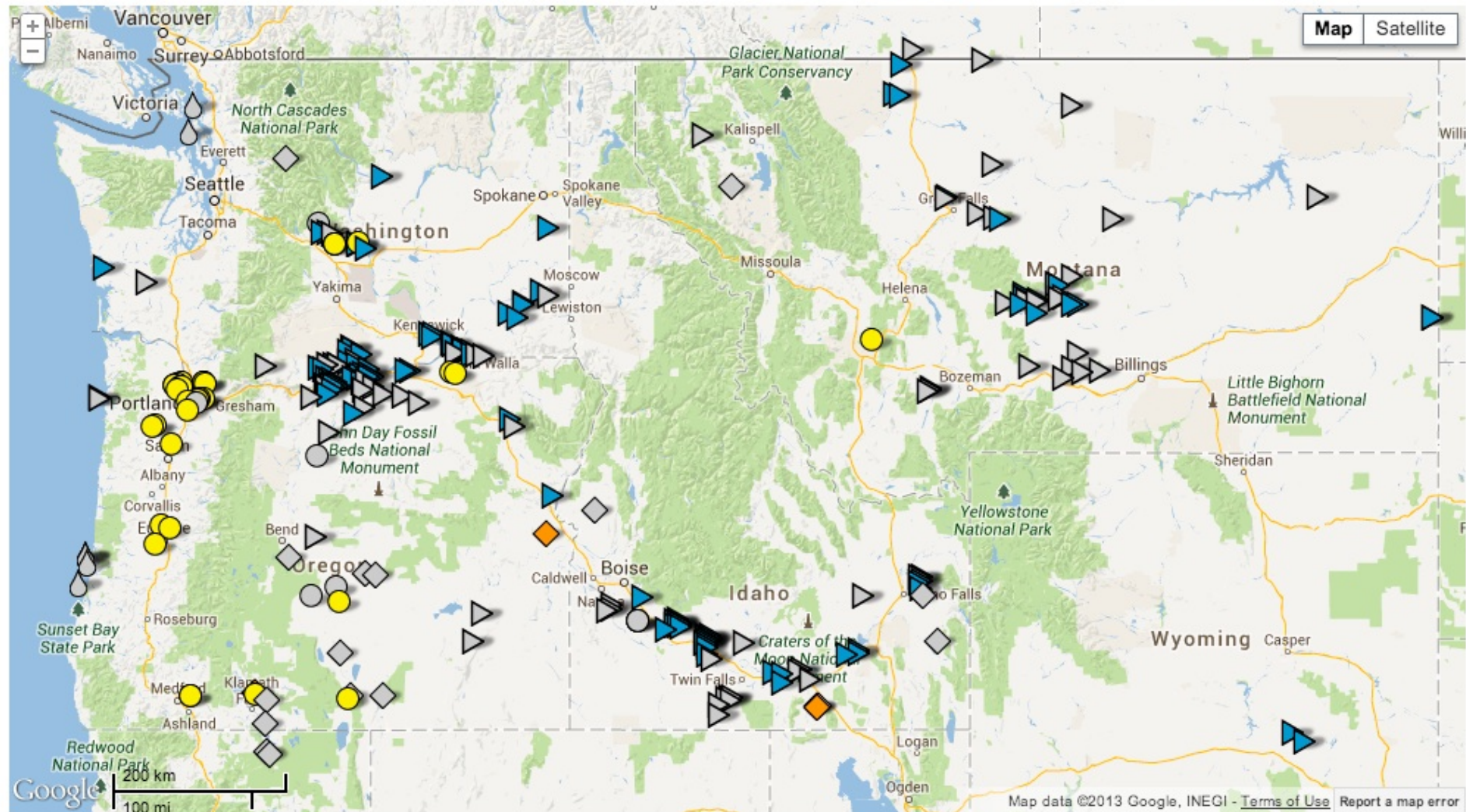
 Wind - Operating

Renewable Energy Projects in the Northwest

July 2013

Map Legend

- | | | | |
|---|--|---|---|
|  Geothermal Operational |  Solar Operational |  Wave Operational |  Wind Operational |
|  Geothermal Under Construction |  Solar Under Construction |  Wave Under Construction |  Wind Under Construction |
|  Geothermal In Development |  Solar In Development |  Wave In Development |  Wind In Development |

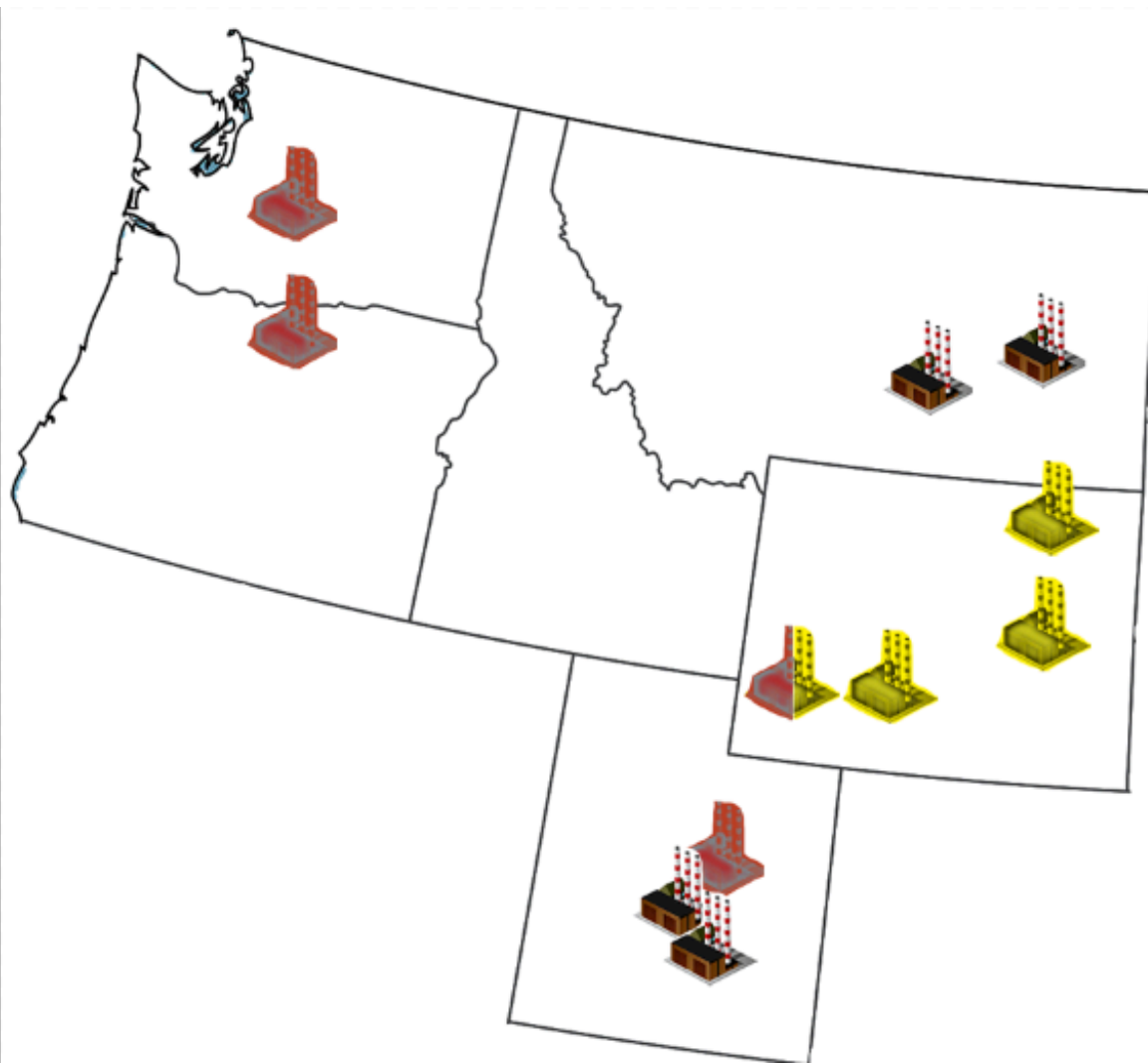


Coal Transition

Eleven Coal Facilities
Owned by NW Utilities

Boardman – 550MW
Centralia – 1340MW
Carbon – 190MW
Naughton 3 -- 326MW
Naughton 1, 2 -- 381MW
Jim Bridger – 2110MW
Dave Johnston – 817MW
Wyodak – 362MW
Hunter – 1472MW
Huntington – 996MW
Hardin – 116MW
Colstrip – 2272MW
Corette – 154MW

11GW





Renewable Energy
4.5 billion years
without an out.