

Nebraska Public Power District Renewable Energy Update

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Public Power System in Nebraska

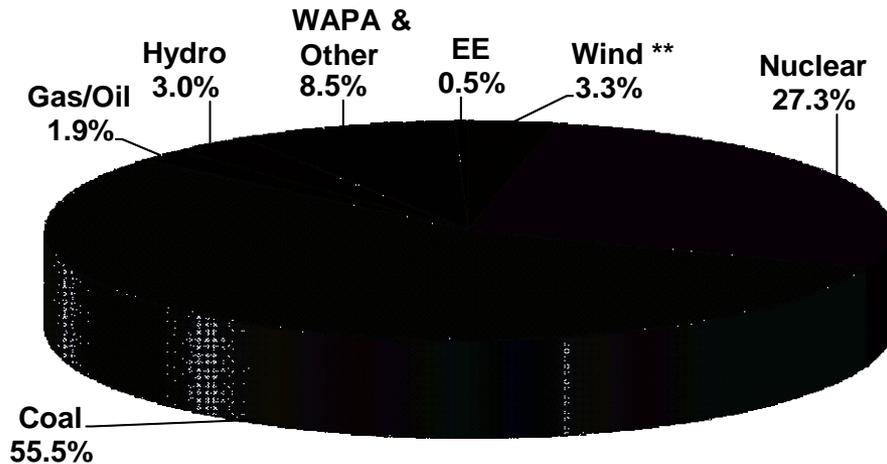
■ **Unique:**

- Only state in the nation served entirely by publicly-owned electric utilities
- Municipal electric systems date back to 1980's
- Public power district statutes – 1933
 - Consumers Public Power District formed in 1939 and acquired 14 of 15 Investor Owned Utilities
 - OPPD acquired the last IOU in 1946
 - NPPD formed in 1970 from the merger of Consumers Public Power District, Platte Valley Public Power & Irrigation District, and Nebraska Public Power System

NPPD's Generation Mix

2012 Actual NPPD Energy and Capacity *

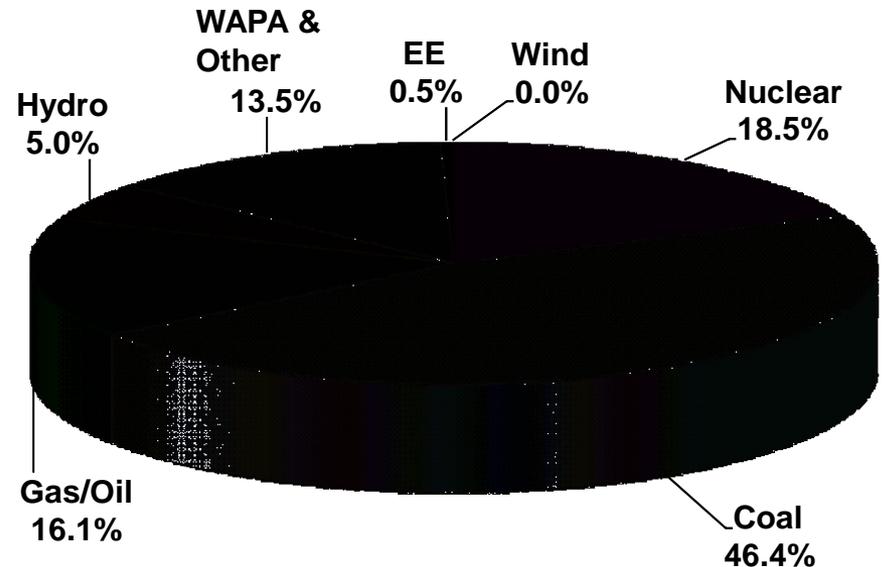
Energy Resources
 (Native Load + Nonfirm Sales + EE)
 Nebraska Public Power District
2012 Actual
 17,307,267 MWhs



** Wind as a percentage load after EE savings = 4.2%

Carbon Free Resources 39.3%
Carbon Emitting Resources 60.7%

Capacity Resources
 (Native Load + Nonfirm Sales + EE)
 Nebraska Public Power District
2012 Actual
 3,342 MWs



Carbon Free Resources 37.5%
Carbon Emitting Resources 62.5%

*Note for service to retail and to total requirements wholesale customers (excludes sales to other utilities and Lincoln Electric System).

WAPA – Western Area Power Administration Hydro
 EE – Energy Efficiency

New Wind Farms

Broken Bow I



- Became commercial December 2012
- 80 MW (51 MWs to NPPD)
- Good one year performance

Steele Flats – 25 miles Southwest of Beatrice



- Became operational November 1, 2013
- Approx. 75 MW (selling 40% MWs of the Renewable Energy Credits (RECs) to BD on a 20-year basis)



Solar Irrigation Project



- 25 kW photovoltaic installation near Lindsay, Nebraska
- Energized in July 2013
- Great way to learn more about solar power as it relates to heavy summer load
- Partnership of Lindsay Manufacturing, Loup Power District, NPPD, and farmer
- Believe that solar generation costs will continue to come down



Broken Bow II

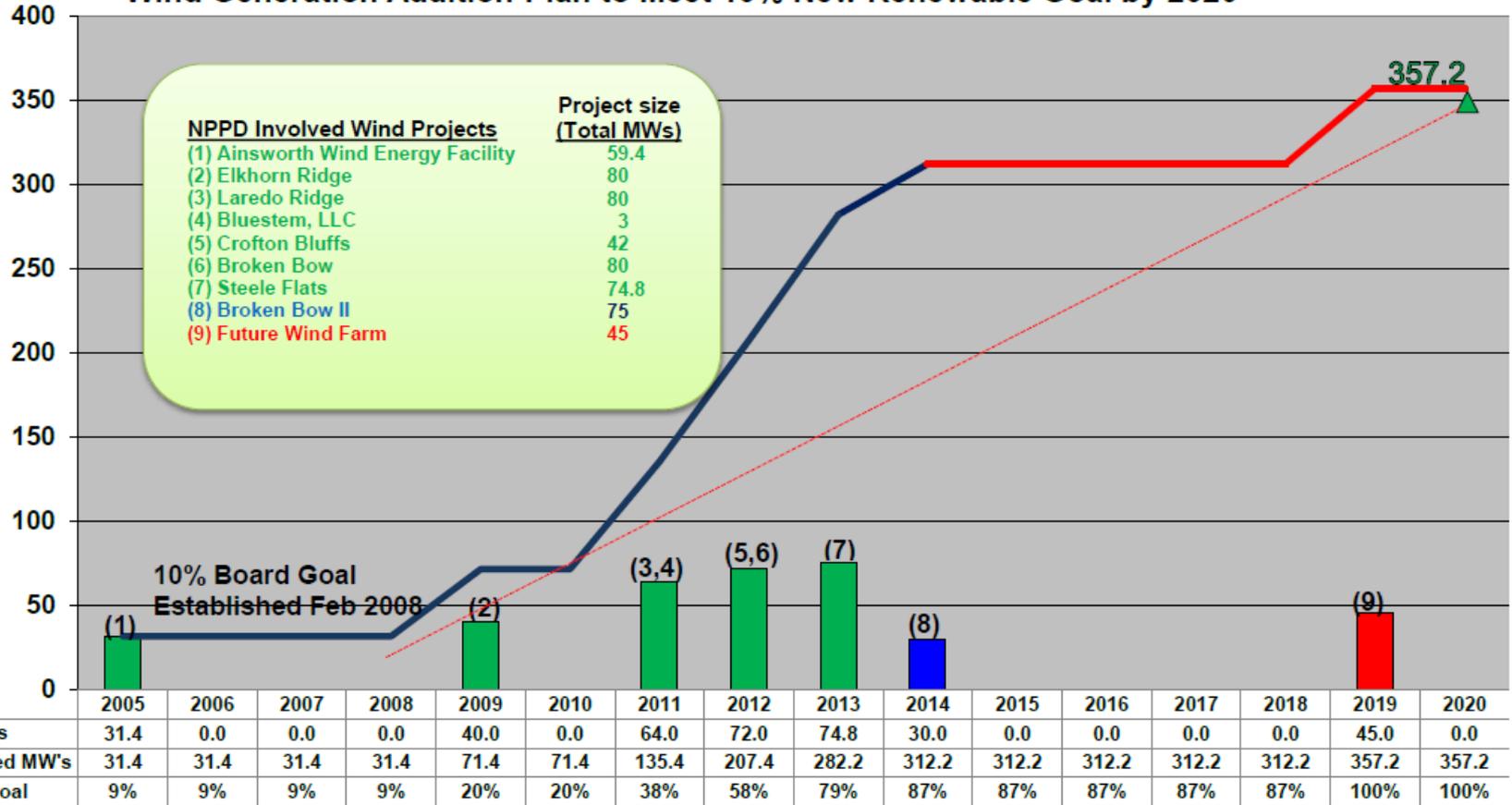
- Developed by Midwest Wind LLC
- 75 MW, located north and west of Broken Bow Wind
 - 30 MW to NPPD
 - 45 MW to OPPD
- Ownership change to Sempra USGP
- Commercial Operation: Projected by December 31, 2014
- Additional timelines and project specifics being developed



NEBRASKA PUBLIC POWER DISTRICT

Wind Generation Addition Plan to Meet 10% New Renewable Goal by 2020

Nameplate MW



*Updated 10/23/2013



Future Factors

- Customer Contracts
- Cost Control
 - Projected zero percent wholesale rate increase for 2014
- Future Regulatory Requirements
- Southwest Power Pool Integrated Market Implementation



Future Factors (Cont'd)

- NPPD currently long on energy
 - High base load capacity
 - Greater than four million MWh in off-system sales per year
- Wind is an “energy only” generating resource
 - Very little capacity value



Thank you!

