

Foote Creek I Wind Project



CARBON COUNTY, WY
PROJECT LOCATION

APRIL 22, 1999
ON-LINE DATE

41.4 MW (BPA Share: 15.32 MW)
CAPACITY

17.6 aMW (BPA Share: 6.5 aMW)
ENERGY

PROJECT SITE:

- The Foote Creek site is located in Carbon County, Wyoming, near Arlington.
- The project was built on native shrub steppe habitat and incorporates state of the art measures to prevent harm to birds. A continuing program evaluates the effectiveness of these measures.
- With annual average wind speed of over 21 MPH, this area is considered one of the best wind sites in the contiguous United States.



THE TURBINES

- 69 - 600 kW Mitsubishi Turbines.
- The turbines are 197 feet tall at the turbine hub, and 274 feet tall including the turbine blades. The diameter of the “swept area” covered by the rotors is 154 feet.

OUTPUT

- Foote Creek I generates enough energy to serve 15,417 homes, nearly the number of homes in the city of Beverly Hills, California. BPA's share of the project generates enough energy to serve 3,830 homes.

OWNERSHIP

- The Foote Creek I project is owned by PacifiCorp (32.62 MW) and Eugene Water and Electric Board (8.72 MW). BPA has a 25 year power purchase agreement with these two utilities for 37% of the total output. The project is operated by SeaWest.

