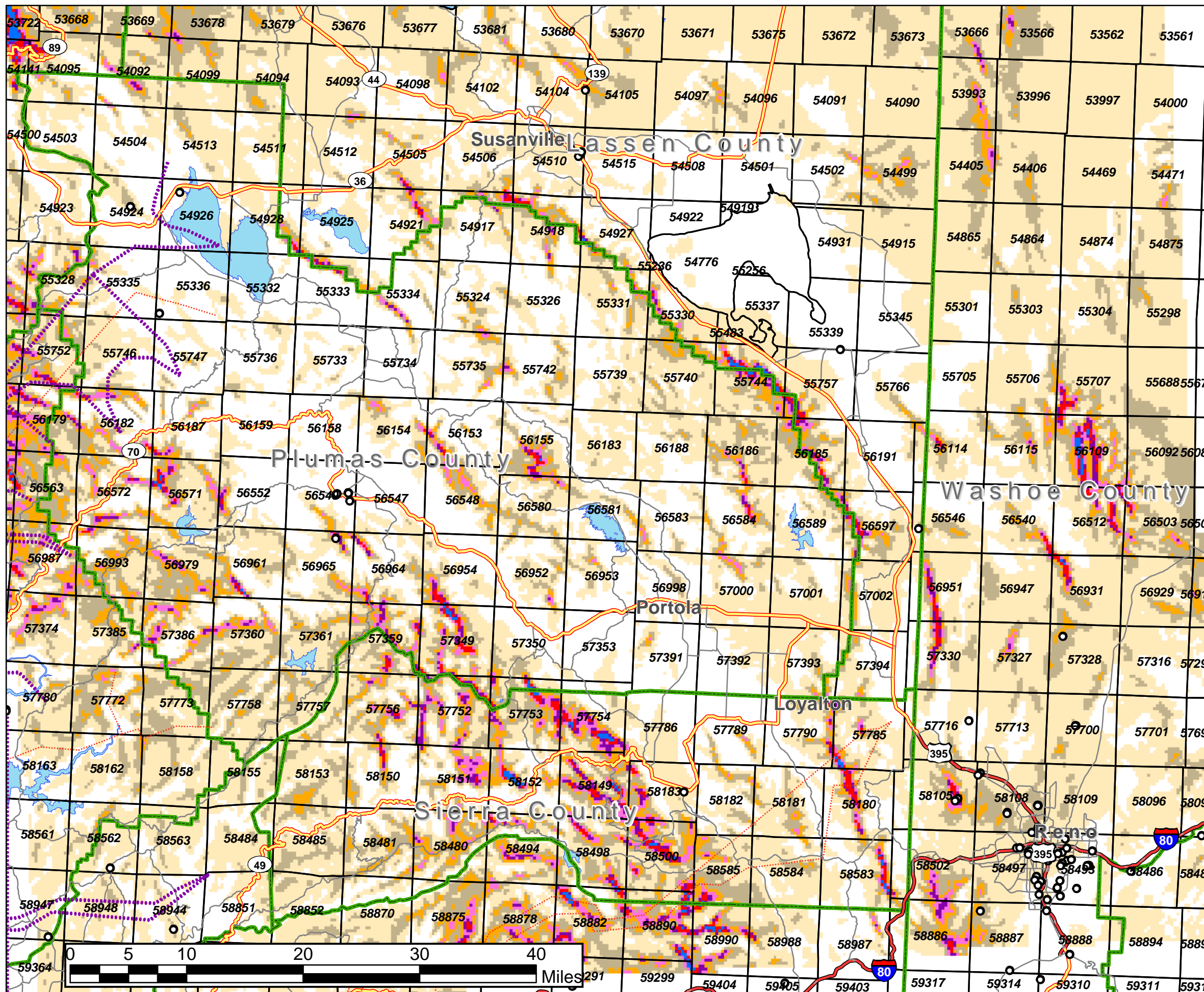


# Plumas-Sierra Wind Power Resources

Overlay: Public Land Survey System Grid

The project is coordinated by Northwest Sustainable Energy for Economic Development (NWSEED) and the Northwest Cooperative Development Center (NWCDC) and sponsored by NREL, the Bonneville Power Administration (BPA), and numerous other organizations.

The wind resource estimates presented on this map were developed by TrueWind Solutions using MesoMap, a mesoscale atmospheric simulation system, at a spatial grid resolution of 400 meters (one-quarter mile). The estimates have been validated by the National Renewable Energy Laboratory (NREL) and independent meteorologists but should be confirmed by direct measurement according to wind energy industry standards.



## Legend

- FCC Towers
  - Public Land Survey System Grid
  - ▭ County Boundaries
- Transmission Lines (KW)**
- ..... 115
  - ..... 138
  - ..... 161
  - ..... 230
  - ..... 345
  - ..... 500
- Road Classification**
- Limited Access Highway
  - Highway
  - Local Roads
  - Ramps
- | Wind Power Class | Resource Potential | Wind Speed at 50 m (mph) |
|------------------|--------------------|--------------------------|
| Class 1-         | Poor               | 0 - 9.8                  |
| Class 1+         | Poor               | 9.8 - 12.5               |
| Class 2          | Marginal           | 12.5 - 14.3              |
| Class 3          | Fair               | 14.3 - 15.7              |
| Class 4          | Good               | 15.7 - 16.8              |
| Class 5          | Excellent          | 16.8 - 17.9              |
| Class 6          | Outstanding        | 17.9 - 19.7              |
| Class 7          | Superb             | > 19.7                   |

