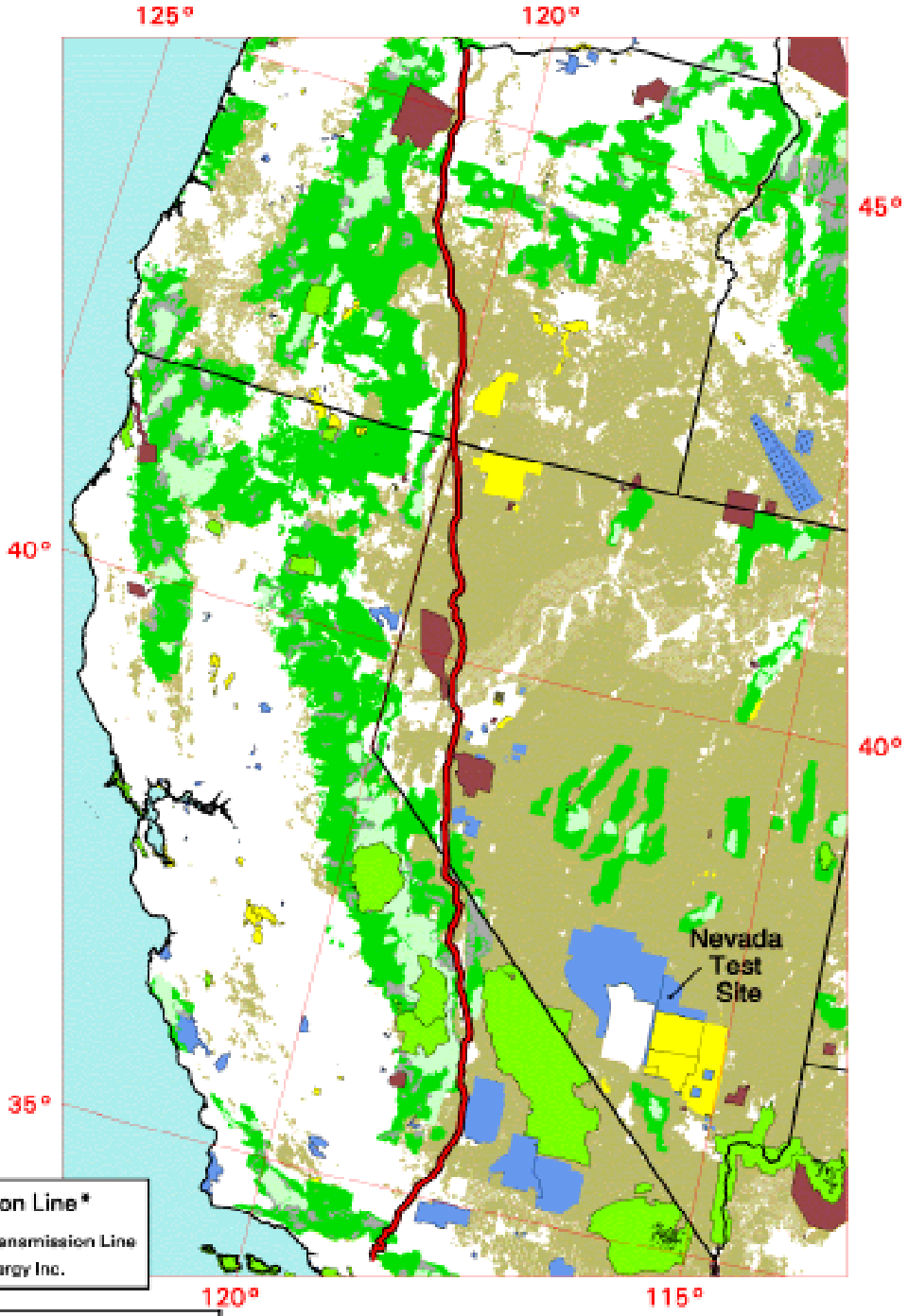
# Oregon-California DC Line - Federal Lands Map




Transmission Line*

OR-CA DC Transmission Line

*Source: RDI/FT Energy Inc.

Land Management Agency

- Indian Reservation
- Department of Defense
- Forest Service
  - Wilderness Area
  - Inventoried Roadless Area (New roads prohibited)
- National Park Service
- Bureau of Land Management
- Fish and Wildlife Service

80 0 80 160 240 320 Kilometers

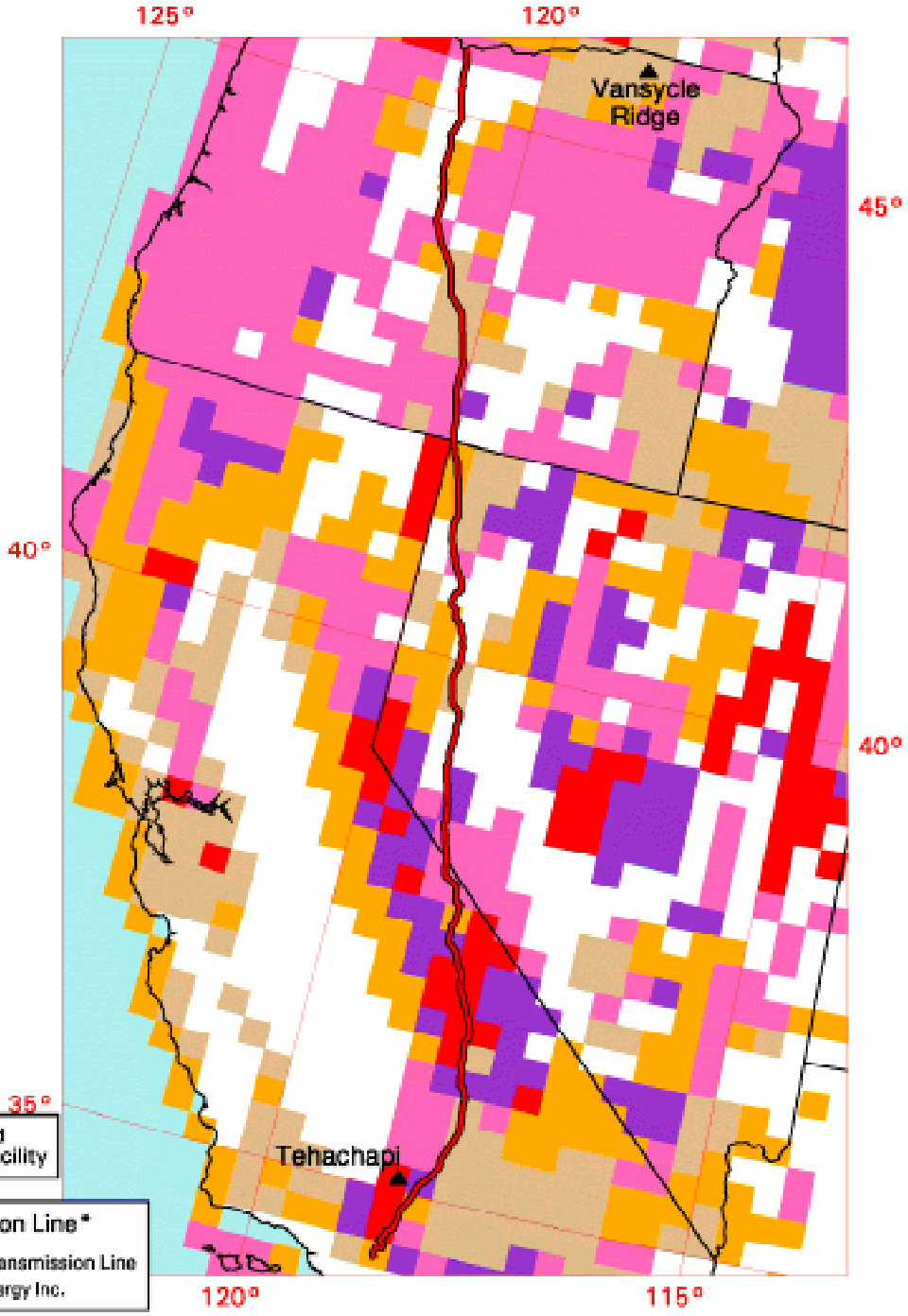
50 0 50 100 150 200 Miles

U.S. Department of Energy
National Renewable Energy Laboratory

NREL

DM Heimiller 28-FEB-2001 1.2.1

# Oregon-California DC Line - Wind Resource Map




▲ Selected Wind Generation Facility

Transmission Line*

OR-CA DC Transmission Line

*Source: RDI/FT Energy Inc.

80 0 80 160 240 320 Kilometers

50 0 50 100 150 200 Miles

U.S. Department of Energy
National Renewable Energy Laboratory

NREL

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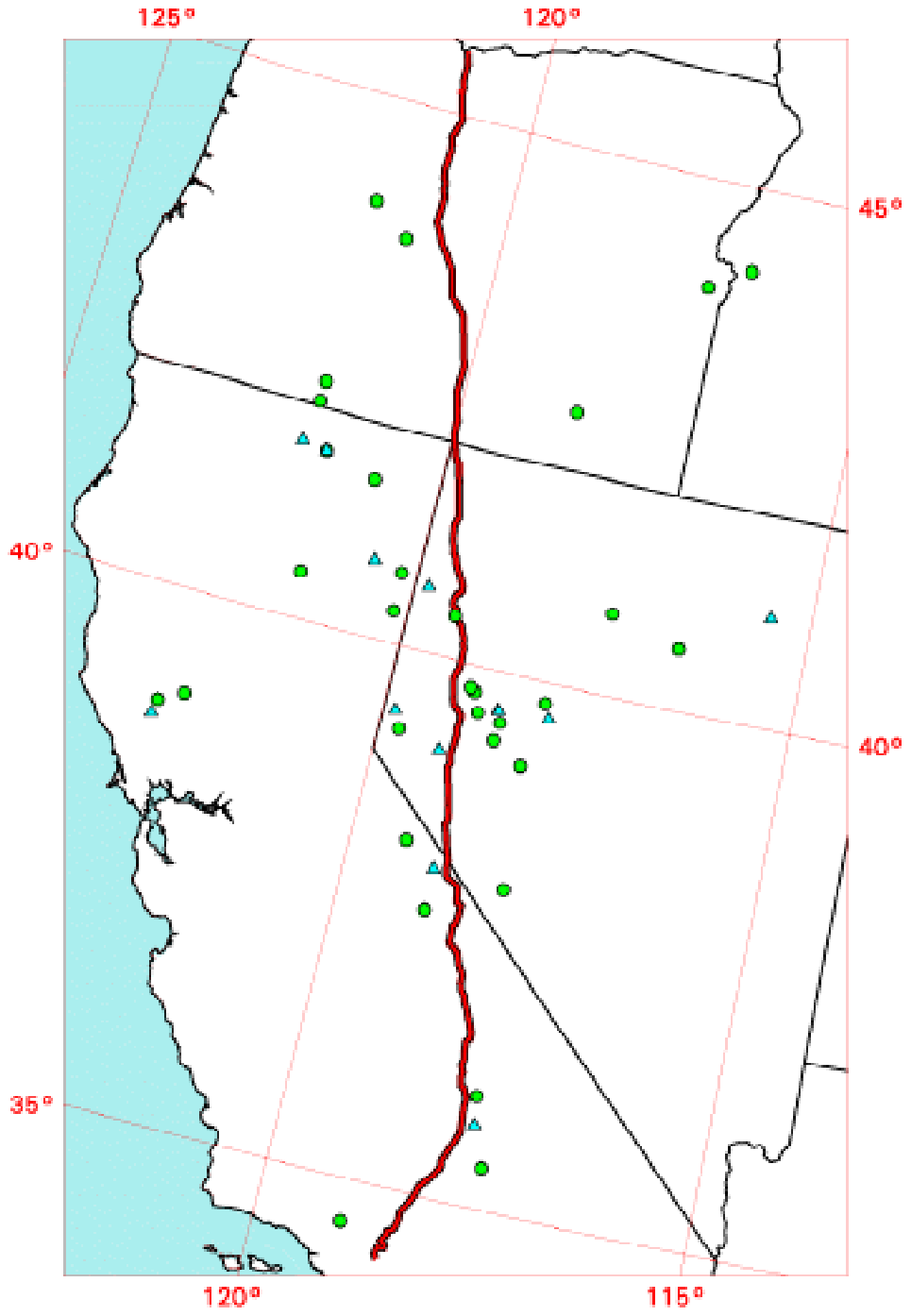
## Wind Power Classification

| Wind Power Class | Resource Potential | Wind Power Density at 50 m W/m² | Wind Speed[a] at 50 m m/s | Wind Speed[a] at 50 m mph |
|---|---|---|---|---|
| 2 | Marginal | 200 - 300 | 5.6 - 6.4 | 12.5 - 14.3 |
| 3 | Fair | 300 - 400 | 6.4 - 7.0 | 14.3 - 15.7 |
| 4 | Good | 400 - 500 | 7.0 - 7.5 | 15.7 - 16.8 |
| 5 | Excellent | 500 - 600 | 7.5 - 8.0 | 16.8 - 17.9 |
| 6 | Outstanding | 600 - 800 | 8.0 - 8.8 | 17.9 - 19.7 |
| 7 | Superb | 800 - 1600 | 8.8 - 11.1 | 19.7 - 24.8 |

[a] Wind speeds are based on a Weibull k value of 2.0

# Oregon-California DC Line - Petty Geothermal Sites




80 0 80 160 240 320 Kilometers

50 0 50 100 150 200 Miles

Transmission Line*

OR-CA DC Transmission Line

*Source: RDI/FT Energy Inc.

Geothermal Generation Facility (REPIS)

Geothermal Site (Petty, 1993)

U.S. Department of Energy
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