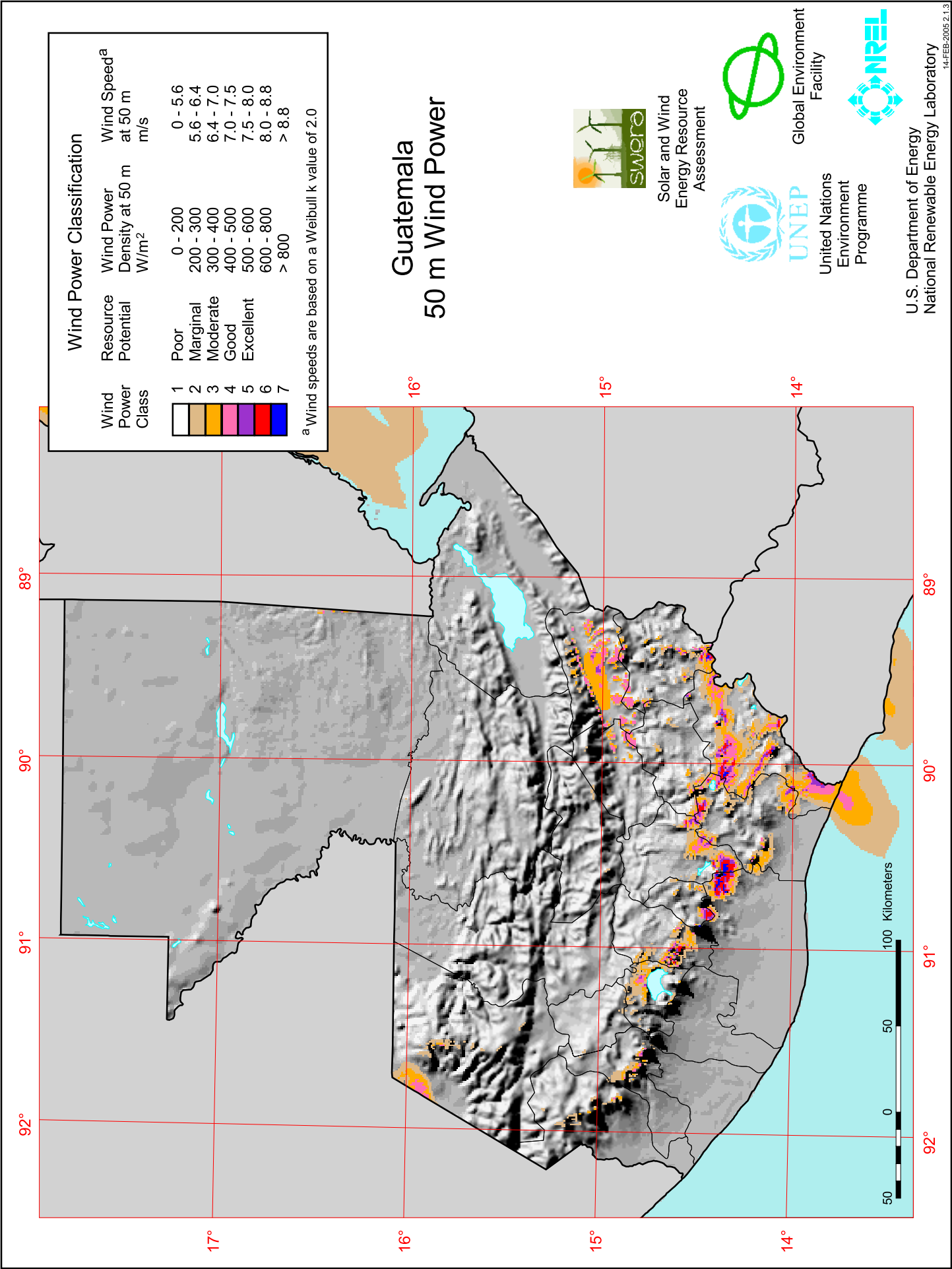




### Wind Power Classification

| Wind Power Class | Resource Potential | Wind Power Density at 50 m W/m <sup>2</sup> | Wind Speed <sup>a</sup> at 50 m m/s |
|------------------|--------------------|---------------------------------------------|-------------------------------------|
| 1                | Poor               | 0 - 200                                     | 0 - 5.6                             |
| 2                | Marginal           | 200 - 300                                   | 5.6 - 6.4                           |
| 3                | Moderate           | 300 - 400                                   | 6.4 - 7.0                           |
| 4                | Good               | 400 - 500                                   | 7.0 - 7.5                           |
| 5                | Excellent          | 500 - 600                                   | 7.5 - 8.0                           |
| 6                |                    | 600 - 800                                   | 8.0 - 8.8                           |
| 7                |                    | > 800                                       | > 8.8                               |

<sup>a</sup> Wind speeds are based on a Weibull k value of 2.0

## Guatemala 50 m Wind Power



Solar and Wind  
Energy Resource  
Assessment



UNEP

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Environment  
Programme



Global Environment  
Facility



U.S. Department of Energy  
National Renewable Energy Laboratory