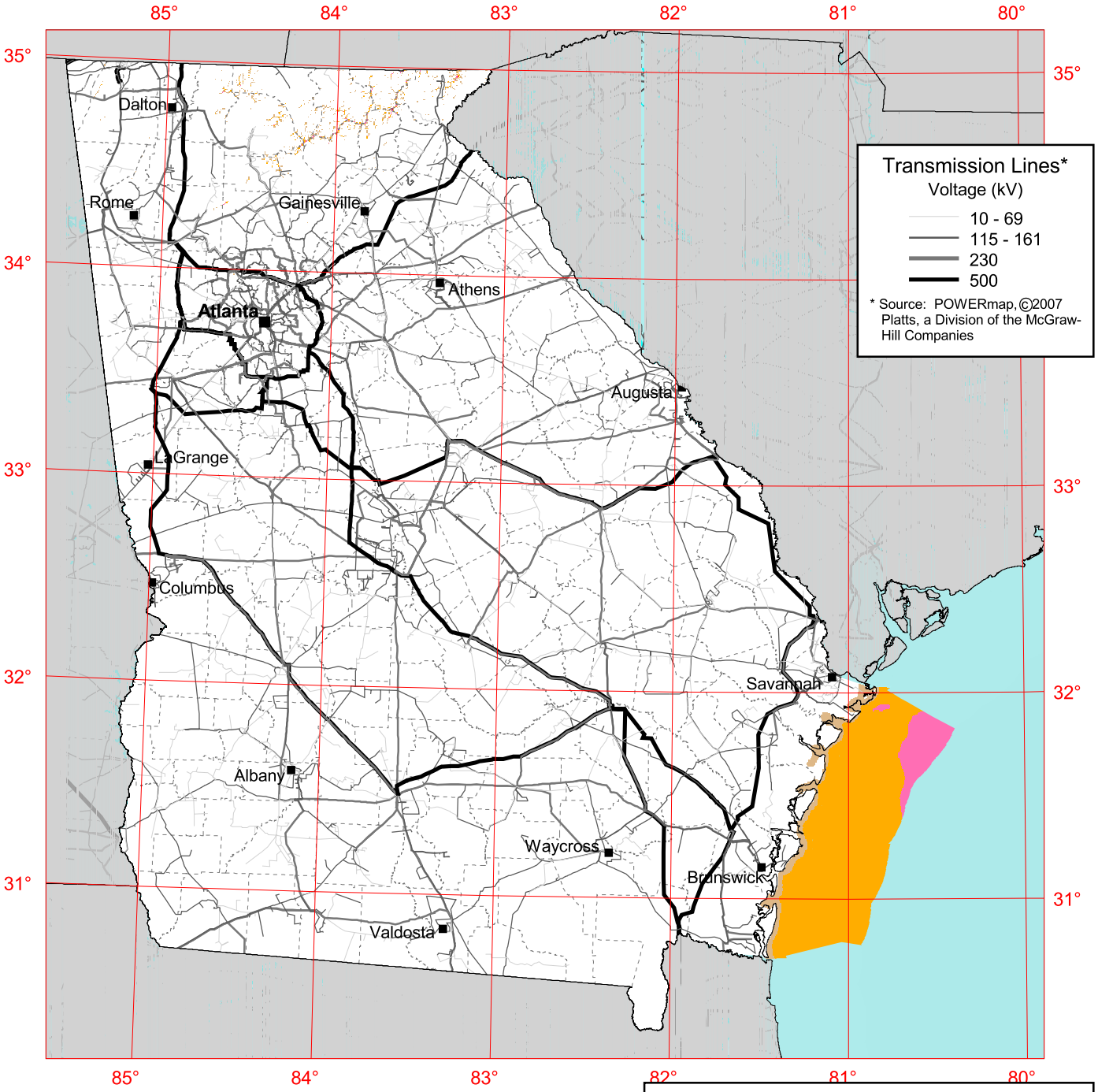
# Georgia - 50 m Wind Power




The annual wind power estimates for this map were produced by AWS Truewind using their Mesomap system and historical weather data. The offshore has been validated with available surface data by NREL and wind energy meteorological consultants.

## Wind Power Classification

| Wind Power Class | Resource Potential | Wind Power Density at 50 m W/m $^2$ | Wind Speed[a] at 50 m m/s | Wind Speed[a] at 50 m mph |
|---|---|---|---|---|
| 1 | Poor | 0 - 200 | 0.0 - 5.6 | 0.0 - 12.5 |
| 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 |

[a] Wind speeds are based on a Weibull k of 2.0 at sea level.

50 0 50 100 150 Kilometers

20 0 20 40 60 80 100 Miles

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