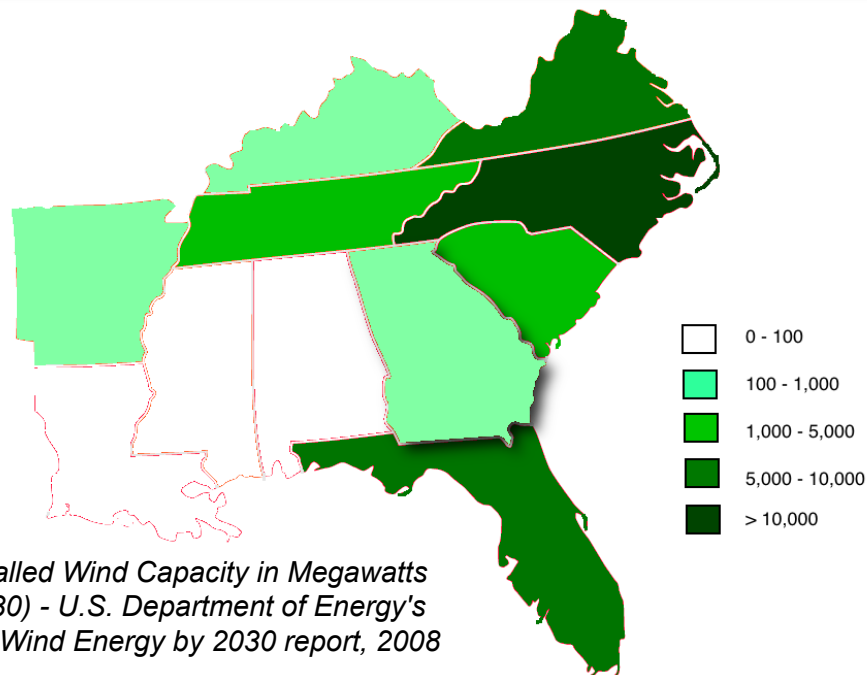


## GEORGIA'S GROWING WIND ENERGY INDUSTRY

### Georgia has a Significant Role to Play in the Wind Energy Industry According to DOE's 20% Wind Energy by 2030 Report

In 2008, the U.S. Department of Energy published a report on how to achieve 20% of the nation's electrical supply from onshore and offshore wind power. In that report, DOE estimated that Georgia would supply **up to 1,000 MW** of onshore and offshore wind energy combined by 2030. **Up to 20,000 manufacturing jobs** would be created in Georgia from this scenario. The National Renewable Energy Laboratory estimates that for every one megawatt of offshore wind capacity built, more than 20 jobs are created including manufacturing, construction, operations and maintenance jobs. Southern Company is investigating the state's offshore wind resource potential.

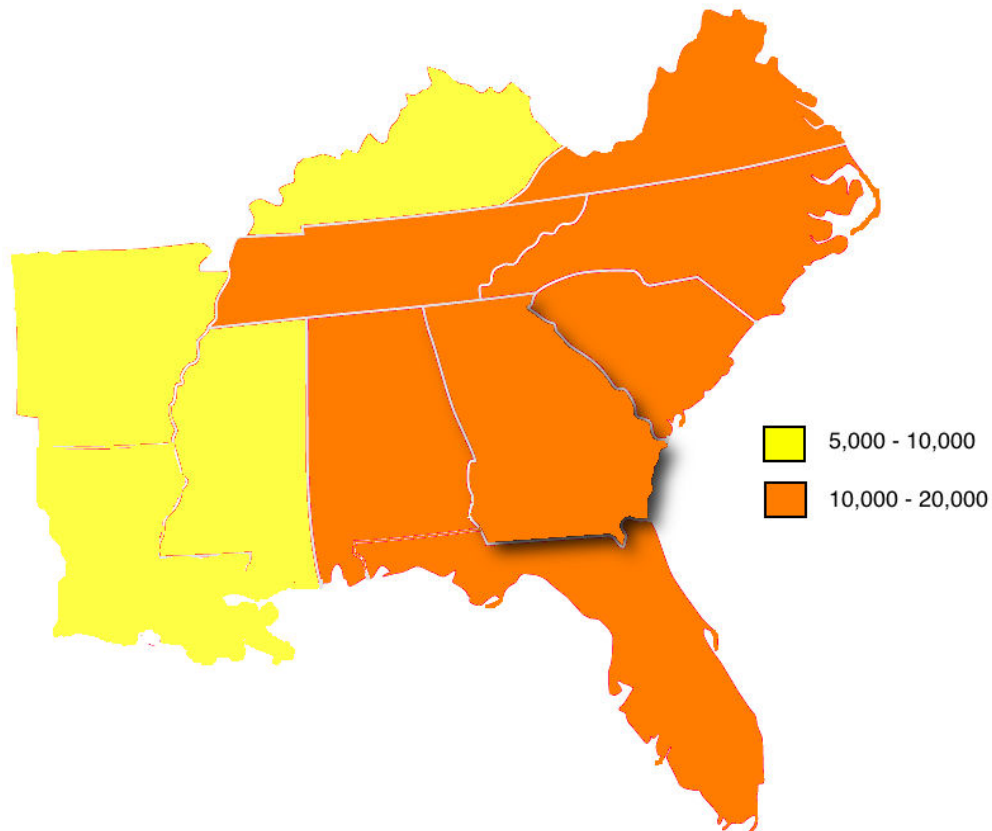


Georgia's wind resource is vast: nearly 2,000 megawatts (MW) of onshore wind resource exists in Georgia, and another 60,000 MW resides offshore. A single megawatt of wind capacity can generate enough electricity for up to 300 homes. Modern onshore wind turbines are generally 2 MW in capacity, and offshore wind turbines are currently available up to 5 MW. While no wind farms have been built onshore or offshore from the Peach State, Georgia will host the American Wind Energy Association's WINDPOWER 2012 Conference in Atlanta. In previous years, this conference has drawn up to 20,000 spectators and over 1,600 wind energy exhibitors.

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Already several companies in Georgia support the wind industry, even though the state has no large-scale wind farms installed. The following is a non-exhaustive list of a few of those companies and where they are located:

**BRUEL & KJAER (NORCORSS) • INTORQ US, INC.**  
**(ATLANTA) • LECTRA (MARIETTA) • NAUE AMERICA**  
**(ATLANTA) • PIGEON MOUNTAIN INDUSTRIES, INC.**  
**(LAFAYETTE) • SENTRY (LAWRENCEVILLE) • SOUTHERN**  
**STATES, LLC (HAMPTON) • STEGO INC. (MARIETTA)**  
**TENSAR INTERNATIONAL (ALPHARETTA)**



*Wind Manufacturing Jobs in Job-Years (2030) - U.S. Department of Energy's 20% Wind Energy by 2030 report, 2008*

Despite the wind energy industry presence in Georgia already, if the state is going to achieve the Department of Energy's scenario to develop up to 1,000 MW worth of wind capacity and generate up to 20,000 in-state manufacturing jobs by 2030, the state will need to recognize renewable energy as a valuable economic engine. **Georgia should work to diversify their energy economy with renewable energy sources and the state's federal delegates should propose and support stable tax incentives for the wind industry.**

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