

## **California 2030 Low Carbon Grid Study**

### **Media Advisory**

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The National Renewable Energy Laboratory (NREL) has completed the first phase of a two phase modeling effort for the California 2030 Low Carbon Grid Study (LCGS), which examines how the California electric sector can cost-effectively support deep reductions in greenhouse gas (GHG) emissions.

The LCGS is unique in its focus on electric sector greenhouse gas (GHG) emissions reduction, and in its use of a diverse set of resources and portfolio-balancing measures to achieve a cost-sensitive, efficient, low-carbon grid without major disruption to transmission flows or trading patterns. Phase I results are important because they identify an affordable, reliable, and practical means for achieving California's ambitious 2050 GHG reduction targets. The second phase of this study is underway, with final results expected in early 2015, which will benefit from consultation by General Electric Consulting (GE) and JBS Energy Inc. The final report will also be peer reviewed by an independent, third-party technical committee comprised of key energy regulators and stakeholders.

The funding for this effort has been provided by over twenty-five different energy companies and trade associations, as well as the Energy Foundation and Energy Innovation. The final report will remain neutral on specific policy recommendations, as the LCGS is designed as a technical, informational tool that can be broadly applicable to a variety of energy policy and planning decisions.

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