

**Stanford University's Energy Efficiency Next Level Project
(April 7, 2015)**

In 2014, Stanford University launched a multi-year initiative called the “Energy Efficiency Next Level Project.” The initiative is examining policy, market, and technology innovations needed for widespread mobilization and delivery of non-transportation energy efficiency (EE) through 2030 and beyond. Dian Grueneich, Senior Research Scholar with PEEC and the Shultz-Stephenson Task Force on Energy Policy and a Commissioner Emeritus of the California Public Utilities Commission, is leading the project, with support from faculty, researchers, and students throughout Stanford University and involvement of policymakers, experts, companies, and utilities outside of the University. The goal of the project is twofold: 1) to develop recommendations for policymakers will to support expanded EE solutions in and 2) to develop through research advanced tools needed for the next level of EE.

On April 2, the first project product was released—a draft report called “Challenges, Opportunities, and New Tools for the Next Level of EE”. The report covers the following:

- Challenges for Reaching the Next Level of EE (expanding and diversifying savings; ensuring saving persistence; using EE as a tool for a changing power system)
- New Tools to Drive Demand and Deliver Savings (intelligent efficiency, new technologies, behavioral information, financing, and localized EE)
- Harnessing Market Forces (EE PPAs, pay for performance models)
- Enhanced Agency Coordination and Integration
- Rules and Policies for the Next Level
- Tracking Progress and Performance

Future research areas under discussion include:

- Development of model EE PPAs/Pay for Performance approaches
- Research on developing new methodologies to support the valuation and integration of EE in a changing electric grid
- Accelerated use of intelligent efficiency
- Widespread integration of behavior interventions

We are soliciting broad feedback on the first White Paper to identify the areas of greatest interest for further research and recommendation development and researchers both within Stanford and elsewhere who are interesting in contributing to this project.

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We welcome anyone interested in participating in or following the project. Please contact Dian Grueneich: dgruenei@stanford.edu. A project webpage is under development.