



State of Arizona

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Governor Jan Brewer Announces Energy Innovation Grants

PHOENIX – Four innovative Arizona companies are the recipients of \$3.4 million in grants announced today by Governor Jan Brewer. The awards come through the 21st Century Energy Demonstration Program designed to invest in and promote energy efficient and renewable energy products manufactured in Arizona.

“When I unveiled a new Arizona job creation and economic development plan in June, it was projects such as these that are focused on creating quality jobs and advancing energy innovation that I envisioned for our state,” said Governor Brewer. “Each of these projects demonstrates how successful collaboration between the business community and the State of Arizona benefit the citizens of this great state.”

- NEST Energy Services in Prescott Valley manufactures its Solis Energy Management System for the military. The system integrates solar electric generation with proprietary software and battery technologies, reducing the military’s reliance on fossil fuels for electric power in the battlefield. Its ruggedized hybrid power trailers are a rapidly deployable power solution for any remote application, including disaster relief. The company will receive a \$999,300 grant.
- Motor Excellence in Flagstaff is equipping its facility to manufacture high-efficiency motors for electric bicycles. Its high-torque, lightweight technology is poised to disrupt the market in electric motor vehicle drives, portable power generation and other consumer products. The company will receive a \$962,914 grant.
- Trico Electric Cooperative in Marana is building a 210 kilowatt solar photovoltaic array at its headquarters. This system will support its SunWatts Program for members who wish to invest in renewable energy, but are unable due to space issues or economic barriers. The company will receive a \$933,458 grant.
- SunPumps of Safford manufactures and installs renewable energy systems for water pumping and aeration in wastewater treatment facilities. It was awarded grants to install solar powered systems in the City of Safford and Town of Thatcher. The company will receive \$542,731 in grants.

"This grant will help Motor Excellence commercialize a new technology destined to advance electric vehicles through higher efficiency, lower cost and higher torque density," said David Calley, Co-Founder and Chief Technology Officer of Motor Excellence. "This will substantially lower the cost and weight of next generation vehicles while creating high quality employment in Arizona for engineers, factory workers and others."

"These projects demonstrate the excellence in renewable energy innovation occurring right here in our state," said Don Cardon, President and Chief Executive Officer of the Arizona Commerce Authority. "I look forward to seeing these innovative solutions integrated into commercially available technologies."

The grants are part of the [State Energy Program](#) (SEP) funded through the American Recovery and Reinvestment Act (ARRA) of 2009. The U.S. Department of Energy provided \$55 million of ARRA funding to Arizona's SEP for the creation and implementation of energy solutions.

Governor Brewer's Office provides updates on Arizona's ARRA programs at www.azrecovery.gov.

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