

## **Fact Sheet on the President's Clean Energy Radio Address**

The Recovery Act is investing over \$90 billion in clean energy, which could support as much as \$150 billion in clean energy projects. These investments are helping create a new generation of jobs, reduce dependence on oil, enhance national security, improve the environment and make the United States into a global clean energy leader.

However, with their new *Pledge to America*, Republicans want to scrap all of the remaining incentives in the Recovery Act for clean energy projects, including projects already underway that are putting Americans to work right now.

### **Key Recovery Act Clean Energy Progress to Date**

- In the first quarter of 2010 alone, Recovery Act clean energy investments directly created **more than 80,000 clean energy jobs**. These investments supported an **additional 20,000 jobs** throughout the economy.
- Advanced Batteries: **30 advanced battery and electric vehicle component factories** are opening as a result of Recovery Act investments.
- Smart Energy Grid: Recovery Act seed money for **smart grid projects in 49 states** is helping build a more stable, secure nationwide electrical grid that increases access to renewable energy sources and helps consumers cut their utility bills.
- Renewable Energy: The Administration is on-track to meet its target of **doubling U.S. renewable energy generation by 2012**.
- Weatherization: **More than 200,000 families** nationwide have had home improvements made to reduce their energy use and cut their utility bills thanks to the Recovery Act weatherization program.

### **Cost of Canceling Recovery Act**

*According to the Department of Energy, these are some of the clean energy projects that would be at risk if remaining Recovery Act spending were canceled as Republicans propose in A Pledge to America:*

#### **Batteries for Electric Vehicles**

- **A123** is using a \$249 million grant to build three battery manufacturing facilities in Michigan. The company has hired 200 workers since the President announced their award in August of 2009, and expects to hire 3,000 Michigan workers by 2012.

- **Johnson Controls** is using a \$300 million grant to build a battery factory in Holland, Michigan. They have hired 100 workers already and plan to have 500 workers at their Holland plant when their project completes in 2012.
- **Celgard** is using a \$49 million grant to expand capacity at its manufacturing operations in Charlotte and build a new manufacturing facility in Concord, North Carolina. According to Celgard, their Recovery Act-funded project has supported more than 100 jobs already, and will support more than 250 jobs when the project is complete.

#### Loan Guarantees

- **BrightSource Energy** plans to use a \$1.37 billion loan guarantee to build a new solar power complex in the Mojave Desert in southeastern California. During construction, the project will employ about 1,000 people and its operations will create 86 operations and maintenance jobs.
- **Abengoa Solar** plans to use a \$1.45 billion loan guarantee to build Solana, one of the largest solar generation plants in the world, near Gila Bend, Arizona. According to Abengoa, construction of the plant will create 1,600 jobs in Arizona and approximately 85 permanent jobs once operational.

#### Smart Grid

- **Idaho Power Company** is using a \$47 million grant to modernize the electric transmission and distribution infrastructure, including deploying a smart meter network for all 475,000 customers throughout the service area and implementing an outage management system and irrigation load control program that will reduce peak and overall energy use and improve system reliability.
- The **City of Naperville**, Illinois is using a \$11 million Smart Grid Investment Grant from the Department of Energy to deploy more than 57,000 smart meters and install the infrastructure and software necessary to support and integrate various smart grid functions and the two-way flow of information between the utility and its customers. The smart meters will provide residents and businesses more information about their energy use, allowing them to analyze and adjust their energy use patterns, save energy and manage their electric bills.

#### The State Energy Program and Energy Efficiency and Conservation Block Grants

- **Merrill Technologies Group** in Saginaw, Michigan is using \$3 million in State Energy Program funds to retool an auto manufacturing facility to build parts for wind turbines.
- **Talladega County School System** in Alabama is using a roughly \$750,000 grant to reduce energy costs and improve energy efficiency by upgrading aging HVAC systems and by replacing inefficient windows, lighting, and thermostats.