

# ***U.S. Country Update***

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# Policy Update:

## *White House Energy and Environment Agenda*

### *Focus on Renewable Energy*

- **Economy** ➡ Create 5 million new jobs over ten years by investing \$150 billion in a clean energy future
- **Transportation** ➡ 1 million Plug-in Hybrid cars on the road by 2015;  
Establish National Low Carbon Fuel Standard
- **Energy** ➡ 10% of electricity by renewable sources in 2012;  
25% of electricity by renewable sources in 2025
- **Environment** ➡ National cap-and-trade to reduce emissions by 80% in 2050



# Policy Update:

## *American Recovery and Reinvestment Act*

### \$16.8B to Energy Efficiency & Renewable Energy

- **\$2.5B toward RD&D**
  - Supports biomass, geothermal, IT and discretionary funding
- **\$5.0B for Weatherization assistance**
  - Funding for Energy Star, Clean Cities and individual home assistance
- **\$2.0B for Advanced Battery Manufacturing Grants**
  - Manufacturing battery systems, components and supporting software
- **\$400M for Transportation Electrification**
  - Support production of hybrid vehicles; tax credit of \$7500 for consumers
- **\$6.0M to Update Transmission Technologies**
  - Loan guarantees for renewable energy and electric transmission



# Policy Update:

## *American Recovery and Reinvestment Act (cont.)*

### Tax Credit

#### Extend

- 3 year extension of PTC for renewable energy
- Wind energy PTC through 2012
- Geothermal, Hydro, and Biomass through 2013

#### Expand

- 30% tax credit for home and businesses
- Greater tax credit for hybrid vehicles

#### Create

- 30% investment tax credit for manufacturing facilities that create clean energy projects

## Department of State REDG At a Glance

USG funding to date for APP Program is now \$65M. DOS funded 12 REDG projects in excess of \$4.5M for projects in India and China.

DOS completed successful implementation of China Request for Assistance RFA for clean tech projects in August 2008. Funded \$6.8M for eight projects across APP sectors.

Over 100 clean tech RFA proposals were received across all eight Task Force sectors. The Renewable Energy and Distributed Generation sector submitted 38 proposals; The most of any sector.

Selected REDG project, the **World Alliance for Decentralized Energy**, will assist in the implementation of distributed generation in 5 northern China provinces.

# Department of State REDG Successes

## DOS-funded REDG projects completed

**National Renewable Energy Laboratory (NREL):** Detailed solar mapping project of Rajasthan, India

**US Energy Association:** Identified best practices and published manual on energy efficiencies in India

**Morse Associates:** Scoping mission for a 1 MW solar photo voltaic power plant in Mumbai in coordination with Tata Power

**Renewable Energy and International Law (REIL)** Identified issues and published a policy overview report of renewable energy law in India

## **Department of Commerce: Recent Events**

- Clean Energy Exporter Guides to India and China
- APP Clean-Energy and Environment Mission to China and India – September 1-12, 2008
- Solar Energy Trade Mission to India, March 2009

# Thank You

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