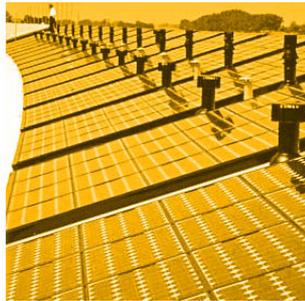


RENEWABLE ENERGY



NREL Webinar April 2009



— Overview of Presentation

- The NREL Input Output Model and the REPP Labor Calculator and Job Locator Model present two different pictures.

NREL Input Output Model

- An I/O model calculates three degrees on economic stimulation.
 - Direct Jobs
 - Indirect Jobs
 - Induced Jobs

I/O Example

- To illustrate the impact consider a wind project.
 - Direct jobs are those related to the manufacture, installation and O&M of the project.
 - Indirect Jobs would for example be jobs at a local sand and gravel plant.
 - Induced Jobs would be jobs at local shops.

REPP Models

- The intent of the REPP models is to provide a roadmap (not a prediction) of the possible stimulus from a major renewable development program.
 - The Job Calculator is based on an industry survey and provides job and skill breakdowns.
 - The Job Locator uses present industrial activity to show state and county potential.

— Going Forward

- Manufacturing accounts for 70% of the additional labor for new renewable projects.
- Federal policies that aim at increasing the installed capacity of renewable energy will not necessarily lead to new domestic manufacturing.

REPP Four Steps Forward in Federal Policy

- Transfer Strategic Assets to ‘Qualified Renewable Development’ Programs
- Provide Retooling Incentives
- Technology Innovation
- Commercialization Program