

## **A Wind Energy Boot Camp Hosted by Public Service Company of New Mexico**

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To be held on November 12-14, 2008 at Public Service Company Albuquerque, New Mexico

### **Overview:**

You are invited to participate in an exciting new seminar, which we call the “**Wind Energy Boot Camp**”. This name reflects the objective of this intensive seminar to enable the participants to return to their jobs with the ability to fully participate in the development, planning, engineering, commissioning and operation of wind-powered generation facilities.

To achieve this objective, there will be an intensive coverage of wind-energy topics by a variety of outstanding speakers who represent the state-of-the-art of this topic in the US today.

Collaborating organizations will include Public Service Company of New Mexico, Western Electric Coordinating Council (WECC), the National Renewable Energy Laboratory (NREL) and the Utility Wind Integration Group (UWIG).

Public Service Company of New Mexico (PNM) is providing the host venue for the program at their corporate office in Albuquerque.

There is a choice of two registration tracks for this program. Day 1 will be directed especially to corporate executives and can be taken alone. Most engineers and technical personnel will want to register for the second option, which includes the entire 3-day program.

### **Why this program?**

Wind Energy is currently the fastest-growing segment of the US generation portfolio. In many areas the available wind resource can easily overwhelm existing generation and transmission capacities. Thus, the interconnection and integration of wind energy into utility systems is a major challenge. Significant technical issues include wind farm integration and other technical planning, public policy, energy marketing, and utility operations.

This program was established to address these issues comprehensively in an intensive “boot camp” format. Segments will be oriented toward executives, managers, system planners, contract specialists, system operators, design engineers, and others involved in the process of designing, integrating, and operating wind-energy sources. A group of nationally-known experts and outstanding faculty will provide top-notch instruction in the relevant topics.

A unique feature of the program is that it is oriented toward **corporate leaders** as well as to engineering and technical personnel.

### **Objectives**

- Enable corporate leaders and engineering/technical personnel to understand and apply knowledge, techniques and lessons learned.

- Provide a forum to exchange of views, concerns and experience among participants.
- Institutionalize an effective, practical short-course as a joint venture between New Mexico State University and several leading entities.

### **Outcomes**

- *Executives* will understand the ‘big picture’ involved in wind energy projects including markets, contractual vehicles, economic impact and technical work required to implement and operate wind farms.
- *System planners* will become familiar with the interconnection process and the system, and with the design studies necessary for successful interconnection.
- *System operators* will understand the impacts on system operation and management, as well as market management issues.