

International Wind Forecast Techniques and Methodologies

A Utility/Balancing Authority Focused USA/European Wind Forecasting Workshop

Sponsored by



Marriot Inn
1401 SW Naito Parkway
Portland, Oregon 97201
July 24 - 25, 2008

Workshop Goals and Objectives:

- This is a utility/balancing authority centered technical workshop focused on the operations and dispatch of wind energy for utilities integrating large scale wind
- Identify the leading wind forecasting approaches, methodologies and research in the USA and Europe to accurately forecast wind energy
- Develop “Best Practices” for the accurate forecasting of wind energy – identify the “metrics” of a good forecast
- Reduce error in wind scheduling within the hour (Transmission); next hour and a day ahead (Generation)
 - ❖ Assist the balance of generation and loads real time by accurately forecasting wind energy during the operating hour
 - ❖ Efficient use of generation resources needed to support wind next hour and a day ahead with accurate wind forecasting
- Identify when large changes in wind energy (ramps) will occur to include magnitude, timing, duration, ramp rate and level of confidence (probability)
- Maintain reliability as increasing levels of wind are integrated

Who Should Attend?

This is a technical workshop dedicated to utilities and balancing authorities (control area operators) who are responsible for the integration of large scale wind and the wind forecasting vendors who support them. A discussion of public policy to support wind and the regulatory environment will not be discussed unless needed to help clarify current operating practice of utilities and balancing authorities to support wind.