

OVERVIEW OF UTILITY-SCALE WIND POWER PRODUCTION AND DISTRIBUTION

Covering: site selection and environmental factors, basic system components and installation, energy conversion from wind to electricity, energy collection and grid interface, power quality, and related technical topics.

These days alternative energy is the talk of the town and wind energy seems to be booming worldwide. Is wind energy all it's cracked up to be? It's not a simple issue. This seminar introduces the technical aspects of wind power generation at the utility level, and provides background information helpful to understanding wind as an energy resource. Wind farm planning, design, and construction will also be covered, as well as some depth in power quality issues that arise with wind power facilities.

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