

## NOTATION

The following is a list of acronyms and abbreviations (including units of measure) used in this document. Some acronyms used only in tables may be defined only in those tables.

### GENERAL ACRONYMS AND ABBREVIATIONS

AWEA	American Wind Energy Association
BLM	Bureau of Land Management
CRADA	Cooperative Research and Development Agreement
DOE	U.S. Department of Energy
DWIA	Danish Wind Industry Manufacturers Association
EERE	Office of Energy Efficiency and Renewable Energy
EIA	Energy Information Administration
ELCC	effective load-carrying capability
EPA	U.S. Environmental Protection Agency
EPRI	Electric Power Research Institute
ESRI	Environmental Systems Research Institute, Inc.
GE	General Electric
GIS	geographic information system
HAWT	horizontal axis wind turbine
IEC	International Electrotechnical Commission
MPDS	maximum potential development scenario
NERC	North American Electric Reliability Council
NREL	National Renewable Energy Laboratory
NWCC	National Wind Coordinating Committee
O&M	operation and maintenance
PEIS	programmatic environmental impact statement
PERI	Princeton Energy Resources International
PTC	Production Tax Credit

## NOTATION (Cont.)

R&D	research and development
ROI	return on investment
ROW	right-of-way
RPS	renewable portfolio standard
RSA	rotor-swept area
SCADA	supervisory control and data acquisition
TIO	technology improvement opportunity
TVA	Tennessee Valley Authority
USGS	U.S. Geological Survey
VAWT	vertical axis wind turbine
WECC	Western Electricity Coordinating Council
WindPACT	Wind Partnerships for Advanced Component Technologies
WinDS	Wind Deployment System

## UNITS OF MEASURE

°C	degree(s) Celsius	lb	pound(s)
°F	degree(s) Fahrenheit	m	meter(s)
ft	foot (feet)	m <sup>2</sup>	square meter(s)
ft <sup>2</sup>	square foot (feet)	m <sup>3</sup>	cubic meter(s)
		mi <sup>2</sup>	square mile(s)
GW	gigawatt(s)	mph	mile(s) per hour
		MW	megawatt(s)
h	hour(s)		
ha	hectare(s)	rpm	rotation(s) per minute
Hz	hertz		
		s	second(s)
kg	kilogram(s)		
km	kilometer(s)	W	watt(s)
km <sup>2</sup>	square kilometer(s)		
kV	kilovolt(s)		
kW	kilowatt(s)		
kWh	kilowatt-hour(s)		