

## ACRONYMS

<b>API</b>	American Petroleum Institute	<b>GOM</b>	Gulf of Mexico
<b>ASHRAE</b>	American Society of Heating, Refrigerating and Air-Conditioning Engineers	<b>GW</b>	gigawatt
<b>AWEA</b>	American Wind Energy Association	<b>GWh</b>	gigawatt/hour
<b>BEAMS</b>	a building energy simulation model	<b>HADCM3</b>	Hadley Center Coupled GCM Model, Version 3
<b>CALPAS</b>	a building energy simulation model	<b>HDD</b>	heating degree days
<b>CBECS</b>	Commercial Building Energy Consumption Survey	<b>HVAC</b>	heating, ventilating, and air conditioning
<b>CCSP</b>	Climate Change Science Program	<b>ICF</b>	an international consulting firm in Washington, DC
<b>CCTP</b>	Climate Change Technology Program	<b>IEA</b>	International Energy Agency
<b>CDD</b>	cooling degree days	<b>IGCC</b>	integrated gasification combined cycle
<b>CDM</b>	Clean Development Mechanism	<b>IPCC</b>	Intergovernmental Panel on Climate Change
<b>CEPA</b>	California Environmental Protection Agency	<b>ITC</b>	investment tax credit
<b>CO<sub>2</sub></b>	carbon dioxide	<b>JIP</b>	Joint Industry Program
<b>CRIEPI</b>	Japanese Central Research Institute of Electric Power Industry	<b>LNG</b>	liquefied natural gas
<b>DD-NEMS</b>	an energy system model based on NEMS (see below)	<b>MMS</b>	U.S. Minerals Management Service
<b>DOC</b>	U.S. Department of Commerce	<b>MW</b>	megawatt
<b>DOE</b>	U.S. Department of Energy	<b>NACC</b>	U.S. National Assessment of Implications of Climate Variability and Change
<b>DOE-2</b>	building energy simulation software	<b>NARUC</b>	National Association of Regulatory Utility Commissioners
<b>DOI</b>	U.S. Department of the Interior	<b>NCAR</b>	National Center for Atmospheric Research
<b>DOT</b>	U.S. Department of Transportation	<b>NEMS</b>	National Energy Modeling System (Energy Information Administration)
<b>EIA</b>	Energy Information Administration	<b>NGCC</b>	natural gas combined cycle
<b>EPA</b>	Environmental Protection Agency	<b>NOAA</b>	National Oceanic and Atmospheric Administration
<b>EPRI</b>	Electric Power Research Institute	<b>NRC</b>	Nuclear Regulatory Commission
<b>FEDS</b>	a building energy simulation model	<b>NREL</b>	National Renewable Energy Laboratory
<b>GCM</b>	General Circulation Model of the earth's atmosphere	<b>NSTC</b>	National Science and Technology Council
<b>GHG</b>	greenhouse gas(es)		

<b>ORNL</b>	Oak Ridge National Laboratory
<b>PAD</b>	Petroleum Administration for Defense
<b>PCM</b>	parallel climate model
<b>PTC</b>	production tax credit
<b>PV</b>	photovoltaic
<b>RECS</b>	Residential Energy Consumption Survey
<b>RGGI</b>	Regional greenhouse gas initiative
<b>SAP</b>	Synthesis and Assessment Product
<b>SAP 4.5</b>	Synthesis and Assessment Product 4.5 (this document)
<b>TRU</b>	Trailer Refrigeration Units
<b>USDA</b>	U.S. Department of Agriculture
<b>USGS</b>	U.S. Geological Survey
<b>WWF</b>	World Wildlife Fund