

# Acronyms and Abbreviations

\$/kWh	dollars per kilowatt-hour
\$/MWh	dollars per megawatt-hour
\$/tCO <sub>2</sub> e	dollars per metric ton of carbon dioxide equivalent
ac	acre
ACEEE	American Council for an Energy Efficient Economy
ADA	Americans with Disabilities Act
AEO 2006	Annual Energy Outlook 2006 [US DOE/EIA]
AEO 2007	Annual Energy Outlook 2007 [US DOE/EIA]
AEO 2008	Annual Energy Outlook 2008 [US DOE/EIA]
AFO	animal feeding operation
AFW	Agriculture, Forestry, and Waste Management [TWG]
AL	Alabama
ANL	Argonne National Laboratory [US DOE]
AR	Arkansas
ARS	Agricultural Research Service [USDA]
ASAP	Appliance Standards Awareness Project
AWWA	American Water Works Association
AZ	Arizona
B5	fuel blend of 5% biodiesel
B20	fuel blend of 20% biodiesel
B100	100% biodiesel
BAU	business as usual
Bbtu	billion British thermal units
BCAP	Building Codes Assistance Project
BCB	[South Carolina] Budget and Control Board
BLS	Bureau of Labor Statistics [U.S. Department of Labor]
Btu	British thermal unit
C	carbon
C&D	construction and demolition
CA	California
CAA	Clean Air Act
CAFE	corporate average fuel economy
CARB	California Air Resources Board
CBECs	Commercial Buildings Energy Consumption Survey
CC	Cross-Cutting Issues [TWG]
CCS	Center for Climate Strategies

CECAC	[South Carolina] Climate, Economic, and Commerce Advisory Committee
CEPCI	Central Electric Power Cooperative, Inc.
cf	cubic foot/feet
CH <sub>4</sub>	methane
CHP	combined heat and power
CMAQ	Congestion Mitigation and Air Quality [Improvement Program]
CO	Colorado
CO <sub>2</sub>	carbon dioxide
CO <sub>2</sub> e	carbon dioxide equivalent
COGS	councils of government
CRF	capital recovery factor
CRP	Conservation Reserve Program [USDA]
CS	Cambridge Systematics
CT	Connecticut
CT ECMB	Connecticut Energy Conservation Management Board
CU	Clemson University
CWNS	Clean Watershed Needs Survey
DG	distributed generation
DOE	[United States] Department of Energy
DOTs	[state] departments of transportation
DRD	Division of Regional Development
DSM	demand-side management
DVD	digital versatile disc
E85	fuel blend of 85% ethanol
EE	energy efficiency
EIA	Energy Information Administration [US DOE]
EPA	[United States] Environmental Protection Agency
EQIP	Environmental Quality Incentives Program
ES	Energy Supply [TWG]
ESCO	energy service company
ESPC	energy savings performance contract
FETSIM	fuel-efficient traffic signal management
FHWA	Federal Highway Administration
FIA	Forest Inventory and Analysis
FL	Florida
FLEET	Freight Logistics Environmental and Energy Tracking
FRA	Federal Railroad Administration
FRPP	Farm and Ranch Lands Protection Program

FTA	Federal Transit Administration
FTE	full-time equivalent
FY	fiscal year
gal	gallon
GHG	greenhouse gas
g/mi	grams per mile
GREET	Greenhouse Gases, Regulated Emissions, and Energy Use in Transportation [model]
GRI	Gas Research Institute
GUTD	gear up, throttle down
GWh	gigawatt-hours
GWP	global warming potential
ha	hectare
HDPE	high-density polyethylene
HDV	heavy-duty vehicle
HFC	hydrofluorocarbon
HM	heavy metal
H.R.	House Resolution
hr	hour
HUD	[United States] Department of Housing and Urban Development
HWP	harvested wood product
I&F	Inventory and Forecast
IA	Iowa
ICC	International Code Council
ICE	internal combustion engine
ICLEI	Local Governments for Sustainability [formerly International Council for Local Environmental Initiatives]
IECC	International Energy Conservation Code
IOU	investor-owned utility
IPL	Interstate Power & Light
IRC	International Residential Code
ITC	investment tax credit
k	thousand
kg	kilogram
km <sup>2</sup>	square kilometers
kW	kilowatt
kWh	kilowatt-hour
lb	pound
LCOE	levelized cost of electricity

LDGT	light-duty gasoline truck
LDGV	light-duty gasoline vehicle
LDPE	low-density polyethylene
LDV	light-duty vehicle
LEED	Leadership in Energy and Environmental Design Green Building Rating System™
LFG	landfill gas
LFGcost	landfill gas cost model
LFGTE	landfill gas-to-energy
LMOP	Landfill Methane Outreach Program
LNG	liquefied natural gas
m <sup>3</sup>	cubic meters
MA	Massachusetts
MAC	[California] Market Advisory Committee
MAP	[Statewide] Motor Assistance Program
MECS	Manufacturing Energy Consumption Survey
MGD	million gallons per day
MM	million
MMBtu	million British thermal units
MMgal/yr	million gallons per year
MMtCO <sub>2</sub> e	million metric tons of carbon dioxide equivalent
MPO	management planning organization
MSW	municipal solid waste
MW	megawatt
MWh	megawatt-hours [one thousand kilowatt-hours]
N <sub>2</sub> O	nitrous oxide
N/A	not applicable
NAAQS	National Ambient Air Quality Standards
NASS	National Agricultural Statistics Service [USDA]
NC	North Carolina
NGO	nongovernmental organization
NHTSA	National Highway Traffic Safety Administration [US DOT]
NO <sub>x</sub>	nitrogen oxides
NPS	National Park Service
NPV	net present value
NQ	not quantified
NRCS	Natural Resource Conservation Service [USDA]
NREL	National Renewable Energy Laboratory [US DOE]
NRI	National Resources Inventory

NTD	National Transit Database
NY	New York
O&M	operation and maintenance
OR	Oregon
PA	Pennsylvania
PaCE	Palmetto Clean Energy
PC/LDT	passenger car/light-duty truck
PET	polyethylene terephthalate
PG&E	Pacific Gas and Electric
PIA	Priority Investment Act
PSC	Public Service Commission
PTC	production tax credit
PTO-hp	power take-off horsepower
PURPA	Public Utility Regulatory Policies Act of 1978
PV	photovoltaic
R&D	research and development
RCI	Residential, Commercial, and Industrial [TWG]
RECs	renewable energy credits
REPS	renewable energy and energy efficiency portfolio standard
RFS	renewable fuels standard
RMDEC	[South Carolina] Recycled Market Development Advisory Council
SC	South Carolina
SCBCC	South Carolina Building Codes Council
SC BEA	South Carolina Bureau of Economic Advisers
SCCB	South Carolina Conservation Bank
SCDA	South Carolina Department of Agriculture
SC DHEC	South Carolina Department of Health and Environmental Control
SC DNR	South Carolina Department of Natural Resources
SC DOC	South Carolina Department of Commerce
SC DOT	South Carolina Department of Transportation
SCE	Southern California Edison
SCE&G	South Carolina Electric & Gas
SCEO	South Carolina Energy Office
SCFA	South Carolina Forestry Association
SCFB	South Carolina Farm Bureau
SCFC	South Carolina Forestry Commission
SC I&F	South Carolina Inventory and Forecast
SCPSC	South Carolina Public Service Commission

SCRA	South Carolina Research Authority
SC SCO	South Carolina State Climatology Office
SDG&E	San Diego Gas & Electric
SGIP	[California] Self-Generation Incentive Program
SHW	solar hot water
SMUD	Sacramento Municipal Utility District
SOV	single-occupant vehicle
SUV	sport utility vehicle
SWH	solar water heating
SWM	solid waste management
t	metric ton
T&D	transmission and distribution
tCO <sub>2</sub> e	metric tons of carbon dioxide equivalent
TDM	transportation demand management
TLU	Transportation and Land Use [TWG]
TSM	transportation system management
TWG	Technical Work Group
TX	Texas
USDA	United States Department of Agriculture
US DOE	United States Department of Energy
US DOT	United States Department of Transportation
US EPA	United States Environmental Protection Agency
USFS	United States Forest Service [USDA]
USFWS	United States Fish & Wildlife Service [U.S. Department of the Interior]
VMT	vehicle miles traveled
W	watt
WA	Washington
WACC	weighted-average cost of capital
WARM	Waste Reduction Model [US EPA]
WGA	Western Governors' Association
WTE	waste-to-energy
WWTP	wastewater treatment plant
yr	year