

Acronyms and Abbreviations

\$/kWh	dollars per kilowatt-hour
\$/MM	millions of dollars
\$/MWh	dollars per megawatt-hour
\$/t	dollars per metric ton
\$/tCO ₂ e	dollars per metric ton of carbon dioxide equivalent
ac	acre
ADEQ	Arkansas Department of Environmental Quality
AEO	Arkansas Energy Office
AEO2007	<i>Annual Energy Outlook 2007</i>
AEO2008	<i>Annual Energy Outlook 2008</i>
AFW	Agriculture, Forestry, and Waste Management [Technical Work Group]
AgBMP	[Minnesota] Agriculture Best Management Practices [program]
AHTD	Arkansas State Highway and Transportation Department
APSC	Arkansas Public Service Commission
AR	Arkansas
ASHRAE	American Society of Heating, Refrigerating and Air-Conditioning Engineers
BAU	business as usual
BBtu	billion British thermal units
BMP	best management practice
Btu	British thermal unit
C	carbon
CAA	Clean Air Act
CAFE	corporate average fuel economy
CC	Cross-Cutting Issues [Technical Work Group]
CCS	carbon capture and storage
CCSR	carbon capture and storage or reuse
CCX	Chicago Climate Exchange
cf	cubic feet
CFL	compact fluorescent light
CH ₄	methane
CHP	combined heat and power
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
CRP	Conservation Reserve Program [USDA]
CSA	community-supported agriculture
CUTR	Center for Urban Transportation Research
DEQ	[Arkansas] Department of Environmental Quality
DG	distributed generation
DOE	[United States] Department of Energy

DSM	demand-side management
E10	fuel blend of 10% ethanol and 90% gasoline
E85	fuel blend of 85% ethanol and 15% gasoline
EE	energy efficiency
eGRID	Emissions & Generation Resource Integrated Database
EIA	Energy Information Administration [US DOE]
EISA	Energy Independence and Security Act of 2007
EOR	enhanced oil recovery
EPA	[United States] Environmental Protection Agency
EPRI	Electric Power Research Institute
EPS	environmental portfolio standard
ES	Energy Supply [Technical Work Group]
FAA	Federal Aviation Administration
FHWA	Federal Highway Administration
FIA	Forest Inventory and Analysis [USFS]
ft	foot
FTE	full-time-equivalent
FY	fiscal year
gal	gallon
GAP	Gap Analysis Program
GCGW	[Arkansas] Governor's Commission on Global Warming
GHG	greenhouse gas
GJ	gigajoule
GM	genetically modified
GPS	global positioning system
GREET	Greenhouse gases, Regulated Emissions and Energy use in Transportation [model]
GWh	gigawatt-hour [one million kilowatt-hours]
GWP	global warming potential
HB	House Bill
HB 1055	Act 94 of the Arkansas 86 th General Assembly
HB 1379	Act 873 of the Arkansas 86 th General Assembly
HB 1654	Act 1061 of the Arkansas 86 th General Assembly
HB 2460	Act 696 of the Arkansas 86 th General Assembly
HDPE	high-density polyethylene
HDV	heavy-duty vehicle
HFC	hydrofluorocarbon
HOV	high-occupancy vehicle
HR	House Resolution
HUD	[United States] Department of Housing and Urban Development
HVAC	heating, ventilation, and air conditioning
HWP	harvested wood product
I&F	Inventory and Forecast

ICLEI	Local Governments for Sustainability [formerly International Council for Local Environmental Initiatives]
IECC	International Energy Conservation Code
IESNA	Illuminating Engineering Society of North America
IGCC	integrated gasification combined cycle
IPCC	Intergovernmental Panel on Climate Change
K-12	kindergarten through 12th grade
kg	kilogram
kW	kilowatt
kWh	kilowatt-hour
lb	pound
LDPE	low-density polyethylene
LDV	light-duty vehicle
LED	light-emitting diode
LEED	Leadership in Energy and Environmental Design [Green Building Rating System™]
LEED-ND	Leadership in Energy and Environmental Design for Neighborhood Development
LFG	landfill gas
LFGcost	landfill gas cost model
LFGTE	landfill gas-to-energy
LNG	liquefied natural gas
LULC	land use land cover
MAC	mitigation abatement cost
metric ton	1,000 kilograms or 22,051 pounds
MJ	megajoule
MM	million
MMBtu	millions of British thermal units
MMtCO ₂ e	million metric tons of carbon dioxide equivalent
mpg	miles per gallon
mph	miles per hour
MS	Mississippi
MSW	municipal solid waste
MW	megawatt [one thousand kilowatts]
MWh	megawatt-hour [one thousand kilowatt-hours]
N	nitrogen
N ₂ O	nitrous oxide
N/A	not applicable
NAS	National Academy of Sciences
NAS/NRC	National Academy of Sciences/National Research Council
NEI	National Emissions Inventory
NEMA	National Electrical Manufacturing Association
NG	natural gas

NGCC	natural gas combined cycle
NGO	nongovernmental organization
NGTT	natural gas combustion turbine
NHTS	National Household Travel Survey
NIH	National Institutes of Health
NO _x	oxides of nitrogen
NOAA	National Oceanic and Atmospheric Administration
NPV	net present value
NRC	Nuclear Regulatory Commission
NRCS	[USDA] Natural Resources Conservation Service
NREL	National Renewable Energy Laboratory [US DOE]
NRI	National Resources Inventory [USDA]
NSF	National Science Foundation
O&M	operation and maintenance
ODS	ozone-depleting substance
PET	polyethylene terephthalate
PFC	perfluororocarbon
PHEV	plug-in hybrid electric vehicle
PRI	Program-Related Investment
PV	photovoltaic
R&D	research and development
RCI	Residential, Commercial, and Industrial [Technical Work Group]
REC	renewable energy certificate
RREC	[University of Arkansas] Rice Research and Extension Center
REFIT	renewable energy feed-in tariff
RPS	renewable portfolio standard
SB	Senate Bill
SB 575	Act 1325 of the Arkansas 85 th General Assembly
SB 1160	Act 2294 of the Arkansas 85 th General Assembly
SCE	Southern California Edison
SEER	seasonal energy efficiency ratio
SERC	Southeastern Reliability Council
SF ₆	sulfur hexafluoride
SIT	State [GHG] Inventory Tool [US EPA]
SO _x	oxides of sulfur
SPP	Southwest Power Pool
STASGO	State Soil Geographic Databases
STB	Surface Transportation Board
T&D	transmission and distribution
t	metric ton
tC	metric tons of carbon

tCO ₂	metric tons of carbon dioxide
tCO ₂ e	metric tons of carbon dioxide equivalent
tCO ₂ e/MWh	metric tons of carbon dioxide equivalent per megawatt-hour
TDR	transfer of development rights
TLU	Transportation and Land Use [Technical Work Group]
TOD	transit-oriented development
TWG	Technical Work Group
UNFCCC	United Nations Framework Convention on Climate Change
USDA	United States Department of Agriculture
US DOE	United States Department of Energy
US EPA	United States Environmental Protection Agency
USFS	United States Forest Service [USDA]
USGS	United States Geological Survey [U.S. Department of the Interior]
VMT	vehicle miles traveled
VOC	volatile organic compound
WARM	Waste Reduction Model [US EPA]
WTE	waste to energy
WWTP	wastewater treatment plant
yr	year