

# Acronyms

\$/MWh	dollars per megawatt-hour
\$/tCO <sub>2</sub> e	dollars per ton of carbon dioxide equivalent
AE	architect engineer
AEO2007	<i>Annual Energy Outlook 2007</i> [US DOE Energy Information Administration]
AFW	Agriculture, Forestry, and Waste Management [TWG]
AgBMP	[Minnesota] Agriculture Best Management Practices
ANL	Argonne National Laboratory [US DOE]
APU	auxiliary power unit
ASDs	adjustable speed drives
ASHRAE	American Society of Heating, Refrigerating and Air-Conditioning Engineers
AURI	Agricultural Utilization Research Institute
BAU	business as usual
BioPET	BioPower Evaluation Tool
BLM	Bureau of Land Management [U.S. Department of the Interior]
BLS	Bureau of Labor Statistics [U.S. Department of Labor]
BMPs	best management practices
BSWR	[Minnesota] Board of Water and Soil Resources
Btu	British thermal unit
BWCAW	Boundary Waters Canoe Area Wilderness
C&T	Cap-and-Trade [TWG]
CAFE	corporate average fuel economy
CAFO	confined animal feeding operation
CARB	California Air Resources Board
CC	Cross-Cutting Issues [TWG]
CCAG	[Minnesota] Climate Change Advisory Group
CCS	Center for Climate Strategies
CCX	Chicago Climate Exchange
CEE	Center for Energy and Environment
CGEE	[Hamline University] Center for Global Environmental Education
CH <sub>4</sub>	methane
CHP	combined heat and power
CIP	Conservation Improvement Program
CMAQ	Congestion Mitigation and Air Quality [Improvement Program]
CO <sub>2</sub>	carbon dioxide
CREP	Conservation Reserve Enhancement Program [USDA]
CRP	Conservation Reserve Program [USDA]
DDGS	distiller's dried grains with solubles
D/LCE	discounted/levelized cost-effectiveness
DNR	[Minnesota] Department of Natural Resources

DOC	[United States] Department of Commerce
DOE	[United States] Department of Energy
DOLI	[Minnesota] Department of Labor and Industry
EAW	Environmental Assessment Worksheet
ECAR	East Central Area Reliability Coordination Agreement
EE	energy efficiency
EEAB	Environmental Education Advisory Board
EERE	Office of Energy Efficiency and Renewable Energy [US DOE]
eGRID	Emissions & Generation Resource Integrated Database [US EPA]
EF	emission factor
EIA	Energy Information Administration [US DOE]
EIS	Environmental Impact Statement
ELM	Environmental Learning in Minnesota Fund
EPA	[United States] Environmental Protection Agency
ES	Energy Supply [TWG]
EtOH	ethyl alcohol
EU	European Union
FEED	front-end engineering and design
FIA	Forest Inventory and Analysis [USFS/Minnesota DNR]
FRC	[Minnesota] Forest Resources Council
FSA	Farm Service Agency [USDA]
FSC	[Minnesota] Forest Stewardship Council
FTEs	full-time equivalents
gal	gallon
GHG	greenhouse gas
GIS	geographic information system
GM	General Motors
GMAC	General Motors Acceptance Corporation
GPS	generation performance standard
GREET	Greenhouse Gases, Regulated Emissions, and Energy Use in Transportation [model]
GWP	global warming potential
HDPE	high-density polyethylene
HERS	Home Energy Rating System
HEV	hybridized electric vehicle
HFC	hydrofluorocarbon
HOT	high-occupancy toll
HOV	high-occupancy vehicle
HPGHG	high-potential greenhouse gas
HPGWG	high-potential global warming gas
HUD	[United States Department of] Housing and Urban Development
I&F	Inventory and Forecast
IAC	Industrial Assessment Center

ICC	International Code Council
ICLEI	Local Governments for Sustainability [formerly International Council for Local Environmental Initiatives]
IGCC	integrated gasification combined cycle
ILSR	Institute for Local Self-Reliance
IPCC	Intergovernmental Panel on Climate Change
IPPAT	Interagency Pollution Prevention Advisory Team
IRP	integrated resource planning
kWh	kilowatt-hour
LandGEM	Landfill Gas Emissions Model [US EPA]
LCDA	Livable Communities Demonstration Account
LCE	levelized cost-effectiveness
LCFS	low-carbon fuel standard
LDPE	low-density polyethylene
LDV	light-duty vehicle
LEED	Leadership in Energy and Environmental Design Green Building Rating System™
LEV	low-emission vehicle
LFG	landfill gas
LFGcost	landfill gas cost model [US EPA]
LFGTE	landfill gas-to-energy
LGFS	low-GHG fuel standard
LMOP	Landfill Methane Outreach Program [US EPA]
LNG	liquefied natural gas
LPG	liquefied petroleum gas
M&R	metering and regulating
MAC	[California] Market Advisory Committee
MAEE	Minnesota Association for Environmental Education
MAIN	Mid-America Interconnected Network
MAPP	Mid-Continent Area Power Pool
MC	Metropolitan Council
MCCAG	Minnesota Climate Change Advisory Group
MDA	Minnesota Department of Agriculture
MDOC	[Minnesota] Department of Commerce
MEA	monoethanolamine
MEI	Minnesota Environmental Initiative
MFRC	Minnesota Forest Resources Council
MGA	Midwestern Governors Association
MLS	Multiple Listing Service; Multiple Listing System
MMBtu	million British thermal units
MMGPY	million gallons per year
MMtCO <sub>2</sub> e	million metric tons of carbon dioxide equivalent
MnDOC	Minnesota Department of Commerce
MnDOT	Minnesota Department of Transportation

MnTAP	Minnesota Technical Assistance Program
MOU	memorandum of understanding
MPCA	Minnesota Pollution Control Agency
mpg	miles per gallon
MPUC	Minnesota Public Utilities Commission
MSW	municipal solid waste
Mt	metric ton
MtC/acre	metric tons of carbon per acre
MtCO <sub>2</sub> /acre	metric tons of carbon dioxide per acre
MVST	motor vehicle sales tax
MW	megawatt
MWh	megawatt-hours [one thousand kilowatt-hours]
N	nitrogen
N <sub>2</sub> O	nitrous oxide
NEMA	National Electrical Manufacturers Association
NG	natural gas
NGCC	natural gas combined cycle
NGEA	Next Generation Energy Act
NHTSA	National Highway Traffic Safety Administration [US DOT]
NMSU	Northern Minnesota State University
NO <sub>x</sub>	nitrogen oxides
NPV	net present value
NRCS	Natural Resource Conservation Service [USDA]
NREL	National Renewable Energy Laboratory [US DOE]
NRI	National Resources Inventory
NSPS/EG	New Source Performance Standards/Emission Guidelines [US EPA]
O&M	operations and maintenance
ODS	ozone-depleting substance
ORNL	Oak Ridge National Laboratory [US DOE]
PATH	Partnership for Advanced Technology in Housing
PAYD	pay as you drive
PAYT	pay as you throw
PCA	[Minnesota] Pollution Control Agency
PC/LDT	passenger car/light-duty truck
PET	polyethylene terephthalate
PFC	perfluororocarbon
PGF	Project Green Fleet
PHEV	plug-in hybrid electric vehicle
PIRG	Public Interest Research Group
PUC	Public Utilities Commission
PWA	plant-wide assessment

PZEV	partial zero-emission vehicle
R&D	research and development
RCI	Residential, Commercial, and Industrial [TWG]
RDF	refuse-derived fuel
RES	renewable electricity standard
RFS	renewable fuels standard
RGGI	[Northeast States] Regional Greenhouse Gas Initiative
RIM	Reinvest in Minnesota
RIM–CE	Reinvest in Minnesota–Clean Energy
RPS	renewable portfolio standard
SCORE	[Minnesota Governor's] Select Committee on Recycling and the Environment
SEEK	Sharing Environmental Education Knowledge [Partnership]
SF <sub>6</sub>	sulfur hexafluoride
SOCCR	<i>The First State of the Carbon Cycle Report</i>
SPP	Southwest Power Pool
SULEV	super-ultra-low-emission vehicle
SWCD	Minnesota Association of Soil and Water Conservation Districts
T&D	transmission and distribution
TAB	Transportation Advisory Board
TBRA	Tax Base Revitalization Account
tCO <sub>2</sub> /MWh	[metric] tons of carbon dioxide emissions per megawatt-hour
tC/acre	[metric] tons of carbon per acre
tCO <sub>2</sub> /acre	[metric] tons of carbon dioxide per acre
TCRP	Transit Cooperative Research Program [Transportation Research Board]
TDM	transportation demand management
TEAP	Technology and Economic Assessment Panel [IPCC]
TIP	Transportation Improvement Plan
TLU	Transportation and Land Use [TWG]
TWG	Technical Work Group
ULEV	ultra-low-emission vehicle
USDA	United States Department of Agriculture
US DOE	United States Department of Energy
US DOT	United States Department of Transportation
USFS	United States Forest Service [USDA]
VMT	vehicle miles traveled
VOC	volatile organic compound
WAP	Weatherization Assistance Program [US DOE]
WARM	Waste Reduction Model [US EPA]
WCI	Western Climate Initiative

WTE

waste to energy