

Acronyms and Abbreviations

<u>Acronym</u>	<u>Definition</u>
\$/tCO ₂ e	dollars per metric ton of carbon dioxide equivalent
\$MM	Million dollars
A/V	audio
AAG	Adaptation Advisory Group
AARA	American Recovery and Reinvestment Act of 2009
ADOL	Alaska Department of Law
ADOT&PF	Alaska Department of Transportation and Public Facilities
AEA	Alaska Energy Authority
AEO2006	<i>(EIA) Annual Energy Outlook 2006</i>
AEO2008	<i>(EIA) Annual Energy Outlook 2008</i>
AFOLU	Agriculture, Forestry, and Other Land Uses
AFV	alternative-fuel vehicle
AG	Above ground
AHFC	Alaska Housing Finance Corporation
AIDEA	Alaska Industrial Development and Export Authority
AK	Alaska
AMATS	Anchorage Metropolitan Area Transportation Solutions
ANC	Alaska Native Corporation
ANCSA	Alaska Native Claims Settlement Act
AOGCC	Alaska Oil and Gas Conservation Commission
API	American Petroleum Institute
APTA	American Public Transportation Association
APU	auxiliary power unit
BAU	business as usual
BBLs	barrels
BC	black carbon
BDT	bone dry ton
BIA	Business & Industry Association of New Hampshire
BMP	Best management practices
BOD	biochemical oxygen demand
BOF	(Alaska) Board of Fisheries
Btu	British thermal unit
C	carbon
CAA	(US) Clean Air Act

<u>Acronym</u>	<u>Definition</u>
CAFE	Corporate Average Fuel Economy
CARB	California Air Resources Board
CBM	coal bed methane
CC	Cross-Cutting Issues
CCHRC	Alaska Cold Climate Housing Research Center
CCS	Center for Climate Strategies
CCSC	Alaska Climate Change Sub-Cabinet
CCSR	carbon capture and storage, sequestration and/or reuse
CCX	Chicago Climate Exchange
CEC	Commission for Environmental Cooperation
CES	Cooperative Extension Service
CFC	chlorofluorocarbon
CFL	Compact fluorescent lights
CGF	central gas facility
CH ₄	Methane
CHP	combined heat and power
CMAI	culmination of mean annual increment
CNG	compressed natural gas
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
COE	U.S. Army Corps of Engineers (Alaska District)
COPs	Conferences of the Parties
CPC	Community Power Corporation
CSE	cost of saved energy
CT	Commercial thinning
CWPP	Community Wildfire Protection Plan
DCCED	(Alaska) Department of Commerce, Community, and Economic
DEC	(Alaska) Department of Environmental Conservation
DMV	Department of Motor Vehicles
DNR	(Alaska) Department of Natural Resources
DOE	(United States) Department of Energy
DOF	(Alaska DNR) Division of Forestry
DOR	(Alaska) Department of Revenue
DSM	demand-side management
EC	elemental carbon
EE	energy efficiency

<u>Acronym</u>	<u>Definition</u>
EEZ	exclusive economic zone
eGRID	(US EPA) Emissions & Generation Resource Integrated Database
EGU	electric generating unit
EIA	(US DOE) Energy Information Administration
EIIP	Emission Inventory Improvement Program
EISA	Energy Independence and Security Act of 2007
EOR	enhanced oil recovery
EPA	(United States) Environmental Protection Agency
EPAct	federal Energy Policy Act (2005)
EPRI	Electric Power Research Institute
EPS	Environmental Program Specialist
ESD	Energy Supply and Demand
EUR	estimated ultimate recovery
FAA	Federal Aviation Administration
FAW	Forestry, Agriculture and Waste
FF	fossil fuels
FHWA	Federal Highway Administration
FIA	(USFS) Forest Inventory and Analysis
FMATS	Fairbanks Metropolitan Area Transportation Study
g	gram
gal	gallon
GHG	greenhouse gas
GWh	gigawatt-hour [one million kilowatt-hours]
GWP	global warming potential
HB	House Bill
HDPE	high-density polyethylene
HFC	hydrofluorocarbon
HPS	high-pressure sodium
HVAC	heating, ventilation, and air conditioning
I&F	Inventory and Forecast
IAWG	Immediate Actions Work Group
Ind.	Industrial
IPCC	(United Nations) Intergovernmental Panel on Climate Change
ISER	Institute for Social and Economic Research
ITS	intelligent transportation system
JPO	Joint Pipeline Office

<u>Acronym</u>	<u>Definition</u>
kg	kilogram
kW	kilowatt
kWh	kilowatt-hour
lb	pound
LDPE	low-density polyethylene
LED	light-emitting diode
LEED	Leadership in Energy and Environmental Design [Green Building
LF	landfill
LFGTE	landfill gas-to-energy
LMOP	(EPA) Landfill Methane Outreach Program
LPG	liquefied petroleum gas
MAG	Mitigation Advisory Group
MM	million
MMBtu	million British thermal units
MMS	(Alaska) Minerals Management Service
MMt	million metric tons
MMtCO ₂ e	million metric tons of carbon dioxide equivalent
MPH	miles per hour
MPO	metropolitan planning organization
Mscf	thousand standard cubic feet
MSW	municipal solid waste
Mt	metric ton (1,000 kilograms or 22,051 pounds)
MW	megawatt [one thousand kilowatts]
MWh	megawatt-hour [one thousand kilowatt-hours]
N	nitrogen
N/A	not applicable
N ₂ O	nitrous oxide
NASS	(USDA) National Agricultural Statistics Service
NEI	(EPA) National Emissions Inventory
NESCAUM	Northeast States for Coordinated Air Use Management
NextGen	Next Generation Air Transportation System
NGO	nongovernmental organization
NHDES	New Hampshire Department of Environmental Services
NIMBY	Not In My Back Yard
NO _x	oxides of nitrogen
NPV	net present value

<u>Acronym</u>	<u>Definition</u>
NQ	not quantified
NRCS	(USDA) Natural Resources Conservation Service
NREL	(US DOE) National Renewable Energy Laboratory
NSB	Alaska North Slope Borough
NSR	New Source Review
O&G	Oil and Gas
O&M	operation and maintenance
ODS	ozone-depleting substance
OG	Oil and Gas
OM	organic material
OMB	(Alaska) Office of Management and Budget
PAYT	Pay As You Throw
PBF	public benefit fund
PCE	Power Cost Equalization
PCT	Pre-commercial thinning
PET	polyethylene terephthalate
PFC	perfluororocarbon
PHEV	plug-in hybrid electric vehicles
PM	particulate matter
PM _{2.5}	particulate matter of less than 2.5 micrometers
PMT	passenger miles traveled
PPI	Producer Price Index
PTC	production tax credit
R&D	research and development
RCA	Regulatory Commission of Alaska
RCI	Residential, Commercial, and Industrial
RDC	Resource Development Council
RE	Renewable energy
Res/Con	residential and commercial sectors
RNWG	Research Needs Working Group
SAR	(IPCC) Second Assessment Report
SB	Senate Bill
SCAG	Southern California Association of Governments
SE	southeast
SED	(DOE EIA) State Energy Data
SEDS	State Energy Data System

<u>Acronym</u>	<u>Definition</u>
SF ₆	sulfur hexafluoride
SGIT	(EPA) State Greenhouse Gas Inventory Tool
SOV	single-occupant-vehicle
Strategy	Alaska Climate Change Strategy
Sub-Cabinet	Alaska Climate Change Sub-Cabinet
t	metric ton
T&D	transmission and distribution
TAF	(FAA) Terminal Area Forecast System
TAR	(IPCC) Third Assessment Report
TBD	to be determined
tC	metric ton of carbon
TCF	Trillion cubic feet
tCO ₂	metric tons of carbon dioxide
tCO ₂ e	metric tons of carbon dioxide equivalent
TCR	The Climate Registry
TEM	(UAF) Terrestrial Ecosystem Model
Tg	teragram
TJ	terajoule
TLU	Transportation and Land Use
TNF	Tongass National Forest
TSS	TSS Consultants
TWG	Technical Work Group
TWh	terawatt-hours
UA	University of Alaska
UAA	University of Alaska - Anchorage
UAF	University of Alaska - Fairbanks
UIC	underground injection control
UNFCCC	United Nations Framework Convention on Climate Change
US	United States
US DOE	United States Department of Energy
US EPA	United States Environmental Protection Agency
USDA	United States Department of Agriculture
USFS	United States Forest Service
USGS	United States Geological Survey
VIUS	Vehicle Inventory and Use Survey
VMT	vehicle miles traveled

<u>Acronym</u>	<u>Definition</u>
W	watt
W/m ²	watts per square meter
WARM	(US EPA) WAsTe Reduction Model
WCI	Western Climate Initiative
WRAP	Western Regional Air Partnership
WW	wastewater
yr	year