

ACRONYMS AND ABBREVIATIONS

ACCA:	Air Conditioning Contractors of America
AEO:	Annual Energy Outlook
ANOPR:	Advance Notice of Proposed Rulemaking
ANSI:	American National Standards Institute
ARI:	Air-Conditioning and Refrigeration Institute
ARWI:	Air-Conditioning & Refrigeration Wholesalers Association International
ASHRAE:	American Society of Heating, Refrigerating and Air-Conditioning Engineers
BLAST:	Building Loads and System Thermodynamics
BLM:	Bureau of Land Management
BOM:	bill of materials
BOMA:	Building Owners and Managers Association
Btu/h:	British thermal units per hour
C&I:	commercial and industrial
CAPM:	capital asset pricing model
CBECS:	Commercial Buildings Energy Consumption Survey
CDD:	cooling degree-days
CFL:	compact fluorescent lamp
cfm:	cubic feet per minute
CMER:	consumer marginal energy rates
CO ₂ :	carbon dioxide
COP:	coefficient of performance
CPU:	central processing unit
CUAC:	commercial unitary air conditioner
DCV:	demand-controlled ventilation
DFS:	demolished floor space
DOE:	Department of Energy
ECB:	energy cost budget
ECM:	electronically commutated motor
EER:	energy efficiency ratio
EFS:	existing floor space
EHD:	electro-hydrodynamic enhancement
EIA:	Energy Information Administration
ELCAP:	End-Use Load and Consumer Assessment Program
EPA:	Environmental Protection Agency
EPACT:	Energy Policy Act
EPCA:	Energy Policy and Conservation Act
ERP:	equity risk premium
EUI:	end use intensity
EXV:	electronic expansion valve
FCR:	fixed charge rate
FEMA:	Federal Emergency Management Agency

FEMP:	Federal Energy Management Program
FERC:	Federal Energy Regulatory Commission
FG:	fiberglass
FLEOH:	full load equivalent operating hours
GDP:	gross domestic product
GRIM:	Government Regulatory Impact Model
HCFC:	hydro-chlorofluorocarbon
HDD:	heating degree-days
HFC:	hydrofluorocarbon
hp:	horsepower
HRCU-A-CB:	Split System Heat Pump with Remote Outdoor Unit, Air Source
HSP-A:	Single Package Heat Pump, Air Source
HTML:	Hypertext Markup Language
HVAC:	heating, ventilation, and air conditioning
IESNA:	Illuminating Engineering Society of North America
IMBUILD:	Impact of Building Energy Efficiency Programs
IMPLAN:	Impact Analysis for Planning
IOU:	investor-owned utility
IPLV:	Integrated Part-Load Value
ISO:	independent system operator
ITS:	Intertek Testing Services
K:	Kelvin
kW:	kilowatts
kWh:	kilowatt hours (10^3 watt-hours)
LBNL:	Lawrence Berkeley National Laboratory
LCC:	life-cycle cost
LMTD:	log-mean temperature difference
low-e:	low-emissivity
LP:	linear programming
MIA:	manufacturer impact analysis
MMS:	maximum market saturation
MWh:	megawatt-hours (10^6 watt-hours)
NECPA:	National Energy Conservation Policy Act
NEMS:	National Energy Modeling System
NEMS-BT:	National Energy Modeling System-Building Technologies
NES:	national energy savings
NFPA:	National Fire Protection Association
NFS:	new construction floor space
NH ₃ :	ammonia
NIOSH:	National Institute for Occupational Safety and Health
NIST:	National Institute of Standards and Technology
NOAA:	National Oceanographic and Atmospheric Administration
NOPR:	Notice of Proposed Rulemaking
NO _x :	oxides of nitrogen

NPV:	net present value
O&P:	overhead and profit
OEM:	original equipment manufacturer
OIRA:	Office of Information and Regulatory Affairs
OMB:	Office of Management and Budget
ORNL:	Oak Ridge National Laboratory
OSHA:	Occupational Safety and Health Administration
PBA:	principal building activity
PBP:	payback period
PJM:	Pennsylvania-New Jersey-Maryland
PNNL:	Pacific Northwest National Laboratory
ppm:	parts per million
PTAC:	packaged terminal air conditioner
quad:	quadrillion (10 ¹⁵) Btu
RCU-A-C:	Split System Air Cooled Condensing Unit, Coil Alone
RCU-A-CB:	Split System Condensing Unit, Coil with Blower, Air Cooled
RCUY-A-CB:	Year-Round Split System Air Cooled Condensing Unit, Coil Alone
REIT:	systematic firm risk in the property owner and development sector
RER:	Regional Economic Research, Inc.
RTP:	real-time pricing
SC:	shading coefficient
SEC:	Securities Exchange Commission
sf:	square foot
SFS:	surviving floor space
SHR:	sensible heat ratio
SIC:	standard industrial code
SO ₂ :	sulfur dioxide
SP-A:	Single Package Air Conditioner, Air Cooled
SPVU:	single package vertical units
SPY-A:	Year-Round Single Package Air Conditioner, Air Cooled
SSPC:	Standing Standards Project Committee
SWH:	service water-heating
TDM:	tariff data model
TES:	thermal energy storage
TMY:	typical meteorological year
TOU:	time-of-use
TSD:	Technical Support Document
TXV:	thermostatic expansion valve
UA:	heat transfer coefficient multiplied by area
UAC PPI:	unitary air conditioner producers price index
URL:	Uniform Resource Locator
USGS:	United States Geological Survey
W/ft ² :	watts per square foot
WACC:	weighted average cost of capital

WWR: window-to-wall ratio