

ACRONYMS AND ABBREVIATIONS

AC:	alternating current
ACCA:	Air Conditioning Contractors of America
ACEEE:	American Council for an Energy Efficient Economy
AEC:	annual energy consumption
AEO:	Annual Energy Outlook
AFUE:	Annual Fuel Utilization Efficiency
AGA:	America Gas Association
AHP:	air power
ANOPR:	Advanced Notice of Proposed Rulemaking
ANSI:	American National Standards Institute
ARI:	Air-Conditioning and Refrigeration Institute
ASHRAE:	American Society of Heating, Refrigerating and Air-Conditioning Engineers
ASTM:	American Society for Testing and Materials
BOH:	burner operating hours
BOM:	bill of materials
cfm:	cubic feet per minute
CFR:	Code of Federal Regulations
CO:	carbon monoxide
CO ₂ :	carbon dioxide
CPI:	Consumer Price Index
DF:	draft factor
DHR:	design heating requirement
DOE:	U.S. Department of Energy (also “the Department”)
DOJ:	U.S. Department of Justice
E _{AE} :	average annual auxiliary electricity consumption
ECM:	electronically commutated motor
EIA:	DOE's Energy Information Administration
EPACT:	Energy Policy Act
EPCA:	Energy Policy and Conservation Act
FEMP:	Federal Energy Management Program
GAMA:	Gas Appliance Manufacturers Association
GDP:	Gross Domestic Product
GRI:	Gas Research Institute
GRIM:	Government Regulatory Impact Model
GTI:	Gas Technology Institute
HCL:	house cooling load
HDD:	heating degree-days
HHL:	house heating load
HSI:	hot surface ignitor
HTPV:	high temperature plastic vents
HVAC:	heating, ventilation, and air conditioning

HX:	heat exchanger
ICS:	isolated combustion system
IM:	installation model
in.w.g.:	inches water gauge
kWh:	kilowatt hours (10^3 watt-hours)
LCC:	life-cycle cost
LPG:	liquid petroleum gas
MHF:	mobile home furnace
MHI:	Manufactured Housing Institute
MIA:	manufacturer impact analysis
MMBtu:	million Btu
NAECA:	National Appliance Energy Conservation Act
NECPA:	National Energy Conservation Policy Act
NEMS:	National Energy Modeling System
NES:	national energy savings
NFGC:	National Fuel Gas Code
NFPA:	National Fire Protection Association
NOPR:	Notice of Proposed Rulemaking
NO _x :	oxides of nitrogen
NPGA:	National Propane Gas Association
NPV:	net present value
NRCan:	Natural Resources Canada
OIRA:	Office of Information and Regulatory Affairs
OMB:	Office of Management and Budget
PBP:	payback period
PSC:	permanent split capacitor
psig:	pounds per square inch gauge
PVC:	polyvinylchloride
quads:	quadrillion (10^{15}) Btu
R&D:	research and development
RECS:	Residential Energy Consumption Survey
rpm	revolutions per minute
S&P:	Standard & Poor's
SCF:	standard cubic feet
SEER:	Seasonal Energy Efficiency Ratio
SI:	standard units
SG&A:	selling, general, and administration costs
SNOPR:	Supplemental Notice of Proposed Rulemaking
SO ₂ :	sulfur dioxide
SSE:	steady state efficiency
TPV:	thermophotovoltaic
TSD:	Technical Support Document
UEC:	unit energy consumption
UL:	Underwriters Laboratories