

## ACRONYMS AND ABBREVIATIONS

ACCA	Air Conditioning Contractors of America
ACEEE	American Council for an Energy Efficient Economy
AEO	Annual Energy Outlook
AHRI	Air-Conditioning, Heating, and Refrigeration Institute
AIRD	active infiltration reduction device
ANSI	American National Standards Institute
ARI	Air-Conditioning and Refrigeration Institute
ASAP	Appliance Standards Awareness Project
ASHRAE	American Society of Heating, Refrigeration and Air-Conditioning Engineers
ASM	Annual Survey of Manufacturers
BOM	bill of materials
BT	building technologies
BTU	British thermal units
CAIR	Clean Air Interstate Rule
CAMR	Clean Air Mercury Rule
CB ECS	Commercial Building Energy Consumption Survey
CFC	chlorofluorocarbons
CFL	compact fluorescent light
CFR	Code of Federal Regulations
CIR	Current Industry Reports
CMER	consumer marginal energy rates
CRE	commercial refrigeration equipment
CRMD	Commercial Refrigerator Manufacturers Division
CSL	candidate standard level
DC	direct current
DF	discount factor
DOE	U.S. Department of Energy
DOJ	U.S. Department of Justice
DPTXV	differential pressure thermostatic expansion valve
ECM	electronically commutated motors
EI	Edison Electric Institute
EER	energy efficiency ratio
EEV	electronic expansion valve
EGU	electric generating unit
EIA	Energy Information Agency
EISA 2007	Energy Independence and Security Act of 2007
EPA	U.S. Environmental Protection Agency
EPCA	Energy Policy and Conservation Act of 1975
°F	degrees Fahrenheit
FTC	U.S. Federal Trade Commission
GAMA	Gas Appliance Manufacturers Association
GHG	greenhouse gas
GRIM	Government Regulatory Impact Model

HARDI	Heating, Airconditioning, and Refrigeration Distributors International
HCFC	hydrochlorofluorocarbon
HFC	hydrofluorocarbon
HVAC	heating, ventilation, and air conditioning
ICS	International Cold Storage
ImSET	Impact of Sector Energy Technologies
INPV	industry net present value
IRD	infiltration reduction device
kWh	kilowatt hour
LBNL	Lawrence Berkeley National Laboratory
LCC	life-cycle cost
LED	light emitting diode
LFH	load factor at high load
LFL	load factor at low load
LTTR	long-term thermal resistance
MEPS	minimum energy performance standards
MIA	manufacturer impact analysis
MLP	manufacturer list price
MPC	manufacturer production cost
MSP	manufacturer selling price
MTA	market and technology assessment
NAEEEC	National Appliance and Equipment Energy Efficiency Committee
NAFEM	North American Association of Food Equipment Manufacturers
NAICS	North American Industry Classification System
NEEA	Northwest Energy Efficiency Alliance
NEMS	National Energy Modeling System
NECPA	National Energy Conservation Policy Act
NES	national energy savings
NIA	national impact analysis
NPV	net present value
NOPR	Notice of Proposed Rulemaking
NRCan	Natural Resources Canada
OHA	Office of Hearings and Appeals
OLED	organic light emitting diode
OMB	U.S. Office of Management and Budget
PBP	payback period
PIMA	Polyisocyanurate Insulation Manufacturers Association
PIRD	passive infiltration reduction device
PM	particulate matter
PMA	Polyurethane Manufacturers Association
PNNL	Pacific Northwest National Laboratory
PPI	producer price indices
PSC	permanent split capacitor
PU	polyurethane
R&D	research and development
RIA	regulatory impact analysis

SBA	U.S. Small Business Administration
SCC	social cost of carbon
SCE	Southern California Edison
SCT	saturated condensing temperature
SEC	U.S. Securities Exchange Commission
SET	saturated evaporator temperature
SPFA	Spray Polyurethane Foam Alliance
SST	saturated suction temperature
TD	temperature difference
TSD	Technical Support Document
TXV	thermostatic expansion valve
UEC	unit energy consumption
USC	United States Code
VIP	vacuum insulated panel
W	watt
Wh	watt-hour
WACC	weighted-average cost of capital
WICF	walk-in coolers and walk-in freezers
XPS	extruded polystyrene
XPSA	Extruded Polystyrene Foam Association