

LIST OF ACRONYMS AND ABBREVIATIONS

AC	alternating current
ACEEE	American Council for Energy Efficient Economy
AEC	Annual Energy Consumption
AEO	Annual Energy Outlook
AWG	American wire gauge
BES	Business Expenses Survey (U.S. Census Bureau)
BOM	bill of materials
C	Celsius
CAIR	Clean Air Interstate Rule
CAMR	Clean Air Mercury Rule
CAPM	Capital Asset Pricing Model
CD	certificate of deposit
CEE	Consortium for Energy Efficiency
CGS	cost of goods sold
CO	carbon monoxide
CO ₂	carbon dioxide
CRML	cold-rolled magnetic laminations
CSA	cross-sectional area
CSCR	capacitor-start, capacitor-run motor
CSIR	capacitor-start, induction-run motor
CSL	candidate standard level
DC	direct current
DF	discount factor
DOE	U.S. Department of Energy
EC	equipment class
EERE	Office of Energy Efficiency and Renewable Energy (DOE)
EIA	Energy Information Administration (DOE)
EISA	Energy Independence and Security Act of 2007
EMERF	Electric Motor Education and Research Foundation
EPA	U.S. Environmental Protection Agency
EPACT	Energy Policy Act
EPCA	Energy Policy and Conservation Act of 1975
ERP	equity risk premium
FEMP	Federal Energy Management Program (U.S. DOE)

GM	gross margin
GRIM	Government Regulatory Impact Model
Hg	mercury
HP	horsepower
HVAC	heating ventilating and air conditioning
IEC	International Electrotechnical Commission
ImSET	Impact of Sector Energy Technologies Model
I-O	input-output
kW	kilowatt
kWh	kilowatt-hour
LBNL	Lawrence Berkeley National Laboratory
LCC	life-cycle cost
LSC	labor-scaling costs
M*	M15, M19, M36, M47, M56 - grade of core steel
MIA	manufacturer impact analysis
MPC	manufacturer production cost
MSP	manufacturer selling price
NAICS	North American Industry Classification System
NCI	Navigant Consulting, Inc
NEMA	National Electrical Manufacturers Association
NEMS	National Energy Modeling System
NEMS-BT	National Energy Modeling System - Building Technologies
NES	national energy savings
NFPA	National Fire Protection Association
NIA	national impact analysis
NLSC	non-labor-scaling costs
NOPM	notice of public meeting
NOPR	notice of proposed rulemaking
NO _x	nitrogen oxides
NPV	net present value
OEM	original equipment manufacturer
OMB	Office of Management and Budget
PBIP	plastic bonded iron powder
PBP	payback period
PM	particulate matter
PNNL	Pacific Northwest National Laboratory

PSC	permanent-split capacitor motor
R&D	research and development
RMS	root mean square
RPM	revolutions per minute
SBA	Small Business Administration
SCF	Survey of Consumer Finances
SEC	Securities and Exchange Commission
SMMA	Motors and Motion Association
SO ₂	sulfur dioxide
TSD	technical support document
U.S.	United States
UEC	unit energy consumption
WACC	weighted average cost of capital
μF	microfarads