

APPENDIX K: LIST OF ACRONYMS AND ABBREVIATIONS

§: Section

Act or EPCA: Part B of Title III of the Energy Policy and Conservation Act, Public Law 94-163, as amended by the National Energy Conservation Policy Act, Public Law 95-619, the National Appliance Energy Conservation Act, Public Law 100-12, the National Appliance Energy Conservation Amendments of 1988, Public Law 100-357, and the Energy Policy Act of 1992, Public Law 102-486

AC or A/C: air conditioner

ADL: Arthur D. Little, Inc.

AEC: Annual Energy Consumption

AEO: *Annual Energy Outlook*, DOE/EIA publication

ACCA: Air Conditioning Contractors of America

ANOPR: Advance Notice of Proposed Rulemaking

ARI: Air-Conditioning & Refrigeration Institute

ARW: Air Conditioning and Refrigeration Wholesalers

ASHRAE: American Society of Heating, Refrigeration, and Air-Conditioning Engineers, Inc.

BLAST: Building Loads and Systems Thermodynamics simulation tool

BLS: Bureau of Labor Statistics

BOM: Bill of Materials

BRS: Building Research and Standards, office of DOE

Btu: British thermal unit

C: carbon

CAC: central air conditioner

CAC-HP: central air conditioner and heat pump

CAPM: capital asset pricing model

CBECS: *Commercial Building Energy Consumption Survey*, DOE/EIA publication

CDD: cooling degree day

CFR: Code of Federal Regulations

CIR: Current Industrial Reports

CMER: consumer marginal energy rates

CO₂: carbon dioxide

Co-op: rural cooperative utility

CRF: capital recovery factor

DC: direct current

DOE: Department of Energy

DOJ: Department of Justice

EA: Environmental Assessment

EBIT: Earnings Before Interest and Taxes

EBT: Earnings Before Taxes

ECM: electronically commutated motor

EER: energy efficiency ratio

EIA: Energy Information Administration

EJ: exajoules (10^{18} joules)

E.O.: Executive Order

EPA: Environmental Protection Agency

EPCA: Energy Policy and Conservation Act

EPACT: Energy Policy and Conservation Act

FEMP: Federal Energy Management Program

FLEOH: full load equipment operating hours

FONSI: Finding of No Significant Impact

FR: Federal Register

G & A: General and Administrative

GJ: gigajoules (10^9 joules)

GNP: gross national product

GRI: Gas Research Institute

GRIM: Government Regulatory Impact Model

GW: gigawatt

HCFC: hydrochlorfluorocarbon

HDD: heating degree day

HFC: hydrofluorocarbon

HP: heat pump

HSPF: heating seasonal performance factor

HVAC: heating, ventilating, and air-conditioning

ImBuild: Impact of Building Energy Efficiency Programs model

INPV: industry net present value

IOU: investor owned utility

ISO: International Standards Organization

kt/a: thousand metric tons per year

kWh: kilowatt-hour

LBNL: Lawrence Berkeley National Laboratory

LCC: Life-Cycle Cost

Max Tech: maximum technologically feasible

Mfr: manufacturer

MIA: Manufacturer Impact Analysis

MMBtu: million Btu

Mt/a: megatons (10^6 metric tons) per year

Muni: municipal utility

NAECA: National Appliance Energy Conservation Act

NEMS: National Energy Modeling System

NEMS-BRS: National Energy Modeling System - Building Research and Standards

NEPA: National Environmental Policy Act of 1969

NES: National Energy Savings

NOPR: Notice of Proposed Rulemaking

NOx: nitrogen oxides

NPV: net present value

OEM: original equipment manufacturer

OIRA: Office of Information and Regulatory Affairs

OMB: Office of Management and Budget

ORNL: Oak Ridge National Laboratory

PAC: packaged air conditioner

PBP: payback period

PHP: packaged heat pump

PNNL: Pacific Northwest National Laboratory

PPI: producer price index

PSC: permanent split capacitor

PTAC: packaged terminal air conditioner

Quads: quadrillion Btu

R&D: Research and Development

RECS: *Residential Energy Consumption Survey*, DOE/EIA publication

Rev Eng: reverse engineering

RIA: Regulatory Impact Analysis

ROIC: return on invested capital

RTPF: round tube, plate fin

S & P: Standard & Poor's

SANOPR: Supplementary Advance Notice of Proposed Rulemaking

SCF: *Survey of Consumer Finances*, Federal Reserve Board publication

SEER: seasonal energy efficiency ratio

SEC: Securities and Exchange Commission

SG&A: Sales, General, & Administration

SIC: Standard Industrial Classification

SO₂: sulfur dioxide

src_conv: source conversion factor

SRM: switched reluctance motor

t: metric ton

TSD: Technical Support Document

TSL: trial standard level

TWh: terrawatt-hour

TXV: thermostatic expansion valve

UEC: unit energy consumption

U.S.C.: United States Code

VS: variable-speed

WACC: weighted average cost of capital