

## 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

**CB ECS:** *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

**CO<sub>2</sub>:** 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

**SO<sub>2</sub>:** 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