

## APPENDIX B ACRONYMS AND ABBREVIATIONS

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ABC	American Bird Conservancy
ADT	Average Daily Traffic
AECI	Associated Electric Cooperative, Inc.
ACHP	Advisory Council on Historic Preservation
AFB	Air Force Base
AP	Associated Press
APLIC	The Edison Electric Institute's Avian Power Line Interaction Committee
AQRV	Air Quality Related Values
ASM	Archeological Survey of Missouri
ASTM	American Society for Testing and Materials
ASU	Air Separation Unit
ATSDR	Agency for Toxic Substances and Disease Registry
AWEA	American Wind Energy Association
BACT	Best Available Control Technology
BAF	Bioaccumulation Factor
BFE	Base flood elevation
bgs	Below ground surface
BLS	Bureau of Labor Statistics
BMP	Best Management Practices
BNSF	Burlington Northern and Santa Fe Railroad
BOR	Bureau of Reclamation (US Department of Interior)
Btu	British thermal unit
CA	Conservation Area (Missouri)
CAA	Clean Air Act
CadnA	Computer Aided Design for Noise Abatement
CAMR	Clean Air Mercury Rule
CAO	Conservation Area Opportunity
CEDDS	Complete Economic and Demographic Data Series

CEQ	Council on Environmental Quality
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CFB	Circulating Fluidized Bed (boiler coal technology)
CFCs	Chlorofluorocarbons
CFR	Code of Federal Regulations
cfs	Cubic feet per second
CH <sub>3</sub> Hg	Methylmercury
CH <sub>4</sub>	Methane
CHP	Combined-Heat-and-Power
Cl	Chloride
Cm/sec	Centimeters per second
CO	Carbon monoxide
CO <sub>2</sub>	Carbon dioxide
COE	Cost of Electricity
COS	Carbonyl sulfide
CPR	Cardio-pulmonary Resuscitation
CRP	Conservation Reserve Program
CSP	Concentrating Solar Power
CSR	Code of State Regulations
CT	Combustion turbine
CWA	Clean Water Act
dB	Decibel
dBA	A-weighted Decibel
dbh	Diameter at breast height
DEIS	Draft Environmental Impact Statement
DEQ	Department of Environmental Quality (Montana)
DNR	Department of Natural Resources (Missouri)
DO	Dissolved oxygen

DOD	Department of Defense (U.S.)
DOE	Department of Energy (U.S.)
DOI	Department of Interior (U.S.)
DOT	Department of Transportation
DSM	Demand Side Management
EA	Environmental Assessment
EERE	Energy Efficiency and Renewable Energy (U.S. DOE)
EGU	Electric Generating Unit
EIA	Energy Information Administration (U.S. DOE)
EIS	Environmental Impact Statement
EMF	Electric and magnetic field
EPA	Environmental Protection Agency (U.S.)
EPRI	Electric Power Research Institute
EPAct2005	Energy Policy Act of 2005
FAA	Federal Aviation Administration
FAC	Faculative
FACW	Faculative wetland
FC	Fecal coliform bacteria
FD	Forced Draft
FDA	Food and Drug Administration (U.S.)
FEIS	Final Environmental Impact Statement
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FHWA	Federal Highway Administration.
FGD	Flue Gas Desulfurization
FIRM	Flood Insurance Rate Map
FPPA	Farmland Protection Policy Act
fps	Feet per second
G&T	Generation and Transmission

GAO	Government Accountability Office (U.S.) [formerly the General Accounting Office]
GAP	Gap analysis program
GE	General Electric
GHC	Geo-Heat Center, Oregon Institute of Technology
GHG	Greenhouse Gas
Gpm	Gallons per minute
H <sub>2</sub>	Hydrogen
H <sub>2</sub> O	Water
H <sub>2</sub> S	Hydrogen sulfide
H <sub>2</sub> SO <sub>4</sub>	Sulfuric Acid
Ha	Hectare
HAP	Hazardous Air Pollutant
HC	Hydrocarbons
Hg	Mercury
HGWA	Hercules Glades Wilderness Area
HNO <sub>3</sub>	Nitric Acid
HUD	Department of Housing and Urban Development (U.S.)
Hz	Hertz
IAEA	International Atomic Energy Association
IBA	Important Bird Area
ID	Induced Draft
IGCC	Integrated Gasification Combined Cycle
INEEL	Idaho National Engineering and Environmental Laboratory (U.S. DOE)
INL	Idaho National Laboratory (U.S. DOE)
IPCC	Intergovernmental Panel on Climate Change
KCP&L	Kansas City Power and Light
KDOT	Kansas Department of Transportation.

kV	Kilovolt
kWh	Kilowatt-Hour
L90	90th Percentile-Exceeded Noise Level
lb	Pound
Leq	Equivalent Noise Levels
LESA	Land Evaluation and Site Assessment
LOS	Level-of-Service
MASS	Missouri Agricultural Statistical Service
MBTA	Migratory Bird Treaty Act
MD	Metro Dateline
MDC	Missouri Department of Conservation
MDHSS	Missouri Department of Health and Senior Services
MDNR	Missouri Department of Natural Resources
MEA	monoethanolamine
MGD	Million gallons per day
MINT	Missouri-Illinois-Nebraska Transmission
MIT	Massachusetts Institute of Technology
MMBtu	One million British thermal units
MO	Missouri
MOA	Missouri Office of Administration
MOA	Memorandum of Agreement
MoDOT	Missouri Department of Transportation
MP	Measurement point
MSA	Metropolitan Statistical Area
MSL	Mean Sea Level
MSW	Municipal Solid Waste
MW	Megawatt
MWh	Megawatthour
NA	Natural Area

NAAQS	National Ambient Air Quality Standards
NAS	National Academy of Sciences
NASS	National Agricultural Statistical Service
NDOR	Nebraska Department of Roads
NEPA	National Environmental Policy Act
NETL	National Energy and Technology Laboratory (U.S. DOE)
NFIP	National Flood Insurance Program
NFTA	National Fire Protection Association
NFWR	National Fish and Wildlife Refuge
NG	National Geographic
NGCC	Natural Gas Combined Cycle
NGVD	National Geodetic Vertical Datum
NH <sub>3</sub>	Ammonia
NHL	National Historic Landmark
NHPA	National Historic Preservation Act
NIEHA	National Institutes of Health, National Institute of Environmental Health Sciences
NO <sub>2</sub>	Nitrogen dioxide
NO <sub>3</sub> N	Nitrate nitrogen
NO	Nitric Oxide
NOI	Notice of Intent
NO <sub>x</sub>	Nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NPS	National Park Service
NRC	Nuclear Regulatory Commission
NRCS	Natural Resources Conservation Service
NREL	National Renewable Energy Laboratory
NRHP	National Register of Historic Places

NS	Norfolk Southern
NSPS	New Source Performance Standards
NSR	New Source Review
NWI	National Wetlands Inventory
NWPPC	Northwest Power Planning Council
NWR	National Wildlife Refuge
O&M	Operations and Maintenance
O <sub>2</sub>	Oxygen
O <sub>3</sub>	Ozone
Pb	Lead
PC	Pulverized Coal
PCB	Polychlorinated biphenyl
PM	Particulate Matter
PM <sub>10</sub>	Particulate Matter smaller than 10 microns in diameter
PM <sub>2.5</sub>	Particulate Matter smaller than 2.5 microns in diameter
PPM	Parts per million
PRB	Powder River Basin
PRS	Power Requirements Study
PSD	Prevention of Significant Deterioration
psi	pounds per square inch
PTC	Production Tax Credit
PV	Photovoltaic
PW	Production well
RCNM	Roadway Construction Noise Model
RDF	Refuse Derived Fuel
RGGI	Regional Greenhouse Gas Initiative
ROD	Record of Decision
ROW	Right-of-way
RUS	Rural Utilities Service



RV	Recreational vehicle
Scf	standard cubic feet
SCGT	Single Cycle Gas Turbine
SCPC	Supercritical pulverized coal
SCR	Selective Catalytic Reduction
SFHA	Special Flood Hazard Area
SHPO	State Historic Preservation Office
SIP	State Implementation Plan
SNCR	Selective Non-Catalytic Reduction
SPA	Southwest Power Authority
SPCC	Spill Prevention Control and Countermeasure
SO <sub>2</sub>	Sulfur Dioxide
SO <sub>4</sub>	Sulfate
SWPA	Southwestern Power Administration
SWPPP	Storm water Pollution Prevention Plan
Syngas	Synthetic gas
TDS	Total dissolved solids
TMDL	Total Maximum Daily Load
TP	Total phosphorus
Tph	Tons per hour
TSS	Total suspended solids
UADA	University of Arkansas Department of Agriculture
UMC	University of Missouri at Columbia
UP	Union Pacific
U.S.	United States
USACE	U.S. Army Corps of Engineers
USC	United States Code
USDA	U.S. Department of Agriculture
USDA/RD	U.S. Department of Agriculture, Rural Development

USFS	U.S. Forest Service
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UWIG	Utility Wind Integration Group
VOC	Volatile Organic Compound
WTE	Waste to Energy