

Gas and Electric Acronyms

A – Amp

AC – Alternating current

AGA – American Gas Association

AGC – Automatic generation control

ALJ – Administrative law judge

AMI – Advanced metering infrastructure

AMR – Automated meter reading

Bcf – Billion cubic feet

BPA – Bonneville Power Administration

Btu – British thermal unit

CAISO – California Independent System Operator

CCGT – Combined-cycle gas turbine

Cf – Cubic foot

CGA – Canadian Gas Association

CHP – Combined heat and power

CME – Chicago Mercantile Exchange

CNG – Compressed natural gas

COS – Cost of service

CO2 – Carbon dioxide

CPCN – Certificate of Public Convenience and Necessity

CT – Combustion turbine

DC – Direct current

DG – Distributed generation

DOE – U.S. Department of Energy

DSM – Demand side management

Dth – Decatherm

EEB – Electronic bulletin board

EDI – Electronic data interchange

EFO – Emergency flow order

EIA – Energy Information Administration

EMF – Electromagnetic field

EOR – Enhanced oil recovery

EPA – Environmental Protection Agency

EPCA – Environmental Policy Conservation Act of 1965

EPMC – Equal percentage of marginal cost

ERCOT – Electric Reliability Council of Texas

ERO – Electric reliability organization

ESCO – Energy services company

ESP – Energy services provider

EWG – Exempt wholesale generator

FERC – Federal Energy Regulatory Commission

FPA – Federal Power Act

FPC – Federal Power Commission

FRCC – Florida Reliability Coordinating Council

FTC – Federal Trade Commission

FTR – Financial transmission right

GISB – Gas Industry Standards Board

GJ – Gigajoule

GNP – Gross national product

GRI – Gas Research Institute

GW – Gigawatt

GWh – Gigawatt-hour

HVAC – Heating, venting, and air conditioning

HVDC – High voltage direct current

Hz – Hertz

ICE – Intercontinental Exchange

IGCC – Integrated gas combined cycle

INGAA – Interstate Natural Gas Association of America

IOU – Investor-owned utility

IPAA – Independent Petroleum Association of America

IPP – Independent power producer

IRP – Integrated resource plan

ISO – Independent system operator

ISO-NE – ISO New England

IT – Interruptible transportation

kV – Kilovolt

kVA – Kilovolt-ampere

kVAR – Kilovolt-ampere reactive

kW – kilowatt

kWh – Kilowatt hour

LDC – Local distribution company

LMP – Locational marginal price

LPG – Liquefied petroleum gas

LSE – Load-serving entity

MAIN – Mid-America Interconnected Network

MAOP – Maximum allowable operating pressure

MAPP – Mid-Continent Area Power Pool

Mcf – Thousand cubic feet

MDQ – Maximum daily quantity

MFV – Modified fixed variable

MIS – Management information system

MISO – Midcontinent Independent System Operator

MMBtu – Million British thermal units

MMcf – Million cubic feet

MMDth – Million decatherms

MRO – Midwest Reliability Organization

MW – Megawatt

MWh – Megawatt hour

NAESB – North American Energy Standards Board

NARUC – National Association of Regulatory Utility Commissioners

NEA – National Energy Act of 1978

NEB – National Energy Board (of Canada)

NERC – North American Electric Reliability Corporation

NGA – Natural Gas Act of 1938

NGL – Natural gas liquid

NGPA – Natural Gas Policy Act of 1978

NGSA – Natural Gas Supply Association

NGV – Natural gas vehicle

NIMBY – Not in my backyard

NOPR – Notice of Proposed Rulemaking

NOx – Nitrogen oxide

NPPC – Northeast Power Coordinating Council

NRC – Nuclear Regulatory Commission

NUG – Non-utility generator

NYMEX – New York Mercantile Exchange

O&M – Operations and maintenance

OAT – Open access transmission

OATT – Open access transmission tariff

OBA – Operational balancing agreement

OTC – Over the counter

PBR – Performance-based ratemaking

PJM – Pennsylvania New Jersey Maryland

POLR – Provider of last resort

PSC – Public Services Commission

Psi – Pounds per square inch

Psig – Pounds per square inch gauge

PUC – Public utilities commission

PUD – Public utility district

PUHCA – Public Utilities Holding Company Act of 1935

PURPA – Public Utilities Regulatory Policies Act of 1978

PV – Photovoltaic

QF – Qualifying facility

R&D – Research and development

REA – Rural electric agency

REC – Retail electric company

RF – ReliabilityFirst

ROE – Return on equity

ROI – Return on investment

ROR – Rate of return

RPS – Renewable portfolio standard

RTO – Regional transmission operator

SCADA – Supervisory control and data acquisition

SEC – Securities and Exchange Commission

SERC – Southeastern Electric Reliability Council

SEPA – Southeastern Power Administration

SFV – Straight fixed variable

SMD – Standard market design

SO₂ – Sulfur dioxide

SPP – Southwest Power Pool

SWPA – Southwestern Power Administration

TCC – Transmission congestion contract

Tcf – Trillion cubic feet

TCR – Transmission congestion right

TRE – Texas Reliability Entity

Th – Therm

TLR – Transmission loading relief

TO – Transmission owner

TOU – Time-of-use

TSO – Transmission system operator

TVA – Tennessee Valley Authority

UDC – Utility distribution company

UPS – Uninterruptible Power Supply

USE – Underground service entrance

USGS – United States Geological Survey

V – Volt

VA – Volt-ampere

VAR – Value-at-risk, volt-ampere reactive

W – Watt

WACOG – Weighted average cost of gas

WAPA – Western Area Power Administration

WECC – Western Electricity Coordinating Council