

## Acronyms Used in the Integrated Resource Plan

*This list of acronyms commonly used in the electrical industry and energy planning will be periodically updated as new terms are introduced during the IRP process.*

A/C—Air Conditioning

AC—Alternating Current

AEG—Applied Energy Group

AFUDC—Allowance for Funds Used During Construction

Agl—Silver Iodide

akW—Average Kilowatt

aMW—Average Megawatt

ATC—Available Transfer Capacity

B2H—Boardman to Hemingway

BESS—Battery Energy Storage System

BLM—Bureau of Land Management

BPA—Bonneville Power Administration

CADSWES—Center for Advanced Decision Support for Water and Environmental Systems

CAISO—California Independent System Operator

CBM—Capacity Benefit Margin

CCCT—Combined-Cycle Combustion Turbine

cfs—Cubic Feet per Second

CHP—Combined Heat and Power

CMIP—Coupled Model Intercomparison Project

CO<sub>2</sub>—Carbon Dioxide

CPCN—Certificate of Public Convenience and Necessity

CSPP—Cogeneration and Small-Power Producers

CSV—Comma-Separated Values

CWA—*Clean Water Act of 1972*

DC—Direct Current

DEQ—Department of Environmental Quality

DER—Distributed Energy Resources

DOE—Department of Energy

DPO—Draft Proposed Order

DR—Demand Response

DSM—Demand-Side Management

DSP—Distribution System Planning

E3—Energy and Environmental Economics, Inc.

EE—Energy Efficiency

EFORd— Effective Forced Outage Rate During Demand

EFSC—Energy Facility Siting Council

EIA—Energy Information Administration

EIM—Energy Imbalance Market

EIS—Environmental Impact Statement

ELCC—Effective Load Carrying Capability

ELR—Energy Limited Resources

EPA—Environmental Protection Agency

ESA—*Endangered Species Act of 1973*

ESPA—Eastern Snake River Plain Aquifer

ESPAM—Enhanced Snake Plain Aquifer Model

FCRPS—Federal Columbia River Power System

FERC—Federal Energy Regulatory Commission

FPI—Fire Potential Index

FPA—*Federal Power Act of 1920*

GADS—Generating Availability Data System

GBT—Great Basin Transmission

GCM—Global Climate Model

GHG—Greenhouse Gas

GWMA—Ground Water Management Area

HB—House Bill

HCC—Hells Canyon Complex

HGHC—High Gas High Carbon

HRSR—Heat Recovery Steam Generator

IDWR—Idaho Department of Water Resources

IEPR—Integrated Energy Policy Report

IGCC—Integrated Gasification Combined Cycle

INL—Idaho National Laboratory

IPUC—Idaho Public Utilities Commission

IRP—Integrated Resource Plan

IRPAC—IRP Advisory Council

ISEA—Idaho Strategic Energy Alliance

IWRB—Idaho Water Resource Board

kV—Kilovolt

kW—Kilowatt

kWh—Kilowatt-Hour

LCOC—Levelized Cost of Capacity

LCOE—Levelized Cost of Energy

Li-ion—Lithium Ion

LiDAR—Light Detection and Ranging

LOLE—Loss of Load Expectation

LOLH—Loss of Load Hour

LOLP—Loss of Load Probability

LTCE—Long-Term Capacity Expansion

m<sup>2</sup>—Square Meters

MMBtu—Million British Thermal Units

MSA—Metropolitan Statistical Area

MW—Megawatt

MWh—Megawatt-Hour

NEPA—*National Environmental Policy Act of 1969*

NERC—North American Electric Reliability Corporation

NO<sub>x</sub>—Nitrogen Oxide

NPV—Net Present Value

NRC—Nuclear Regulatory Commission

NREL—National Renewable Energy Laboratory

NWPCC—Northwest Power and Conservation Council

NYMEX—New York Mercantile Exchange

O&M—Operation and Maintenance

OATT—Open-Access Transmission Tariff

ODOE—Oregon Department of Energy

OPUC—Oregon Public Utility Commission

pASC—Preliminary Application for Site Certificate

PAC—PacifiCorp

PCA—Power Cost Adjustment

PGE—Portland General Electric

PM&E—Protection, Mitigation, and Enhancement

PPA—Power Purchase Agreement

PRM—Planning Reserve Margin

PTC—Production Tax Credit

PURPA—*Public Utility Regulatory Policies Act of 1978*

PV—Photovoltaic

QF—Qualifying Facility

RCP—Representative Concentration Pathway

REC—Renewable Energy Certificate

RFP—Request for Proposal

RICE—Reciprocating Internal Combustion Engine

RMJOC—River Management Joint Operating Committee

ROD—Record of Decision

ROR—Run-of-River

RPS—Renewable Portfolio Standard

RTF—Regional Technical Forum

SB—Senate Bill

SCCT—Simple-Cycle Combustion Turbine

SCR—Selective Catalytic Reduction

SMR—Small Modular Reactor

SO<sub>2</sub>—Sulfur Dioxide

SRBA—Snake River Basin Adjudication

SWIP—South West Intertie Project

T&D—Transmission and Distribution

TADS—Transmission Availability Data System

TRC—Total Resource Cost

UCT—Utility Cost Test

USBR—United States Bureau of Reclamation

USFS—United States Forest Service

VER—Variable Energy Resources

WECC—Western Electricity Coordinating Council

WRAP—Western Resource Adequacy Program