



UTAH OFFICE OF
ENERGY DEVELOPMENT

ENERGY ACRONYMS GLOSSARY



Energy sources and the energy industry utilize numerous acronyms. Below is a comprehensive overview of some key energy-related acronyms

Acronym	Meaning
AC	Alternating Current
ASHP	Air Source Heat Pump
BEV	Battery Electric Vehicle
BESS	Battery Energy Storage System
CAPEX	Capital Expenditure
CCGT	Combined Cycle Gas Turbine
CCR	Coal Combustion Residuals
CCUS	Carbon Capture, Utilization, and Sequestration
CSP	Concentrated Solar Power
DC	Direct Current
DERMS	Distributed Energy Resource Management Systems
DOE	Department of Energy
E85	Fuel containing 85% ethanol and 15% gasoline
E95	Fuel containing 95% ethanol and 5% gasoline
EE	Energy Efficiency
EERS	Energy Efficiency Resource Standards
EGS	Enhanced Geothermal System
EHV	Extra High Voltage
EIA	Energy Information Administration

Acronym	Meaning
EPRI	Electric Power Resource Standards
ETBE	Ethyl Tertiary Butyl Ether
EV	Electric Vehicle
EVSE	Electric Vehicle Supply Equipment
FERC	Federal Energy Regulatory Commission
FORGE	Frontier Observatory for Research in Geothermal Energy
GW	Gigawatt
GWh	Gigawatt hour
HERS	Home Energy Rating Standard
HTGR	High Temperature Gas Cooled Reactor
HVAC	Heating, Ventilation, and Air Conditioning
HVDC	High Voltage Direct Current
IBR	Inverter-Based Resource
ICE	Internal Comustion Engine
IEA	International Energy Agency
IGCC	Integrated Gasification Combined Cycle
IRENA	International Renewable Energy Agency
kW	Kilowatt
kWh	Kilowatt hour
LCOE	Levelized Cost of Energy
MSR	Molten Salt Reactor

Acronym	Meaning
MW	Megawatt
MWh	Megawatt hour
OPEX	Operating Expense
PC	Pulverized Coal
PPA	Power Purchase Agreement
PSH	Pumped Storage Hydropower
PUC	Public Utility Commission
PV	Photovoltaic
SMR	Small Modular Reactor
T&D	Transmission and Distribution
TOU	Time of Use
TWh	Terawatt Hour
V2G	Vehicle to Grid
VPP	Virtual Power Plant
DBA	Davis-Bacon Act
BABA	By America Build America