

General Energy Acronyms

- AAQS—Ambient Air Quality Standards (environment) (US)
- AAU—Assigned amount units (measurement)
- ABT—Availability based tariff (electricity)
- ABF—Aquatic Base Flow (Hydropower) (electricity)
- AC—Alternating current
- ACA—Annual Charge Adjustment (electricity)
- ACE—Area Control Error (electricity)
- ACEEE—American Council for an Energy-Efficient Economy
- ACRS—Accelerated Cost Recovery System (finance)
- ADITC—Accumulated Deferred Investment Tax Credit (policy)
- ADR—Asset Depreciation Range (finance)
- AEP—American Electric Power (electricity)
- AESO—Alberta Electric System Operator
- AFE—Authority for Expenditure or Authorization for Expenditure
- AFUDC—allowance for funds used during construction
- AFV—Alternative fuel vehicle
- AGA—American Gas Association
- AGC—Automatic generation control
- AGD—Associated Gas Distributors (US)
- AIEE—American Institute of Electrical Engineers
- AIMA—Agricultural Impact Mitigation Agreement (US)
- ALJ—Administrative law judge
- AMBO—Armenia, Macedonia, Bulgaria Oil pipeline
- AMI—Advanced metering infrastructure
- AMR—Automated meter reading also known as Automatic Meter Reading
- AMRA—Automatic Meter Reading Association
- ANGTA—Alaskan Natural Gas Transportation Act of 1977 to build the Alaska gas pipeline
- ANGTS—Alaskan Natural Gas Transportation System
- ANSI—American National Standards Institute
- AOS—Authorized Overrun Service
- APA—Administrative Procedure Act
 - —Alaska Power Administration
- APE—Area of potential effect (electricity)
- API—American Petroleum Institute (oil)
- APPA—American Public Power Association (electricity)
- APR—Actual peak reduction (e.g. in demand response systems) (electricity)
- AQCR—Air Quality Control Region (US) (environment)
- ARA—(in shipping) ports of Amsterdam – Rotterdam – Antwerp (oil)
- ARR—Auction Revenue Rights (electricity)
- ASCC—Alaskan System Coordination Council
- ASE—Alliance to Save Energy
- ASTM—American Society for Testing and Materials
- ATC—Available transfer capability
- AVR—Automatic Voltage Regulator (electricity)
- BA—Balancing Authority
- BA—Biological Assessment
- BACT—Best Available Control Technology
- BBL/D—Barrel per day
- BBL/SD—Barrel per day, on stream days
- BBL—barrel (42 gallons)
 - —Balgzand Bacton Line (BBL Pipeline)
- BCD—Barrel per day, on calendar days
- BCF—billion cubic feet
- BCP—Blackstart Capability Plan
- BES—Bulk electric system (Electricity transmission)
- BfP—Bureau Fédéral du Plan (Belgium). (Has responsibilities over economic, social and environmental policy)
- bhp—Brake horsepower
- BIA—Bureau of Indian Affairs (US)
- BIPV—Building Integrated Photo Voltaic
- bl—Barrel
- BLM—Bureau of Land Management of United States Department of the Interior
- BLS—Bureau of Labor Statistics of United States Department of Labor
- BOE—Barrel of oil equivalent (international)
- BPA—Bonneville Power Administration (US)
- BPL—Broadband over power line
- BPS—Bulk Power System (Electricity transmission)
- BTMG—Behind The Meter Generation
- BTU—British thermal unit(s)
- BTX—from BTX process, a mixture of benzene, toluene, and xylene (oil)
- BuRec—United States Bureau of Reclamation (government)
- BWR—Boiling water reactor (nuclear)
- C&I—Commercial and industrial customers (Electricity transmission)

General Energy Acronyms

- CA—Carbon Abatement- increasing [carbon-
neutrality](#)
 - —Control area (EU) – The portion of the generation and transmission system controlled by a single transmission system operator. (See also [TSO](#)).
- CAA—[Clean Air Act](#) (US)
- CAEM—Center for the Advancement of Energy Markets (US)
- CAES—[Compressed Air Energy Storage](#)
- CAFE—[Corporate Average Fuel Economy](#) standards (US)
- CAISO—California Independent System Operator Corporation, a [regional transmission organization](#). (US)
- CAP—Capacity market programs
 - —[Climate Action Plan](#)
- CAPM—[Capital asset pricing model](#)
- CARB—[California Air Resources Board](#)
- CBL—Customer Baseline Load^[1]
- CBM—Capacity Benefit Margin
- CBOB—Conventional Gasoline Blendstock for [Oxygenate](#) Blending (Motor Gasoline Blending Component)
- CC—[Combined cycle](#) see also [CCPP](#) and [CCGT](#)
- CCGT—[Combined cycle gas turbine electricity generator](#)
- CCLIP—Conditional Credit Line for Investment Projects
- CCN—Certificate of Convenience and Necessity (utilities regulation)
- CCPG—Colorado Coordinated Planning Group
- CCPP—[Combined cycle power plant](#)
- CD—Contract Demand
- CDD—[Cooling degree day](#), a qualitative index used to reflect the demand for energy to cool a business
- CDM—[Clean Development Mechanism](#)
- CEA—Country Environmental Analysis
- CEC—[California Energy Commission](#)
 - —[Commission for Environmental Cooperation](#)
 - —[Council of the European Communities](#)
- CEEC—[Central and Eastern European](#) Countries
- CEMS—[Continuous emissions monitoring system](#)
- CEP—Country Environmental Profile
 - —[Clean Energy Partnership](#), a joint hydrogen-project in Europe.
- CEPS—[Centre for European Policy Studies](#)
- CEPII—[Centre d'Etudes Prospectives et d'Informations Internationales](#) Economics think tank
- CEQ—[Council on Environmental Quality](#)
- CER—[Certified Emission Reduction](#)
- CERA—[Cambridge Energy Research Associates](#)
- CERCLA—[Comprehensive Environmental Response, Compensation, and Liability Act "Superfund"](#) (US)
- CERCLIS—[Comprehensive Environmental Response, Compensation, and Liability Information System](#) (US)
- CERTS—Consortium for Electric Reliability Technology Solutions sponsored by the [United States Department of Energy](#) and [California Energy Commission](#) (US)
- CfD—[Contract for difference](#)
- CFS—[cubic feet per second](#)
- CFTC—[Commodity Futures Trading Commission](#)
- CH₄—[Methane](#)
- CHP—[Combined heat and power](#)
- CIAC—[Contributions in Aid of Construction](#)
- CIP—[Critical Infrastructure Protection](#) (US)
 - —see also [EPCIP European Programme for Critical Infrastructure Protection](#)
- CMVE—Competitive Market Value Estimate
- CNG—[Compressed natural gas](#)
- CO—[Carbon monoxide](#)
- CO₂—[Carbon dioxide](#)
- COC—[Cost of capital](#)
- COE—[U.S. Army Corps of Engineers](#)
- CP—Coincident Peak
 - —Certificate Proceeding
- CPA—[California Power Authority](#)
- CPI—[Consumer Price Index](#)
- CPP—[Critical Peak Pricing](#)
- CPP-F—Critical peak fixed
- CPP-V—Critical peak variable
- CPS—[Control Performance Standard](#)
 - —[Cycles per second](#) (hertz)
- CPUC—[California Public Utilities Commission](#)
- CREF—[Caribbean Renewable Energy Facility](#)
- CRP—[Conservation Reserve Program](#) (US)
- CRT—Capacity Reservation Tariff
- CSD—[Commission for Sustainable Development](#) (UN)
- CSEM—Center for the Study of Energy Markets (US)

General Energy Acronyms

- CSP—Country Strategy Paper
 - —Curtailed service provider
- CT—Combustion turbine (electricity)
- CZMA—Coastal Zone Management Act

- DADRP—Day Ahead Demand Response Program
- DADS—Demand response Availability Data System
- DANIDA—Danish International Development Agency
- DA-RTP—RTP Day ahead real time pricing (regarding Electricity metering)
- DC—Direct current
- DCLM—Direct control load management
- DCS—Disturbance Control Standard
- DEFG—Distributed Energy Financial Group (US)
- DEIS—Draft Environmental Impact Statement (US)
- DER—Distributed Energy Resources
- DERMS—Distributed Energy Resource Management Systems
- DF—Distribution Factor
- DG—Distributed generation (electricity)
 - —Directorate-General (EU) (government)
- DIIS—Danish Institute for International Studies (organization)
- DLC—Direct load control (regarding Load management)
- DME—Disturbance Monitoring Equipment
- DO—Dissolved oxygen
- DoD—Depth of discharge, energy drawn from a battery
- DOE—United States Department of Energy (government)
- DOE/FE—United States Department of Energy Office of Fossil Energy (government)
- DOI—United States Department of the Interior (government)
- DOT—United States Department of Transportation (government)
- DP—Distribution point
- DR—Demand response
- DRAM—Demand Response and Advanced Metering Coalition
- DRB—Demonstrated reserve base
- DRCC—Demand Response Coordinating Council (coalition)
- DRR—Demand Response resources
- DRRC—Demand Response Research Center (California)

- DSM—Demand side management
- DSO—Distribution system operator (regarding electricity distribution)
- Dth—Dekatherm (defined as 1 million British thermal units, also written "MMBtu") (measurement)
- DTW—dealer tank wagon (as in, "oil companies setting regional dealer tank wagon pricing") (Oil)

- E&D—Exploration and development expenses
- E85—E85 fuel: A fuel containing a mixture of 85 percent ethanol and 15 percent gasoline
- E95—like E85 fuel but with less gasoline. A fuel containing a mixture of 95 percent ethanol and 5 percent gasoline
- EA—Environmental assessment as in an Environmental impact assessment
- EAR—Estimated additional resources, as in considering reserves of uranium deposits
- EC—European Commission
- ECAR—East Central Area Reliability Coordination Agreement (US)
- EPCIP—European Programme for Critical Infrastructure Protection
- ECPA—Electric Consumers Protection Act (US)
- EDC—Electric Distribution Company (electricity)
- EdF—Electricité de France
- EDRP—Emergency demand response program
- EE—Energy efficiency
- EEI—Edison Electric Institute
 - —Energy Efficiency Index for European Union energy labels
- EERS—Energy Efficiency Resource Standards
- EF—Earth Fault
- EHV—Extra high voltage
- EIA—Energy Information Administration (US)
 - —Environmental impact assessment (international)
- EIB—European Investment Bank
- EIM—Energy Imbalance Market (electricity)
- EIPP—Eastern Interconnection Phasor Project
- EIS—Environmental Impact Statement (US)
- ELCON—Electricity Consumers Resources Council
- EMF—Electro magnetic field
- EMP—Environmental Management Plan
- EOR—Enhanced oil recovery

General Energy Acronyms

- EPA—United States Environmental Protection Agency
- EPAct—Energy Policy Act of 1992 (US)
 - —Energy Policy Act of 2005 (US)
- EPRI—Electric Power Research Institute (US)
- EPSA—Electric Power Supply Association
- EQR—Electric Quarterly Report
- ERA—Economic Regulatory Administration (part of United States Department of Energy)
- ERCOT—Electric Reliability Council of Texas, Inc, a regional transmission organization. (US)
- ERGEG—European Regulators Group for Electricity and Gas
- ERIS—Energy Resource Interconnection Service (electricity)
- ERO—Electric Reliability Organization. The US designated NERC as its ERO.
- ERoEI—Energy returned on energy invested
- ERRA—Energy Regulators Regional Association
- ESCO—Energy service company
- ESI—Environmental Sustainability Index
- ESMAP—Energy Sector Management Assistance Programme
- ESP—Electrostatic precipitator
- ESS—Energy Storage System, as in grid energy storage (electricity)
- ETBE—ethyl tertiary butyl ether
- ETSO—European Transmission System Operators association
- EU—European Union
- EUEF—European Union Energy Facility
- EUEI—European Union Energy Initiative

- FAC—Fuel Adjustment Clause
- FACTS—Flexible Alternating Current Transmission System
- FASB—Financial Accounting Standards Board
- FBR—fast breeder reactor
- FCITC—First Contingency Incremental Transfer Capability
- FEIS—Final Environmental impact statement (US)
- FELCC—Firm Energy Load Carrying Capability
- FERC—Federal Energy Regulatory Commission (U.S.)
- FGD—Flue-gas desulfurization
- FINESSE—Financing Energy Services for Small Scale Users
- Fishway—Fish ladder

- FLPMA—Federal Land Policy and Management Act (US)
- FME—Free market economics
- FONSI—Finding of no significant impact. See Environmental impact statement (US)
- FPA—Federal Power Act (US)
- FPC—Federal Power Commission (US)
- FPS—Firm peaking service. See Peaking power plant
- FRCC—Florida Reliability Coordinating Council (US)
- FRS—Financial Reporting System
- FT—Firm Transportation Service
- FTC—Federal Trade Commission (US)
- FTR—Firm Transmission Rights
 - —Financial Transmission Rights. See explanation in electricity markets.
- FTS—Firm transportation service
- FUA—The Fuel Use Act (US)
- FUCO—Foreign Utility Company
- FWPA—Federal Water Power Act (US)

- G&T—Generation and transmission utility cooperative (electricity)
- GADS—Generating Availability Data System (electricity)
- GAL—gallon (measurement)
- GAO—Government Accountability Office (General Accounting Office) (US) (government)
- GATT—General Agreement on Tariffs and Trade (government)
- GDP—gross domestic product (economics)
- GEF—Global Environmental Facility (environment)
- Genco—Any company doing electricity generation (US) (electricity)
- GFN—Global Footprint Network
- GFSE—Global Forum on Sustainable Energy (organization)
- GIC—Gross Inland (energy) Consumption (EU) (energy)
- GHG—Greenhouse gas (climate)
- GIA—Generator Interconnection Agreement (electricity)
- GIC—Gas Inventory Charge (natural gas)
- GISB—Gas Industry Standards Board (now NAESB) (US) (natural gas)
- GLDF—Generator to Load Distribution Factor. See Load balancing (electricity)
- Gm³—Billion cubic metres (measurement – gas)

General Energy Acronyms

- GMO—Genetically modified organism
- GMP—Green Mountain Power (US) (electricity)
- GNP—gross national product (economics)
- GNSD—Global Network for Sustainable Energy Development
- GRI—Gas Research Institute (US) (natural gas)
- GRC—General rate case (US) (regulatory)
- GridCo—Any company running a transmission grid (electricity). Also known as a TransCo (US) (electricity)
- GSF—Generator to Load Distribution Factor. See Load balancing (electricity)
- GPE—gravitational potential energy
- GSR—Gas Supply Realignment (natural gas)
- Gt—Gigaton (1 billion tons) (measurement)
- GTCC—Gas Turbine Combined Cycle (electricity)
- GTI—Gas Technology Institute (US)
- Gtoe—One billion tons of oil equivalent(EU) (measurement- oil)
- GVEP—Global Village Energy Partnership (organization)
- GVW—gross vehicle weight (transportation)
- GW—Gigawatt (one billion watts) (measurement- elect)
- GWE—Gigawatt of electric energy (measurement- elect)
- GWh—Gigawatt hour (one billion watt hours) (measurement- elect)
- GWP—global warming potential (climate)

- HCA—Host Control Area (electricity)
- HDD—Heating degree days a qualitative index used to reflect the demand for energy to heat a business (conservation)
- HERS—Home energy rating standard (conservation)
- HHI—Herfindahl–Hirschman Index (markets)
- HID—high intensity discharge (electricity)
- hp—Horsepower (measurement)
- HRSG—Heat recovery steam generation
- HTGR—high temperature gas cooled reactor (nuclear)
- HVAC—Heating, ventilation, and air conditioning (conservation)
 - —High voltage alternating current (electricity)
- HVAR—Highly Valued Aquatic Resource
- HVDC—High Voltage Direct Current

- I/C—Interruptible /Curtable (electricity)
- ICAP—Installed Capacity (electricity)
- ICAP-SCR—Installed capacity special case resources (electricity)
- ICCP—Inter-Control Center Communications Protocol (electricity)
- ICE—Internal combustion engine (transportation)
- ICT—Independent Coordinator of Transmission (US) (electricity)
 - —Information and Communication Technology
- IDC—Interchange Distribution Calculator (electricity)
- IEA—International Energy Agency (Paris)
- IEM—Internal electricity market (electricity)
- IEEE—Institute of Electrical and Electronics Engineers
- IEPE—Institute of Energy Policy and Economics (France)
- IER—Incremental Energy Rate
- IET—International emission trading (policy)
- IGCC—Integrated coal gasification combined cycle
- IGIC—Interim gas inventory charge (natural gas)
- IGSC—Interim gas supply charge (natural gas)
- IGT—Institute of Gas Technology (natural gas)
- IGU—International Gas Union (natural gas)
- IHR—Incremental Heat Rate- plant monitoring (electricity)
- IIASA—International Institute for Applied System Analysis
- IJC—International Joint Commission
- ILP—Integrated Licensing Process
- INGAA—Interstate Natural Gas Association of America
- IOS—Interconnected Operations Services (electricity)
- IOU—Investor owned utility (electricity)
- IPAA—Independent Petroleum Association of America (oil)
- IPCC—Intergovernmental Panel on Climate Change (climate)
- IPP—Independent Power Producer (electricity)
- IPS/UPS—Integrated Power System/United Power System, consisting of Independent Power Systems of 12 countries bordering Russia and the Unified Power System of Russia
- IRC—ISO / RTO Council (electricity)

General Energy Acronyms

- IROL—**Interconnection Reliability Operating Limit** (electricity)
- IRP—**Integrated Resource Planning**
- IRR—**Internal Rate of Return** (finance)
- ISO—**Independent System Operator** (US) (see also **TSO**) Responsible for grid management, but does not own assets. (electricity)
- ISO-NE—**Independent System Operator of New England**, a regional transmission organization. (US) (electricity)
- ISO—**NE ISO New England, Inc.** (electricity)
- ISS—**Interruptible Sales Service**
- IT—**Interruptible Transportation** is gas shipment via pipeline whose delivery may be interrupted in favor of "firm shipment" contracts if there is lack of capacity. (natural gas)
- ITC—**Investment tax credit** (policy)
- ITS—"Interruptible Transportation Service" is gas shipment via pipeline whose delivery may be interrupted in favor of "firm shipment" contracts if there is lack of capacity. (natural gas)

- JRC—**Joint Research Centre**
- JREC—**Johannesburg Renewable Energy Coalition**

- koe—One **kilogram oil equivalent** (EU) (measurement)
- kV—**Kilovolt** (one thousand volts) (measurement)
- kVA—**One thousand volt Ampere** (measurement)
- kvar—one thousand **vars** (measurement)
- kW—**Kilowatt** (one thousand watts) (measurement)
- kWE—**kilowatt electric** (measurement)
- kWh—**Kilowatt hour** (one thousand watt hours) (measurement)

- LaaR—**Load acting as a resource (ERCOT category)** (electricity)
- LBA—**Local Balancing Authority** (electricity)
- LBNL—**Lawrence Berkeley National Laboratory** (US)
- LCOD—**Levelized cost of delivery** (electricity)
- LCOE—**Levelized cost of energy** (electricity)
- LCOS—**Levelized cost of storage** (electricity)
- LDC—**Local distribution company** (electricity)
- LED—**Light Emitting Diode**
- LEVP—**Low Emissions Vehicle Program**
- LHV—**lower heating value**

- Li-Ion—**Lithium Ion** (electricity storage)
- LIHEAP—**Low Income Home Energy Assistance Program**
- LIPA—**Long Island Power Authority** (US) (electricity)
- LLF—**Load-loss factor** (electricity)
- LMP—**Locational marginal price/pricing**. See explanation in **electricity markets**.
- LMR—**Load Modifying Resource** (electricity)
- LNG—**Liquefied Natural Gas**
- LODF—**Line Outage Distribution Factor** (electricity)
- LOLE—**Loss of load expectation** (electricity)
- LOLP—**Loss of load probability** (electricity)
- LPG—**liquefied petroleum gas**
- LPN—**Lender Participation Notes**
- LRG—**liquefied refinery gases**
- LSE—**Load serving entity**
- LSF—**Load Shift Factor**
- Iso—**Low sulfur fuel oil**
- LWR—**light water reactor**

- MAAC—**Mid Atlantic Area Council (US-geographically within PJM)**
- MADRI—**Mid Atlantic Distributed Resources Initiative** (US)
- MAIN—**Mid America Interconnected Network** (US)
- MAOP—**Maximum allowable operating pressure**
- MAPP—**Mid Continent Area Power Pool** (US)
- MBD—**million barrels per day**
- MBOE—**One million barrels of oil equivalent**(EU)
- MBR—**Market based Rates**
- MBS—**Macro economic Budget Support**
- Mcf—**Roman numeral "M"** for one thousand **cubic feet** (measurement of natural gas)
- MDAS—**Meter Data Acquisition System**
- MDD—**Maximum Daily Delivery Obligations**
- MDDQ—**Maximum Daily Delivery Quantity**
- MDM—**Meter Data Management**
- MDQ—**Maximum Daily Quantities**
- MECS—**Manufacturing Energy Consumption Survey**
- MEDREG—**Mediterranean Energy Regulators**
- MEDREP—**Mediterranean Renewables Energy Partnership**
- MER—**Maximum efficient rate**

General Energy Acronyms

- MERC—Mobile Emission Reduction Credit (MERC) (US)
- MFV—Modified fixed variable rate
- MISO—Midcontinent Independent System Operator, Inc. A regional transmission organization. (US)
- MLP—Maximum lawful price
- MLRA—Major Land Resource Areas
- MM—Used to denote million in gas usage
- MMBbl/d—one million barrels of oil per day
- MMBtu—1 million British thermal units, same as dekatherm
- MMC—Market Monitoring Center
- MMCF—one million cubic feet (measurement of natural gas)
- MMCFD—one million cubic feet per day
- MMGAL—one million gallons
- MMGAL/D—one million gallons per day
- MMS—Minerals Management Service (US)
- MMST—one million short tons
- MODFLOW—model of groundwater flow
- MOU—Memorandum of Understanding
- MOX—mixed oxide fuel (nuclear)
- MPAN - Meter Point Administration Number
- MPG—Miles per gallon
- MRO—Midwest Reliability Organization (US)
- MSA—metropolitan statistical area
- MSHA—Mine Safety and Health Administration (US)
- msl—Mean sea level
- MSW—Municipal solid waste
- Mt—one million tons (ambiguous as to whether short tons or metric tons)
 - —one Metric ton
- MTBE—methyl tertiary butyl ether
- MTEF—Medium Term Expenditure Framework
- MTEP—Midwest ISO Transmission Expansion Plan 2005 (US)
- Mtoe—One million tons of oil equivalent(EU)
- Muni—Municipality
- MVA—Megavolt amperes (one million volt amperes)
- MW—Megawatt (one million watts)
- MWE—megawatt electric
- MWh—Megawatt hour (one million watt hours)

- NAAQS—National Ambient Air Quality Standards (US)
- NAESB—North American Energy Standards Board (formerly GISB)

- NAFTA—North American Free Trade Agreement
- NAICS—North American Industry Classification System
- NAP—National Renewable Energy Action Plan
- NARUC—National Association of Regulatory Utility Commissioners (US) [1]
- NAS—United States National Academy of Sciences
- NASPI—North American Synchrophasor Initiative
- NASUCA—National Association of Utility Consumer Advocates(US)
- NATC—Non Recallable Available Transfer Capability
- NBS—National Bureau of Standards (US)
- NCD—Non coincidental Demand
- NCEP—National Council on Electricity Policy (US) [2]
- NCSL—National Conference of State Legislatures (US)
- NEA—The National Energy Act of 1978 (US)
- NEB—National Energy Board (Canada)
- NEDRI—New England Distributed Resources Initiative (US)
- NEM—Net energy metering (US)
- NEPA—National Environmental Policy Act (US)
- NEPOOL—New England Power Pool
- NERC—North American Electric Reliability Council
- NGA—Natural Gas Act (US)
- NGAA—Natural Gasoline Association of America (US)
- NGL—natural gas liquids
- NGPA—Natural Gas Policy Act of 1978 (US)
- NGPL—Natural gas plant liquids
- NGPSA—Natural Gas Pipeline Safety Act of 1968 (US)
- NGSA—Natural Gas Supply Association (US)
- NGV—Natural gas vehicle
- NHPA—National Historic Preservation Act (US)
- NIETC—National Interest Electric Transmission Corridor (US)
- NITC—Normal Incremental Transfer Capability
- NIMBY—Not in my backyard regarding siting of energy generation and transmission infrastructure.
- NOAA—National Oceanic and Atmospheric Administration (US)
- NOC—National Oil Company

General Energy Acronyms

- NOI—**Notice of Intent or Notice of Inquiry or Notice of Investigation**
- NOPR—**Notice of Proposed Rulemaking** (US)
- NORDEL—association of Nordic electric system operators, comprising Denmark, Finland, Norway, Sweden
- NOx—**nitrogen oxides**
- NPCC—**Northeast Power Coordinating Council** (US)
- NPV—**Net Present Value**
- NRC—**Nuclear Regulatory Commission** (US)
- NRCS—**National Resource Conservation Service** (US)
- NRECA—**National Association of Rural Electric Cooperatives** (US)
- NREL—**National Renewable Energy Laboratory** (US)
- NREPA—**National Resource and Environmental Protection Act** (US)
- NRI—**National Rivers Inventory** (US)
- NRIS—**Network Resource Interconnection Service** (electricity)
- NSA—**Noise sensitive area**
- NTAC—**Northwest Transmission Assessment Committee** (US)
- NUG—**Non Utility Generator**
- NURE—**national uranium resource evaluation** (US)
- NYDER—**New York Department of Environmental Resources**
- NYISO—**New York Independent System Operator, Inc.** (US)
- NYMEX—**New York Mercantile Exchange**
- NYSPSC—**New York Public Service Commission**
- NYSERDA—**New York State Energy Research and Development Authority**
- O&M—**Operation and Maintenance Expenses**
- O₃—**Ozone**
- OASIS—**Open Access Same-Time Information System**
- OATI—**Open Access Technology International** (US energy software company)
- OATT—**Open Access Transmission Tariff** (US)
- OCS—**Outer Continental Shelf** (oil and wind resources)
- OCSLA—**Outer Continental Shelf Lands Act** (oil)
- OECD—**Organisation for Economic Co-operation and Development**
- OEM—**original equipment manufacturers**
- OFO—**Operational Flow Order**
- OMP—**Operation and Maintenance Plan**
- Ontario—**IESO Ontario Independent Electricity System Operator** (Canada)
- OPEC—**Organization of Petroleum-Exporting Countries** (oil)
- OPRG—**oxygenated fuels program reformulated gasoline** (oil)
- OREC—**ocean resource energy credits**
- ORNL—**Oak Ridge National Laboratory (U.S.)** (nuclear)
- OSHA—**U.S. Department of Labor Occupational Safety and Health Administration**
- OTAG—**Ozone Transport Assessment Group**
- OTDF—**Outage Transfer Distribution Factor**
- OTEC—**ocean thermal energy conversion** (electricity)
- PA—**Planning Authority**
 - —**Programmatic Agreement**
- PADD—**Petroleum Administration for Defense Districts** (US)
- PBR
 - —**pebble bed reactor** (nuclear)
 - —**performance based rates** (electricity)
 - —**Performance-based regulation**
- PCB—**polychlorinated biphenyl**
- PCM—**Project Cycle Management**
- PCS—**Power conversion system**, electric power conversion
- PCT—**Programmable Communicating Thermostat** (electricity)
- PD—**Preliminary Determination**
- PDC—**Phasor data concentrator**. See description in **phasor measurement unit** article. (electricity)
- PDCI—**Pacific Direct Current Intertie** (US) (electricity)
- PERC—**Passivated Emitter Rear Contact** (type of PV cell)
- PEM—**Proton Exchange Membrane**
- PFC—**perfluorocarbons**
- PG&E—**Pacific Gas & Electric** (US) (electricity)
- PGA—**Purchased gas adjustment**
- PHA—**Production Handling Agreement**
- PHFFU—**Plant held for future use**
- PIDX—**Petroleum Industry Data Exchange** (oil)
- PIER—**Public Interest Energy Research** (CEC)
- PIFUA—**Powerplant and Industrial Fuel Use Act of 1978**

General Energy Acronyms

- PJM—PJM Interconnection, LLC, a regional transmission organization. (US) (electricity)
- PLC—Power line communication (electricity)
- PLMA—Peak Load Management Association (US) (electricity)
- PM—Particulate matter
- PM&E—Protection, mitigation and enhancement
- PMA—Power Marketing Administration or Fed. Power Marketing Agency (US) (electricity)
- PMU—Phasor measurement unit (electricity)
- PNNL—Pacific Northwest National Laboratory (DOE) (US)
- POD—Point of Delivery
- PoE—Power over Ethernet
- POLES—Prospective On Long Term Energy Systems
- POLR—Provider of last resort (electricity)
- PPA—Power Purchase Agreement (electricity)
- PPI—producer price index
- ppmv—Parts Per Million by Volume
- ppp—Purchasing power parity
- PPR—Potential peak reduction
- PREP—Pacific Regional Energy Programme
- PRESSEA—Promotion of Renewable Energy Sources in South East Asia (PRESSEA)
- Prim—Primary (electricity) nuclear, hydro, geothermal, wind, solar
- PSC—Public Service Commission
- PSD—Prevention of Significant Deterioration
- PSE—Puget Sound Energy (US) (electricity)
- PSoC—Partial State of Charge, operational mode of grid supporting batteries able to respond to both demand and excess production, see [UltraBattery](#)
- PTDF—Power Transfer Distribution Factor (electricity)
- PTP—Point to Point Transmission Service (electricity)
- PUC—Public Utility Commission (electricity)
- PUD—Public Utility District (electricity)
- PUHCA—Public Utility Holding Company Act of 1935 (US) (electricity)
- PURPA—Public Utility Regulatory Policies Act of 1978 (US) (electricity)
- PV—photovoltaic (solar)
- PVC—photovoltaic cell (solar)
- PVC—polyvinyl chloride
- PWR—pressurized water reactor (nuclear)
- PX—Power exchange
- QF—qualifying facility
- QSE—Qualifying scheduling entity
- QUAD—10¹⁵ Btu (a quadrillion in the short scale)
- R/P—Reserve on Production
 - —Reserves to Production
- RAB—Regional Advisory Body (US)
- RAC—Refiners' acquisition cost
- RAP—Regulatory Assistance Project
- RAR—Reasonable assured resources
- RAS—Remedial Action Scheme
- RATC—Recallable Available Transmission Capability
- RBMK—Russian: Реактор Большой Мощности Канальный = "High Power Channel Type Reactor" (RU)
- RBOB—reformulated gasoline blendstock for oxygenate blending
- RC—Reliability Coordinator
- RCIS—Reliability Coordinator Information System
- RCRA—Resource Conservation and Recovery Act (US)
- RDF—refuse derived fuel (electricity)
- REA—Rural Electrification Administration (US)
- REC—Renewable energy credit (US)
- RECS—Residential Energy Consumption Survey (US)
- REEEP—Renewable Energy and Energy Efficiency Partnership
- RER—Renewable Energy Rider
- RES—Renewable energy source
- RET/EE—IAF Renewable Energy Technology & Energy Efficiency Investment Advisory Facility
- RF—Radio frequency
- RFA—Regulatory Flexibility Act (US)
- RFC—ReliabilityFirst Corporation (US) (electricity)
- RFG—reformulated gasoline (oil)
- RFI—Request for Interchange
- RFP—Request for proposals
- RGGI—Regional Greenhouse Gas Initiative
- RGS—Renewable Generating System
- RM—Rulemaking
- RMATS—Rocky Mountain Area Transmission Study (US) (electricity)
- RMR—Reliability Must Run (electricity)
- RMU—Removal Units
- ROA—Return of Assets (finance)

General Energy Acronyms

- ROE—Return of Equity (finance)
- ROFR—Right of First Refusal (finance)
- ROI—Return on Investment
- ROW—Right of Way
- RPM—Reliability Pricing Model. See explanation in [electricity market#Electricity market experience](#). (electricity)
- RPS—Renewable Portfolio Standards (US)
- RRO—Regional reliability organization (US)
- RSE—Revenue Stream Estimate (finance)
- RSE—relative standard error
- RTBM—Real-Time Balancing Market (electricity)
- RTEP—Regional transmission expansion plan
- RTG—Regional Transmission Group (US)
- RTO—Regional transmission organization (US)
- RTP—Real time Pricing
- RTU—Remote Terminal Unit
- RUS—Rural Utilities Service
- RVP—Reid vapor pressure

- SCADA—Supervisory control and data acquisition a remote control and telemetry system used to monitor and control the electrical system
- SCE—Southern California Edison (US)
- SCE&G—South Carolina Electric & Gas (US)
- scf—Standard cubic foot
- SCO—Stranded Cost Obligation (finance)
- SCR—Special Case Resources (US- NYISO category)
- SCR—Selective Catalytic Reduction
- SDG&E—San Diego Gas & Electric (US)
- SEA—Strategic Environmental Assessment
- SEC—Securities and Exchange Commission (US)
- SEER—seasonal energy efficiency ratio
- SEFI—Sustainable Energy Finance Initiative
- SEIA—Sustainable Energy Industry Association
- Seams—Interconnections Seam Study
- SEPA—Smart Energy Power Alliance
- SERC—Southeastern Electric Reliability Council (US)
- SF₆—sulfur hexafluoride
- SFC—Solid oxide fuel cell (transportation)
- SFEIS—Supplemental Final Environmental Impact Statement (US)
- SFV—Straight Fixed Variable
- SGR—State game refuge (US)

- SHPO—State Historic Preservation Office (US)
- SI—International System of Units (Système international d'unités)
- SIC—Standard Industrial Classification
- SMES—Superconducting magnetic energy storage
- SMPs—Special Marketing Programs
- SNG—Synthetic Natural Gas or Substitute Natural Gas
- SO₂—Sulfur dioxide
- SoC—State of charge of rechargeable battery
- SoH—State of health of rechargeable battery
- SOL—System Operating Limit
- SPCC—Spill Prevention, Containment and Countermeasure Plan
 - SPM—Synchronized phasor measurement- a WAMS network with synchrophasor sensors (PMUs). (electricity)
- SPP—Southwest Power Pool Inc., a regional transmission organization (US)
 - —Statewide Pricing Pilot (US-California)
 - —Small power producer (electricity)
- SPR—Strategic Petroleum Reserve (US)
- SPS—Special Protection System
- SR—Speculative resources For example, regarding uranium deposits. (nuclear)
- SRP—Salt River Agricultural Improvement & Power District (US) (electricity)
- SSG—WI PWG Seams Steering Group of Western Interconnection Planning Work Group (US) (electricity)
- SSM—Synchronized system measurement-a WAMS with synchronous sensors in addition to PMUs. See [Phasor networks](#).
- STEP—Southwest Transmission Expansion Plan group (US) (electricity)
- SVC—Static VAR compensator (electricity)
- SVEC—Shenandoah Valley Electric Cooperative
- SWAT—Southwest Area Transmission (US) (electricity)
- SWU—Separative work unit

- TAME—Tertiary amyl methyl ether
- TAPS—Trans-Alaska Pipeline System (natural gas)
- TBA—tertiary butyl alcohol
- TBL—transmission business line (electricity)
- TBS—town border station
- Tcf—Trillion cubic feet (measurement)

General Energy Acronyms

- TCR—**Transition cost recovery** (mechanism)
- TDU—**Transmission Dependent Utility** (electricity)
- TEFRA—**Tax Equity and Fiscal Responsibility Act of 1985**
- TEN—**Trans-European Networks** (electricity)
- TLR—**Transmission Line Loading Relief Procedures** (electricity)
- TO—**Transmission owner** (electricity)
- toe—**Ton of oil equivalent** (EU)
- TOP—**transmission operator** (electricity)
- TOU—**time of use (rate)** (electricity)
- Transco—**transmission company** (US) (electricity)
 - —**Transcontinental Pipeline** (US) (natural gas)
 - —**National Transmission Corporation** (Philippines)
- TRM—**Transmission reliability margin** (electricity)
- TSO—**Transmission system operator** (electricity)
- TSR—**Transmission service request** (electricity)
- TTC—**Total transfer capability** (electricity)
- TVA—**Tennessee Valley Authority** (US) (electricity)
- TW—**terawatt** (one trillion watts) (measurement)
- TWH—**terawatt-hour** (one trillion watt hours)
- T&D—**Transmission and distribution**

- U.S.C.—**United States Code**
- U₃O₈—**triuranium octaoxide** (nuclear)
- UAE—**United Arab Emirates** (oil)
- UCAP—**Unforced Capacity** (electricity)
- UCTE—**Union for the Coordination of the Transport of Electricity**, the power transmission system of continental Europe
- UF₆—**uranium hexafluoride** (nuclear)
- UFLS—**Under frequency load shedding** (electricity)
- UHVAC—**ultra-high-voltage alternating current** (electricity)
- UHVDC—**ultra-high-voltage direct current** (electricity)
- ULCC—**Ultra Large Crude Carrier** (oil)
- UMTRA—**Uranium Mill Tailings Radiation Control Act of 1978** (US)
- UNCCD—**United Nations Convention to Combat Desertification**
- UNDESA—**UN Department of Economic and Social Affairs**
- UNDP—**United Nations Development Programme**
- UNDP—**United Nations Development Programme**
- UNECE—**United Nations Economic Commission for Europe**
- UNEP—**United Nations Environment Programme**
- UNFCCC—**United Nations Framework Convention on Climate Change**
- UO₂—**uranium dioxide** (nuclear)
- UO₃—**uranium trioxide** (nuclear)
- UO₄—**uranyl peroxide** (nuclear)
- UOX—**uranium oxide** (nuclear)
- URR—**Ultimate Recoverable Resources**
- USBR—**United States Bureau of Reclamation**
- USCE—**United States Army Corps of Engineers**
- US DOE—**United States Department of Energy**
- USGS—**United States Geological Survey**
- UVLS—**under voltage load shedding** (electricity)

- V—**Volt** (measurement)
- VA—**Volt-ampere** (measurement)
- var—**Volt-ampere reactive** (measurement)
- VAWT—**vertical axis wind turbine** (wind)
- VIN—**vehicle identification number** (US) (transportation)
- VLCC—**very large crude carrier** (oil)
- VMT—**vehicle miles traveled** (transportation)
- VOC—**volatile organic compound**
- VPP—**Variable peak pricing** (electricity)
- VSA—**Voltage stability analysis**

- W—**Watt**
- WACOG—**weighted average cost of gas**
- WAMS—**Wide area measurement system**, also **Wide area monitoring system** - see description in **phasor measurement unit** article. (electricity)
- WCMC—**World Conservation Monitoring Centre**
- WCRE—**World Commission on Renewable Energy**
- WEA—**World Energy Assessment**
- WEC—**World Energy Council**

General Energy Acronyms

- WECC—[Western Electricity Coordinating Council](#) (US)
- WEI—[Western Electric Institute](#) (US)
- WEEA—[World Energy Efficiency Organization](#)
- WH—[watthour](#) (measurement)
- WHO—[World Health Organization](#)
- WIRAB—[Western Interconnection Regional Advisory Body](#) (US)
- WRI—[World Resources Institute](#)
- WSCC—[Western Systems Coordinating Council](#) (US)
- WSPP—[Western Systems Power Pool](#) (US)
- WSSD—[World Summit on Sustainable Development](#)
- WTG—[Wind turbine generator](#) (wind)
- WTI—[West Texas Intermediate](#) (US)
- WTP—[Willingness to pay](#)
- WY—[Water Year](#) (measurement)
- LEED—[Leadership in Energy and Environmental Design](#), standard for Green Building design
- MEF—modified energy factor (clothes washers)
- MINHERS—Mortgage Industry National Home Energy Rating Systems Standards
- MVG—minimum ventilation guideline (building tightness)
- MVL—minimum ventilation level (building tightness)
- NAECA—[National Appliance Energy Conservation Act](#)
- ODS—oxygen depletion sensor
- RESNET—Residential energy services network
- R-value—thermal resistance
- SC—shading coefficient (windows)
- SEER—seasonal E efficiency ratio
- SHGC—solar heat gain coefficient
- SIR—savings-to-investment ratio (energy conservation investments)
- SLA—Specific leakage area
- SPB—Simple Payback (energy conservation investments)
- SSE—steady-state efficiency
- U-value—thermal transmittance (also called U-factor)
- WF—water factor (clothes washers)

Residential energy acronyms

The following table lists a number of terms that are used in the United States for residential energy audits.

- AFUE—[annual fuel utilization efficiency](#)
- BTL—building tightness limit (building tightness)
- CDH—cooling degree hours (climate)
- CFL—compact fluorescent light
- COP—[coefficient of performance](#)
- CRI—color rendering index
- EEM—Energy Efficient Mortgage
- EER—energy efficiency ratio
- EF—energy factor (clothes washers)
- EIM—Energy Improvement Mortgage
- ERV—[energy-recovery ventilator](#)
- HDD—heating degree day
- HHI—home heating index
- HID—high-intensity discharge
- HRV—heat-recovery ventilator
- HSPF—heating seasonal performance factor
- HVI—Home Ventilating Institute
- IECC—International Energy Conservation Code
- K-value—thermal conductance
- Low-e—low emissivity