

IPUMSU

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IPU Acronym List (2017)

#		ACS	American Chemical Society
111(d)	Section of the Clean Air Act concerning carbon pollution regulation by EPA	ACSR	Aluminum covered steel reinforced (electricity conductor)
401	Section of the Clean Water Act concerning Water Quality Certification	ADIT	Accumulated deferred income tax(es)
3D-UI	3D underground imaging	ADITC	Accumulated deferred Investment tax credit
A		ADO	Advanced distribution operations
A	Ampere	ADR	Asset depreciation range
A	Area	ADR	Alternative dispute resolution
G&T	Generation and transmission	AEI	Advanced Energy Initiative
A&G	Administrative and general expenses	AEO	Annual Energy Outlook (DOE/EIA)
A*h	Ampere-hour	AES	Atomic emission spectroscopy
A/S	Ancillary services	AFC	Application for certification
AA-Fur	Atomic adsorption furnace	AFE	Authority or authorization for expenditure
AAL	All aluminum (electricity conductor)	AFUDC	Allowance for funds used during construction
AAQS	Ambient Air Quality Standards	AFY	Acre-feet per year
AAS	Atomic absorption spectrophotometry	AGA	American Gas Association
AASHTO	American Association of State Highway and Transportation Officials	AGC	Automatic generation control
A-B Cables	Transcontinental telephone cables installed in 1942	AGD	Associated Gas Distributors
ABF	Aquatic base flow	AGW	Anthropogenic global warming
ABS	Acrilonitrile-butadiene-styrene	AHM	Acutely hazardous materials
ABS	Alkylbenzene sulfonate	AI	Agricultural Inspector
AC	Asbestos cement (non-conductive pipe)	AI	Aggressiveness index
AC	Alternating current	AIC/P	Availability, integrity, confidentiality and privacy
A-C	Asbestos cement	AIChE	American Institute of Chemical Engineers
ACA	Annual charge adjustment	AIEE	American Institute of Electrical Engineers
ACE	Area control error	AIMA	Agricultural Impact Mitigation Agreement
ACE	Army Corps of Engineers	AIRFA	American Indian Religious Freedom Act
ACELA	American Clean Energy Leadership Act	AL	Aluminum
ACES	American Clean Energy and Security Act of 2009	ALJ	Administrative Law Judge
ACHP	Advisory Council on Historic Preservation	ALTs	Alternative Local Transporters
ACP	Asbestos cement pipe	AMI	Advanced metering infrastructure
ACP	Alternative compliance payment	AMWA	Association of Metropolitan Water Agencies
acre-ft	Acre-foot (water)	ANGTA	Alaskan Natural Gas Transportation Act of 1976
ACRS	Accelerated cost recovery system	ANGTS	Alaskan Natural Gas Transportation System

ANORP	Advance notice of proposed rulemaking	ATO	Advanced transmission operations
ANSI	American National Standards Institute	avdp	Avoirdupois
AOPL	Association of Oil Pipelines	avoir.	Avoirdupois
AOS	Alternative operator services	AWEA	The American Wind Energy Association
AOS	Authorized overrun service	AWG	American Wire Gauge
AP	Access pedestal (telephone)	AWWA	American Water Works Association
APA	Administrative Procedure Act or Alaska Power Administration	AWWARF	American Water Works Association Research Foundation
APCD	Air Pollution Control District		
APCO	Air Pollution Control Officer	B	
APE	Area of potential effect	B	Present value of future coil losses (\$/watt)
APHA	American Public Health Association	b	Bushel
API	American Petroleum Institute	BA	Balancing Authority
APPA	American Public Power Association	BA	Biological Assessment
APR	Annual percentage rate	BACT	Best Available Control Technology
APWA	American Public Works Association	BANANA	Build absolutely nothing anywhere near anybody
AQCR	Air Quality Control Region	BARCT	Best available retrofit control technology
AQMD	Air Quality Management District	BAT	Best available technology
AQMP	Air Quality Management Plan	bbl	Barrel
ARB	Air Resources Board (California)	BBLs	Barrels of oil
ARCO	Atlantic Richfield Company	BBRS	Board for Building Regulations and Standards
ARPA	Archeological Resources Protection Act	BC	Bill calculator
ARRA	American Recovery and Reinvestment Act	BC	Buried cable
ASAE	American Society of Architectural Engineers	BCD	Barrels per calendar day
ASAL	Atlantic salmon population model developed by FWS	Bcf	Billion cubic feet
ASAT	Appliance saturation	Bcfd	Billion cubic feet per day
ASCC	Alaskan System Coordination Council	BCP	Blackstart Capability Plan
ASCE	American Society of Civil Engineers	BCSE	Business Council for Sustainable Energy
ASDWA	Association of State Drinking Water Administrators	BCUC	British Columbia Utilities Commission
ASES	American Solar Energy Society	BDOM	Biodegradable organic matter
ASHRAE	American Society of Heating Refrigeration & Air Conditioning Engineers	BDT	Bone dry tons
ASME	American Society of Mechanical Engineers	BEA	U.S. Bureau of Economic Affairs
ASSE	Association of State Sanitary Engineers	BES	Bulk Electric System
ASTM	American Society of Testing Materials	BeV	Billion electron volts
at wt	Atomic weight	BG	Biomass gasification
ATC	Available transfer capability	bgd	Billion gallons per day
ATC	Authority to construct	bhp	Brake horsepower
Atm.	Atmosphere	BIA	Bureau of Indian Affairs
ATMS	Advanced Traffic Management System (State with traffic system)	BIL	Basic impulse insulation level
		Bil Gal	Billion gallons
		BIPV	Building integrated photovoltaics
		BJ	Buried joint
		bl.	Bale
		BLM	Bureau of Land Management, U.S. Department of Interior)

BLS	Bureau of Labor Statistics. U.S. Department of Labor	CATV	Community antenna television
BOC	Back of curb	CBECS	Commercial Building Energy Consumption Survey
BOC	Bell Operating Company	CBM	Capacity benefit margin
BOD	Biochemical oxygen demand or biological oxygen demand	CBM	Cabling Business Magazine
BOE	Barrels of oil equivalent	CC	Corporation Commission
BOM	Background organic matter	CCAA	California Clean Air Act
BOW	Back of walk (back of the side walk)	Ccf	100 cubic feet
BPA	U.S. Bonneville Power Administration	CCP	Concrete cylinder pipe
BPR	Bureau of Parks and Recreation	CCTV	Closed circuit television
BPS	Bulk Power System	CD	Contract demand
Bq	Becquerel (metric equivalent of curie)	CD	Certificate of deposit
BR	Biennial report	cd.	Cord
BRA	Base rate area	CDC	Centers for Disease Control
brl	Barrel	CDR	Corridor
BS&W	Bottom sediments of water	CE	Calculation error
BT	Building technologies	CEA	Canadian Electricity Association
BTL	Biomass-to-liquid	CEC	California Energy Commission
Btu	British thermal unit	CEERT	Coalition for Energy Efficiency and Renewable Technologies
BTX	Benzene-toluene-xylene (volatiles measured in gasoline)	CEM	Continuous emissions monitoring
BuRec	Bureau of Reclamation	CEO	Chief Executive Officer
		CEQ	Council on Environmental Quality
		CERA	Cambridge Energy Research Associates
C		CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
C	Conduit		
C	Hundred (centum)		
C&I	Commercial and industrial	CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
C*T	Concentration times contact time (disinfectant with water)		
CA ISO	California Independent System Operator Corporation	CEUS	Commercial End Use Survey
CAA	U.S. Clean Air Act	cf	Cubic foot
CAAQS	California Ambient Air Quality Standards	Cf	Compare
CADD	Computer assisted design & drafting	CFB	Circulating fluidized bed
CAFÉ	Corporate Average Fuel Economy	CFCs	Chloro-fluorocarbons
CALC	Customer access line charge	CfD	Contracts for Differences
CAP	Capacity market programs	CFM	Cubic feet per minute
CAP	Community action program	CFO	Chief Financial Officer
CAP	Corrugated Aluminum	CFR	Code of Federal Regulations
CAP	Competitive access provider	CFROI	Cashflow return on investment
CAPM	Capital Asset Pricing Model	cfs	Cubic feet per second
CAP-M	Competitive Asset Pricing Model	CFTC	Commodity Future Trade Commission
CAP-X	Capital expenditures	cfu	Colony-forming units
CAPEX	Capital expenditures	CGA	Common Ground Alliance
CARB	California Air Resources Board	CGI	Combustible gas indicator
CARES	Conservation and renewable energy system	CH	Chemical
Cas No.	Chemical abstract services number	CHP	Combined heat and power
CATV	Cable Television (Formerly known as Community Access TV)	CI	Cast iron
		CI	Curie
		CIA	Confidentiality, integrity, and availability

CIAC	Contribution in aid of construction	CRITFC	Columbia River Inter-Tribal Fish Commission
CIC	Cable in conduit	CRMP	Cultural resource management plans
CIP	Critical infrastructure protection	CRP	Conservation Reserve Program
CIP	Cast iron pipe	CRT	Capacity reservation tariff
CIS	Close Internal Surveys	CRW	see RSW
CL	Centerline (of the road)	CSA	Canadian Standards Association
CL	Changed for clarity	CSCTG	Smart Grid Cyber Security Coordination Task Group
CLEC	Competitive Local Exchange Carrier	CSG	Casing
CLMC	Concrete lined metal pipe	CSL	Candidate standard level
CLUP	Comprehensive Land Use Plan	CSP	Curtailment service provider
cm	Centimeter	CSP	Concentrated solar power
CMC	Cement mortar coated	CSR	Call Service Representative
CML	Cement mortar lined	CSTL	Corrugated steel pipe
CMP	Corrugated metal pipe	CT	Combustion turbine
CMVE	Competitive market value estimate	CT	Current transformer
CNEL	Community noise equivalent level	CT	Concentration times contact time (disinfectant with water)
CNG	Compressed natural gas	CTG	Combustion turbine generator
CO	Carbon monoxide	CTL	Coal-to-liquid conversion
CO	Central office	CU	Copper
CO2	Carbon dioxide	cu	Color Units
COAX	Coaxial cable	cu ft/h	Cubic feet per hour
COC	Cost of capital	cu ft/min	Cubic feet per minute
COCOT	Customer-owned coin-operated telephone	cu ft/s	Cubic feet per second
COD	Chemical oxygen demand	cu yd	Cubic yards
COE	Central office equipment	cu.	Cubic
COE	U.S. Army Corps of Engineers	CUB	Oregon Citizens' Utility Board
COND	Conduit	CURE	California Unions for Reliable Energy
COO	Chief Operating Officer	CWA	Clean Water Act
COPP	Copper	CWD	Creosote wood duct
Corp.	Corporation	CWIP	Construction work in progress
CP	Coincident peak	CWS	Community Water System
CP	Certificate proceeding	cwt	Hundredweight
CP	Control point	CZMA	Coastal Zone Management Act
CP	Cathodic protection		
CPCN	Certificate of Public Convenience and Necessity		
CPE	Customer premises equipment		
CPI	Consumer Price Index	D	
CPM	Compliance Project Manager	D	Distribution Facility
cpm	Counts per minute	D	Diameter
CPP	Critical peak pricing	d	Pence
CPP	Construction program planning	D.B.A	Doing business as
CPP	Corrugated plastic pipe	D.E.	Diatomaceous Earth
CPS	Control performance standard	DA	Distribution automation
cps	Cycles per Second	dB	Decibel
cpu	Chlorolatin units (color indicator)	DB	Direct buried
CPUC	California Public Utilities Commission	dB(A)	Decibel on the A scale
CPVC	Chlorinated polyvinyl chloride	Db	Decibels on the A-weighted scale
CRA	Columbia River Alliance for Fish, Commerce and Communities	DBCP	Dibromochloropropane
CREB	Clean renewable energy bond	DBH	Diameter at breast height (used in tree measurement)
		DC	Direct current

DCF	Discounted cash flow	DTC	Desert Tortoise Council
DCLM	Direct control load management	Dth	Dekatherm (equivalent to 1 MMBTU)
DCS	Disturbance Control Standard	DWDM	Dense wave division multiplexing
DCTL	Double circuit transmission line	DWR	Department of Water Resources
D-DBP	Disinfectant-disinfectant by-products	dwt.	Pennyweight
DDT	Dichlorodiphenyltrichloroethane		
DE	Dead end, of a utility line	E	
DE	Diatomaceous Earth		
DECS	Debt exchangeable for common stock	E	Electric
DEIR	Draft Environmental Impact Report	E&D	Expenses exploration and development expenses
DEIS	Draft Environmental Impact Statement	E&P	Exploration and production
DER	Distributed energy resources	E911	Enhanced 911 Emergency Service
DF	Distribution factor	EA	Environmental assessment
DG	Distributed generation	EAP	Energy Action Plan
DI	Drain inlet or drop inlet (storm sewer)	EAS	Extended area service
DI	Ductile iron pipe. Also written as DIP	EBB	Electronic bulletin board
DIPRA	Ductile Iron Pipe Research Association	EBCT	Empty bed contact time
DIRT	Damage Information Reporting Tool	ECAA	Energy conservation assistance account
DISCO	Distribution Company or Distribution Utility	ECAR	East Central Area Reliability Coordination Agreement
dist	District	ECO	Equity carve out
DIY	Do-it-yourself	ECOS	Embedded cost of service
DL	Design line	ECPA	Electric Consumers Protection Act
dL	Decileter	ED	Electrodialysis
DLC	Direct load control	EDB	Ethylene dibromide
DME	Disturbance monitoring equipment	EDF	Environmental Defense Fund
DO	Dissolved oxygen	EDP	Electronic data processing
DOC	Determination of compliance	EDR	Energy development report
DOC	Dissolved organic carbon	EDR	Electrodialysis reversal
DOE	U.S. Department of Energy	EDRP	Emergency Demand Response Program
DOE Act	Department of Energy Organization Act	EDTA	Ethylenediaminetetraacetic acid
DOE LGP	Department of Energy Loan Guarantee Program	EDZ	Economic Development Zone
DOE/FE	Department of Energy/Office of Fossil Energy	EEI	Edison Electric Institute
DOI	Department of Interior	EEO/AA	Equal employment opportunity/affirmative action
DOJ	U.S. Department of Justice	EER, SEER	Energy efficiency ratio, seasonal energy efficiency ratio
DOT	Department of Transportation	EERS	Energy Efficiency Resource Standard
DOX	Dissolved organic halogen	eff.	Efficiency
DP CAP	Damage Prevention and Claims Avoidance Program	EFRD	Emergency flow restricting device
DP cell	Differential pressure cell	EFS&EPD	Energy Facilities Siting and Environmental Protection Division
DPA	Deferred payment agreement	EHV	Extra high voltage
DQI	Data Quality Index	EI	Environmental inspector
DR	Demand response	EIA	Energy Information Administration of the Department of Energy
dr	Drive	EICD	Electrolytic conductivity ditector
DSI	Direct service industries	EIR	Environmental impact report
DSL	Digital subscriber line	EIS	Environmental impact statement
DSM	Demand-side management		

EISA	Energy Independence and Security Act	ESCO	Efficiency service company
EJC	Engineers Joint Council	ESOT	Employee Stock Ownership Trust
ELCAP	Elrick & Lavidge Computerized Audit Program	ESP	ElectroStatic precipitator
ELCON	Electricity Consumers Resources Council	ESP	Energy service providers
ELFIN	Electric Utility Financial and Production Simulation Model	ETS	ElectronicTotal Stations
EM	Electro-magnetic	ETSR	Energy Technologies Status Report
EM&CP	Environmental management and construction plan	EUC	End-use consumption
EM&CS&P	Environmental management and construction standards and practices	EUCL	End-user common line charge
EMF	Electric and magnetic fields	EUI	End use intensities
EMF	Electro-magnetic field	eV	Electron volts
emf	Electromotive force	EVA	Economic value added
EMI	Electromagnetic imaging	EWEB	Eugene Water & Electric Board
EMM	Electricity market model	EWG	Exempt wholesale generator
EMS	Electronic marker system		
eng	Engineer		
enr	Engineer		
EOQ	Economic order quantity		
EOR	East of river (Colorado River)		
EOR	Enhanced oil recovery		
EPA	U.S. Environmental Protection Agency		
EPAAct	National Energy Policy Act of 1992		
EPAAct 2005	Energy Policy Act of 2005		
EPCA	Energy Policy and Conservation Act		
EPDM	Ethylene-propylene-diene-monomer		
EPR	Energy profit ratio		
EPRI	Electric Power Research Institute		
EPS	Earnings per share		
EQR	Electric Quarterly Report		
ER	Electricity report		
ERA	Economic Regulatory Administration (now called Fossil Energy FE)		
ERAM	Electric revenue adjustment mechanism		
ERC	Emission reduction credit {offset}		
ERCOT	Electric Reliability Council of Texas		
ERO	Electric reliability organization		
EROEI	Energy return on energy invested		
ERP	Equity risk premium		
ERPA	Energy resources program account (funding that supports the Energy Commission)		
ERTA	Economic Recovery Tax Act of 1981		
ESA	Endangered Species Act (Federal)		
ESA	Environmental site assessment		
ESA	Environmentally sensitive area		
ESCO	Energy service company		
		F	
		FAA	Federal Aviation Administration
		FAC	Fuel adjustment clause
		FACTS	Flexible alternating current transmission system
		FAN	Field area network
		FASB	Financial Accounting Standards Board
		FBE	Functional basis earthquake
		fbm	Board feet (feed board measure)
		FBS	Federal base system
		FCAA	Federal Clean Air Act
		FCC	Federal Communications Commission
		FCITC	First contingency incremental transfer capability
		FCRPS	Federal Columbia River Power System
		FDM	Frequency division multiplexing
		FEC	Flathead electric co-op
		FEIR	Final environmental impact report
		FEIS	Final environmental impact statement
		FELCC	Firm energy load carrying capability
		FEMA	Federal Emergency Management Agency
		FEMP	Federal Energy Management Program
		FERC	Federal Energy Regulatory Commission
		FGD	Flue gas desulfurization
		FH	Fire hydrant
		FHWA	Federal Highway Administration
		FIFO	First-in, first-out
		FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
		FIP	Federal implementation plan
		FIP	Fields in production

FIPS	Federal information processing standards	G	
FIT	Feed-in tariff	G	Gallon
FLPMA	Federal Land Policy and Management Act	G	Gas
FO	Fiber optics	g	Gram
FOC	Front of curb	g/m ³	Micro grams (10 ⁻⁶ grams) per cubic meter
FOG	Fiber optic ground (see OPGW)	GAAP	Generally accepted accounting principles
FOIA	Freedom of Information Act	GAC	Granular activated carbon
FOIL	Freedom of Information Law	gal	Gallon
FONSI	Finding of no significant impact	gal/ft ²	Gallons per square foot
FOP	Fuel oil price	gals	Gallons
FOW	Front of walk	GATT	General agreement on tariffs and trade
FPA	Federal Power Act	GB	Gigabarrels
FPC	Federal Power Commission	GCA	Gas cost adjustment
FPS	Firm peaking service	GDP	Gross Domestic Product
FR	Full requirements	gdp	Gallons per day
FR or F.R.	Federal Register	Genco	Generation company
FRCC	Florida Reliability Coordinating Council	GEP	Good engineering practice
FS	Forest Service	GHG	Greenhouse gas
FSA	Final staff assessment	GIC	Gas inventory charge
FSO4	Final standard offer four	GIS	Gas insulated switchgear
FT	Firm transportation service	GIS	Geographical Information System/Global Information System/Geospatial Information System
FT	Fischer-Tropsch Process	GISB	Gas Industry Standards Board (now NAESB)
ft	Feet	GITA	Geospatial Information and Technology Association
ft/h	Feet per hour	GL	Gigaliter
ft/min	Feet per minute	GLDF	Generator-to-load distribution factor
ft/s	Feet per second	GOM	Gulf of Mexico
ft ²	Square foot	GOMEX	Gulf of Mexico
ft ³	Cubic feet	GOSP	Gas oil separation plant
ft ³ /h	Cubic feet per hour	gpcd	Gallons per capita per day
ft ³ /min	Cubic feet per minute	gpd	Gallons per day
ft ³ /s	Cubic feet per second	gpg	Grains per gallon
ft ³ /s	Second feet (cubic feeter per second)	gph	Gallons per hour
FTC	Federal Trade Commission	gpm	Gallons per minute
ft-lb	Foot-pound	gpm/ft ²	Gallons per minute per square foot
FTR	Firm transmission rights	GPR	Ground penetrating radar
FTS	Federal transfer surcharge	GPRS	General packet radio service
FTS	Firm transportation service	GPS	Global positioning service
FTTC	Fiber to the curb	gps	Gallons per second
FTTH	Fiber to the Home	GRD	Ground
FTTP	Fiber to the premises	GRDA	Geothermal resources development account
FUA	Fuel Use Act	GRI	Gas Research Institute
FUA	Fields under appraisal	Gridco	Transmission company (a Transco)
FUCO	Foreign utility company		
FUD	Fields under development		
FW	Formula weight		
FWPA	Federal Water Power Act		
FWPCA	Federal Water Pollution Control Act		
FWS	U.S. Fish and Wildlife Service		
FX	Foreign exchange		

GRIM	Government Regulatory Impact Model	HTS	High-temperature superconducting
GSF	Generator-to-load distribution factor	HV	High voltage
GSR	Gas supply realignment	HVAC	Heating, ventilating, and air conditioning
GSR costs	Gas supply realignment costs	HVAR	Highly valued aquatic resource
GSSI	Geophysical Survey Systems, Inc.	HVL	Highly volatile liquid
GT&C	General terms and conditions	Hz	Hertz
GTI	Gas Technology Institute		
GTL	Gas-to-liquids conversion		
GW	Gigawatt	I	
GWeC	Global Wind Energy Council	IAR	Issues and alternatives report
GWh	Gigawatt-hour	IBC	International Boundary Commission
		IBES	Institutional Brokers' Estimate System
H		ICAP	Installed capacity
H2S	Hydrogen sulfide	ICC	Illinois Commerce Commission
h	Height	ICIP	Industrial Customers of Idaho Power
H	Height	ICNU	Industrial Customers of Northwest Utilities
h	Hour	ICR	Information collection rule
HAA	Haloacetic acid	ICS/UC	Incident Command System/Unified Command.
HAN	Home area network	ICT	Independent coordinator of transmission
HANs	Aloacetic nitriles	ID	Load identification
HANs	Hectare	ID	Inside diameter
HAZOP	Hazard and operability analysis	IDC	Interchange Distribution Calculator
HCA	Host control area	IDF&G	Idaho Department of Fish & Game
HCA	High consequence area	IEA	International Energy Agency
HCP	habitat conservation plan	IEC	International Electrotechnical Commission
HD	High density	IEEE	Institute of Electrical and Electronics Engineers, Inc.
HDD	Horizontal directional drilling	IEPR	Integrated energy policy report
HDPE	High-density polyethylene	IER	Incremental energy rate
HEFPA	Home Energy Fair Practices Act	IFIM	Instream Flow Incremental Methodology
HELM	Hourly electric load model	IGIC	Interim gas inventory charge
HEP	Habitat evaluation procedure	IGSC	Interim gas supply charge
HFC	Hybrid fiber coax	IGT	Institute of Gas Technology
HH	Handhole	IHR	Incremental heat rate
HHI	Hirschman Herfindahl Index	IHS	IHS Energy (consulting company, parent of CERA)
HHV	Higher heating value		
HIECA	Home Insulation and Energy Conservation Act	IID	Imperial Irrigation District
HL	Hubbert Linearization	IIR	Issues Identification Report
HM	Hazardous material	IJC	International Joint Commission
H-O DR	Laser-scribed M3 core steel	ILEC	Incumbent Local Exchange Carriers
HOUSES	Households	ILI	Inline inspection (smart pigging)
HP	High pressure	ILI Tool	Inline inspection tool
HP	High-profile	ILP	Integrated licensing process
HP	Horse power	IMBUILD	Impact of building
HPC	Hetrotrophic plate count (replaces standard plate count)	imp	Imperial
HPLC	High-pressure liquid chromatography	IMPLAN	Impact analysis for planning
HQI	Habitat Quality Index		
hr	Hour		
HRA	Health risk assessment		
HRSB	Heat recovery steam generator		

in. Inch
 in./min Inches per minute
 in./s Inches per second
 in.^2 Square Inch
 in.^3 Cubic inches
 inc Incorporated
 INFORM Industrial End Use Forecasting Model
 INGAA Interstate Natural Gas Association of America
 INT Intersect
 INT Interconnect
 int'l International
 IOC International oil company
 IOC Inorganic chemical
 IOS Interconnected operations services
 IOU Investor-owned utility
 IP Implementation plan
 IPAA Independent Petroleum Association of America
 IPC Idaho Power Company
 IPP Independent Power Producer
 IPPs Independent Power Producers
 IPS Iron pipe size
 IPS Internet protocol
 IPUC Idaho Public Utilities Commission
 IR Interagency report
 IRC Investment recovery charge
 IROL Interconnection reliability operating limit
 IRP Integrated resource planning
 IRR Internal rate of return
 IRS Internal Revenue Service
 IS Initial study
 ISDN Integrated services digital network
 ISE Ion selective electrode
 ISO International Organization for Standardization
 ISO Independent System Operator
 ISO-NE ISO New England, Inc.
 ISP Incentive sales program
 ISP Inside plant
 ISS Interruptible sales service
 IT Interruptible transportation
 ITC Investment tax credit
 ITS Interruptible transportation service
 ITS Intelligent traffic systems
 IUPPS Indiana Underground Plant Protection Service
 IURC Indiana Utility Regulatory Commission
 IXC Inter-exchange carrier

J

J Joule
 J.A.S. Joint Association Survey
 J-BOX Junction box
 JC Joint trench (same as BJ)
 JES Joint environmental statement
 JODI Joint oil data initiative
 JPA Joint Powers Authority
 JT Joint trench – (Same as BJ)
 Jtu Jackson turbidity units

K

KCAPCD Kern County Air Pollution Control District
 KCM Thousand circular mils (also KCMil) (electricity conductor)
 kg Kilogram
 KGRA Known geothermal resource area
 kHz Kilohertz
 km Kilometer
 KN Kansas-Nebraska
 KOP Key observation point
 KRCC Kern River Cogeneration Company
 kV Kilovolt
 kVa Kilovolt-ampere
 kvar Kilovar
 KVAR Kilovolt-ampere reactive
 kW Kilowatt
 kW*h kilowatt-hours
 kW/kWh Kilowatt/kilowatt hour
 kWe Kilowatt, electric
 Kw-hr Kilowatt-hours
 kWp Peak kilowatt

L

L L-System – Long distance (coaxial cable)
 l Length
 L Length
 L Liter
 I6NYCRR Volume I6 of New York Codes, Rules and Regulations
 LADWP Los Angeles Department of Water and Power
 LAER Lowest achievable emission rate
 LATA Local access and transport area
 LPC Late payment charge for an overdue utility bill
 lb Pound
 Lb Pound

lb/d	Pounds per day	LSFO	Low-sulfur fuel oil
lb/ft ²	Pounds per square foot	LSI	Langerlier Saturation Index
lb/in ²	Pounds per square inch	LSL	Lead service line
LBNL	Lawrence Berkeley National Laboratory	LT	Loose tube
LBO	Leveraged buyout	LV	Low voltage
lbs	Pounds		
lbs/hr	Pounds per hour	M	
lbs/MMBtu	Pounds per million British thermal units	m (M)	Meter, million, mega, milli or thousand
LC	Load coil	M*	Thickness of core steel
LCAQMD	Lake County Air Quality Management District	Hg	Mercury
L-CXR	L-Carrier aka L-System	m	Meter
LDC	Local distribution company	M	Molar
LEC	Local exchange carrier	M	One thousand
LEC/LCOE	Levelized energy cost/Levelized cost of energy	m fib/L	Million fibers per liter
LEL	Lower explosive limit	m/s	Meters per second
LEPCs	Local emergency planning committees	m ²	Square meters
LG	Light guided	m ³	Cubic meters
LIBOR	London Interbank offered rate of interest	mA	Milliamperes
LIFO	Last-in, first out	MAAC	Mid-Atlantic Area Council
LIHEAP	Low-Income Home Energy Assistance Program	MAIN	Mid-America Interconnected Network
lin ft	Linear feet	maint	Maintenance
LLC	Life-cycle cost	MAOP	Maximum allowable operating pressure
LLC	Load loss	MAPP	Mid-Continent Area Power Pool
lm	Lumen	MARC	Mid-America Regulatory Conference
LMP	Link management protocol (telecom)	MATH	Matheson pipe
LMP	Land management practice (water)	MB	Millions of barrels
LMP	Locational marginal price (electricity)	MBD	Millions of barrels per day
LMS	Line management system	MBR	Market-based rates
LMUD	Lassen Municipal Utility District	MBUAPCD	Monterey Bay Unified Air Pollution Control District
LNG	Liquified natural gas	MCE	Maximum credible earthquake
LNP	Local number probability	Mcf	One thousand cubic feet
LOAEL	Lowest observed adverse effect level	MCL	Maximum containment level
LODF	Line outage distribution factor	MCLG	Maximum contaminant level goal
LOLE	Loss of load expectation	MCM	Thousand circular mil (electricity conductor)
LORS	Laws, ordinances, regulations and standards	MDD	Maximum daily delivery obligations
LOX	Liquid oxygen	MDDQ	Maximum daily delivery quantity
LPG	Compressed natural gas	MDM	Meter data management
LPG	Liquified petroleum gas (propane and butane)	MDQ	Maximum daily quantities
LPN	Lender participation notes	MEID	Merced irrigation district
LQHC	Low quality hydrocarbons	MER	Maximum efficient rate
LRAC	Long-run avoided cost	MER	Maximum effective rate (of production)
LSE	Load serving entity	MeV	Million electron volts
LSE	Load-serving entities	MF	Membrane filter
LSF	Load shift factor	MFJ	Modification of final judgment
		MFL	Magnetic flux leakage
		MFV	Modified fixed-variable rate
		MG	Milli gauss

mg	Milligram	MSW	Municipal solid waste
mg/L	Milligrams per Liter	MTD	Multiple tile duct
mgd	Million gallons per day	MTD	Maximum tolerated dose
MGD	Million dallons per day	MTOU	Mandatory time of use
MGS	Modern drid strategy	MTS	Message telecommunications service
MH	Manhole	MTSO	Mobile Telephone Switching Office
MHP	Mobile home park	Muni	Municipality
MHz	Megahertz (megacycles)	MUSP	Model Utility Senior Program
mi	Mile	MUTCD	Manual of Uniform Traffic Control Devices
mi^2	Square miles		
MIA	Manufacturer impact analysis	MUX	Multiplexer cabinet
MID	Modesto Irrigation District	MV	Megavolt
mil gal	Milion gallons	mV	Millivolt
min	Minute	MVA	Megavolt-amperes
MIRR	Modified internal rate of return	MVAR	Megavolt-ampere reactive
MISO	Midwest Independent Transmission System Operator, Inc.	MW/MWh	Megawatt/Megawatt hour
		MWA	Mojave Water Agency
MITC	Manufacturing investment tax credit	MWCO	Molecular weight cutoff
ML	Megaliter	MWD	Metropolitan Water District
MLP	Maximum lawful price	MWp	Peak megawatt
MLRA	Major land resource areas		
MM	Used to denote million in gas usage		
mm	Millimeter	N	
MMBtu	1 million British thermal unit	N-1	One transmission circuit out
MMC	Market monitoring center	N-2	Two transmission circuits out
MMcf	1 million cubic feet of gas	DPD	N,N-diethyl-p-phenylenediamine
MMcfd	Million cubic feet per day	N	Normal
MMDt	One trillion Btu's or equivalent to a Bcf (million Mcf)	n.nnX	Times coverage
		NAAQS	National Ambient Air Quality Standards
MMS	Mineral Management Service		
MMT	Million metric tons	NACE	National Association of Corrosion Engineers
mo.	Month		
MODFLOW	Model of groundwater flow	NAD	North American Datum
mol	Mole	NAESB	North American Energy Standards Board (formerly GISB)
mol wt	Molecular weight	NAFTA	North American Free Trade Agreement
mol/L	Moles per liter		
MON	Monument marker	NAICS	North American Industry Classification System
MOP	Maximum operating pressure		
MOU	Memorandum of understanding	NAN	Neighborhood area network
MP	Milepost	NANC	North American Numbering Council
MP	Mechanical protection	NANPA	North American Numbering Plan Administrator
MPC	Maximum permissible concentration		
MPE	Maximum probable earthquake	NAPSR	National Association of Pipeline Safety Representatives
mph	Miles per hour		
MPLS	Multiprotocol label switching	NARUC	National Association of Regulatory Utility Commissioners
MPN	Most probable number		
MPSC	Michigan Public Service Commission	NARUC	National Association of Regulatory Utility Commissioners
MRC	Maximum reservoir contact		
MRO	Midwest Reliability Organization	NASDAQS	National Ass'n of Securities Dealers Automated Quotation Sys.
MS	Mail station		
MSDS	Material Safety Data Sheet	NASFM	National Association of State Fire Marshals.
MSIV	Main steam isolation valve		
MSL	Mean sea level		

NASUCA	National Association of Utility Consumer Advocates	NHA	National Hydropower Association
NATC	Non-recallable available transfer capability	NHPA	National Historic Preservation Act
NBS	National Bureau of Standards	NI	Network interface
NCCE	National Coalition for Consumer Education	NID	Network interface device: same as SNI.
NCD	Non-coincidental demand	NIJ	Network interface junction: same as SNI.
NCI	Navigant Consulting, Inc. (formerly Arthur D. Little, Inc.)	NIMBY	Not in my backyard
NCPA	Northern California Power Agency	NIOSH	National Safety for Occupational Safety and Health
NCSL	National Conference of State Legislatures	NIST	National Institute of Standards and Technology
NDT	Non destructive testing	NITC	Normal incremental transfer capability
NEA	National Energy Act of 1978	NL	No-load losses
NEB	National Energy Board	nm	Nanometer
NECPUC	New England Conference of Public Utilities Commissioners	NMFS	National Marine Fisheries Service
NEEA	Northwest Energy Efficiency Alliance, also known as the Alliance.	NMHC	Nonmethane hydrocarbons
NEEP	Northeast Energy Efficiency Partnership	NO	Nitrogen oxide
NEMA	National Electrical Manufacturers Association	NO2	Nitrogen dioxide
NEMS	National Energy Modeling System	NOAA	National Oceanic and Atmospheric Administration
NEPA	National Environmental Policy Act (federal "equivalent" of CEQA) of 1969	NOC	National oil company (e.g., Saudi Aramco)
NEPOOL	New England Power Pool	NOI	Notice of intent/Notice of inquiry/Notice of investigation
NERC	North American Electric Reliability Council	NOL	North of Lugo
NERC CIP	National Energy Regulatory Commission Critical Infrastructure Protection	NOLS	Net operating losses
NES	National Energy Savings	NOM	Normas Oficiales Mexicanas-NOM (official Mexican standards)
NESC	National Electric Safety Code	NOP	Notice of preparation (of EIR)
NESHAPS	National Emission Standards for Hazardous Air Pollutants	NOPR	Notice of proposed rulemaking
NEWWA	New England Water Works Association	NOV	Notice of violation
NFPA	National Fire Protection Association	NOx	Nitrogen oxides
NG	Natural gas (mainly methane)	NPCC	Northeast Power Coordinating Council
NGA	Natural Gas Act	NPDES	National Pollutant Discharge Elimination System
NGAA	Natural Gasoline Association of America	NPGA	National Propane Gas Association
NGL	Natural gas liquids (ethane, propane, butane, isobutane and natural gasoline)	NPMS	National Pipeline Mapping System
NGPA	Natural Gas Policy Act of 1978	NPRM	Notice of proposed rulemaking
NGPSA	Natural Gas Pipeline Safety Act of 1968	NPS	National Park Service
NGSA	Natural Gas Supply Association	NPS	Nominal pipe size
NGV	Natural gas vehicle	NPV	Net present value
		NRC	Nuclear Regulatory Commission
		NRC	National Response Center
		NRCan	Natural Resources Canada
		NRCS	National Resource Conservation Service
		NRDC	Natural Resources Defense Council
		NRECA	National Rural Electric Cooperative Association

NREL	National Renewable Energy Laboratory	O3	Ozone
NREPA	National Resource and Environmental Protection Act	OASIS	Open access same-time information system
NRHP	National Register of Historic Places	OATT	Open access transmission tariff
NRI	National Rivers Inventory	OC	Optical certificate
NRTA	Northwest Regional Transmission Association	OCB	Oil circuit breaker
NSA	Noise sensitive area	OCS	Outer Continental Shelf
NSCAPCD	Northern Sonoma County Air Pollution Control District	OCSG	Operating Capability Study Group
NSF	National Sanitation Foundation, Inc.	OCSLA	Outer Continental Shelf Lands Act
NSPS	New Source Performance Standards	OD	Outside diameter
NSR	New Source Review	ODAC	Oil Depletion Analysis Centre
NTDPC	National Telecommunications Damage Prevention Council	OECD	Organization of Economic Cooperation and Development
NTS	Non-traffic sensitive	OEE	Office of Energy Efficiency
NTSB	National Transportation and Safety Board	OEFSC	Oregon Energy Facility Siting Council
ntu	Nephelometric turbidity units	OEMs	Original equipment manufacturers
NUCA	National Utility Contractors Association	OFCP	Optical fiber conductive plenum
NUG	Non-utility generator	OFCR	Optical fiber conductive riser
NULCA	National Utility Locating Contractors Association.	OFGEM	Office of Energy Regulation (UK)
NWEC	Northwest Energy Coalition	OFO	Operational flow order
NWI	National Wetland Inventory	OFWAT	Office of Water Regulation (UK)
NWPP	Northwest Power Pool	OGJ	Oil & Gas Journal
NWPPA	Northwest Public Power Association	OHD	Overhead
NWPPC	Northwest Power Planning Council	OIRA	Office of Information and Regulatory Affairs
NY PSC	New York State Public Service Commission Reports	OMB	Office of Management and Budget
NYISO	New York Independent System Operator, Inc.	OMNI	OMNI Marker
NYMEX	New York Merchantile EXchange	OMP	Operation and maintenance plan
NYPA	New York Power Authority	ONA	Open network architecture
NYPIRG	New York Public Interest Research Group	Ontario IESO	Ontario Independent Electricity System Operator
NYPP	New York Power Pool	OOIP	Original oil in place
NYSDEC	New York State Department of Environmental Conservation	OPEB's	Other post retirement benefits
NYSEEN	New York State Elderly and Energy Network	OPEC	Organization of Petroleum Exporting Countries
NYSERDA	New York State Energy Research and Development Authority	OPGW	Optical ground wire
NYSUCAP	New York State Utility Consumer Affairs Professionals	OPS	Optimized Program Service, Inc.
O		OPS	Office of Pipeline Safety
O&M	Operations & maintenance	OP-X	Operating expenditure
O&MS	Operation and maintenance standards	OPEX	Operating expenditure
		OPUC	Oregon Public Utilities Commission
		ORA	Office of Ratepayer Advocates
		ORNL	Oak Ridge National Laboratory
		ORP	Oxidation-Reduction Potential
		OSB	Oversight Board
		OSHA	U.S. Department of Labor Occupational Safety and Health Administration
		OSHA	Occupational Safety and Health Administration (or Act)
		OSP	Outside plant
		OTAG	Ozone Transport Assessment Group
		OTDF	Outage Transfer Distribution Factor

OUE&P	Office of Utility Efficiency & Productivity	PHEV	Plug-in hybrid electric vehicle
oz.	Ounce	PHFFU	Plant held for future use
		PHMSA	Pipeline and Hazardous Material Safety Administration
P		PIC	Polyethylene insulated cable – aka – plastic insulated cable
P/Q	Hubbert Production "P" to Cumulative Production "Q"	PIC	Primary interexchange carrier
P	Perimeter	PICC	Primary interexchange carrier charge
P2P	Point to point	PIDX	Petroleum industry data exchange
PA	Planning Authority	PIER Program	Public Interest Energy Research Program
PA	Programmatic agreement	PIFUA	Powerplant and Industrial Fuel Use Act of 1978
P-A	Presence-absence (Coliform Test)	PIFUA	Federal Powerplant & Industrial Fuel Use Act of 1978
PAC	Political Action Committee	PIPES	Pipeline inspection, protection, enforcement, and safety
PAC	Powdered activated carbon	PJM	PJM Interconnection, LLC
PAF	Progressive Agriculture Foundation.	pk.	Peck
PAH	Polyaromatic hydrocarbon	PL	Property line
PAPA	Pipeline Association for Public Awareness.	PLA	Plastic (conduit or pipe)
PB	Polybutylene (plastic pipe material)	PLANR	Plain Language Annual Notification of Rights
PBI	Performance (or production) based incentives	PLC	Power line carrier
PBL	Power business line of BPA	PLTN	Plain Language Termination Notice
PBP	Payback period	PLUB	Plain Language Utility Bill
PBR	Performance-based regulation	PM	Particulate matter
PBX	Private Branch Exchange	PM	Project manager
PC	Product class	PM&E	Protection, mitigation and enhancement
PC&N	Public convenience and necessity	PM10	Particulate matter 10 microns and smaller in diameter
pc.	Piece	PM2.5	Particulate matter 2.5 microns and smaller in diameter
PCB	Polychlorinated biphenyl	PMA	Power Marketing Administration or Fed. Power Marketing Agency
PCE	Tetrachloroethylene (perchloroethylene)	PMA	Power Marketing Authority
PCI	Per-capita income	PNGC	Pacific Northwest Generating Cooperative
pCi	Picocuries	PNUCC	Pacific Northwest Utilities Conference Committee
pCi/L	Picocuries per liter	PO	Peak oil
PCS	Personal communications services	POD	Point of delivery
PD	Preliminary determination	POE	Point of entry (water treatment device)
PDCI	Pacific DC Intertie	POLY	Polyethylene
PE	Polyethylene	PON	Passive optical network
PE	Price/Earnings Ratio	PONM	Probability of negative margin
PE	Polyethylene	POP	Point of presence
PED	Pedestal	POR	Point of receipt
PERLS	Principle exchange linked bonds	POTS	Plain old telephone service
PETF	Program Evaluation Tast Force	POTW	Publicly owned treatment works
PEX	Cross-linked polyethylene	POU	Point of use (water treatment device)
PG&E	Pacific Gas and Electric Company		
PG&J	Pipeline and Gas Journal		
PGA	Purchased gas adjustment		
PGC	Public Goods Charge		
PGE	Portland General Electric		
PGP	Public generating pool		
PHA	Production Handling Agreement		
PHC(S)	Prehearing Conference (Statement)		

PP Polypropylene
 PP Power pole
 pp. Pages
 PPA Power Purchase Agreement
 ppb Parts per billion
 PPC Public Power Council
 PPHH Persons per household
 ppm Parts per million
 ppmvd Parts per million by volume, dry
 ppt Parts per thousand
 ppt Parts per trillion
 PQL Practical Quantitation Level
 pr. Pair
 PRC Public Resources Code
 PRF Peak responsibility factor
 PRV Pressure release valve
 PS Price/Sales Ratio
 PSC Public Service Commission
 PSD Prevention of significant deterioration
 PSD Public Service District
 PSE Puget Sound Energy
 PSI Pounds per square inch (pressure)
 psi Pounds per square inch
 psia Pounds per square inch absolute
 psig Pounds per square inch gauge
 PSRC Plumas Sierra Rural Electric
 Cooperative
 PSTN Public-switched telephone network
 PT Potential transformer
 pt. Pint
 PTFDF Power transfer distribution factor
 PTFE Polytetrafluoroethylene
 PTO Permit to operate
 PTP Point to point transmission service
 PU Per unit
 Pub works Public works
 PUC Public Utilities Commission
 PUC Public Utility Commission
 PUD Public Utility District
 PUD Public Utilities Department
 PUHCA Public Utility Holding Company Act
 PULP Public Utility Law Project
 PURPA Federal Public Utilities Regulatory
 Policy Act of 1978
 PV Photovoltaics
 PVC Polyvinyl chloride
 PVDF Polyvinylidene fluoride (kynar)
 PWD Public Water District
 PWS Public Water System
 pwt. Pennyweight
 PX Power exchange

Q
 QA/QC Quality assurance/Quality control
 Q Quantity (flow rate)
 Q Quart
 QECB Qualified Energy Conservation Bond
 QF Qualifying facility
 QFER Quarterly Fuel and Energy Reports
 QFs Qualifying facilities
 QL Quality level
 QL-A SUE designation
 QL-B SUE designation
 QL-C SUE designation
 QL-D SUE designation
 Qt Estimated URR from a Hubbert
 Linearization
 qt. Quart
 QUAD A quadrillion Btus

 R
 R/P Reserves-to-production
 c Residual disinfectant concentration
 pE Redox potential
 R Radius (of a circle)
 r Radius (of a circle)
 R/W Right-of-way
 RAB Regional Advisory Body
 RACT Reasonably Available Control
 Technology
 RAS Remedial Action Scheme
 RASS Residential Appliance Saturation
 Survey
 RATC Recallable available transmission
 capability
 RBOC Regional Bell Operating Companies
 RC Reliability Coordinator
 RCB Reinforced concrete box
 RCCP Reinforced concrete cylinder pipe,
 same as CCP
 RCIS Reliability Coordinator Information
 System
 RCP Reinforced concrete pipe
 RCRA Resource Conservation and
 Recovery Act
 RD Recommended decision
 RD&D Research, development, and
 demonstration
 RDF Refuse derived fuel
 RDM Revenue Decoupling Mechanism
 RE Recording error
 REC/SREC Renewable Energy Certificates/Solar
 Renewable Energy Certificates
 RED Reducer coupling

REG	Regulator	S/cm	Second
reg neg	Regulatory negotiations	SA1	Metglas amorphous core material
REPO	Repurchase Agreement	SACOG	Sacramento Area Council of Governments
RES/RPS	Renewable Electricity Standard/Renewable Portfolio Standard	SACP	Solar alternative compliance payments
RETO	Reasonably expected to occur	SAI	Serving area interface: common name for a cross-connect (X-Box)
RF	Reinforced fiberglass	SAIFI	System Average Interruption Frequency Index
RF	Radio frequency	SANBAG	San Bernardino Association of Governments
RFA	Regulatory Flexibility Act	SANDAG	San Diego Association of Governments
RFC	ReliabilityFirst Corporation	SANDER	San Diego Energy Recovery Project
RFI	Request for interchange	SANS	System Administration, Networking, and Security Institute
RFP	Request for proposal	SAPA	State Administrative Procedure Act
RFQ	Request for qualifications	SARA	Superfund Amendments and Reauthorization Act
RHC	Regional Holding Company	SB	Senate bill
RM	Rulemaking	SBR	Styrene-butadiene-rubber
RMR	Reliability must run	SCAB	South Coast Air Basin
RMS	Root mean square	SCADA	Supervisory Control And Data Acquisition
RO	Reverse osmosis	SCAQMD	South Coast Air Quality Management District
ROA	Return of assets	SCC	Stress corrosion cracking
ROC	Reactive organic compounds	SCCP	Street cylinder concrete pipe
ROC	Report of conversation	SCD	Streaming current detector
ROE	Return on equity	Scf	Standard cubic foot of natural gas
ROFR	Right of first refusal	SCFM	Standard cubic feet per minute
ROG	Reactive organic gas	SCH	State Clearing House
ROI	Return on investment	SCIT	Southern California Import Transmission
ROR	Rate of return	SCL	Seattle City Light
ROW	Right of way	SCO	Stranded cost obligation
RP	Reserves/production ratio	SCR	Selective catalytic reduction
RPM	Reliability Pricing Model	SCS	U.S. Soil Conservation Service
rpm	Revolutions per minute	SCTL	Single circuit transmission line
rps	Revolutions per second	SD	Storm drain
RPTR	Repeater	SDCAPCD	San Diego County Air Pollution Control District
RR	Railroad signal	SDP	Society of Depreciation Professionals
RRO	Regional Reliability Organization	SDWA	Safe Drinking Water Act
RSE	Revenue stream estimate	SEARUC	Southeastern Association of Regulatory Utility Commissioners
RSW	Rural service wire	SEC	Securities and Exchange Commission
RTG	Regional Transmission Group	SEC	Security
RTO	Regional Transmission Organization	SEGS	Solar Electric Generating Station
RTP	Real-time pricing	SEP	State Energy Program
RTU	Remote terminal unit	SEPA	Solar Electric Power Association
RTU	Remote transmitter unit		
RTUE	Responding to utility emergencies		
RUL	Regular unleaded gasoline		
RUS	Rural Utility Services (U.S. Department of Agriculture)		
RWQCB	Regional Water Quality Control Board		
S			
S	Sewer		
S/cm	Siemens per centimeter		

SEPCO	Sacramento Ethanol and Power Cogeneration Project	SPR	Sierra Pacific Resources
SEQRA	State Environmental Quality Review Act	SPR	Strategic petroleum reserve
SERC	SERC Reliability Corporation	SPS	Special protection system
SEUFPC	Southeast Underground Facility Protection Council	sq ft.	Square foot
SFEIS	Supplemental Final Environmental Impact Statement	sq in.	Square inch
SFV	Straight fixed-variable	sq mi	Square miles
SGR	State game refuge	sq yd	Square yards
SHPO	State Historic Preservation Office	sq.	Square
SIC	Standard Industrial Classification	SR	State road
SIP	State Implementation Plan	SS	Storm sewer
SJVAB	San Joaquin Valley Air Basin	SS7	Signaling System 7
SJVAQMD	San Joaquin Valley Air Quality Management District	SSOCOF	Sunshine State One-Call of Florida
SL	Street lighting	st	Street
SLC	Subscriber line charge (formerly CALC)	Ste	Suite
SLIC	Subscriber line interface concentrator	STIG	Steam injected gas turbine
SMAQMD	Sacramento Metropolitan Air Quality Management District	STL	Steel
SMPs	Special Marketing Programs	STLCS	Steel casing, same as CSG.
SMUD	Sacramento Municipal Utility District	STM	Steam
SMUDGEO	SMUD geothermal	STR	Structure
SNCR	Selective noncatalytic reduction	SUE	Subsurface utility engineering
SNG	Synthetic natural gas or substitute natural gas	SUM	Subsurface utility mapping
SNG	Substitute natural gas/synthetic natural gas	SURFA	Society of Regulatory Financial Analysts
SNI	Single network interface – aka protector	SVC	Static VAR Compensator
SnoPUD	Snohomish PUD	SWP	State Water Project
SO2	Sulfur dioxide	SWR	Sewer
SO4	Sulfates	SWRCB	State Water Resources Control Board
SOA	Service-oriented architecture	SWTR	Surface Water Treatment Rule
SOC	Synthetic organic chemical	SYD	Sum of years' digits
SOL	System operating limit		
SONGS	San Onofre Nuclear Generating Station	T	
Sox	Sulfur oxides	T	Tap
SP	Slurry system	T-1	T-1 system, short for “transmission one”
SP	Special publication	i.e.	That is (id est)
sp gr	Specific gravity	T	Temperature
sp ht	Specific heat	T	Ton
SPCC	Spill Prevention, Containment and Countermeasure Plan	TAC	Toxic air contaminant
SPDES	State Pollutant Discharge Elimination	TB	Trillions of barrels
SPI	Solar Power International	TBC	Top back of curb
SPP	Small Power Producer	TBL	Transmission business line of BPA
SPP	Southwest Power Pool, Inc.	TBS	Town border station
SPP	Sierra Pacific Power	Tbtu	Trillion Btu
		TC	Total cost
		TCE	Trichloroethylene (or trichloroethene)
		Tcf	Trillion cubic feet
		TCM	Transportation control measure
		TCP	Traffic Control Plan
		TCR	Transition Cost Recovery (Mechanism)

TCU	Transportation, communications and utilities	TSE	Transmission System Engineering
TDD	Telecommunications device for the deaf	TSF	The Solar Foundation
TDM	Tariff Data Model	TSIN	Transmission services information network
TDS	Total dissolved solids	TSLRIC	Total system long-run incremental cost
TDU	Transmission dependent utility	TSP	Total suspended particulate matter
TE	Transmission engineering	tss	Total suspended solids
TE	Transcription error	TT	Treatment technique
TEFPA	Telephone Fair Practices Act	TTC	Total transfer capability
TEFRA	Tax Equity and Fiscal Responsibility Act of 1985	TTHMs	Total trihalomethanes
TEL	Telephone	TTY	Teletypewriter
TELCO	Telephone company	TU	Cooper
temp.	Temperature	TV	Television
TEOR	Thermally enhanced oil recovery	TVA	Tennessee Valley Authority
TF	Transition fitting aka transition coupling	twnshp	Township
TFE	Teflon	TWRT	Thin walled rocket tubing
TG, MG, BG	Multipliers of gallons (thousand, million and billion)	U	
The Guide	The Guide For Consultants Performing Management & Operations Audits	U.S. DOE	(United States) Department of Energy
Therm	One therm equals 100,000 Btu	U.S. EPA	United States Environmental Protection Agency
THMFP	Trihalomethane formation potential	U.S.C.	United States Code
TI	Telecom infrastructure	UAE	United Arab Emirates (Abu Dhabi, Dubai, Sharjah, Ajman, Umm Al-Qaiwain, Ras Al-Khaimah, Fujairah)
TID	Turlock Irrigation District	UBC	Uniform Building Code
TISAB	Total ionic strength adjustment buffer	uc	Uniformity coefficient
TL	Total losses	UDC	Utility Displacement Credits
TL	Transmission line or lines	UDF	Utility Displacement Factor
T-Line	Transmission line	UEC	Average unit of energy consumption for each end use
TLR	Procedures Transmission Line Loading Relief Procedures	UEG	Utility Electric Generator
TOC	Total owning cost	UF	Ultrafiltration
TOC	Traffic Operations Center	UFLS	Under frequency load shedding
TOC	Total organic carbon	UG	Underground
TOD	The Oil Drum	UJ	Utility junction
TOG	Total organic gases	UL	Underwriters Laboratories
TON	Threshold odor number	ULSD	Ultra-low sulfur diesel
TOP	Transmission operator	UM	Unsoldered mechanical protection
TOU	Time-of-use pricing	UMAS	Utility Management Audit Section
TOU	Time-of-use	UNE	Unbundled network elements
TOX	Total organic halide	UNE-P	Unbundled network elements - platform
TPD	Tons per day	UNI	Uni-marker
TPY	Tons per year	UNK	Unknown
TR	Transite pipe	UOAS	Utility Operational Audit Section
Transco	Transmission Company	UPROW	Utilities and public right of way
TRM	Transmission reliability margin	URD	Underground residential distribution
TS	Traffic sensitive	URL	Uniform resource locator
TS	Traffic signal	URR	Ultimately recoverable resources
TS&N	Transmission Safety and Nuisance		
TSD	Technical Support Document		

URTH	Unreasonable risk to public health	W	Watt
US	United States	w	Width
USAM	Universal service access multiplexer	W	Width
USC(A)	United States Code (Annotated)	w/v	Weight/Volume mixture
USCOE	U.S. Corps of Engineers	w/w	Weight/Weight mixture
USDA	U.S. Department of Agriculture	WAA	Warren-Alquist Act
USDOT	United States Department of Transportation	WACOG	Weighted average cost of gas
USEPA	U.S. Environmental Protection Agency	WAN	Wide area network
USF	Universal Service Fund	WAPA	Western Area Power Administration
USFS	U.S. Forest Service	WATS	Wide area telecommunications service
USFWS	U.S. Fish and Wildlife Service	WD	Wood pipe
USGS	U.S. Geological Survey	WDF&W	Washington Department of Fish & Wildlife
USGS	United States Geological Survey	WDM	Wavelength division multiplexing
USOA	Uniform system of accounts	WECC	Western Electricity Coordinating Council
USP	Utility scale power	WEF	Water Environment Federation (formerly WPCF)
USPHS	U.S. Public Health Service	WEFSEC	Washington Energy Facility Site Evaluation Committee
UTA	Utility Training Academy	WEPEX	Western Energy Power Exchange
UV	Ultraviolet	WHO	World Health Organization
UVLS	Under voltage load shedding	WI	Wrought iron
V		WICF	Western Interconnection Coordination Forum
V	Volume	WICF	Western Interconnection Forum
V	Volt	WIEB	Western Interstate Energy Board
v.	Versus	WiMAX	Worldwide interoperability for microwave access
v/v	Volume/Volume mixture	WIRAB	Western Interconnection Regional Advisory Body
VA	Volt-amperes	wk	Week
VAR	Volt-ampere-reactive unit	WMA	Wildlife management area
VCAPCD	Ventura County Air Pollution Control District	WO	Write over
VCP	Vitrified clay pipe	WOEC	West Oregon Electric Cooperative
VCT	Vitrified clay tile (same as VCP)	WOR	West of River (Colorado River)
VEG	Vegetation ditch	WPA	Waterfowl production area
VMS	Variable message sign	WPAG	Western Public Agency Group
VMT	Vehicle miles traveled	WPC	Water Pollution Control
VOC	Volatile organic compounds	WPI	Wholesale Price Index
VOC	Volatile organic chemical	WPPSS	Washington Public Power Supply System, renamed Energy Northwest
VPN	Virtual private network	WPUA	Washington Public Utility District's Association
VRAD	Video Ready Access Device	WQC	Water Quality Certificate
VRS	Virtual Reference Station	WRECA	Washington Rural Electric Cooperative Association
VS	Value/Sales Ratio	WRTA	Western Region Transmission Association
VSD	Variable speed drive	WSCC	Western Systems Coordinating Council
VSR	Visually significant resource	WSPP	Western System Power Pool
VT	Vitrified tile (same as VCP)		
VTOU	Voluntary time of use		
W			
W	Watt		
W	Welded steel pipe, old wood pipe, or water line		

wt	Weight
WTI	West Texas Intermediate (crude oil)
WTP	Willingness to pay
WTP	Water treatment plant
WUTC	Washington Utilities & Transportation Commission
WV	Water valve
WWTP	Wastewater treatment plant
WY	Water year

X

X-Box	Cross box or cross connect
-------	----------------------------

Y

Y	W ye-type transformer terminal connection
yd	Yard
yd ²	Square yards
yd ³	Cubic yards
yr	Year
YTD	Year-to-date
YTF	Yet to find

Z

ZDMH	Mechanically scribed, deep-domain refined core steel
zp	Zeta potential

Online glossaries

<http://www.dps.ny.gov/glossary.html>

<http://www.energy.ca.gov/glossary/acronyms.html>

<https://www.ferc.gov/help/acronyms.asp>

<https://www.pjm.com/~media/documents/manuals/m35.ashx>

<http://www.seia.org/about/solar-energy/solar-faq/what-solar-acronyms-organization-definitions-are-necessary-know>

http://pages.stern.nyu.edu/~adamodar/New_Home_Page/glossary.htm

<http://www.utilitylocatinghq.com/abbreviations-and-acronyms>