

ELECTRIC COOPERATIVE DIRECTORS RESOURCE

Electric & Broadband

Acronym Reference Guide (A.R.G.)

A guide to common acronyms in the electric and broadband industry.



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Purpose

This guide is geared toward new electric cooperative directors as a quick reference to common jargon and acronyms. I have collected some of the most common terms in the electric cooperative utility industry along with hyperlinks to further information.

If you have any suggestions for additions, corrections, or format please feel free to contact me.

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What is not intended to be included

Abbreviations for power generation stations. There are a ton of these and they tend to be specific to a given region.

Acronyms used outside of the United States.

Notes on links

I chose to use primarily Wikipedia references as an open source encyclopedia as opposed to company or agency direct webpage links where applicable as this guide is intended as an educational resource and reference.

Master Index

<u>ACRONYM</u>	<u>MEANING</u>
A	
A&G	Administrative and General expense
ABT	Availability Based Tariff
AC	Alternating Current
ACA	Annual Charge Adjustment
ACRE	Action Committee for Rural Electrification – Rebranded Americas Electric Cooperatives PAC in 2023
ADMS	Advanced Distribution Management Systems
AEP	American Electric Power
AFV	Alternative Fuel Vehicle
AI	Artificial intelligence
AMI	Advanced Metering Infrastructure
AMR	Automatic Meter Reading
APM	ACES Power Marketing
APPA	American Public Power Association
ASAI	Average Service Availability Index
ASHRAE	American Society of Heating, Refrigeration, & Air-Conditioning Engineers
ASME	American Society of Mechanical Engineers
ATC	Available Transmission Transfer Capability
ATRR	Allocated Transfer Risk Reserve
ATRR	Annual Transmission Revenue Requirement
ATSS	Aggregate Transmission Service Study
AVL	Automatic Vehicle Location
B	
BEPC	Basin Electric Power Cooperative
BES	Bulk Electric System
BIA	Bureau of Indian Affairs
BIL	Basic Insulation Level
BLM	Bureau of Land Management
C	
CAA	Clean Air Act
CAIDI	Customer Average Interruption Duration Index
CAISO	California Independent System Operator
CCC	Certified Cooperative Communicator
CCD	Credentialed Cooperative Director
CCPI	Clean Coal Power Initiative
CCT	Clean Coal Technology
CDD / HDD	Cooling Degree Day / Heating Degree Day
CFC	National Rural Utilities Cooperative Finance Corporation (a.k.a. NRUCFC)

ACRONYM	MEANING
CIAC	Contribution in aid to construction
CIP	Critical Infrastructure Protection
CIPC	Critical Infrastructure Protection Committee
CLEC	Competitive Local Exchange Carrier
CMA	Cyber Mutual Assistance
CPNI	Customer Proprietary Network Information
CPP	Clean Power Plan
CREA	Colorado Rural Electric Association
CREB	Clean Renewable Energy Bond
CREC	Council of Rural Electric Communicators
CRISP	Cybersecurity Risk Information Sharing Program (DOE)
CRN	Cooperative Research Network
CROD	Contract Rate of Delivery
CT	Current Transformer
CU	Competitive Upgrade
CUS	Common Use System
D	
DC	Direct Current
DCC	Dakota Coal Company
DEC	Diversified Energy Company
DEF	Diesel Exhaust Fluid
DER	Distributed Energy Resource
DERMS	Distributed Energy Resource Management Systems
DG	Distributed Generation
DGC	Dakota Gasification Company
DIA	Dedicated Internet Access
DOE	Department of Energy
DP	Distribution Provider
DPNS	Delivery Point Network Study
DPT	Delivery Point Transfer
DISIS	Definitive Interconnection System Impact Study
DSL	Digital Subscriber Line
DSC	Debt Service Coverage
DSM	Demand Side Management
E	
ECA	Electrical Cost Adjustment
ECE	Electric Council for the Economy
ECPA	Electric Consumers Protection Act (1986)
EEI	Edison Electric Institute
EHV	Extra High Voltage

ACRONYM	MEANING
EIS	Environmental Impact Study
E-ISAC	Electricity - Information Sharing and Analysis Center
EPA	Environmental Protection Agency
EPRI	Electric Power Research Institute
ERCOT	Electric Reliability Council of Texas
ERO	Electric Reliability Organization
ESCC	Electric Subsector Coordinating Council
ETC	Eligible Telecommunications Carrier
EV	Electric Vehicle
F	
FASB	Financial Accounting Standards Board
FCC	Federal Communications Commission
FERC	Federal Energy Regulatory Commission
FIFO	First-in, First out
FIP	Federal Implementation Plan
FOR	Forced Outage Rate
FPA	Federal Power Act
FREIC	Federated Rural Electric Insurance Corporation
FTE	Full Time Equivalent
G	
G&T	Generation and Transmission
GAAP	Generally Accepted Accounting Principles
GFCI	Ground Fault Circuit Interrupter
GHG	Greenhouse Gas
GIA	Generator Interconnection Agreement
GIP	Generator Interconnection Procedures
GIS	Geographic information system
GPON	Gigabit-capable Passive Optical Network (aka G.984)
GPT	Generative Pre-trained Transformer
GRE	Great River Energy
H	
HTO	Host Transmission Owner
HV	High Voltage
HZ	Hertz (cycles per second)
I	
ICC	Interstate Commerce Commission
ICS	Industrial Control System
IEEE	Institute of Electrical and Electronic Engineers
IOU	Investor Owned Utility
IPP	Independent Power Producer

ACRONYM	MEANING
IS	Integrated System
ISO	Independent System Operator
ITC	Independent transmission company
ITC	investment tax credit
ITP	Integrated Transmission Plan
K	
KRTA	Key Ratio Trend Analysis
kV	kilovolt (1,000 volts)
kVa	kilovolt-amperes
kVar	kilovolt-ampere reactive
kW	kilowatt
kWh	kilowatt-hour
L	
LCS	Load Connection Study
LGIA	Large Generation Interconnection Agreement
LIFO	Last-in, First out
LMP	Locational Marginal Prices
LNG	liquefied natural gas
LSE	Load Serving Entity
LTC	Load Tap Changer
M	
MAPP	Mid-continent Area Power Pool
MCCF	Mid-continent Compliance Forum
Mill	1/10 of one cent
MISO	Mid-Continent Independent System Operator
MOPC	Market Operations Policy Committee
MRO	Midwest Reliability Organization
MUNI	Municipal Utility
MVA	megavolt-amperes (power)
MVEA	Mountain View Electric Association
MVNO	Mobile Virtual Network Operator
MWh	megawatt-hour (1,000 kWh)
N	
NAESB	North American Energy Standards Board
NCP	Non-coincident peak
NDAREC	North Dakota Association of Rural Electric Cooperatives
NEC	National Electric Code
NEMA	National Electrical Manufacturers Association
NERC	North American Reliability Corporation
NESC	National Electrical Safety Code

ACRONYM	MEANING
NGCC	Natural Gas Combined Cycle
NRECA	National Rural Electric Cooperative Association
NWPP	Northwest Power Pool
O	
O&M	Operations and maintenance
OATT	Open Access Transmission Tariff
OAEC	Oklahoma Association of Electric Cooperatives
OCC	Oklahoma Corporation Commission
OCR	oil circuit recloser
ONT	Optical Network Device
P	
PCA	Power cost adjustment
PE	Licensed professional engineer
PMA	Power Marketing Administration
PON	Passive Optical Network
PPA	Power Purchase Agreement
PSC	Public Service Commission
PT	Potential (voltage) transformer
PTC	Production Tax Credit
PTO	Paid Time Off
PUC	Public Utility Commission
PURPA	Public Utility Regulatory Policies Act
PV	Photovoltaic
Q	
QF	Qualified Facility (under PURPA)
QRP	Qualified RFP recipient
R	
REA	Rural Electrification Act (1936)
REC	Renewable Energy Credits
REPAC	Rural Electric Political Action Committee
RFP	Request for Proposal
ROFR	Right of First Refusal
ROI	Return on investment
ROW	Right of Way
RPCF	Running Plant Capacity Factor
RTO	Regional Transmission Organization
RTOR	Regional Through and Out Rate
RTU	Remote Terminal Unit
RUS	Rural Utilities Service
S	

<u>ACRONYM</u>	<u>MEANING</u>
SAIDI	<u>System Average Interruption Duration Index</u>
SAIFI	<u>System Average Interruption Frequency Index</u>
SCADA	<u>Supervisory Control and Distributed Automation</u>
SIP	<u>State Implementation Plan</u>
SNG	<u>Substitute Natural Gas</u>
SPP	<u>Southwest Power Pool</u>
T	
T&D	Transmission and distribution
TCR	Transmission Cost Recovery
TIA	Territorial integrity act
TIER	<u>Times interest earned ratio</u>
TO	Transmission Owner
TOP	<u>Transmission Operator</u>
TSM	Transmission systems maintenance
U	
UFLS	Under Frequency Load Shedding
UMZ	Upper Missouri Zone
URD	Underground residential distribution
UVLS	Under Voltage Load Shedding
W	
WAPA	<u>Western Area Power Administration</u>
WECC	<u>Western Electricity Coordinating Council</u>
WISP	<u>Wireless Internet Service Provider</u>