



TEXAS RE

Ensuring electric reliability for Texans

Electric Reliability Acronym Guide



MRO

Midwest Reliability Organization



RF

Reliability First



NPCC

Northeast Power Coordinating Council



SERC

SERC Reliability Corporation



WECC

Western Electric Coordinating Council



Texas RE

Texas Reliability Entity, Inc.



NERC

North American Electric Reliability Corporation

Registered Functions

- BA** Balancing Authority
- DP** Distribution Provider
- DP-UFLS** Distribution Provider UFLS
- FRSG** Frequency Response Sharing Group
- GO** Generator Owner
- GOP** Generator Operator
- PA** Planning Authority
- PC** Planning Coordinator
- RC** Reliability Coordinator
- RP** Resource Planner
- RRSG** Regulatory Reserve Sharing Group
- TO** Transmission Owner
- TOP** Transmission Operator
- TP** Transmission Planner
- TSP** Transmission Service Provider

Reliability Standards

- BAL** Resource and Demand Balancing
- CIP** Critical Infrastructure Protection
- COM** Communications
- EOP** Emergency Preparedness and Operations
- FAC** Facilities Design, Connections, and Maintenance
- INT** Interchange Scheduling and Coordination
- IRO** Interconnection Reliability Operations and Coordination
- MOD** Modeling, Data, and Analysis
- NUC** Nuclear
- PER** Personnel Performance, Training, and Qualifications
- PRC** Protection and Control
- TOP** Transmission Operations
- TPL** Transmission Planning
- VAR** Voltage and Reactive



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ERO Acronyms

ACE	Area Control Error	CIP	Critical Infrastructure Protection
AFC	Available Flowgate Capability	CMEP	Compliance Monitoring and Enforcement Program
AGA	Applicable Governmental Authorities	CO	Coordinated Oversight
AGC	Automatic Generation Control	COP	Compliance Oversight Plan
AMP	Automatic Mitigation Plan	CPS	Control Performance Standard
AO	Authorizing Officer	CR	Competitive Retailer
AOC	Area of Concern	DCS	Disturbance Control Standard
ATC	Available Transfer Capability	DME	Disturbance Monitoring Equipment
ATL	Audit Team Lead	DOE	Department of Energy
AVR	Automatic Voltage Regulator	DSM	Demand-Side Management
BAAL	Balancing Authority ACE Limit	EACMS	Electronic Access Control or Monitoring Systems
BCA	BES Cyber Asset	EAP	Electronic Access Point
BCS	BES Cyber System	EAP	Event Analysis Process
BCSI	BES Cyber System Information	EC	Electric Cooperative
BES	Bulk Electric System	EEA	Energy Emergency Alert
BOD	Board of Directors	E-ISAC	Electricity Information Sharing and Analysis Center
BOTCC	NERC Board of Trustees Compliance Committee	EMS	Energy Management System
BPS	Bulk Power System	EPR	Enhanced Periodic Review
BR	Brief Report	ERC	External Routable Connectivity
CA	Critical Asset	ERCOT	Electric Reliability Council of Texas
CAM	Compliance and Mitigation Analyst / Engineer	ERO	Electric Reliability Organization (NERC)
CBM	Capacity Benefit Margin	ERO Enterprise	NERC and the Regional Entities
CCC	NERC Compliance and Certification Committee	ESCC	Electricity Sub-sector Coordinating Council
CE	Compliance Exception	ESP	Electronic Security Perimeter
CEA	Compliance Enforcement Authority	ETC	Existing Transmission Commitments
CEII	Critical Energy Infrastructure Information	ETL	Engagement Team Lead
CFR	Coordinated Functional Registration	FERC	Federal Energy Regulatory Commission



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ERO Acronyms

FFT	Find, Fix, Track and Report	MP	Mitigation Plan
FME	Frequency Measurable Event	MRC	Member Representative Committee
FOIA	U.S. Freedom of Information Act	MRRE	Multi-regional Registered Entity
FPA	Federal Power Act	MSSC	Most Severe Single Contingency
FRM	Frequency Response Measure	MVCD	Minimum Vegetation Clearance Distance
FRO	Frequency Response Obligation	NAESB	North American Energy Standards Board
FRT	Findings Review Team	NAGF	North American Generator Forum
FTP	File Transfer Protocol	NATF	North American Transmission Forum
GADS	Generation Availability Data System	NCR	NERC Compliance Registry
GMD	Geomagnetic Disturbance	NERC	North American Electric Reliability Corporation
GSU	Generator Step-Up	NERC ID	NERC Identification Number
Hz	Hertz (Frequency Unit)	NOP	Notice of Penalty
IAC	Identify, assess, and correct language	NPIR	Nuclear Plant Interface Requirements
IBR	Inverter-Based Resources	NPLR	Nuclear Plant Licensing Requirements
ICCP	Inter-Control Center Communications Protocol	NPV	Notice of Possible Violation
ICE	Internal Controls Evaluation	NRC	U.S. Nuclear Regulatory Commission
ICP	Internal Compliance Program	NSRF	NERC Standards Review Forum
IEEE	Institute of Electrical and Electronics Engineers, Inc.	O&P	Operations and Planning
IP	Implementation Plan	OASIS	Open Access Same Time Information Service
IPP	Independent Power Producer	OATI	GADS/TADS vendor
IRA	Inherent Risk Assessment	OATT	Open Access Transmission Tariff
IROL	Interconnection Reliability Operating Limit	OE-417	Electric Emergency Incident and Disturbance Report
IT SEC	Texas RE IT Security group	OEA	Open Enforcement Action
JRO	Joint Registration Organization	OPA	Operational Planning Analysis
LL	Lessons Learned	PACS	Physical Access Control Systems
LOD	Letter of Dismissal	PCA	Protected Cyber Assets
MIDAS	Misoperation Information Data Analysis System	PCC	Primary Compliance Contact



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ERO Acronyms

PDS	Periodic Data Submittal
PNC	Potential non-compliance
PFR	Primary Frequency Response
PRM	Planning Reserve Margin
PSE	Purchasing Selling Entity
PSMP	Protection System Maintenance Program
PSP	Physical Security Perimeter
PSS	Power System Stabilizer
PTDF	Power Transfer Distribution Factor
PV	Possible Violation
RAPA	Reliability Assessment and Performance Analysis
RAS	Remedial Action Scheme
RBB	Registered Ballot Body
RBP	Registered Ballot Pool
RCIS	Reliability Coordinator Information System
RE	Registered Entity
RFI	Request for Interchange
RFI	Request for Information
RISC	Reliability Issues Steering Committee
ROP	Rules of Procedure
ROW	Right-of-Way
RSAW	Reliability Standard Audit Worksheet
RSM	Reliability Standards Manager
RSTC	Reliability and Security Technical Committee
RTA	Real-time Assessment
RTCA	Real Time Contingency Analysis
RTO	Regional Transmission Organization

SAR	Standard Authorization Request
SBS	Standards Balloting System
SCADA	Supervisory Control and Data Acquisition
SDT	Standards Drafting Team
SME	Subject Matter Expert
SNOP	Spreadsheet Notice of Penalty
SOE	Sequence of Events
SOL	System Operating Limit
SPS	Special Protection System
TADS	Transmission Availability Data System
TCA	Transient Cyber Asset
TFC	Total Flowgate Capability
TFE	Technical Feasibility Exception
TTC	Total Transfer Capability
UFLS	Underfrequency load shed
URE	Unidentified Registered Entity
URS	Up Regulating Service
UVLS	Under Voltage Load Shed
VRF	Violation Risk Factor
VSL	Violation Severity Level





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ERCOT Acronyms

AAN	Advance Action Notice	ERS-30	ERS with a 30-minute ramp
BLT	Block Load Transfer	ESR	Energy Storage Resource
BSS	Blackstart Service	ESS	Energy Storage System
CCN	Certificate of Convenience and Necessity	FFR	Fast Frequency Response
CFC	Constant Frequency Control	FRRS	Fast Responding Regulation Service
CFE	Comisión Federal de Electricidad	GTC	Generic Transmission Constraint
CIM	Common Information Model	GTL	Generic Transmission Limit
CMP	Constraint Management Plan	HASL	High Ancillary Service Limit
COP	Current Operating Plan	HE	Hour Ending
CR	Competitive Retailer	HEL	High Emergency Limit
CRR	Congestion Revenue Right	HRUC	Hourly Reliability Unit Commitment
DAM	Day-Ahead Market	HSL	High Sustained Limit
DC Tie	Direct Current Tie	IMM	Independent Market Monitor
DESR	Distribution Energy Storage Resource	IOU	Investor Owned Utility
DG	Distributed Generation	ISO	Independent System Operator
DGR	Distribution Generation Resource	LEL	Low Emergency Limit
DLC	Direct Load Control	LFC	Load Frequency Control
DLF	Distribution Loss Factor	LSL	Low Sustained Limit
DRS	Down Regulating Service	MDAS	Meter Data Acquisition System
DRUC	Day-Ahead Reliability Unit Commitment	MOU	Municipally Owned Utility
DSP	Distribution Service Provider	MPT	Main Power Transformer
ECEII	ERCOT Critical Energy Infrastructure Information	MRA	Must-Run Alternative
ECRS	ERCOT Contingency Reserve Service	NERC	North American Electric Reliability Corporation
EMS	Energy Management System	NFRC	Non-Frequency Responsive Capacity
ERCOT	Electric Reliability Council of Texas	NOIE	Non-Opt-In Entity
ERS	Emergency Response Service	NSRS	Non-Spinning Reserve Service
ERS-10	ERS with a ten-minute ramp period	OAE	Outage Adjustment Evaluation



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ERCOT Acronyms

OCN Operating Condition Notice

ONECRS Hydro Contingency Reserve Service

ONRR Hydro Responsive Reserve Service

OP Operator

OSA Outages Schedule Adjustment

OTDF Outage Transfer Distribution Factor

PMI Private Microgrid Island

POD Point of Delivery

POI Point of Interconnection

POR Point of Receipt

PRC Physical Responsive Capability

PRM Planning Reserve Margin

PRS Password Recovery Service

PTP Point to Point Transmission Service

PUCT Public Utility Commission of Texas

PUCT Public Utility Commission of Texas

PURA Public Utility Regulatory Act, Title II, Texas Utility Code

PVGR Photo Voltaic Generation Resource

QSE Qualified Scheduling Entity

QSRG Quick Start Generation Resource

RAP Remedial Action Plan

REC Renewable Energy Cred

REP Retail Electric Provider

RMR Reliability Must-Run Unit RRS Responsive Reserve

RMR Reliability Must-Run

ROS Reliability and Operations Subcommittee

RRS Responsive Reserve Service

RUC Reliability Unit Commitment

SCED Security-Constrained Economic Dispatch

SDN Self-Determined Notice

SE State Estimator

T&D Transmission and Distribution

TAC Technical Advisory Committee

TDSP Transmission and/or Distribution Provider

TDSP Transmission Distribution Service Provider

TOAP Temporary Outage Action Plan

UFE Unaccounted for Energy

VDI Verbal Dispatch Instruction

VSS Voltage Support Service

WAN Wide Area Network

WGR Wind-powered Generation Resource



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