

Proposed Revisions to Appendix 2 of the Rules of Procedure Project 2015-04 Alignment of Terms

#	Cross-over Term	Existing Appendix 2, ROP definition	Redline of Appendix 2, ROP definition
1	Adjacent Balancing Authority	a Balancing Authority Area that is interconnected to another Balancing Authority Area either directly or via a multi-party agreement or transmission tariff.**	a Balancing Authority Area-whose Balancing Authority Area that is interconnected with to another Balancing Authority Area either directly or via a multi-party agreement or transmission tariff.**
2	Balancing Authority	the responsible entity that integrates resource plans ahead of time, maintains Load-interchange-generation balance within a Balancing Authority Area, and supports Interconnection frequency in real time.**	the responsible entity that integrates resource plans ahead of time, maintains Loadload -interchange-generation balance within a Balancing Authority Area, and supports Interconnection frequency in real time.**
3	Balancing Authority Area	the collection of generation, transmission, and Loads within the metered boundaries of the Balancing Authority. The Balancing Authority maintains Load-resource balance within this area.**	the collection of generation, transmission, and Loads-loads within the metered boundaries of the Balancing Authority. The Balancing Authority maintains Loadload -resource balance within this area.**
6	Bulk Power System	“Bulk Power System” means, depending on the context: (i) Facilities and control systems necessary for operating an interconnected electric energy supply and transmission network (or any portion thereof),	Bulk Power System” means, depending on the context: (i) (A) Facilities-facilities and control systems necessary for operating an interconnected electric energy supply and transmission network (or any portion thereof); ; and

		and electric energy from generating facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy [++]. (ii) Solely for purposes of Appendix 4E, Bulk Electric System.	(B) electric energy from generating facilities needed to maintain transmission system reliability. The term does not include facilities used in the local distribution of electric energy [++]. <u>(In order to remain consistent with the Federal Power Act [16 U.S.C. 824(o) and 18 C.F.R. 39.1], defined terms contained in this narrative are not capitalized.)</u> -Note that the terms “Bulk-Power System” or “Bulk Power System” shall have the same meaning. (ii) Solely for purposes of Appendix 4E, Bulk Electric System.
16	Flowgate	1.) A portion of the transmission system through which the Interchange Distribution Calculator calculates the power flow from Interchange Transactions. 2.) A mathematical construct, comprised of one or more monitored transmission Facilities and optionally one or more contingency Facilities, used to analyze the impact of power flows upon the Bulk Electric System.**	1.) A portion of the transmission -Transmission system through which the Interchange Distribution Calculator calculates the power flow from Interchange Transactions. 2.) A mathematical construct, comprised of one or more monitored transmission Facilities and optionally one or more contingency Facilities, used to analyze the impact of power flows upon the Bulk Electric System.** Add “Transmission” as a new defined term to the ROP: “Transmission” means an interconnected group of lines and associated equipment for the movement or transfer of electric energy between points of supply and points at which it is transformed for delivery to customers or is delivered to other electric systems.**
20	Interchange Authority	the responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communications of Interchange information for reliability assessment purposes.**	The responsible entity that authorizes the implementation of valid and balanced Interchange Schedules between Balancing Authority Areas, and ensures communications of Interchange information for reliability assessment purposes.**

25	Interconnection	a geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control.++	a geographic area in which the operation of Bulk Power System components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain Reliable Operation of the Facilities within their control.++ <u>When capitalized, any one of the four major electric system networks in North America: Eastern, Western, ERCOT and Quebec.**</u>
27	Load	an end-user device or customer that receives power from the electric system.**	an end-user device or customer that receives power from the electric system.**
33	Point of Receipt	a location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a generator delivers its output.	a location that the Transmission Service Provider specifies on its transmission system where an Interchange Transaction enters or a generator delivers its output.**
34	Protection System	protective relays which respond to electrical quantities, communications systems necessary for correct operation of protective functions, voltage and current sensing devices providing inputs to protective relays, station dc supply associated with protective functions (including batteries, battery chargers, and non-battery-based dc supply), and control circuitry associated with protective functions through the trip coil(s) of the circuit breakers or other interrupting devices.**	protective relays which respond to electrical quantities, communications systems necessary for correct operation of protective functions, voltage and current sensing devices providing inputs to protective relays, station dc supply associated with protective functions (including <u>station</u> batteries, battery chargers, and non-battery-based dc supply), and control circuitry associated with protective functions through the trip coil(s) of the circuit breakers or other interrupting devices.**

40	Reliability Standard	<p>a requirement to provide for Reliable Operation of the Bulk Power System, including without limiting the foregoing, requirements for the operation of existing Bulk Power System Facilities, including cyber security protection, and including the design of planned additions or modifications to such Facilities to the extent necessary for Reliable Operation of the Bulk Power System, but the term does not include any requirement to enlarge Bulk Power System Facilities or to construct new transmission capacity or generation capacity. A Reliability Standard shall not be effective in the United States until approved by the Federal Energy Regulatory Commission and shall not be effective in other jurisdictions until made or allowed to become effective by the Applicable Governmental Authority.</p>	<p>a requirement, <u>approved by the United States Federal Energy Regulatory Commission under Section 215 of the Federal Power Act, or approved or recognized by an applicable governmental authority in other jurisdictions</u>, to provide for <u>reliable operation</u> [Reliable Operation] of the <u>bulk-power system</u> [Bulk Power System], including without limiting the foregoing, <u>The term includes</u> requirements for the operation of existing <u>bulk-power system</u> [Bulk Power System] Facilities<u>facilities</u>, including cyber-security protection, and <u>including</u> the design of planned additions or modifications to such <u>Facilities</u> facilities <u>facilities</u> to the extent necessary for <u>reliable operation</u> [Reliable Operation] of the <u>bulk-power system</u> [Bulk Power System], but the term does not include any requirement to enlarge Bulk Power System such Facilities<u>facilities</u> or to construct new transmission capacity or generation capacity. <u>++ (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)</u> In certain contexts, this term may also refer to a “Reliability Standard” that is in the process of being developed, or not yet approved or recognized by FERC or an applicable governmental authority in other jurisdictions. A Reliability Standard shall not be effective in the United States until approved by the Federal Energy Regulatory Commission and shall not be effective in other jurisdictions until made or allowed to become effective by the Applicable Governmental Authority.</p>
41	Reliable Operation	<p>operating the Elements of the Bulk Power System within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or Cascading failures of such system will not occur as a result of a sudden</p>	<p>operating the Elements<u>elements</u> of the <u>bulk-power system</u> [Bulk Power System] within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or Cascading<u>cascading</u> failures of such system will not occur as a result of a sudden disturbance, including a Cyber Security Incident<u>cybersecurity incident</u>, or unanticipated failure of system</p>

		disturbance, including a Cyber Security Incident, or unanticipated failure of system Elements.++	<u>Elementselements.++ (In order to remain consistent with the Federal Power Act, defined terms contained in this narrative are not capitalized.)</u>
42	Reserve Sharing Group	a group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority’s use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (e.g. ten minutes). If the transaction is ramped in quicker, (e.g., between zero and ten minutes), then, for the purposes of disturbance control performance, the areas become a Reserve Sharing Group.**	a group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply operating reserves required for each Balancing Authority’s use in recovering from contingencies within the group. Scheduling energy from an Adjacent Balancing Authority to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying party could reasonably be expected to load generation in (e.g., ten minutes). If the transaction is ramped in quicker, (e.g., between zero and ten minutes), then, for the purposes of disturbance control performance, the areas become a Reserve Sharing Group.**
44	Sink Balancing Authority	the Balancing Authority in which the Load (sink) is located for an Interchange Transaction.**	the Balancing Authority in which the Load-load (sink) is located for an Interchange Transaction <u>and any resulting Interchange Schedule.</u> **
45	Source Balancing Authority	the Balancing Authority in which the generation (source) is located for an Interchange Transaction.**	the Balancing Authority in which the generation (source) is located for an Interchange Transaction <u>and for any resulting Interchange Schedule.</u> **

48	System Operating Limit	the value (such as MW, Mvar, amperes, frequency or volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria.**	the value (such as MW, Mvar, amperes, frequency or volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. <u>System Operating Limits are based upon certain operating criteria. These include, but are not limited to:</u> <ul style="list-style-type: none"> • <u>facility ratings (applicable pre- and post-contingency equipment ratings or facility ratings)</u> • <u>transient stability ratings (applicable pre- and post-contingency stability limits)</u> • <u>voltage stability ratings (applicable pre- and post-contingency voltage stability)</u> • <u>system voltage limits (applicable pre- and post-contingency voltage limits).</u>**
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