

**New Definitions for Alberta Reliability Standards:
FAC-003-AB-1, INT-003-AB-2 and TOP-005-AB-1 –
Final Blacklined to Proposed Version (November 6, 2008)**

"adjacent balancing authority" means a balancing authority area that is interconnected with another balancing authority area either directly or via a multi-party agreement or transmission tariff;

"balancing authority" or "BA" means a responsible entity that integrates resource plans ahead of time, maintains load-interchange generation balance within a balancing authority area;

"balancing authority area" means the collection of generation, transmission and loads, within the metered boundaries of a balancing authority area, and supports Interconnection frequency in real-time;

"compliance monitor" means the entity(s) appointed by the Commission to carry out compliance monitoring of reliability standards;

"high voltage direct current" or "HVDC" means a high voltage direct current power transmission facility that uses direct current to transfer power;

"interchange" means energy transfers that cross balancing authority boundaries;

"interconnection reliability operating limits" or "IROL" means a system operating limit, that if violated, could lead to instability, uncontrolled separation or cascading outages that adversely impact the reliability of the bulk electric system;

"peak demand" means:

- the highest hourly integrated net energy for load within a balancing authority area occurring within a given period;
- the highest instantaneous demand within the balancing authority area;

"receiving balancing authority" means the balancing authority importing the interchange;

"schedule" means to set up a plan or arrangement for an interchange transaction;

"scheduling path" means the transmission service arrangements reserved by a market participant for an interchange transaction;

"sending balancing authority" means the balancing authority exporting the interchange;

"system operating limit" means the value (MW, MVar, amperes, frequency or volts) that satisfies the most limiting of prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria; system operating limits are based upon certain operating criteria:

- facility ratings (applicable pre- and post-contingency equipment or facility ratings)
- transient stability ratings (applicable pre- and post-contingency stability limits)
- voltage stability ratings (applicable pre- and post-contingency voltage stability)
- system voltage limits (applicable pre- and post-contingency voltage limits)

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**New Definitions for Alberta Reliability Standards:
FAC-003-AB-1, INT-003-AB-2 and TOP-005-AB-1 –
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"transmission operator" means the entity responsible for the *reliability* of its "local" transmission system, and that operates or directs the operations of the *transmission facilities*:

"transmission vegetation management program" or "*TVMP*" means a plan for vegetation management work to ensure the *reliability* of electric transmission systems.

"VRC" means the *Vancouver Reliability Coordinator*.

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FAC-003-AB-1, INT-003-AB-2 and TOP-005-AB-1 – ¶
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"transmission operator" means *"Transmission Operator"* as defined in the *NERC Glossary*; ¶
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Comment [g1]: Existing definitions in the ISO rules is being retained for "interchange schedule" and "interchange transaction".

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"interchange transaction" means an "Interchange Transaction" as defined in the *NERC Glossary*;

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"Interconnection Reliability Operating Limits" as defined in the *NERC Glossary*;

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"*NERC Glossary*" means the Glossary of Terms used in Reliability Standards published by *NERC* on its web site as amended from time to time;

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a "Receiving Balancing Authority" as defined in the <i>NERC Glossary</i>		
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"interchange schedule" means an "Interchange Schedule" as defined in the *NERC Glossary*;

"interchange transaction" means an "Interchange Transaction" as defined in the *NERC Glossary*;

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