



Alberta Reliability Standards Glossary of Terms

Effective: XXX

"*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)



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- voltage stability ratings (applicable pre- and post-contingency voltage stability)
- system voltage limits (applicable pre- and post-contingency voltage limits)

"*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*.