

Blackline Final Proposed New and Amended Alberta Reliability Standard FAC-008-AB-3, *Facility Ratings Definitions* (“new and amended FAC-008-AB-3 definitions”)

Terms and definitions to be added for use in the Alberta Reliability Standards:

“**emergency rating**” means, as determined by the **legal owner** of the equipment or facility, the **equipment rating** or the **facility rating** that the equipment or facility can sustain for a specified period, and takes into account the physical or safety limits of the equipment or facility and assumes acceptable loss of equipment or facility life during the period.

“**equipment rating**” means, as determined by the **legal owner** of the equipment, as applicable, the maximum and minimum voltage, current, frequency, **real power**, **reactive power** and **apparent power** limit of individual equipment under the following conditions: (i) steady state, (ii) short-circuit, and (iii) transient.

“**normal rating**” means, as determined by the **legal owner** of the equipment or facility, the **equipment rating** or the **facility rating** that the equipment or facility can sustain on a continuous basis.

Terms and definitions to be amended for use in the Alberta Reliability Standards:

“**facility rating**” means, ~~the maximum or minimum voltage, current, frequency, or real power or reactive power flow through a facility that does not violate the applicable equipment rating of any as determined by the legal owner of the facility, the most limiting applicable equipment rating of the individual equipment comprising that comprises the facility.~~

“**system operating limit**” means, ~~as determined by the ISO, the value expressed in (MW, MVar, MVA, A, Hz or kV-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 the following:~~

- (i) ~~facility ratings~~ **facility ratings** (applicable **equipment ratings or facility ratings** pre- and post-contingency ~~equipment or facility ratings~~);
- (ii) transient stability ~~limits-ratings~~ (applicable **transient stability limits** pre- and post-contingency ~~stability limits~~);
- (iii) voltage stability ~~limits ratings~~ (applicable **voltage stability limits** pre- and post-contingency ~~voltage stability~~); and
- (iv) system voltage limits (applicable **system voltage limits** pre- and post-contingency ~~voltage limits~~),
for a specified system configuration.