

## Transmission Modelling Information Session

### Session purpose

The purpose of this Information Session is to provide updates and answer stakeholder questions on representations of:

- STATCOM for Alberta transmission system studies;
- Energy Storage Resources for Alberta transmission system studies; and
- Distribution Energy Resources for transmission system studies including the use of power factor control mode for synchronous machines.

As well as introduction on the modelling consideration of Transient Overvoltage study on transmission system, and overview of the changes introduced in the 2021 Planning Base Cases Suite.

**Date:** **Thursday, August 12, 2021**

**Time:** **9:00 a.m. – 11:00 a.m.**

**Location:** **Zoom Webinar**

Item	Agenda Item
1	Introduction
2	Update on representation of STATCOM for Alberta transmission system studies.
3	Update on representation of Energy Storage Resources for Alberta transmission system studies.
4	Update on representation of Distribution Energy Resources for transmission system studies including the use of power factor control mode for synchronous machines
5	Introduction on the modelling consideration of Transient Overvoltage (TOV) study on transmission system.
6	Overview on the changes introduced in 2021 Planning Base Cases Suite.
7	Questions and Answers