
Grid Harmonization: a North American Perspective

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Connecting Today.
Powering Tomorrow.

Ontario and its neighbours

- 13 synchronous interties with Manitoba, Minnesota, New York and Michigan
- Two high-voltage direct current ties and nine radial connections with Quebec
- 5,200 MW of import and export intertie capability
- Market integration supports exchange of energy, capacity and operating reserve





Interconnections: reliability benefits

- Provide operational and planning flexibility
- Tap into more diverse and competitive resource pool
- Enhance ability to withstand and recover from major events
 - Enable Operating Reserve (OR) support between control areas
 - Allow for assistance during energy emergencies



Opportunities for further harmonization

- Regional markets
- Situational awareness
- Information sharing re: cyber threats



THANK YOU

