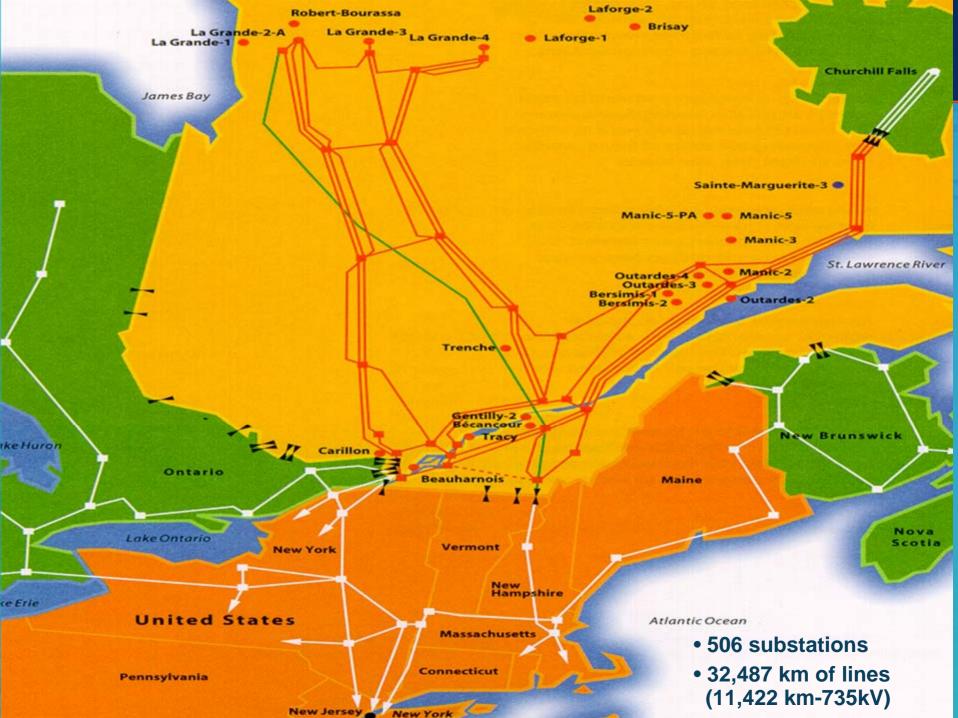


The International Conference on Power Systems Transients

Yves Filion President Hydro-Québec TransÉnergie

Hydro-Québec TransÉnergie

- North American regulatory environment
- Functional separation of generation, transmission and distribution
- Open, non-discriminatory access to transmission
- Northeast Power Coordinating Council (NPCC) standards



IREQ

- High Voltage Laboratory
- Full scale testing
- Up to ±1200 kV DC or 2100 kV rms AC.



Involvement in Simulation

Simulation and Analysis of Power

System Transients

- EMTP-RV
- Hypersim
- SimPowerSystem





New Network Challenges

- New sources of energy
- Decentralization
- Intermittence
- Network stability



Enjoy Montréal and the conference

