

**Presentation by Clement Nadeau, Niagara Mohawk**

**What has been the driver for establishing Pools ?**

**What are the shortcomings of existing Pools ?**

**What are some of the critical design criteria ?**

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**What has been the driver for establishing Pools ?**

**-Reliability !!!**

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**Critical design criteria:**

**-Pricing must promote competition.**

**-Pricing must allow for innovation and flexibility.**

**-Operations must have full control of generating plants.**

**-Reliability services must be provided by the market, set by the operator and paid for by the market participants.**

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Future Power Pool Structure

Operations

- Coordinates operations
- Dispatch generation
- Set operating limits
  - Reserve requirements
  - Frequency control
  - Voltage control
- Reliability reporting
- Energy accounting

Membership

- Utilities with obligation to deliver.

Commercial

- Develop & implement power market
  - Power Sales/purchases
  - Unit commitment
  - Frequency control
  - Wheeling
  - Maintenance coordination
  - Voltage control
- Transmission planning
  
- Any wholesale Buyer/Seller

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