

ONTARIO POWER AUTHORITY

November, 2007



## Update on the Northern York Region Electricity Supply

# NYR Supply Area

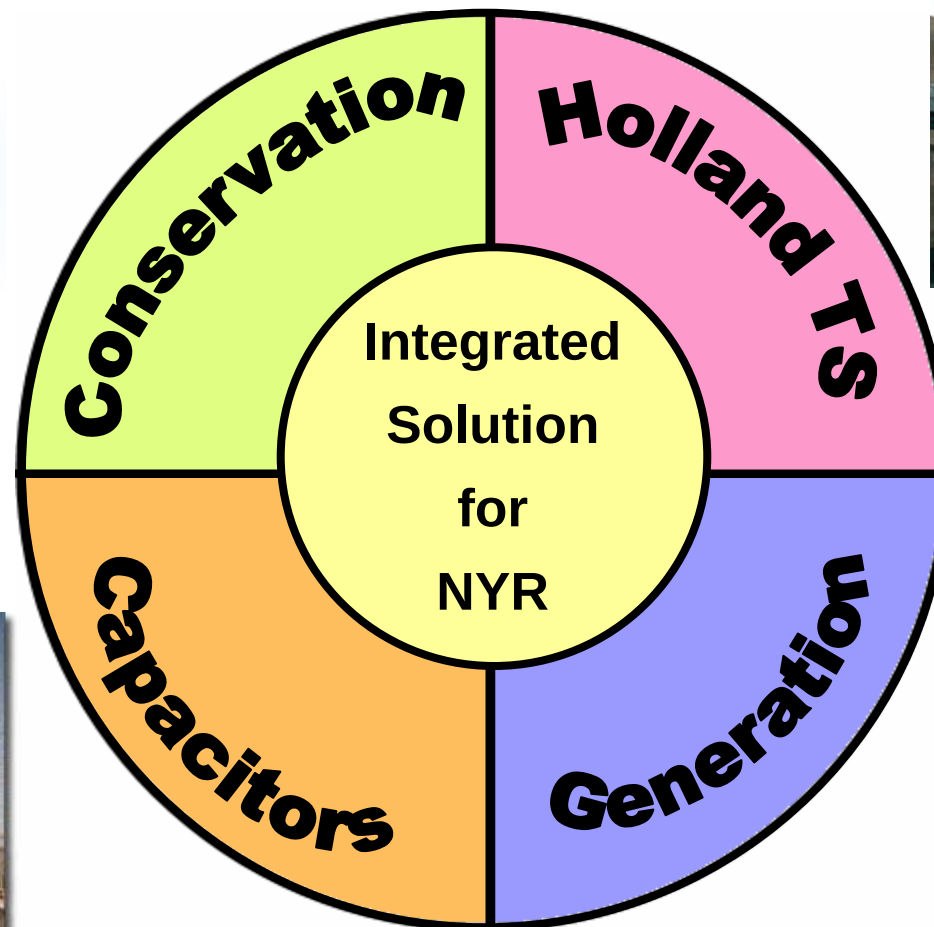


## Summary of NYR Needs

---

- Inadequate transformer and distribution capacity at Armitage station
- Inadequate supply capacity and diversity

# Plan for NYR



## Conservation in NYR

---

- Target of 27 MW of conservation by 2010
- Results to-date:
  - Demand response (Rodan): 15 MW
  - Powerstream, Newmarket Hydro, and Hydro One Conservation Programs: 2 MW
- 2008-2009 Conservation Forecast
  - Demand Response: 4 MW
  - Powerstream, Newmarket Hydro, and Hydro One Conservation Programs: 7 MW

# Generation Supply Procurement - NYR

---

- OPA is responsible for facilitating investment in new generation through procurement initiatives
- OPA is a creditworthy counterparty that provides long-term pricing assurance
- We are not responsible for:
  - Siting new generation facilities, other than specifying electrical connection
  - Mandating environmental performance (MOE)
  - Directing operation of the facility (IESO)
- When need is identified, OPA launches targeted procurement for generation facility

# Request for Qualifications (RFQ)

---

- Participants submit proposals for new generation projects
- Projects will be:
  - Natural gas fired peaking generation facility
  - Approximately 350 MW in size
  - Target in service by end of 2011
- Projects are evaluated for technical specifications, financial strength and participant experience
- Qualified participants form a “Short List” and are eligible for the next phase

# Request for Proposals (RFP)

---

- Only “Short List” participants from the RFQ can participate in the RFP
- Detailed proposals are evaluated:
  - Compliance with mandatory technical and financial criteria
  - Qualitative Assessment (“Rated Criteria”) to assess feasibility
    - Environmental Assessment process
    - Zoning
    - Pricing
- Only one contract will be awarded to the most competitive proposal

# Overview of Procurement Process

---

