

Northland Power Inc.

DEPUTATION TO YORK REGION



Northland Power Inc.
Energy through innovation

A Leading Canadian
Developer of
Independent Power
Projects...

- Design
- Build
- Engineer
- Own
- Finance
- Operate

Partners →

Projects

Power

York Region



Sam Mantenuto
Chief Operating Officer

September 3, 2008



Power

 York Region

Northland Power in York Region

- Introduction to Northland Power & Four Sites
- Northland's Approach to Northern York Region
- Meeting OPA's, MOE's and Regional & Local Planning Requirements
- Project Features: Sight, Sound, Smell, Water & Emissions
- Delivering the Solution
- Next steps



Northland Power & Four NYR Sites

- Northland Power is the only Ontario-based proponent involved in this RFP
- Northland develops, builds, finances, owns and operates renewable (i.e. wind, water, wood waste, solar) and gas-fired power projects
- Northland participated in OPA's 2005 Working Groups sessions
- Northland has been in NYR for over two years identifying most appropriate sites
- Sites in Aurora, East Gwillimbury and King



Northland's Approach

- Open and transparent with fully engaged public
- Enjoyed working with and meeting with regional and municipal planners
- Reviewed over 50 potential sites before selecting current four based on input from municipal staff and other stakeholders
- Sites selected to meet OPA requirements and mitigate issues related to power projects



Meeting OPA's, MOE's & Regional/Local Processes

- Northland is responding to meet OPA's criteria and timelines
- Facility is a provincially-mandated Utility (not an industrial plant) required to meet peak public electricity needs
- Northland will follow MOE EA process as it applies to this project
- Certificate of Approval for air and noise required
- Will address environmental, social, economic and other impacts
- Northland has submitted complete submissions in accordance with the Planning Act to both the Region and local municipalities for all four sites



Project Features: Sight, Sound, Smell, Water Use & Emissions

- Peaker facility will be mostly out of sight (berming, landscaping, low chimney heights)
- Noise when fully operating at normal conversation level
- The facility uses same natural gas as your home furnace, but more cleanly
- Emissions same as several home gas furnaces
- No smell
- No water used for power production



Delivering the Solution

- Generating facility will address not only local needs in Northern York Region, but will help the province meet overall system needs (Part of IPSP solution which includes CDM, Wind Projects, Base-Load, etc)
- Expected to come into service by the end of 2011 to resolve lack of transmission line capacity and the lack of supply diversity
- Will provide power system restoration capability (i.e. avoid/minimize blackouts)
- Will support province's off-coal strategy which will improve air quality
- Most economic and appropriate solution



Next Steps – EA & Planning Approvals

- Environmental Assessment Second Open Houses Scheduled October 2 (King), October 6 (Aurora) & October 7 (East Gwillimbury)
- Site Plan Applications will be submitted shortly
- On-going discussions with community leaders, local councils and concerned residents