Revised Issues List

Issue (1): Compliance with Directions Issued by the Minister of Energy: Supply Mix Directive, June 13, 2006

1. Does the IPSP define programs and actions which aim to reduce projected peak demand by 1350 MW by 2010, and by an additional 3,600 MW by 2025?

2. Does the IPSP assist the government in meeting its target for 2010 of increasing the installed capacity of new renewable energy sources by 2,700 from the 2003 base, and increase the total capacity of renewable energy sources used in Ontario to 15,700 MW by 2025?

3. Does the IPSP plan for nuclear capacity to meet base-load requirements and limit the installed in-service capacity of nuclear power over the life of the plan to 14,000 MW?

4. Does the IPSP maintain the ability to use natural gas capacity at peak times and pursue applications that allow high efficiency and high value use of the fuel?

5. Does the IPSP plan for coal-fired generation in Ontario to be replaced by cleaner sources in the earliest practical time frame that ensures adequate generating capacity and electricity system reliability in Ontario?

6. Does the IPSP plan to strengthen the transmission system to:

- Enable the achievement of the supply mix goals set out in this directive?
- Facilitate the development and use of renewable energy resources such as wind power, hydroelectric power and biomass in parts of the province where the most significant development opportunities exist?
- Promote system efficiency and congestion reduction and facilitate the integration of new supply, all in a manner consistent with the need to cost effectively maintain system reliability?

7. Does the IPSP comply with Ontario Regulation 424/04; specifically, in developing the integrated power system plan, has the OPA done the following:

i. Consulted with consumers, distributors, generators, transmitters and other persons who have an interest in the electricity industry in order to ensure that their priorities and views are considered in the development of the plan?

ii. Identified and developed innovative strategies to accelerate the implementation of conservation, energy efficiency and demand management measures?

iii. Identified opportunities to use natural gas in high efficiency and high value applications in electricity generation?

iv. Identified and developed innovative strategies to encourage and facilitate competitive market-based responses and options for meeting overall system needs?

v. Identified measures that will reduce reliance on procurement under section 25.32(1) of the Act?

vi. Identified factors that it must consider in determining that it is advisable to enter into procurement contracts under subsection 25.32 of the Act?

vii. Ensured that safety, environmental protection and environmental sustainability are considered in developing the plan?

viii. Ensured that for each electricity project recommended in the plan that meets the criteria set out in subsection 8(2) of Regulation 424/04, the plan contains a sound rationale including:
(a) an analysis of the impact on the environment of the electricity project; and
(b) an analysis of the impact on the environment of a reasonable range of alternatives to the electricity project?

Issue (2): Economic Prudence and Cost Effectiveness

Conservation

1. Is the mix of Conservation types and program types included in the plan to meet the 2010 and 2025 goals economically prudent and cost effective?
2. Would it be more economically prudent and cost effective to seek to exceed the 2010 and 2025 goals?
3. Is the implementation schedule for Conservation initiatives economically prudent and cost effective?

Renewable Supply

1. Is the mix of renewable resources included in the plan to meet the 2010 and 2025 targets economically prudent and cost effective?
2. Would it be more economically prudent and cost effective to seek to exceed the 2010 and 2025 targets?
3. Is the implementation schedule for the renewable resources in light of lead times for supply and transmission economically prudent and cost effective?

Nuclear for Baseload

1. What is the baseload requirement after the contribution of existing and committed projects and planned Conservation and renewable supply?
2. Is the IPSP's plan to use nuclear power to meet the remaining baseload requirements economically prudent and cost effective?
3. Is it more economically prudent and cost effective to build new plants or refurbish existing plants to supply new nuclear power?
4. Is the schedule for implementing baseload resources in light of lead times for supply and transmission economically prudent and cost effective?

Replacement for Coal Fired Generation

1. How do existing, committed and planned Conservation initiatives, renewable resources and nuclear power contribute to meeting the contribution that coal-fired generation currently provides to meeting Ontario's electricity needs with respect to capacity (6,434 MW), energy production (24.7 TWh) and reliability (flexibility, dispatchability, and the ability to respond to unforeseen supply availability)?

2. What are the remaining requirements in all of these areas?
3. Will the IPSP's combination of gas and transmission resources meet these remaining requirements in the earliest practical timeframe and in a manner that is economically prudent and cost effective?

Natural Gas

1. How can gas be used for peaking, high value and high efficiency purposes?
2. How can gas-fired generation contribute to meeting transmission capacity constraints?
3. Is the IPSP's plan for additional gas resources for peaking, high value and high efficiency purposes and for contributing to transmission capacity constraints economically prudent and cost effective?

Part II -- The Procurement Process

Are the OPA's proposed procurement processes appropriate to manage electricity supply, capacity and demand in accordance with the IPSP?

Part III - Aboriginal Peoples Consultation

Have all Aboriginal Peoples whose existing or asserted Aboriginal or treaty rights are affected by the IPSP or the Procurement Process been identified, have appropriate consultations been conducted with these groups and if necessary, have appropriate accommodations been made with these groups?