

**Flip Chart Notes from Electricity Project Team, Management Options Subgroup  
May 15, 2002**

**ISSUES**

- New investment certainty
- Capital stock turnover
- Environmental criteria/need
- Technology “do-ability”
- Technology “availability”
- Cost to consumers
- How to incorporate environmental externalities
- Upstream effects (e.g., full fuel cycle, socio-economic impacts)
- Export of electricity
- Efficiency of generation and transmission combined

**ASSESSMENT CRITERIA**

- Allocation
- Environmental effectiveness
- Cost efficiency of emission reduction and cost to consumer
- Local air quality
- Ease of implementation (cost, complexity)
- Impact on future investment climate in electricity sector
- Technology availability
- Compatibility between tools
- Comparability with other jurisdictions
- Flexibility to address new pollutants, emerging standards
- Impact on regulatory review process

**PERFORMANCE EXPECTATIONS**

- Provincial cap/reduction on emissions
- Reduced emission intensity, continuous improvement
- More renewable energy in the mix
- Maintain diverse mix
- Level playing field between types of generation and between sectors
- Meeting ambient objectives, managing the gap (Keeping Clean Areas Clean)

**TOOLS**

- Communication and public recognition to influence performance
- Provincial emissions trading system
- Standards
- Emission rates (benchmark, sectoral, plant specific, industry, regional)
- Specific stack limits

- Ambient Air Quality Guidelines
- Voluntary programs (covenants, MOUs)
- Full-cost accounting (externalities)
- Renewable portfolio standard
- Mandatory disclosure (plant site, consumers)
- Net metering
- Economic Instruments
  - taxes
  - incentives
  - fees
  - subsidies
  - low interest loans
  - tax credits
  - accelerated depreciation
  - performance bonds
  - fines
  - stop orders
- Systems benefit charge
- Energy efficiency office
- Mandated conservation requirement
- Regulations
- Offsets
- Codes – appliances, building standards
- Multistakeholders targets (e.g., CASA)
- Partnerships
- Delegated administrative organizations
- Information systems