

# APPrO 2007

19th Annual Canadian Power Conference and Networking Centre

## Sharpening the Blueprint

How the industry will deliver on Ontario's power plans

Featuring the  
**Green Power Conference**

November 13 & 14, 2007

Metro Toronto Convention Centre

South Building

Toronto, Ontario, Canada

- The shape of Provincial energy policy, post-election
- Tools to deliver on the IPSP
- The development path for Nuclear
- Renewables and Distributed Generation
- The OPA's latest procurement plans
- The future of competition
- Fine-tuning the approval system
- Transmission planning options
- First Nations perspectives
- **The top event of its type in Canada**



**APPrO**

ASSOCIATION OF  
POWER PRODUCERS  
OF ONTARIO

<http://conference.appro.org>



Hon. Gerry Phillips  
Ontario Minister  
of Energy



Gordon Kaiser  
Vice-Chair  
Ontario Energy Board



Jan Carr  
CEO  
Ontario Power Authority



Rita Burak  
Chair  
Hydro One



Paul Murphy  
CEO  
Independent Electricity  
System Operator

## Objectives

There have been years of planning. Now it's time to deliver. What are the key issues outstanding that will need to be addressed in energy policy, to make sure it's possible to deliver on the plan?

- ◆ The APPrO 2007 event will address the top issues of the day including:
- ◆ The direction of provincial energy policy, post election
- ◆ The tools that will be needed to deliver on the Integrated Power System Plan
- ◆ Charting the course of nuclear development in Ontario
- ◆ Addressing local planning requirements and aboriginal concerns
- ◆ Threats and opportunities to the further development of competition
- ◆ Alignment of infrastructure plans with climate change objectives
- ◆ The unique roles of Distributed Generation and the Standard Offer Program

### Hear the latest views and interact with key players in the sector:

Ontario Energy Board  
Ontario Power Authority  
Independent Electricity System Operator  
Hydro One  
BC Transmission Corporation  
Toronto Hydro  
TransCanada Energy Ltd.  
BMO Nesbitt Burns  
TD Securities Inc.  
Team CANDU  
KPMG  
Golder Associates  
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Morrison Park Advisors  
Nishnawbe Aski Development Fund  
Ontario Clean Air Alliance  
Association of Major Power Consumers in  
Ontario  
More than 50 leading experts in law,  
finance and technology relating to  
power generation

Dear APPrO Delegates, Sponsors and Speakers,

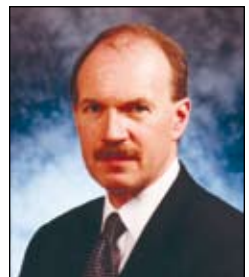
I would like to welcome you again to APPrO 2007 - the Canadian Power Conference. This year we are featuring the Power Networking Centre, a step forward in the concept of trade shows.

Ontario's growing need for new generation continues unabated as consumption rises and older plants approach retirement. Through the Ontario Power Authority, the province has achieved significant success in procuring new generation and critical choices are being made in the development of the system. We are moving in the right direction, but key questions remain unresolved. While Ontario's Integrated Power System Plan has now been filed with the OEB for approval, much work remains to clear the way, define the specific plans, and put the necessary investments in place. Generators are concerned about the rules for siting and approval of new generation and transmission facilities. And, the direction and pace of evolution of Ontario's electricity market remain uncertain. At APPrO 2007 we will discuss, collaborate, learn and equip ourselves to pave the best way forward.

APPrO 2006 broke new records in attendance and there's no sign of slowing down in 2007. Take advantage of the opportunities to develop your business with our delegates – the key people in the power sector. Be sure to check our conference program as we get closer to the date to get a sense of the promise at hand.

APPrO welcomes you to the leading event in the industry. Be at the centre of the action with those who know and those who come to learn. Join us at APPrO 2007 on the 13th and 14th of November.

Sincerely,  
David Butters,  
President of APPrO



# Conference Program

November 2007 will be a special opportunity for goal-setting: The timing of this event, soon after the provincial election, presents a rare situation in which industry perspectives can be shared with newly elected and re-elected legislators, before the government's plans for the next four years of energy policy have solidified.

## Tuesday, November 13

### 8:00 a.m. Daybreak Coffee

Co-hosted by Access Capital Corp. and Northland Power

### 8:25 a.m. Opening Remarks by Conference Chair

• Stephen Somerville, Probyn and Company

### 8:30 a.m. Opening Roundtable of experts ("If I were the Minister of Energy"):

- ◆ What the government's top energy policy priorities should be for the next four years
- ◆ How government should deal with the issues of expediting approvals, First Nations and transmission
- ◆ The respective roles of the IESO and the OPA going forward
- ◆ Does regulated pricing for OPG serve any ongoing purpose?
- ◆ Should LMP be treated as though it's off the table?
- ◆ What would it take for industrials to get into the forward market, in large enough volumes to finance new build?
- ◆ Adequacy, especially provision for peak demand
- ◆ Co-ordination of municipal and provincial planning
- ◆ Should there be a change in provincial law preventing development in areas that don't have sufficient power facilities?

#### Featuring:

- Dave Butters, APPrO
- Moderator: Linda Bertoldi, Borden Ladner Gervais, LLP
- Pelino Colaiacovo, Morrison Park Advisors (former Executive Assistant to Energy Minister Dwight Duncan)
- David O'Brien, CEO of Toronto Hydro
- Jack Gibbons, Ontario Clean Air Alliance
- Adam White, Association of Major Power Consumers in Ontario
- Greg Lyle, Innovative Research

### 10:00 am Coffee Break

Hosted by TransAlta Corporation

### 10:45 am What does the regulator have planned for the sector?

Keynote: **Gordon Kaiser, Vice Chair, Ontario Energy Board**

• Moderator: Tom Brett, Gowlings



### 11:00 am Deconstructing "NIMBY": Challenging Conventional Wisdom

*Community opposition (Not-In-My-Backyard or NIMBY) is seen as a major obstacle to siting electricity facilities today. Integrating 15 years' experience working with proponents and systems planners with a thorough review of the planning literature, Decision Partners' findings challenge conventional wisdom. The results of comprehensive study being undertaken for APPrO, OPA and EPCOR will be used to create methods and tools to help Canadian electricity planners and proponents effectively and systematically build social judgment of their proposal. In this session, the presenters will discuss key findings so far, including:*

- ◆ Planners and project proponents should move beyond conventional concepts of NIMBY, which blame or demonize people or groups.
  - ◆ Social friction often results from stakeholders' judgments of the quality of the proposal and the process for planning and implementing new facilities, which are highly situational-dependent.
  - ◆ Effective stakeholder engagement from the outset is key to minimizing and managing social friction and building stakeholder judgment.
- Gordon Butte and Sarah Thorne, Decision Partners

### 11:20 am Emerging issues with implementation of the IPSP

- George Vegh, McCarthy Tetrault
- Jim Harbell, Stikeman Elliott

*Mr. Harbell and Mr. Vegh, along with Glenn Zacher, are the legal team the OPA has assigned to guide its work on the IPSP. Their view of the challenges and opportunities being addressed will set the stage for discussion in later panels on the critical question of how to deliver on the plan, particularly in terms of financing new build and siting transmission.*

# Conference Program

11:45 am **Questions and discussion**

12 noon **Lunch in the Networking Centre**

Hosted by Ontario Power Generation Inc.

1:00 pm **Getting down to business: Financial experts on making the IPSP “do-able”**

- Gary Nevison, TD Securities Inc.
- Karen Taylor, BMO Nesbitt Burns
- Rob McLeese, Access Capital
- Paul Bradley, PJB Energy Solutions Inc.

*The role of environmental attributes in project finance:*

- Lisa DeMarco, Macleod Dixon
- Moderator: Ken Pearce, Blake, Cassells, Graydon

2:15 pm **Fine-tuning Ontario’s increasingly inclusive approvals system**

*How has the “game” changed? The “Social License to Operate” - What is it and why is it important? How does social acceptance fit within the approvals process? Lessons learned: What worked in the past? Will it work in the future? Moving forward: Keys to success - Case examples. Incorporating community and aboriginal perspectives into development planning. Solutions to competing uses, as seen at the local planning level. Improving the process and if necessary, the system for approvals.*

- Harry Goldgut, Brookfield Power
- Marvin Stemeroff, Gartner Lee

2:45 **Questions and discussion**

- Moderator: Ken Pearce, Blake, Cassells, Graydon

3:00 **Coffee Break**

## Simultaneous Green Power program:

2:15 pm **Ontario’s Clean Energy Standard Offer Program**

- ◆ *CESOP Status Update*
- ◆ *Key issues in program design*
- ◆ *Stakeholder feedback to date*
- ◆ *Next steps toward implementation*
- Jim MacDougall, Ontario Power Authority
- Moderator: Mike Crawley, AIM Powergen

3:00 pm **Coffee break**

3:30 pm **Ontario’s Renewable Energy Standard Offer Program**

- ◆ *Progress Report*
- ◆ *Results to date*
- ◆ *Issues in RESOP program operation*
- ◆ *Issues in project development*
- ◆ *Next steps*
- Jim MacDougall, Ontario Power Authority
- Moderator: Mike Crawley, AIM Powergen

## Combined session, main APPrO Conference and Green Power Conference

3:45 pm **The direction of sector development: The evolving roles of key players in helping to shape it**  
**Keynote: Jan Carr, CEO of the Ontario Power Authority**



4:00 pm **Strengthening the sense of vision for the sector**  
**Keynote address by Paul Murphy, CEO of the IESO**



The immediate priorities for market evolution: Which issues the IESO sees as top of mind for the coming year, and how it plans to work with stakeholders to develop its plans to for market evolution.

- ◆ *Day Ahead Market*
- ◆ *Refinement of real time dispatch and pricing functions*

4:20 pm **The prospects for competition**

- ◆ *Overview of progress towards competitive markets inside and outside Ontario*
- ◆ *What’s worked and what hasn’t with market evolution*
- ◆ *Building on market evolution initiatives of the IESO*
- Moderator: Leigh-Anne Palter, EPCOR Ontario
- Mike Trebilcock, University of Toronto
- Bill Taylor, TransCanada Energy
- Dan Allegretti, Constellation Energy

5:00 pm **Reception in the Networking Centre**  
Hosted by Stikeman Elliott

6:00 pm **Banquet dinner**  
Hosted by Borden Ladner Gervais

# Conference Program

7:00 pm **Keynote speech:**  
**Hon. Gerry Phillips, Ontario  
Minister of Energy**



- Rob Silver, Dynamic Policy Consulting
- Charles Keizer, Ogilvy Renault

8:30 pm **Power Mixer at the Steam  
Whistle Brewery**

Hosted by Blakes

Location: Steam Whistle Brewery, 255 Bremner Blvd.

10:00 am **Coffee break**  
Hosted by EPCOR

## Wednesday, November 14

8:00 a.m. **Daybreak Coffee**  
Co-hosted by Probyn & Company and AIM PowerGen

8:30 am **Keynote speech: Rita Burak,  
Chair of Hydro One Inc.**



9:00 am **Transmission Planning - Is there  
another way?**

*Transmission is critical to the success of Ontario's energy future. But it is also seen as a high political risk. The result of which is a system caught in limbo. Assuming that the current approvals system isn't working adequately for transmission, APPRO 2007 invites participants' prescriptions to address the problem. Policy makers, whether the Ministry or the OPA, have to look critically at the status quo and ask some serious questions:*

- ◆ *Is the IPSP process too cumbersome and protracted to produce a timely and effective result?*
- ◆ *Should policy makers continue to rely on Hydro One as the developer and constructor of transmission or make the same opportunity available to other licensed transmitters?*
- ◆ *Should new legislation be used to deal with approval issues and to limit the uncertainty created by complex regulatory proceedings?*
- ◆ *Major transmission projects that are needed will require investments in the hundreds of millions. Are they feasible without a rate adjustment mechanism to permit recovery (beyond interest during construction) during construction, particularly when the project's need is justified through the IPSP or some other policy-based initiative?*
- ◆ *Will the OEB have the flexibility to combine leave-to-construct and rate proceedings in future, to provide for the more effective management of regulatory risk?*
- Moderator: Adam Chamberlain, Aird & Berlis
- Donald Gamble, Golder Associates: *Experience with transmission siting approval processes in other provinces; Managing the potential for expanding scope*

10:30 am **New challenges in securing gas for power  
generation**

- ◆ *How generators can make best use of the new services that are becoming available*
- ◆ *How gas services required for future plants are likely to differ from those developed for the combined cycle plants currently being built*
- ◆ *What options are most suitable for the new small and medium generators?*
- ◆ *Understanding gas service requirements*
- ◆ *Potential for interaction between CESOP, CHP2, Peaking and DR procurements*
- John W. Voss, Aegent Energy Advisors Inc.
- John Rosenkranz, Independent Consultant
- Jeff Sim, Enbridge Gas
- Mark Isherwood, Union Gas
- Moderator: Pat Moran, Ogilvy Renault LLP

10:30 am **First Nations Power Generation Panel**

*This Panel will examine the role that First Nations play in respect of the development of new, or refurbishment/expansion of existing, electricity generation projects in Ontario. A large proportion of new power plant developments in Ontario will have a First Nations component: at one end of the spectrum, a proposed project may impact a First Nations' rights/claim over traditional lands while at the other end of the spectrum a First Nation may wish to lead development of a power plant on Reserve or in their traditional lands. In the former case, the First Nation will want to ensure that its traditional and treaty rights are not impeded, and will also want to ensure that the Crown properly fulfils its obligations to First Nations prior to approving the project. In the latter case, many First Nations have sought to develop partnerships with non-First Nation entities, which is often subject to its own unique challenges. The objective of this session will be to discuss the ways that First Nations have been involved in generation projects, and to also discuss methods whereby potential developers can move forward successfully with generation projects within the traditional territories of First Nations in Ontario.*

- Mike Fox, Nishnawbe-Aski Development Fund: *"The Northern Ontario resource development context"*
- Harvey Yesno, Nishnawbe-Aski Development Fund: *"The Lower Albany River and related developments"*

## Conference Program

- Robert Corbiere, Chief of the Wikwemikong Unceded Indian Reserve
- Sam Damm, CLAW Environmental Services Inc.
- Moderator: Merv McLeod, McLeod-Wood Associates

12 noon **Lunch in the Networking Centre**  
Hosted by Gowlings

1:00 pm **Charting the path forward for nuclear energy in Ontario**

- Update on the Bruce A Restart Project*
- Andrew Johnson, Bruce Power

*OPG nuclear initiatives, current and planned*

- Mark Elliott, Ontario Power Generation Inc.

*Improving the market conditions for nuclear investment*

- ◆ *The process for approval of new developments*
- ◆ *Principles for determining an appropriate allocation of risk between vendor, owner, operator, and ratepayer, including completion risk*
- ◆ *Emerging commercial / risk sharing arrangements in the US market*
- Laura A. Miller, Navigant Consulting
- Milt Caplan, MZConsulting
- Moderator: David McFadden, Gowlings

2:15 pm **Coffee break**  
Hosted by Brookfield Power

2:30 pm **Technology options for Ontario's nuclear future**

- Jerry Hopwood, Team CANDU, "The economic benefits of CANDU to Ontario"

- Armand Laferrère, Areva Canada Inc.
- William E. Cummins, Westinghouse Electric Company

### Simultaneous Green Power program

1:00 pm **Update on OPA procurement plans**

- ◆ *The Procurement Process, filed with the IPSP*
- ◆ *Summary of supply procurements to date – what's working*
- ◆ *Update on live procurements*
- ◆ *Draft schedule and timing of future procurements.*
- Jason Chee-Aloy, Ontario Power Authority
- Moderator: Mike Richmond, McMillan Binch Mendelsohn

2:15 pm **Coffee break**  
Hosted by Brookfield Power

2:45 pm **Connections, connections everywhere**

- Current issues and challenges with managing the volume and nature of generator connection applications being received by Hydro One and other distributors in Ontario*
- Bob Singh, Hydro One
  - Charles Edey, Echo Power International
  - Peter Baroutis, Toronto Hydro
  - Kristopher Stevens, Ontario Sustainable Energy Association (Moderator)

4:00 pm **APPo Annual General Meeting**  
(Members only)

## Green Power Conference

*As in previous years, there will be content related to renewable energy and green power throughout the APPo conference. The following sessions will be of particular interest to those concerned with Green Power.*

### Tuesday, November 13

- 1:00 pm Finance Panel
- 2:15 pm Clean Energy Standard Offer Program
- 3:30 pm Renewable Energy Standard Offer Program
- 4:00 pm Strengthening the sense of vision for the sector

### Wednesday, November 14

- 8:30 am Transmission Keynote and Panel
- 10:30 am First Nations Power Generation Panel
- 1:00 pm Update on Procurement
- 3:00 pm Connections, connections everywhere

*(See details for all these in the main program above)*

# Registration



**Yes, Please register me**

APPRO 2007 - 19th Annual Canadian Power Conference and Trade Show

Register online at [conference.appro.org](http://conference.appro.org)

or send by mail, fax or email:

25 Adelaide Street East, Suite 1602

Toronto, ON, M5C 3A1

fax: 416-481-5785

email: [Soraya.Rivera@appro.org](mailto:Soraya.Rivera@appro.org)

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

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20% discount for groups of 5 or more! \*

Signature: \_\_\_\_\_

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**Registration Fees:**

*Up to October 11, 2007\**

Member \$895 + GST / Non-member \$1,295 + GST

*After October 11, 2007*

Member \$1095 + GST / Non-member \$1,495 + GST

*\*To qualify for early-bird discount, registration form and payment must be received no later than October 11, 2007. Registrations received after this date may be billed at the higher rate. Group discounts apply only for individuals registering at the same time from the same company.*

Refunds will not be issued for cancellations after October 19, 2007. Cancellation fee may apply. Conference and Trade Show fees are subject to GST: #125298802.

APPRO 2007 has made arrangements with the Fairmont Royal York, 100 Front St. W, for a special conference room rate of \$179.00 for Delegates, Sponsors

and Exhibitors. You may book your room online at: [www.fairmont.com/royalyork](http://www.fairmont.com/royalyork) or by phone at: 1-800-441-1414. Please identify yourself as being with the APPRO Conference and Trade Show in order to qualify for the group rate. The cut-off date for the special APPRO 2007 rate is October 12, 2007. Reservations received after this date will be subject to availability at regular rates.

**Reduced Entry Fee Program:** Reduced rates for APPRO 2007 and the Green Power conference are available to a limited number of qualifying individuals, primarily new entrants and proponents of small generation projects. For more information see <http://www.appro.org/reducedfees.html>.

Please visit: <http://www.appro.org>

# 19th Annual Canadian Power Conference and Networking Centre

## Sponsors

APPrO gratefully acknowledges the following sponsors:

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Networking Luncheon, Day 1



Networking Luncheon, Day 2



Reception



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Mid-morning Coffee Break Day 1



Mid-morning Coffee Break Day 2



Mid-morning Coffee Break Day 2



Banquet Tables



Daybreak Coffee - Day 1



Daybreak Coffee - Day 2



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