

Power Save Series

Conservation & Demand Management in a Sustainable Energy Future Conference & Exhibit

Monday, June 11, 2012



Inspiring Innovation and Discovery

Energy
Studies
Review

Sponsored by:

Alan Thomson



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Organized by
Energy Studies Review

of McMaster University's
DeGroote School of Business

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- Reduction in overall energy consumption and reduction of peak demand at critical times of peak usage must be done in the context of sustainability and an efficient energy sector
- Furthermore, it must both serve the public interest and empower consumers and business to meet their demands for reliable energy services at the lowest cost.



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Ontario has set Conservation Targets of 1,330 MW of Demand Reduction and 6,000 GWh of Energy Savings by 2014

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What will Contribute to the Success in Reaching these Objectives

1) Technologies and a Business Plan

- new technologies both on the demand and supply side

e.g., - on demand side, advances in smart grid and 'smart devices'

- on supply side, advances in provision of renewable energy and energy storage, and using alternative cheaper and cleaner fuels

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2) Supportive Policy

- establishment of energy efficiency standards for appliances, equipment and buildings
- flexibility of programs
- creative pricing policies

3) Behavioural Response of End-Users

- with the more participatory consumer in a smart grid, are we fully accounting for the range of behavioural responses of consumers and business?

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Presentations Regarding:

- Where are we in our path to sustainability, with respect to conservation and demand management?
- Both successes and obstacles in reaching our targets.
- Relationship between sustainable energy and the sustainable business
- Ways of targeting CDM efforts to maximize results



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Presentations Regarding:

- Role of partnerships to improve delivery, efficiency and program results
- The role of legislation and government in encouraging conservation
- Role for innovative pricing and methods of financing

Presentations Regarding:

- Experience in other jurisdictions
- Benchmarking and measurement of achievements
- Future conservation and demand management opportunities



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Panel Discussion on

What's Needed to Deliver Program Efficiency and Sustainability?

- Opportunity for everyone to share their perspectives on this

Student Poster Session

Posters of students working in the area of conservation or demand management in the context of sustainability.

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