
Energy Conservation in Ontario

Shelburne Community Energy Conference

June 4, 2005

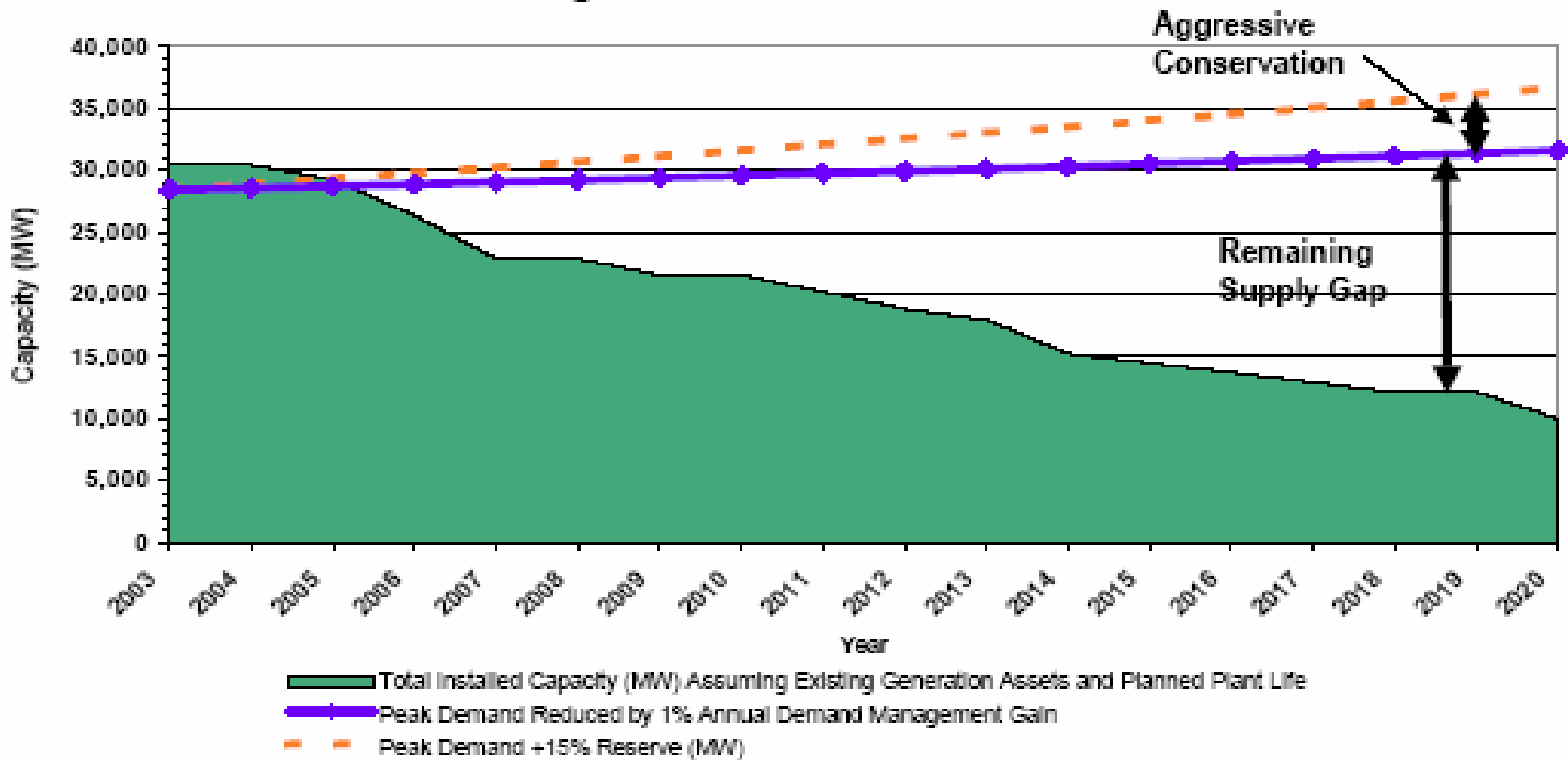
Agenda

- ↙ Electricity Supply and Demand
- ↙ Institutional Framework
- ↙ Conservation Partnerships
- ↙ Pricing
- ↙ Smart meters and other initiatives
- ↙ Reduce the Juice

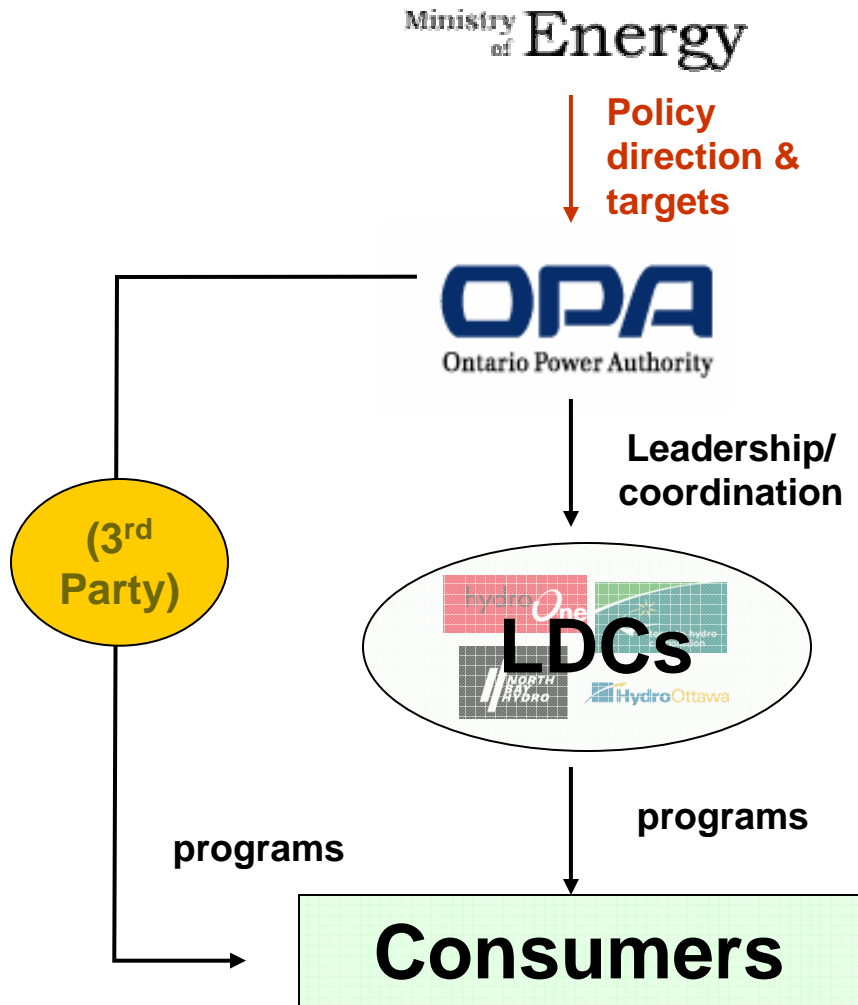


Electricity Supply and Demand

Existing Generation vs. Peak Demand



Institutional framework for conservation



Conservation Partnerships

- ◆ Health Care
 - ↙ Greening Health Care (Ontario Hospital Association)
 - ↙ Green Health Care (Conservation Authority of Greater Toronto)

- ◆ Low Income/Social Housing
 - ↙ Low income energy conservation assistance (Share the Warmth/Brantford Power)
 - ↙ Social housing energy management (Social Housing Services Corporation)
 - ↙ Low income energy conservation education (Toronto Environmental Alliance)
 - ↙ Low income strategies for utilities (Canadian Environmental Law Association)

- ◆ Schools
 - ↙ Ecoschools (York University)
 - ↙ Energy efficient schools (Toronto and Region Conservation Authority)
 - ↙ Schools for the future (Ontario Educational Services Corporation)

Conservation Partnerships (cont'd)

- ◆ Industry/Agriculture
 - ↳ Energy Audits to Farms (Energy, OMAF, OFA)
 - ↳ Demand Side Management Survey (Association of Major Power Consumers of Ontario)
- ◆ Buildings
 - ↳ Net Zero Energy Homes (Canadian Solar Industries Association)
 - ↳ Energy Star for New Homes (EnerQuality)
 - ↳ Water Heater Design Competition (Canadian Gas Association)
- ◆ Residential
 - ↳ Diversity Outreach Initiative (EnerAct)
 - ↳ 20/20 – The Way to Clean Air (Toronto Public Health)
- ◆ Small Business/Commercial
 - ↳ Cool Shops (Clean Air Foundation)

Pricing

- ◆ New regulated pricing plan (as of April 1 2005)
 - ↳ 5.0 cents/kwh for first 750 kwh
 - ↳ 5.8 cents/kwh after that

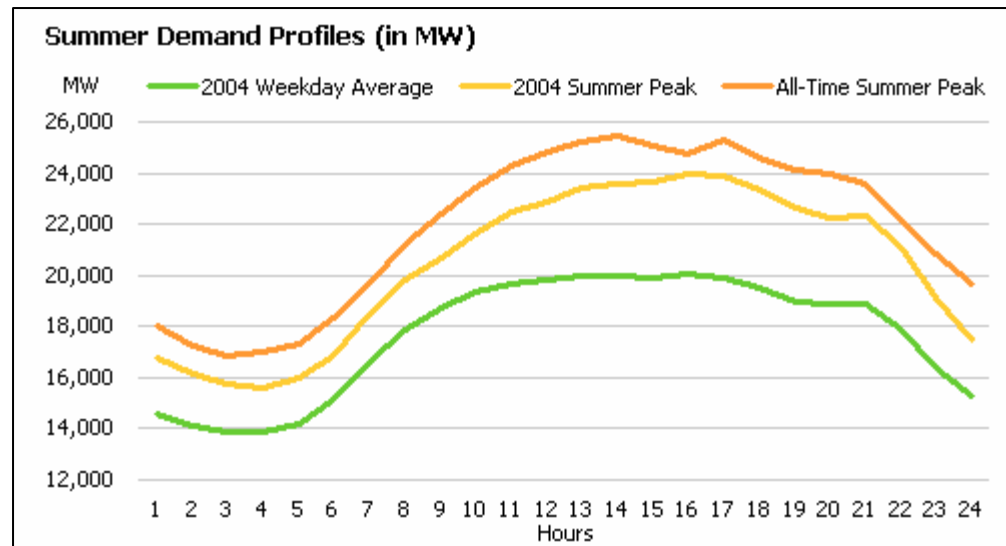
- ◆ As of November 1, 2005 – thresholds will change
 - ↳ November 1, 2005 – April 30, 2006: 1000 kwh thresholds
 - ↳ May 1, 2006 – October 31, 2006: 600 kwh thresholds





Smart meters and others

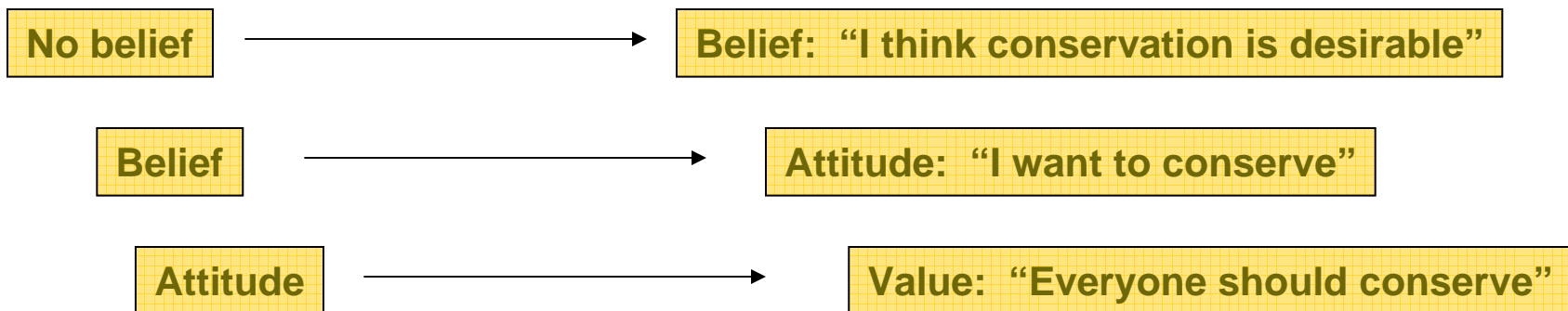
- ◆ Smart meters – government target of 800,000 by 2007; in all homes by 2010



- ◆ Energy Efficiency Act

Reduce the Juice

- ◆ Culture of waste and inefficiency
 - ↙ Price held artificially low
 - ↙ Low level of public awareness of electricity
 - ↙ Minimal understanding of environmental impacts
- ◆ Culture of Conservation
 - ↙ Long term change involves a transition from:



Thank you

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