

Tutorial & Workshop

Quantifying the T&D Benefits of **Distributed Energy in Ontario**

February 15, 2007 - Toronto, Ontario

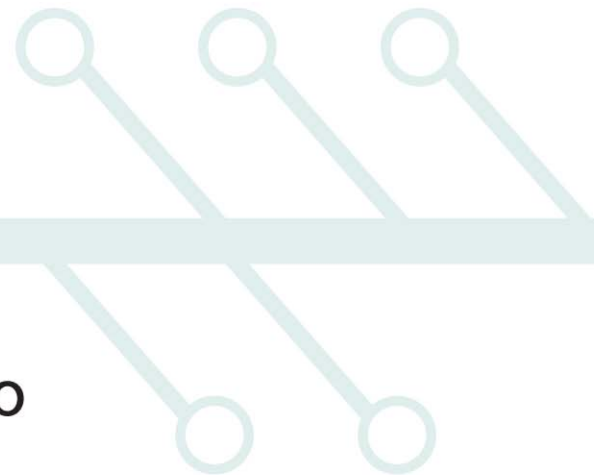


Natural Resources
Canada

Ressources naturelles
Canada



Ontario



Quantifying the T&D Benefits of Distributed Energy in Ontario

Overview of the Day's Activities
Mark Tinkler, Emerging Energy Options Inc.
Session Facilitator

AGENDA

- 8:35** Welcome and Introductory Remarks
Barry Beale, Director - Conservation and Distributed Energy Branch
Ontario Ministry of Energy
- 8:40** Workshop Context and Objectives
Chad Abbey, Project Manager – DER Grid Integration
Natural Resources Canada
- 8:55** Quantifying the T&D Benefits of DE: Needs and Opportunities in Ontario
Cliff Poyton, Manager – Clean Energy
Ontario Power Authority

Quantifying the T&D Benefits of Distributed Energy in Ontario

Overview of the Day's Activities
Mark Tinkler, Emerging Energy Options Inc.
Session Facilitator

AGENDA

9:15 – 12:15 Tutorial: Quantifying the T&D Benefits of Distributed Energy
- Perspectives from Massachusetts and California

Stan Blazewicz & Eugene Shlatz, Navigant Consulting

Charlie Salamone, Cape Power Systems Consulting

Tom Dossey, Southern California Edison

(10:40 – 11:00 Break)

12:15 – 1:15 Lunch

1:15 – 2:15 Ontario LDC Perspectives – DE activities, benefits, perceived needs

Kyle Rees, Toronto Hydro

Patrick Guran, Powerstream

Ravi Seethapathy, Hydro One

Michael Angemeer, Veridian

Kevin Whitehead, Whitby Hydro

Quantifying the T&D Benefits of Distributed Energy in Ontario

Overview of the Day's Activities
Mark Tinkler, Emerging Energy Options Inc.
Session Facilitator

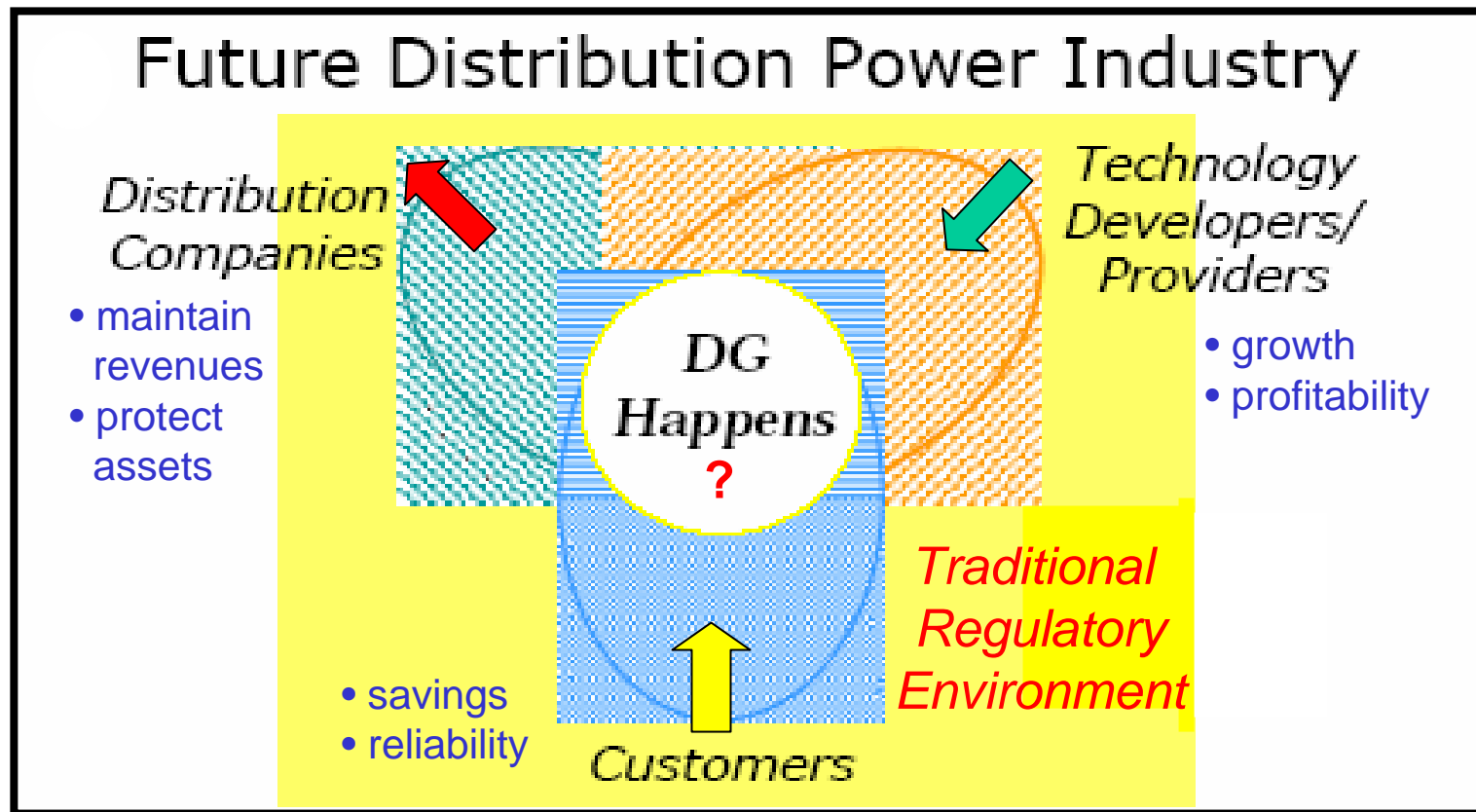
AGENDA

2:15 – 3:00 Roundtable Discussion: Breakout Sessions

3:10 – 3:30 Breakout Group Report-Back

3:30 – 4:00 Closing Discussion: *Where do we go from here?*
- next steps, actionable items, follow-on plans

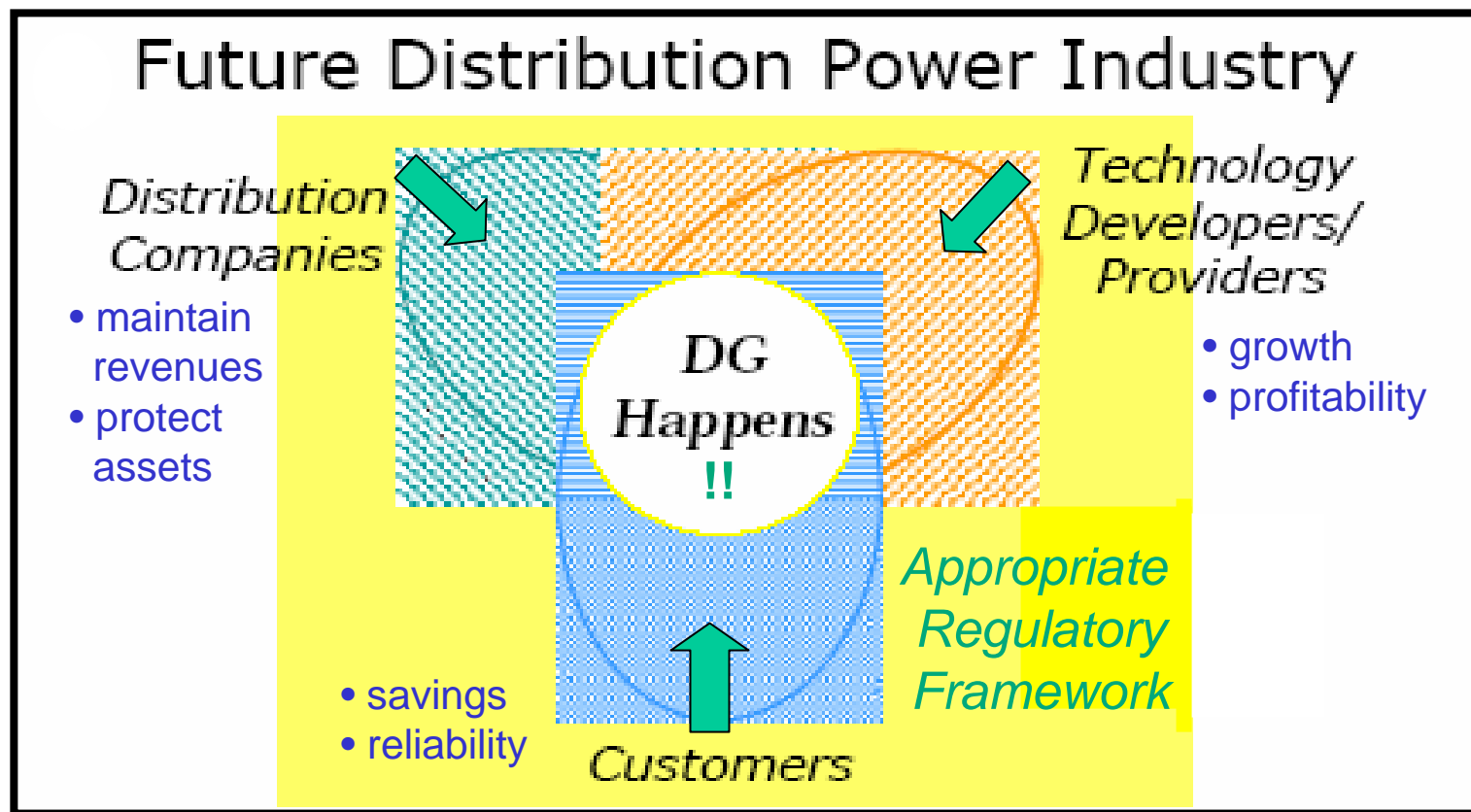
4:00 Workshop Wrap-up/Adjournment
Chad Abbey, NRCan



A new paradigm:

- Understand each other's drivers
- Work towards 'win-win-win' opportunities





R&D is needed to:

- Establish efficient tools for cost/benefit analysis
- Reduce the technology and transactional costs of DE
- Develop and verify an appropriate policy/regulatory framework



- 1 – Are the analytical tools and findings presented this morning applicable to the Ontario/Canadian situation? Similarities, differences, changes needed?
- 2 – What are the potential impacts of DE on Ontario's LDCs? How can (should?) system planners actively incorporate DE into their planning processes?
- 3 – What policy and regulatory measures are needed to support the growth of DE in Ontario/Canada, and how do we put them in place?
- 4 – To be determined, based on a “hot topic” arising over the course of the day

Common Issues:

- What are the major challenges and/or drawbacks that need to be addressed?
- How could R&D funding best be used to facilitate this process?
- Where do we go from here? What are the necessary next steps?

Tutorial & Workshop

Quantifying the T&D Benefits of **Distributed Energy in Ontario**

February 15, 2007 - Toronto, Ontario



Natural Resources
Canada

Ressources naturelles
Canada



Ontario

