Macroeconomic benefits of hydropower
Can we quantify them?

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For more information: www.hydropower.org/congress
Canadian Hydropower is Growing

• Canada’s Top 4 infrastructure projects are hydro
• Over 5 Gigawatts built over the past 10 years
• Over 5 Gigawatts approved or under construction
A Study of Jobs and Investment in the Canadian Hydropower Sector

• Released just last week

• Based on publicly available financial information from Canadian hydropower generation, transmission and distribution entities

• Statistics Canada economic input / output model

• Assessment is for year 2013 (most recent data available)
Investments and Operating Expenses in the Canadian Hydropower Sector

• Over 8 G$ in investment in 2013 in hydroelectricity infrastructure

• Over 4 G$ in expenditures on the production, transmission and distribution of hydropower

• Over 21 G$ in revenues from generation, transmission and distribution
Hydropower Contribution to the Canadian Economy in 2013

• 30 G$ contribution to Canada’s Gross Domestic Product (GDP) from investments and operations in the hydropower industry

• Hydropower supported 135,000 Jobs (direct, indirect, induced)
Future Jobs and Investments Under a Strong Canadian Hydro Growth Scenario

- 2012 to 2032 study period
- Statistics Canada input / output model
- 158 potential projects
- Approximately 29 Gigawatts (38%) increase in capacity
- Approximately 100 G$ in investment
- Up to 1 million construction jobs (Full Time Equivalents) over 20 years