



# 2008 SUSTAINABLE DEVELOPMENT PERFORMANCE

## EXECUTIVE SUMMARY

CEA and its member utilities are committed to sustainable development, as defined in the Policy for Sustainable Development — Corporate Responsibility. The overall 2008 sustainable development performance of CEA member utilities was largely positive in many areas, including reduction of air emissions, protection of biodiversity, early engagement of stakeholders and Aboriginal people, and advances in energy efficiency and conservation. However, there remain many challenges, from addressing climate change and greenhouse gas emissions to enhancing system reliability by building necessary infrastructure to replace aging assets.

### 2008 Key Performance Highlights

- CEA member companies had zero environmental non-compliance fines.
- Sixty-five percent of CEA member companies reported they have a plan in place to adapt to the impacts of climate change.
- Between 2007 and 2008, absolute gross emissions of SO<sub>2</sub>, NO<sub>x</sub> and CO<sub>2</sub> declined by 13 percent, 7 percent and 8 percent, respectively.
- While the number of spills is dependent on many factors such as weather conditions, corridor maintenance, and asset conditions, the total number of priority spills fell to an all-time low of 67 in 2008, down 37 percent from the 107 spills reported in 2007.
- Eighty-eight percent of reporting CEA members had an ISO 14001: 2004 consistent Environmental Management System in place at corporate and facility levels.

- CEA member utilities achieved an annual internal energy efficiency savings of 129 GWh and 690 GWh in demand side management.
- The Average All Injury Rate across CEA member utilities was 2.88 injuries per 200,000 hours worked (a 4.3 percent improvement over 2007), and the Accident Severity Rate was 21.10 days lost per 200,000 hours worked (a 30 percent increase over 2007).
- CEA member utilities donated over \$21 million to registered charities.
- CEA members invested \$6.4 billion to refurbish existing and build new infrastructure, including \$3.1 billion for generation, \$1.5 billion for transmission, and \$1.8 billion for distribution equipment.
- Sixty-nine percent of CEA member companies had procedures requiring early consultation or engagement of Aboriginal peoples during project planning.

### 2008 Key Challenges

- There was a marked increase in all injury severity rates. CEA members take this seriously and will put in place measures to address this in the future.
- Air emissions remain a challenge, but CEA members are committed to improving overall air emissions performance. The 15<sup>th</sup> Conference of Parties meeting in Copenhagen is expected to provide further direction on international initiatives for mitigating and adapting to climate change.