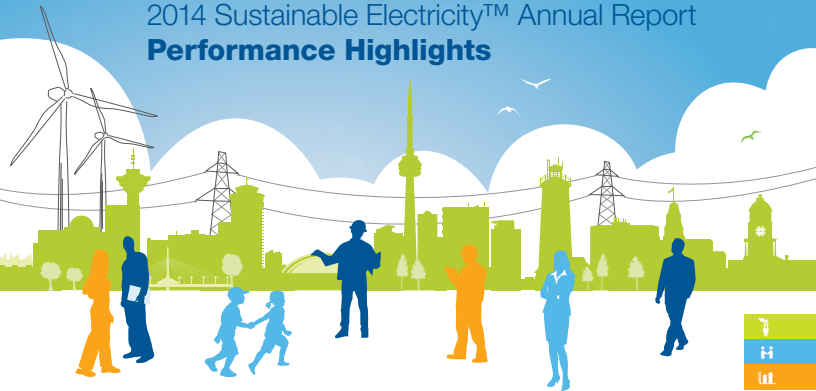


ENGAGED FOR A SUSTAINABLE FUTURE

2014 Sustainable Electricity™ Annual Report
Performance Highlights





Engaging in innovation to reduce environmental impact

ENVIRONMENTAL PRINCIPLES
Environment | Stewardship and biodiversity | Climate change

Engaging with the communities where we operate

SOCIAL PRINCIPLES
Health and safety | Workplace | Communication and engagement | Aboriginal relations

Engaging together for growth and prosperity

ECONOMIC PRINCIPLES
Economic value | Energy efficiency | Security of supply



A section of the newly-installed aerial spacer cable system along the Astoria River. Photo courtesy of ATCO Electric.



The 2013 participants from the Island Falls Hydroelectric Station High School Graduate Program. Pictured from left to right: Corey Bear, Clorissa Morin, Marianne McCallum, Reina McCallum. Picture courtesy of SaskPower.



Trevor Wareham, BC Hydro Electrician Sub-foreman, and Vlad Kositsky, BC Hydro Project Manager, inspect one of four banks of sodium-sulphur battery modules. These four banks of battery modules, linked together, create the one megawatt capacity. Photo courtesy of BC Hydro and Power Authority.

SPOTLIGHT INNOVATION TO MEET ENVIRONMENTAL REQUIREMENTS

ATCO Electric had to implement outside-the-box thinking to replace an aging six-kilometre section of distribution line to avoid impacting wildlife, water bodies, and vegetation along the rugged terrain of Jasper National Park. To address this with minimal impact, an aerial spacer cable system was installed to better withstand falling trees and reduce outages. Boatswain's chairs, helicopters, and rubber-tracked ATVs were used to help complete the work along the narrow rights-of-way; keeping environmental disturbances to a minimum.

SPOTLIGHT PARTNERING WITH ABORIGINAL COMMUNITIES

SaskPower had to find a new approach to building relationships with Aboriginal Peoples. In 2013, it implemented a new integrated approach across the company, facilitating new educational and economic opportunities for the Aboriginal Peoples touched by its operations. This renewed focus helped SaskPower sign an agreement with the First Nations Power Authority to establish a portfolio of First Nations-led generation facilities, recruit 15 full-time Aboriginal employees, and provide \$1.2 million to Aboriginal education programs across Saskatchewan.

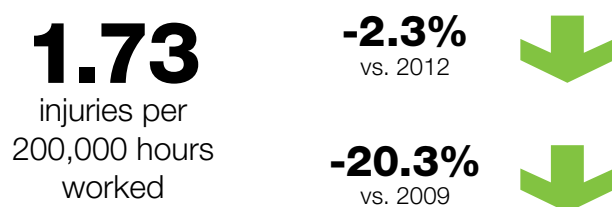
SPOTLIGHT INVESTING IN ENERGY STORAGE AND RELIABILITY

BC Hydro and Power Authority had to find a way to provide reliable power to the small remote community of Field, located within the confines of Yoho National Park. With funding from Natural Resources Canada's Clean Energy Fund, BC Hydro installed a new state-of-the-art battery energy storage facility that can store energy produced by renewable energy sources and discharged to help meet Field's electricity needs for up to seven hours in the event of an outage. This is a critical step toward large-scale integration of storage into the electrical grid, giving utilities new insights on how to store energy from intermittent and renewable sources.

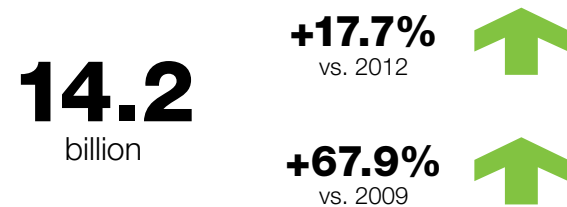
Carbon dioxide equivalent (CO₂eq) emissions



All injury/illness frequency rate



Total investments in new and refurbished infrastructure



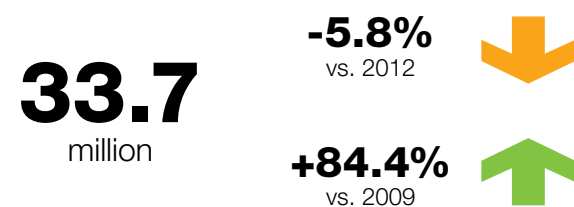
Sulphur dioxide (SO₂) emissions



CEA members with a process for responding to stakeholder concerns



Value of charitable donations and community investments



Green indicates neutral or improved performance and orange indicates decreased performance.





Get more insight by downloading the full report at
www.SustainableElectricity.ca.



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