

For immediate release

Bruce Power and Asthma Society of Canada release Emissions Report

TIVERTON, ON – Nov. 25, 2014– Bruce Power and the Asthma Society of Canada have released a co-authored report on Ontario’s improved air emissions, which outlines the important role Bruce Power nuclear plays in meeting the province’s climate change targets while improving air quality for Ontario’s most vulnerable residents.

‘Clean Air Ontario’ outlines the impact of the world’s reliance on greenhouse gas-heavy energy sources such as coal, which have contributed to poor air quality and poor human health. Ontario’s success in shutting down coal plants – mainly through the refurbishment of Bruce Power Units 1-4 over the past decade – is an example of how jurisdictions can meet energy demands while improving human health and quality of life.

In the 1990s, when Bruce A’s four nuclear units were shut down by the former Ontario Hydro, coal-fired generation rose from 12 per cent in 1995 to 29 per cent of the province’s energy supply mix in 2000. This resulted in a high number of summer smog days and increased lung-health problems, including asthma exacerbations.

“The return of carbon-free nuclear electricity generation has meant significantly fewer summer smog days in the Greater Toronto Area since 2005, when the area experienced 48 such days, as compared to none in 2014,” said Dr. Rob Oliphant, President and CEO, Asthma Society of Canada. “Ontario’s improved air quality correlates with the province’s increased reliance on Bruce Power’s carbon-free nuclear energy and the phasing out of coal. Every step we take towards a cleaner electricity supply mix and a reduced reliance on fossil fuels for energy and transportation, the better the air quality in the province. As we reduce carbon emissions with the help of Bruce Power, we increase the quality of life for our residents, especially those who suffer with asthma.”

Duncan Hawthorne, Bruce Power’s President and CEO, said clean, reliable and carbon-free nuclear energy is integral to the future of Ontario’s electrical system.

“Over the past 11 years, Bruce Power has invested over \$7 billion in its eight reactors to ensure the province has access to reliable and carbon-free nuclear power,” Hawthorne said. “This has allowed the province to end its dependency on coal, which has resulted in cleaner air and healthier communities for our families.”

To read *Clean Air Ontario* visit <http://www.asthma.ca/>.

About Bruce Power

Bruce Power operates the world’s largest operating nuclear generating facility and is the source of

roughly 30 per cent of Ontario's electricity. The company's site in Tiverton, Ontario is home to eight CANDU reactors, each one capable of generating enough low-cost, reliable, safe and clean electricity to meet the annual needs of a city the size of Hamilton. Formed in 2001, Bruce Power is an all-Canadian partnership among Borealis Infrastructure Management (a division of the Ontario Municipal Employees Retirement System), TransCanada, the Power Workers' Union and the Society of Energy Professionals. A majority of Bruce Power's employees are also owners in the business.

About the Asthma Society of Canada

The Asthma Society of Canada (ASC) is a national, charitable, volunteer-supported organization solely devoted to enhancing the quality of life and health for people living with asthma and associated allergies through education and research. Since its inception in 1974, the ASC provides a variety of asthma education and awareness programs, funds many research projects (to gain a better understanding of the disease and how it can be better managed) and has gained a reputation for providing high-quality asthma education and information to Canadians.

For further information, please contact:

John Peevers	519-361-6583	john.peevers@brucepower.com
Noah Farber	416-787-4050 x100	noah@asthma.ca