



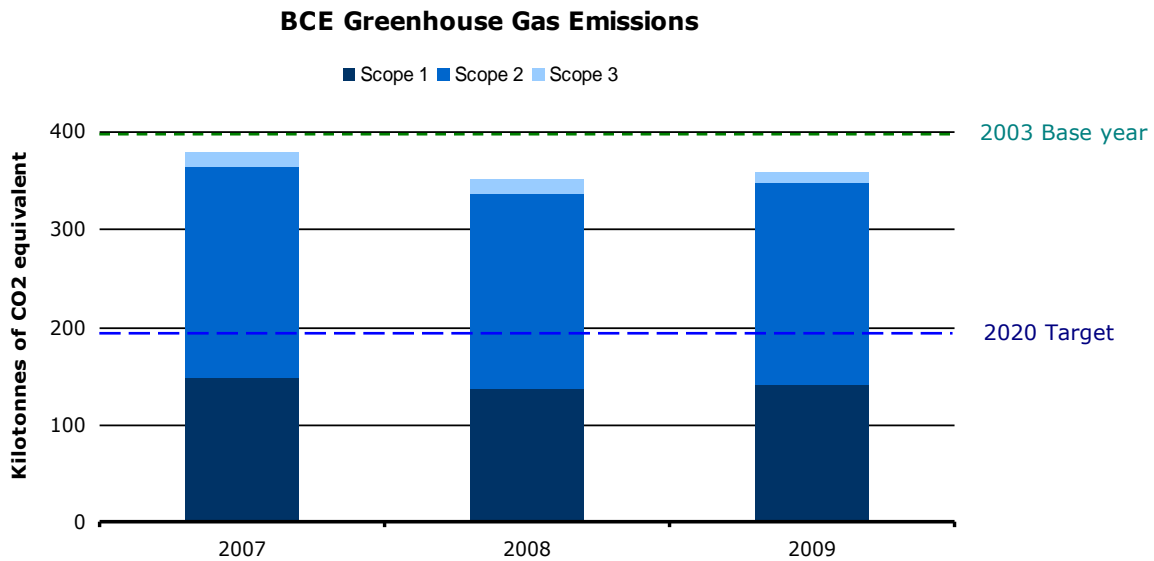
GREENHOUSE GAS EMISSIONS – 2009 REPORT

Addendum to the BCE Inc. 2009 Corporate Responsibility Report

Our performance

Our greenhouse gas emissions are measured yearly following the WRI-WBCSD Greenhouse Gas Protocol and has been externally verified by Golder Associates Ltd. according to the ISO-14064 standard.

In 2009, our GHG emissions increased by 2% over 2008, but were 10% less than the base year of 2003.



Our new Target: To reduce our GHG emissions by 198 kilotonnes (50% under 2003), by the end of 2020.

The following tables provide the detailed results for the last three years:

BCE 2009 Greenhouse Gas Emissions

	2007	2008	2009	Variation 2009/2008
Scope 1				
Vehicle fleet	99,892	98,390	96,110	-2%
Fossil fuels for buildings and generators	31,638	29,555	35,266	19%
Cooling systems (HFCs)	16,255	8,687	9,460	9%
Total Scope 1	147,785	136,632	140,837	3,1%
Scope 2				
Electricity for network, heating, cooling & lighting buildings	214,973	198,513	205,863	3,7%
Total Scope 2	214,973	198,513	205,863	3,7%
Scope 3				
Air Travel - Domestic Haul	966	856	849	-1%
Air Travel - Long Haul	3,950	3,759	3,780	1%
Air Travel - Medium Haul	4,713	4,108	2,349	-43%
Rail Travel	438	396	208	-47%
Vehicle rentals & employee vehicles for company business	4,986	5,052	3,563	-29%
Total Scope 3	15,053	14,170	10,749	-24%
Total	377,811	349,315	357,449	2%

Energy consumption results (Scope 1 and 2)

Energy consumption (GWh)	2007	2008	2009
Electricity for network, heating, cooling & lighting buildings	966	977	1,009
Fuel for buildings and generators	450	443	458
Fuel for vehicle fleet	409	401	391
Total	1,825	1,821	1,858

Analysis

Increases related to electricity consumption (scope 2) and to fuel consumption for buildings and generators (scope 1) in 2009 are mainly explained by the growth in our telecom network and a colder winter period.

The following initiatives contributed to minimize our energy consumption and reduce GHG emissions:

- Using automatic light and heat controls in our buildings as well as optimizing the efficiency of our cooling and humidification systems such as Deep Water cooling in Ontario creating savings of 3.2 millions of kWh.
- Lowering thermostats on generators helped save 1 millions of kWh in 2009 and will create up to 2.7 millions of kWh saving at the end of this program.
- Adjusting the controls or replacing equipment with more efficient ones such as Variable Speed Drives in several sites has provided savings of about 1.7 millions of kWh.

- Installing new and more efficient rectifiers in our telecommunication network, savings 5.7 millions kWh of electricity.
- Using virtualization to improve efficiency and optimize server installations and energy consumption growth, creating savings of 2.1 millions of kWh.
- Implementing innovative energy solutions such as wind turbines, solar panels and using cleaner power from utilities.
- Acquiring 1,900 more energy-efficient and smaller vehicles for our fleet.
- Adopting eco-driving behaviours and implementing telematics on 4,500 vehicles to optimize routes and maintenance and to lower fuel consumption in the company fleet.

Initiated in 2008, employees from across Bell formed an Energy Board to find new ways to save energy in the company's day-to-day operations. Their work was pursued in 2009 and focused on reducing fuel consumption by Bell vehicles, using innovative communication services to cut business travel, using efficient systems and equipment, and adopting energy efficient work habits.

Initiatives Using ICT Solutions

Teleconferencing services, telematics, server virtualisation, electronic billing and teleworking are all solutions that can rapidly produce, and at minimal costs, very significant environmental, social and economic benefits at national level.

Our own experience shows it works!

- In 2009, we were successful in reducing by 24% (3,400 tonnes) the indirect emissions from employee travel through our collective effort to reduce business travel costs and increasing use of teleconferencing, videoconferencing and online collaboration tools.
- 16.4% of all bills produced by Bell in 2009 were electronic, which resulted in an approximate saving of 26,000 trees and the emission of 3,200 tonnes of GHG related to the production of paper.
- Working from home help Bell employees save about 110 million kilometres a year in commuting and up to 20,000 tonnes of GHG emissions
- Our conferencing solutions enabled GHG emission estimated savings of the equivalent of 744,000 tonnes of carbon dioxide, about what would be eliminated by taking more than 174,000 mid-sized cars off the road for a year.
- The application of virtualization principles and consolidation strategies allowed Bell to shut down 14 server farm sites (about 650 servers mostly in Ontario), in 2009. This significantly reduced capital requirements and will contribute to annualized savings of 1.75 million kilowatt hours (kWh) and 385 tonnes of GHG.
- In 2009, telematics helped Bell save 344,000 litres of fuel, which saved 825 tonnes of GHG.

We recognise that increasing the use of ICT services may entail an increase of our own energy consumption. However, according to WWF-Canada, GHG reductions that could be enabled by ICT solutions in the wider economy are approximately 10 times larger than the emissions produced by the ICT sector. Learn more and read the WWF-Canada report [Innovating toward of low carbon Canada: using technology to transform tomorrow.](#)

Note: Bell was recognized for the third year in a row in 2009 as a **Climate Disclosure Leader** by the Carbon Disclosure Project and the Conference Board of Canada.