

Energy savings

Although we have already taken advantage of the biggest savings opportunities, our Real Estate, Media, IT, Network, Mobility, Northwestel and Fleet teams continue to look for ways to make Bell even more energy efficient. Here is how we achieved electricity and fuel savings last year, which helped reduce associated greenhouse gas (GHG) emissions.

Electricity savings

	2019 ELECTRICITY SAVINGS INITIATIVES	COST SAVINGS (\$ 000)	ELECTRICITY SAVINGS (GWH)
Buildings	<ul style="list-style-type: none"> Add free cooling systems to reduce the need for mechanical cooling Implement conversions to LED lighting Re-commission HVAC and buildings controls De-commission servers Obtain provincial utility subsidies Improve management of energy demands resulting in reduced electricity fees 	6,525	5.45
Networks	<ul style="list-style-type: none"> De-power DMS switch Modernize rectifiers De-power or modernize legacy equipment 	1,128	9.25
Data centres and IT	<ul style="list-style-type: none"> Consolidate, optimize and virtualize servers 	597	5.24
Bell Mobility Network	<ul style="list-style-type: none"> Transition HVAC with refrigerants to free cooling Implement energy saving software features 	645	4.75
TOTAL SAVINGS		8,895	24.69

Fuel savings

2019 FUEL SAVINGS INITIATIVES		COST SAVINGS (\$ 000)	FUEL SAVINGS (LITRES)
Vehicle fleet	• Replace older vehicles with new, more fuel-efficient models	328	295,400
	• Use hybrid vehicles, which are much more fuel-efficient than equivalent gas only vehicles	11	9,400
TOTAL SAVINGS		339	304,800

Greenhouse gas (GHG) emissions reduction

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2019 ENERGY SAVINGS INITIATIVES	GHG EMISSIONS REDUCTION (TONNES OF CO ₂ EQUIVALENT)
Electricity	2,430
Fuel	710
TOTAL GHG EMISSIONS REDUCED IN PERIOD	3,140