Electricity savings

Although we've already taken advantage of the biggest savings opportunities, our Real Estate, IT, Network, Mobility and Field Services teams continue to look for ways to make Bell even more energy efficient. Here's how we achieved electricity savings last year.

	2015 ENERGY SAVING INITIATIVES	COST SAVINGS	ENERGY SAVED (GWH)
Buildings	• Free cooling: Modified systems to reduce the need for mechanical cooling, • Lighting improvement: Implemented conversions to LED. • Systems re-commissioning: Updated settings, calibration, scheduling and operating sequences to improve equipment efficiency and reduce building energy consumption • Subsidies from provincial utilities • Improved management of energy demand reduced electricity fees	$4,655,303	18.25
Network (Wireline+Wireless DC Load)	• Modernized power equipment resulting in recurring yearly OPEX savings of 2.4 million kWh of hydro • Removed or de-powered legacy equipment sites resulting in recurring yearly OPEX savings of 4.4 million kWh of hydro.	$819,349	6.83
Data Centre—IT (UPS Load)	• Removed the equivalent of 918 devices by consolidation, optimization and virtualization of servers • Through consolidation and virtualization, we optimized 63% of our physical servers, up from 58% at year-end 2014. In 2015, 90% of the servers deployed within our Internal IT architecture were virtual.	$274,000	3.66
Bell Mobility Network Electricity	• Improved efficiencies in free cooled shelter programs and took advantage of provincials subsidies.	$445,000	0.73
TOTAL SAVINGS		**$6,193,652**	**29.47 (GwH)**