

Energy and GHG reduction initiatives

Initiative	Description	Estimated Annual Energy Reduction (kWh/yr.)	Estimated Annual GHG Reduction (tonnes CO ₂ e/yr.)	Estimated Cost/Investment	Estimated Cost Savings
Mt. Laurel Campus Performance Contract, NJ	Heating, ventilation and cooling, lighting and vending improvements in three buildings.	4,613,905	3,319	\$3,473,224	\$592,106
Canadian Retail	LED exterior signage at our Canadian retail locations.	3,959,664	1,113	\$3,549,955	\$475,160
US Retail	Lighting upgrades, programmable thermostats, water heater set points.	350,193	199	\$21,485	\$54,630
Solar Panels	1.64 megawatts of installed solar capacity spanning over 94 sites across North America.	1,640	620	\$14,564,000	\$406,019
Data Centres	Our new LEED Platinum data centre boasts 235 kWh of solar power generation to reduce our energy use.	5,000,000	550	\$1,070,119	\$41,148
Server Virtualization and Storage Optimization	We improved our server virtualization and storage optimization programs to further reduce space occupied and energy usage.	26,976,000	2,967	\$4,000,000	\$2,657,600
PC Power Management	Since 2009, PC power management has avoided 27 million kWh (equivalent to 2,975 metric tonnes of CO ₂ e).	6,000,000	660	\$50,000	\$780,000
Thin Clients	TD has installed 1,700 thin-client devices to replace desktop and laptop PCs. These units use ~7 watts of energy, significantly less than the standard desktop.	542,000	60	\$2,000,000	\$70,460
Printer Reduction	TD removed 600 printers in fiscal 2013.	165,000	18	\$652,000	\$21,450
Video-Conferencing	In 2013, we increased our telepresence endpoints from 60 to 94.	3,400,000 Kms	1,339	\$250,000	\$2.16MM

