

Halifax Regional School Board 'Lights Off. Green On!' EPC

Address ([Map](#)): 33 Spectacle Lake Dr, Dartmouth, Nova Scotia B3B 1X7 Canada
 Sector: Educational Delivery Type: Energy Performance Contract
 MCW Office: Halifax
 Sub Categories: Elementary School, Secondary School



Project Initiated In:
2013

Project Cost:
\$34,000,000

Scope of Project:
90 Buildings - 4.7 Million Square Feet

Annual Energy Savings:
\$2,500,000

Project Description

An energy conservation and retrofit project's true success can be gauged when the impact it has on the world doesn't begin and end with the immediate impact of the retrofits in the facilities, but extends to our collective cultural values and habits. That's why MCW is particularly proud of our Energy Performance Contract with the Halifax Regional School Board. Not only does the project include implementing energy conservation measures and guaranteeing energy savings in 90 P-12 schools, it also features one of our most well-developed energy awareness & engagement solutions: 'Lights Off. Green On!' This awareness & engagement program is particularly special because of who leads the participation factor; not the school board's administrators, or its teachers – it's the P-12 students themselves – the next generation who will lead us towards a greener future.

Project Highlights:

- Educational energy conservation dashboard displays in schools that both show the school's energy performance and provide tips to help conserve energy
- Fuel oil to natural gas conversions in older schools where aging oil-based systems were also replaced, greatly reducing the carbon footprint and GHG emissions in those schools
- Select boiler retrofits from conventional fuel to renewable biomass-fired boilers
- Building automation systems with BACNet integration
- LED exterior lighting and extensive LED interior lighting
- Board-wide energy metering information systems