



Over the next two weeks, TRCA will announce the Top Ten Energy Performing Boards in Ontario, a result of analysis of publicly available school board energy use data for the 2012-2013 school year. We invite you to follow the Sustainable Schools Twitter account (@SusSchoolCan) and the #TopONSchBdsEnergy hashtag as the top ten boards are revealed, one by one, starting on June 1st. We're happy to announce that #8 Energy Performing Board in Ontario is Ottawa-Carleton District School Board, with an estimated total energy savings potential of 22.7%.

#8 – Ottawa-Carleton District School Board

133 Greenbank Road Ottawa ON K2H 6L3

www.ocdsb.ca

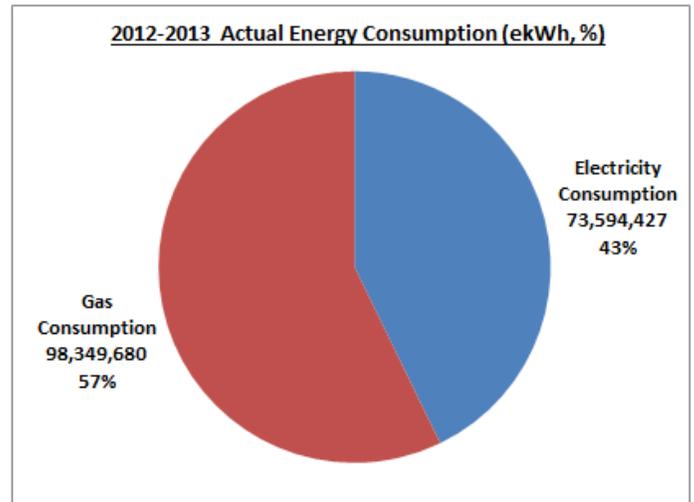
Profile	
Secondary Schools	31
Elementary Schools	117
Administration Buildings	2
Total Building Area	11,095,515 SqFt

Actual Energy Intensity, 2012-2013 School Year	
Electricity	6.6 ekWh/SqFt
Gas	9.2 ekWh/SqFt
Total Energy Intensity	15.8 ekWh/SqFt

Weather-normalized to Toronto Pearson Int'l Airport



Conservation Potential	
Electricity	13.9%
Gas	29.3%
Total	22.7%



Some of the board's top energy performing schools include:



West Wind Elementary School

Actual Energy Intensity, 2012-2013 School Year	
Electricity	7.2 ekWh/SqFt
Gas	4.0 ekWh/SqFt
Total Energy Intensity	11.2 ekWh/SqFt

Weather-normalized to Toronto Pearson Int'l Airport



Bell High School

Actual Energy Intensity, 2012-2013 School Year	
Electricity	5.7 ekWh/SqFt
Gas	6.8 ekWh/SqFt
Total Energy Intensity	12.5 ekWh/SqFt

The above information is based on 2012-2013 school year data provided by the board to the Ministry of Energy as per Ontario Regulation 397/11. For more information on methodology, please see [Ontario's Top Energy Performing Boards: Methodology White Paper](#) presentation.

The Sustainable Schools program assists school boards in evaluating their energy performance, monitoring progress, and providing the tools required to make substantial and lasting improvements. Since 2007, Sustainable Schools has been reporting on the top performing schools across Canada, establishing the magnitude of energy savings potential and directing them to where these savings can be found.

Q and A with Ottawa Carleton DSB

Q What has been the biggest factor impacting your energy performance?

A The top 3 items that have contributed to our success are lighting retrofits, building automation upgrades and occupant behavior.

Q How would you grade your board, senior, and staff level support in this effort?

A Over the past 15 years we have had strong support from trustees and senior management. This has been reflected in budgetary support that has allowed investments in equipment, preventative maintenance and training. We have also seen strong support from principals and teachers who see the obvious linkages to modelling stewardship and sustainability for students. Everyone is also aware that the financial savings, are allocated to direct student support

Q Do you benchmark your schools against each other?

A We Benchmark our schools regularly to identify the top performers from which draw design cues, performance changes to quantify upgrade initiatives, and the poor performers to help prioritize our re-commissioning efforts.

Q Do you have an Energy Management Plan?

A For the last 5 years the OCDSB has had an annual plan that is brought to the Board for approval. It allows us to highlight work done to date and its impact, as well as the work to be done in both the short and medium term

Q Is energy conservation training provided to your staff/operators?

A variety of training has been offered to ensure that staff understand how their building systems operate and have the awareness to identify potential improvements.

Q Do you feel most of your energy saving has been achieved operationally or through retrofit?

A At this point we would estimate that 2/3 of the savings have been achieved through retrofit and the other 1/3 through occupant behavior.

Q Do you engage staff and students on energy conservation?

<https://twitter.com/SusSchoolCan>
<http://sustainable-schools.trca.info/>

TECHNICAL
DIRECTION BY:



SUSTAINABLE SCHOOLS
MANAGED BY:





A Occupant behavior remains a key factor in our energy conservation efforts. Over the last 4 years, we have 92 of our schools certify in the EcoSchool program. Live display for electricity use are installed in schools to raise occupant awareness. Information on electricity generation from solar system is also available and is linked to curriculum.

Our Environmental Education Committee, which includes, facilities staff, curriculum services staff, and a Trustee has also been a key player in spreading the news and improving student and staff engagement