

Renewable Energy	Define	Number of systems in asset portfolio	Total size (kW)	Total number of ekWh generated annually	Actual or Estimated Generation (ekWh)
Solar photovoltaic					
Solar air					
Solar water					
Wind Turbine					
Biomass					
Other					

Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Total Accumulated Energy Savings (ekWh)
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	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
	-	\$ 5,000	4,938	\$ 5,000	4,938	\$ 5,000	4,938	\$ 5,000	4,938	\$ 5,000	4,938	49,383
\$ 1,500	2,222	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	11,111
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2013-14		2014-15		2015-16		2016-17		2017-18		2013/14-2017/18		
Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Total Accumulated Energy Savings (ekWh)
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\$ 10,000	1,583	\$ 10,000	1,583	\$ 10,000	1,583	\$ 10,000	1,583	\$ 10,000	1,583	\$ 10,000	1,583	23,749
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2013-14		2014-15		2015-16		2016-17		2017-18		2013/14-2017/18		
Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Total Accumulated Energy Savings (ekWh)
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2013-14		2014-15		2015-16		2016-17		2017-18		2013/14-2017/18		
Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Total Accumulated Energy Savings (ekWh)
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\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
\$ -	-	\$ 25,000	5,815	\$ 25,000	5,815	\$ 25,000	5,815	\$ 25,000	5,815	\$ 25,000	5,815	58,150
\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-

Energy Payback Period	% related to Electricity	% related to Natural Gas
7.5	100	0
5	100	0
7.5	100	0
5	100	0
5	100	0
0		100

Energy Payback Period	% related to Electricity	% related to Natural Gas
15	5	95
10	5	95
5	5	95
40	100	0
8	20	80
7.5	50	50
75	50	50
30	50	50
10	15	85
100	100	0
15	100	0
5	75	25
5	50	50
5	50	50
0		100

Energy Payback Period	% related to Electricity	% related to Natural Gas
15	50	50
15	50	50
0		100

Energy Payback Period	% related to Electricity	% related to Natural Gas
80	20	80
40	20	80
200	20	80
80	20	80
10	20	80

Operations and Maintenance Strategies

Policy and Planning	Quantity of Time that Measure will be in place (years)	2013-14		2014-15		2015-16		2016-17		2017-18		2013/14-2017/18
		Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	
New school design/construction guidelines and specifications	5	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
Day and Night Temperature Guidelines for all Schools	10	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
Night time blackout of sites	Interior	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
	Exterior	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
Procures only Energy Star certified appliances	5	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
Daylight Harvesting (servicing)	3	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
Demand Ventilation (servicing)	3	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
Other (Describe)		\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
Energy Audits	Quantity of Time that Measure will be in place	2013-14		2014-15		2015-16		2016-17		2017-18		2013/14-2017/18
		Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	
Walk Through Audit	5	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
Engineering Audit	5	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
Sytem Wide Energy Awareness	5	2,000	59,835,453	2,000	59,835,453	2,000	59,835,453	2,000	59,835,453	2,000	59,835,453	897,531,788
Real Time Monitoring	Quantity of Time that Measure will be in place	2013-14		2014-15		2015-16		2016-17		2017-18		2013/14-2017/18
		Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	
Real-time energy data for operators to identify and diagnose building issues	5	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
Other (Describe)		\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
Operations and Maintenance Strategies Total		\$ 2,000	59,835,453	\$ 2,000	59,835,453	\$ 2,000	59,835,453	\$ 2,000	59,835,453	\$ 2,000	59,835,453	897,531,788

\$0.135 = cost of 1 ekWh electricity
 \$ 0.0334 = cost of 1 ekWh natural gas
 0.0955 m³ = 1 ekWh
 \$0.35 = cost of 1 m³ of natural gas

Energy Payback Period	% related to Electricity	% related to Natural Gas
5	50	50
5	20	80
7	100	0
7	100	0
5	100	0
5	100	0
5	50	50
0		100

Energy Payback Period	% related to Electricity	% related to Natural Gas
1000	50	50
1000	50	50
0		100

Energy Payback Period	% related to Electricity	% related to Natural Gas
3	80	20
0		100

Occupant Behaviour Strategies												
Training and Education	Quantity of Time that Measure will be in place (years)	2013-14		2014-15		2015-16		2016-17		2017-18		2013/14-2017/18
		Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Total Accumulated Energy Savings (ekWh)
Building Operator Training	3	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
NRCan Benchmarking Program	5	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
Building Automation Training (site specific)	3	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
Ongoing training and awareness programs for energy conservation	5	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
Provide detailed information on Building Operational costs	1	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
Provide detailed information on energy consumption (e.g. via the Utility Consumption Database or other database)	1	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
Participate in environmental programs, such as EcoSchools, Earthcare	1	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
Other tools (Define)		\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
Occupant Behaviour Strategies Total		\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-

Energy Payback Period	% related to Electricity	% related to Natural Gas
3	60	40
1000	50	50
1	60	40
10	90	10
1000	50	50
5	90	10
0		100

\$0.135 = cost of 1 ekWh electricity
 \$ 0.0334 = cost of 1 ekWh natural gas
 0.0955 m³ = 1 ekWh
 \$0.35 = cost of 1 m³ of natural gas

Conservation Goal

	FY2013
Total Building Area (includes portables) (m ²)	213,095,04
Total Building Area (includes portables) (ft ²)	2.303.347.72
Energy Consumption for the board (ekWh)	19.717.987.7

Enter from UCD - use square meters
 Enter from UCD - use square feet
 Enter from UCD

1 ft² = 0.0929 m²

	2013-14		2014-15		2015-16		2016-17		2017-18		2013/14-2017/18
	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Total Accumulated Energy Savings (ekWh)
Appendix B; Design, Construction and Retrofit Strategies Total	\$ 11,500	3,806	\$ 40,000	12,337	\$ 40,000	12,337	\$ 40,000	12,337	\$ 40,000	12,337	142,394
Appendix C; Operations and Maintenance Strategies Total	\$ 2,000	59,835,453	\$ 2,000	59,835,453	\$ 2,000	59,835,453	\$ 2,000	59,835,453	\$ 2,000	59,835,453	897,531,788
Appendix D; Occupant Behaviour Strategies Total	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	0
TOTAL	\$ 13,500	59,839,258	\$ 42,000	59,847,789	\$ 42,000	59,847,789	\$ 42,000	59,847,789	\$ 42,000	59,847,789	897,674,181
Percentage reduction		#VALUE!		#VALUE!		#VALUE!		#VALUE!		#VALUE!	#VALUE!
Conservation Goal (ekWh/m ²)		#VALUE!		#VALUE!		#VALUE!		#VALUE!		#VALUE!	#VALUE!
Conservation Goal (ekWh/ft ²)		#VALUE!		#VALUE!		#VALUE!		#VALUE!		#VALUE!	#VALUE!

Check this total to confirm validity of estimated amount to be spent during that year

Check this total to confirm validity of estimated amount to be spent during that year

Check this total to confirm validity of estimated amount to be spent during that year

Check this total to confirm validity of estimated amount to be spent during that year

Check this total to confirm validity of estimated amount to be spent during that year