		Number of systems	Total size	Total number of ekWh	Actual or Estimated
Renewable Energy	Define	in asset portfolio	(kW)	generated annually	Generation (ekWh)
Solar photovoltaic					
Solar air					
Solar water	Solar Thermal DMHW	2	10.53	4512	4512
Wind Turbine					
Biomass					
Other					

		201	3-14	201	4-15	201	5-16	201	6-17	201	7-18	2013/14-2017/18
Lighting	Quantity of Time that Measure will be in place (years)	Estimated Cost of	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)
High Efficiency Lighting Systems (T-8, T-5, CFL, LED)	15	\$ 500,000	493,827	\$ 1,180,000	1,165,432	\$ 100,000	98,765	\$ 100,000	98,765	\$ 100,000	98,765	7,723,457
Daylight Sensors	10	\$ -	Value (Value)	\$ -		\$ -		\$ -		\$ -		
Outdoor Lighting	15	\$ -		\$ -		\$ -		\$ -		\$ -		
Occupancy Sensors	10	\$ -		\$ -		\$ -		\$ -		\$ -		
Daylight Harvesting	10	\$ -		\$ -		\$ -	Control of the re-	\$ -	THE STATE OF THE S	\$ -		- 1
Other (Describe)		\$ -	Challenger - 1	\$ -	A TO A PROPERTY OF	\$ -		\$ -		\$ -		THE PROPERTY LAND
		201	3-14	201	4-15	201	5-16	201		201	.7-18	2013/14-2017/18
HVAC	Quantity of Time that Measure will be in place	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)
Efficient Boilers (near condensing)	30	\$ 2,150,000	3,722,581	\$ 1,950,000	3,376,295	\$ 2,000,000	3,462,866	\$ 1,000,000	1,731,433	\$ 1,000,000	1,731,433	47,700,982
High Efficiency Boilers (condensing)	15	\$ -		\$ -		\$ -		\$ -		\$ -	Salaring Co. S. Co.	
High-efficiency boiler burners	10	\$ -		\$ -		\$ -	Company of the	\$ -		\$ -		The same of the sa
Geothermal	15	\$ -		\$ -		\$ -	1000-4	\$ -		\$ -		100 (0.00) (0.00)
Heat recovery/enthalpy wheels	30	\$ -		\$ -		\$ -		\$ -		\$ -		Park registration
Economizers	15	\$ -	Carlo Carlo Carlo	\$ -		\$ -		\$ -		\$ -		
Energy efficient HVAC systems	30	\$ 1,500,000	237,494	\$ 1,137,000	180,021	\$ 1,500,000	237,494	\$ 1,500,000	237,494	\$ 1,500,000	237,494	3,332,52
Energy efficient Rooftop units	15	\$ -		\$ -		\$ -		\$ -		\$ -		
High Efficiency Domestic Hot Water	15	\$ -		\$ -		\$ -		\$ -	医神经 人名克里亚	\$ -		
Efficient Chillers and Controls	25	\$ 1,000,000	74,074	\$ -		\$ 500,000	37,037			\$ -		481,48
High-efficiency motors	20	\$ -		\$ -		\$ -		\$ -		\$ -		
/FD	15	\$ -		\$ -		\$ -		\$ -		\$ -		
Demand Ventilation	10	\$ -		\$ -	的对象 //CFG	\$ -		\$ -		\$ -		
Entrance Heater Controls	20	\$ -		\$ -		\$ -		\$ -		\$ -		and the last
Other (Describe)		\$ -		\$ -		\$ -		\$ -	-	\$ -	1	
Controls	Quantity of Time that Measure will be in place	WOODS NOT THE THE TAXABLE PARTY OF THE TAXABLE PARTY.	Estimated Annual Energy Savings from all projects	Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects	Estimated Cost of Implementation		Estimated Cost of Implementation	6-17 Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of	Estimated Annual Energy Savings from all projects (ekWh)	2013/14-2017/18 Estimated Total Accumulated Energy Savings (ekWh)
	10	<u> </u>	(ekWh)	<i>*</i>	(ekWh)	ć	(ekwn)	\$ -	(ekwn)	Ċ	(ekvvn)	(ekvii)
Building Automation Systems - New	10	\$ -	197,912	\$ 585,000	463,114	\$ 300,000	237,494	\$ 300,000	237,494	\$ 300,000	237,494	4,266,98
Building Automation Systems - Upgrade	10	\$ 250,000	197,912	\$ 383,000	403,114	\$ 300,000	237,434	\$ 300,000	237,434	\$ 500,000	237,434	4,200,50
Other (Describe)		201	3-14	201	4-15	201	.5-16	201	6-17	201	l7-18	2013/14-2017/1
Building Envelope	Quantity of Time that Measure will be in place	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	Estimated Total Accumulated Energy Savings (ekWh)
Glazing	30			\$ -		\$ -		\$ -		\$ -		1940
ncreased Wall Insulation	50	\$ -		\$ -		\$ -		\$ -	是此为《中文》(·主	\$ -		
New Roof	25	\$ 3,200,000	297,730	\$ 4,000,000	372,162	\$ 3,000,000	279,122		279,122			4,652,02
New Windows	30	\$ 153,000	35,588	\$ 400,000	93,041	\$ 250,000	58,150	\$ 250,000	58,150	\$ 250,000	58,150	899,00
Freatments	10	\$ -		\$ -	经 电子 医毛子科	\$ -		\$ -	提供的 加尔····································	\$ -	THE REST OF	教的。由於自由
Shading Devices	30	\$ -		\$ -	海绵 不 计原子区	\$ -		\$ -		\$ -		
								\$ -	AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	\$ -		THE R. P. LEWIS CO., LANSING MICH. SHIPPLESS AND PROPERTY AND POST OF THE PARTY AND PA

Operations and Maintenance S	Strategies											
		Quantity of Time 2013-			3-14	201	4-15	201	5-16	201	201:	
Policy and Planning		be in place		ted Cost of mentation	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
New school design/construction guideling	nes and specifications	5	\$	-		\$ -		\$ -		\$ -		\$ -
Day and Night Temperature Guidelines t	for all Schools	10	\$	1,000	3,722	\$ 1,000	3,722	\$ 1,000	3,722	\$ 1,000	3,722	\$ 1,000
Night time blackout of sites	Interior	10	\$	500	529	\$ 500	529	\$ -		\$ -		\$ -
Wight time blackout of sites	Exterior	10	\$	500	529	\$ 500	529		529	\$ 500	529	
Procures only Energy Star certified appli	ances	5	\$	2,000	2,963	\$ 2,000	2,963	\$ 2,000	2,963	\$ 2,000	2,963	
Daylight Harvesting (servicing)		3	\$	10,000	14,815	\$ 10,000	14,815	\$ 10,000	14,815	\$ 10,000	14,815	\$ 10,000
Demand Ventilation (servicing)		3	\$	-		\$ -		\$ -		\$ -		\$ -
Other (Describe)			\$	y -		\$ -		\$ -	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ -		\$ -
and the second production of the second control of the second cont				201	3-14	201	4-15	201	5-16	201	6-17	201:
Energy Audits		Quantity of Time that Measure will be in place		ted Cost of mentation	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
Walk Through Audit		5	\$	25,000	297	\$ 25,000	297	\$ 25,000	297	\$ 25,000	297	\$ 25,000
Engineering Audit		5	\$	25,000	297	\$ 25,000	297	\$ 25,000	297	\$ 25,000	297	\$ 25,000
Other (Describe)		9							新发生的第三大公			

		2013-14		2014-15		2015-16		2016-17		20
Real Time Monitoring	Quantity of Time that Measure will be in place	Estimated Cost of		Estimated Cost of	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of	Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of		Estimated Cost of
Real-time energy data for operators to identify and diagnose										
building issues	5	\$ 36,000	104,634	\$ 36,000	104,634	\$ 36,000	104,634	\$ 36,000	104,634	\$ 3,600
Other (Describe)		\$ -		\$ -		\$ -		\$ -		\$ -

Operations and Maintenance Strategies Total	\$ 100,000	127,786 \$	100,000	127,786	\$ 99,500	127,257 \$	99,500	127,257 \$ 67,100

\$0.135 = cost of 1 ekWh electricity

0.0334 = cost of 1 ekWh natural gas

0.0955 $m^3 = 1 ekWh$

\$0.35 = cost of 1 m³ of natural gas

7-18	2013/14-2017/18
Estimated Annual	Estimated Total
Energy Savings	Accumulated
from all projects	Energy Savings
(ekWh)	(ekWh)
3,722	55,824
	4,762
529	7,937
2,963	44,444
14,815	222,222
G MEN TEN	
7-18	2013/14-2017/18
Estimated Annual	Estimated Total
Energy Savings	Accumulated
from all projects	Energy Savings
(ekWh)	(ekWh)

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

7-18	2013/14-2017/18				
Estimated Annual Energy Savings from all projects (ekWh)	Estimated Total Accumulated Energy Savings (ekWh)				
10,463	1,475,346				

33,086

297

297

4,453 4,453

1,819,441

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

Occupant Behaviour Strategies									
	Ougustitus of Times		013-14	201	4-15	2015-16 2016-17			6-17
Training and Education	Quantity of Time that Measure will be in place (years)	Estimated Cost Implementation		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)
Building Operator Training	3	\$ 5,0	00 17,661	\$ 5,000	17,661	\$ 5,000	17,661	\$ 5,000	17,661
NRCan Benchmarking Program	5	\$ -		\$ -		\$ -		\$ -	
Building Automation Training (site specific)	3	\$ 28,0	296,704	\$ 28,000	296,704	\$ 28,000	296,704	\$ 28,000	296,704
Ongoing training and awareness programs for energy conservation	5	\$ -		\$ -		\$ -		\$ -	
Provide detailed information on Building Operational costs	1	\$ 1,0	00 12	\$ 100	1	\$ 1,000	12	\$ 1,000	12
Provide detailed information on energy consumption (e.g. via the Utility					图1000年1月1日				基本化型等 4.5.5.5
Consumption Database or other database)	1	\$ 3,0	00 36	\$ 3,000	36	\$ 3,000	36	\$ 3,000	36
Participate in environmental programs, such as EcoSchools, Earthcare	1	\$ -		\$ -		\$ -		\$ -	
Other tools (Define)		\$ -	MOTOR MANAGEMENT (A. V.)	\$ -		\$ -	ere destat b	\$ -	

314,413 \$

36,100

314,402 \$

37,000

314,413 \$

37,000

314,413

70. No. 1	\$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 m ³ of natural gas

37,000

Occupant Behaviour Strategies Total \$

201	2013/14-2017/18			
Estimated Cost of Implementation	Estimated Annual Energy Savings from all projects	Estimated Total Accumulated Energy Savings		
	(ekWh)	(ekWh)		
\$ 5,000	17,661	264,915		
\$ -				
\$ 28,000	296,704	4,450,567		
\$ -				
\$ 1,000	12	135		
\$ 3,000	36	534		
\$ -				
\$ -				

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
1000	50	50
5	90	10
0		100

\$	37,000	314,413	4,716,151
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Conservation Goal

	FY2013
Total Building Area (includes portables) (m²)	821,253
Total Building Area (includes portables) (ft²)	8,840,178
Energy Consumption for the board (ekWh)	103,314,454

1 ft 2 = 0.0929 m 2

	201	3-14	201	4-15	201	5-16	201	6-17	201
	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
Appendix B; Design, Construction and Retrofit Strategies Total	\$ 8,753,000	5,059,207	\$ 9,252,000	5,650,064	\$ 7,650,000	4,410,930	\$ 6,150,000	2,642,459	\$ 6,150,000
Appendix C; Operations and Maintenance Strategies Total	\$ 100,000	127,786	\$ 100,000	127,786	\$ 99,500	127,257	\$ 99,500	127,257	\$ 67,100
Appendix D; Occupant Behaviour Strategies Total	\$ 37,000	314,413	\$ 36,100	314,402	\$ 37,000	314,413	\$ 37,000	314,413	\$ 37,000
TOTAL	\$ 8,890,000	5,501,405	\$ 9,388,100	6,092,252	\$ 7,786,500	4,852,599	\$ 6,286,500	3,084,129	\$ 6,254,100
Percentage reduction		5		6		5		3	
Conservation Goal (ekWh/m²)		6.70		7.42		5.91		3.76	
Conservation Goal (ekWh/ft²)		0.62231839		0.689154943		0.548925502		0.34887635	

7-18	2013/14-2017/18		
Estimated Annual Energy Savings from all projects (ekWh)	Estimated Total Accumulated Energy Savings (ekWh)		
2,642,459	69,056,458		
33,086	1,819,441		
314,413	4,716,151		
2,989,958	75,592,050		
3	14.63339294		
3.64	92.04		
0.338223737	8.550964666		