

Keewatin Patricia District School Board Conservation Goals and Energy Management Plan

Operations and Maintenance Strategies		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)
Policy and Planning													
New school design/construction		5	\$ -	-	\$ 100,000	237,494	\$ -	-	\$ -	-	\$ -	-	949,978
Day and Night Temperature Guidelines for		10	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
Night time blackout of sites	Interior	10	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
	Exterior	10	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
Procures only Energy Star certified		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)	Estimated Total Accumulated Energy Savings (ekWh)
Walk Through Audit		5	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
Engineering Audit		5	\$ -	-	\$ -	-	\$ 25,000	297	\$ -	-	\$ -	-	891
Other (Describe)													
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)	Estimated Total Accumulated Energy Savings (ekWh)
Real-time energy data for operators to		5	\$ -	-	\$ -	-	\$ 5,000	14,533	\$ -	-	\$ -	-	43,598
Other (Describe)			\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	-
<b>Operations and Maintenance Strategies Total</b>			<b>\$ -</b>	<b>-</b>	<b>\$ 100,000</b>	<b>237,494</b>	<b>\$ 30,000</b>	<b>14,829</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>-</b>	<b>994,466</b>

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