Design, Construction and Retrofit Strategies	

	г		2018 2010		2010 2020		2020 2024		2024 2022		2022 2022	2018/2019-2022/2023		
			2018-2019		2019-2020		2020-2021		2021-2022		2022-2023			1
Lighting	Quantity of Time that Measure will be in place (years)	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 Saving (ekWh)	Estimated Total Accumulated Energy Savings Energy Pa (ekWh) Perio	Electricity	% related to Natural Gas
High Efficiency Lighting Systems	15	\$ 370,000	302,041	\$ 370,000	302,041	387,000	315,918	\$ 387,000	315,918	\$ 387,000	315,918	4,613,878 7	100	0
Outdoor Lighting Occupancy Sensors	<u>15</u> 10	s -	· · · · · · · · · · · · · · · · · · ·	s - s -			:	s -		s .		- 7	100	0
Other (Describe)		s -		\$ -	-			\$ -		\$		- 0	100	100
	·													
			2018-2019		2019-2020		2020-2021		2021-2022		2022-2023	2018/2019-2022/2023		
H.V.A.C.	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 Energy Pa (ekWh) Perio		% related to Natural Gas
Efficient Boilers (near condensing)	30	\$ 2,150,000	3,985,079	\$ 2,150,000	3,985,079	550,000	1,019,439	\$ 550,000	1,019,439	\$ 550,000	1,019,439	41,982,345 15		95
High-efficiency Boilers (condensing)	<u>15</u> 10	s -		s -	· · · · ·		· · ·	\$ -		s -			5	95
High-efficiency Boiler Burners Geothermal	20	s -		s -				s -	· · · · · · · · · · · · · · · · · · ·	s -				95
Heat Recovery/Enthalpy Wheels	30	s -		\$ -				s -		s -		- 8		80
Economizers	15	s -		\$ -	-			\$ -		s -		- 7.5	50	50
Energy Efficient HVAC systems	30	\$ 110,000	14,404	\$ 110,000	14,404	110,000	14,404	\$ 110,000	14,404	\$ 110,000	14,404	216,057 75	50	50
Energy Efficient Rooftop Units	15	\$ 100,000	32,736	\$ 100,000	32,736	100,000	32,736	\$ 100,000	32,736	\$ 100,000	32,736	491,039 30		50
High Efficiency Domestic Hot Water Efficient Chillers and Controls	15 25	\$ - \$ 620.000	- 35.429	\$ - \$ 620.000		620.000	- 35.429	s -		s -		- 10 425.143 100	15	85
High-efficiency Motors	25	\$ 620,000	35,429	\$ 620,000	35,429	620,000	35,429	s -	· · · · · · · · · · · · · · · · · · ·	s -		425,143 100		0
VED	15	s -		\$ -				\$ -		s -		- 5	75	25
Demand Ventilation	10	s -		\$ -	· · ·			\$ -	· · · · · · · · · · · · · · · · · · ·	s -		- 5	50	50
Entrance Heater Controls	20	ş -	•	\$ -	· · · · · · · · · · · · · · · · · · ·	•	· · · · · · · · · · · · · · · · · · ·	\$ -		s -		- 5		50
Destratification Fans	10	s -		\$ -	· · ·		· · ·	\$ -	- · · ·	s -		- 7	100	0
Other (Describe)	-	\$-	-	\$-		•	-	\$-	-	s -	-	- 0		100
	F													
			2018-2019		2019-2020		2020-2021		2021-2022		2022-2023	2018/2019-2022/2023		
Controls	Quantity of Time that Measure will be in place	Estimated Cost of Implementation	2018-2019 Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	2019-2020 Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	2020-2021 Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	2021-2022 Estimated Annual Energy Savings from all projects (ekWh)	Estimated Cost of Implementation	2022-2023 Estimated Annual Energy Savings from all projects (ekWh)	2018/2019-2022/2023 Estimated Total Accumulated Energy Savings (ekWh) Energy Pa	yback % related to Electricity	% related to Natural Gas
Controls Building Automation Systems - New			Estimated Annual Energy Savings from all projects		Estimated Annual Energy Savings from all projects		Estimated Annual Energy Savings from all projects		Estimated Annual Energy Savings from all projects		Estimated Annual Energy Savings from all projects			
	- place		Estimated Annual Energy Savings from all projects		Estimated Annual Energy Savings from all projects		Estimated Annual Energy Savings from all projects		Estimated Annual Energy Savings from all projects		Estimated Annual Energy Savings from all projects	Estimated Total Accumulated Energy Savings Energy Pa (ekWh) Perio		Gas
Building Automation Systems - New	place 10	Implementation \$ -	Estimated Annual Energy Savings from all projects (ekWh)	Implementation \$ -	Estimated Annual Energy Savings from all projects (ekWh)	Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Implementation \$ -	Estimated Annual Energy Savings from all projects (ekWh) -	Estimated Total Accumulated Energy Savings Energy Pa (ekWh) - 15	50	Gas 50
Building Automation Systems - New Building Automation Systems - Upgrade Real-time energy data for operators to	place 10 10 10 10 10 10 10 10 10 10 10 10 10	Implementation \$ -	Estimated Annual Energy Savings from all projects (ekWh)	Implementation \$ -	Estimated Annual Energy Savings from all projects (ekWh)	Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Implementation \$ -	Estimated Annual Energy Savings from all projects (ekWh) -	Estimated Total Accumulated Energy Savings Energy Pa (ekWh) - 15	50 50 50	Gas 50 50
Building Automation Systems - New Building Automation Systems - Upgrade Real-time energy data for operators to identify and diagnose building issues	place 10 10 10 10 10 10 10 10 10 10 10 10 10	Implementation \$ -	Estimated Annual Energy Savings from all projects (ekWh)	Implementation \$ -	Estimated Annual Energy Savings from all projects (ekWh)	Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Implementation	Estimated Annual Energy Savings from all projects (ekWh)	Implementation \$ -	Estimated Annual Energy Savings from all projects (ekWh) - 543,416 -	Estimated Total Accumulated Energy Parings (ekWh)	50 50 50	Gas 50 50 50 50
Building Automation Systems - New Building Automation Systems - Upgrade Real-time energy data for operators to udentify and diagnose building issues Voltage Harmonizers	place 10 10 10 10 10 10 10 10 10 10 10 10 10	Implementation \$ -	Estimated Annual Energy Savings from all projects (ekWh) 360.095 	Implementation \$ -	Estimated Annual Energy Savings from all projects (ekWh) -	Implementation	Estimated Annual Energy Savings from all projects (ekWh) - 543,416 - - -	Implementation	Estimated Annual Energy Savings from all projects (ekWh) - 543,416 - - -	Implementation \$ -	Estimated Annual Energy Savings from all projects (ekWh) - 543,416 - - -	Estimated Total Accumulated Energy Savings (ekWh) Perio (ekWh) 15 7,224,635 15 7,224,635 33 0 0 0 0 0	50 50 50	Gas 50 50 50 50 0
Building Automation Systems - New Building Automation Systems - Upgrade Real-time energy data for operators to udentify and diagnose building issues Voltage Harmonizers	place 10 10 10 10 10 10 15	Implementation \$ - \$ 550.000 \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (ekWh) 360.095 - - 2018-2019	Implementation \$ - \$ 830.000 \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (ekWh)	Implementation	Estimated Annual Energy Savings from all projects (ekWh) 543,416 2020-2021	Implementation \$ - \$ 830,000 \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (ekWh)	Implementation	Estimated Annual Energy Savings from all projects (ekWh) 543,416 2022-2023	Estimated Total Accumulated Energy Pario (ekWh) 5 7,234,635 6 7,234,635 7,234,735 7,234,735 7,234,735 7,234,735 7,234,735 7,234,735 7,234,735 7,234,735 7,234,735 7,234,735 7,234,735 7,234,735 7,234,735 7,234,735 7,234,735 7,234,735 7,234,735 7,234,735 7,234,7357 7,234,7357 7,234,73577 7,234,7357777777777777777777777777777777777	50 50 50	Gas 50 50 50 50 0
Building Automation Systems - New Building Automation Systems - Upgrade Real-time energy data for operators to udentify and diagnose building issues Voltage Harmonizers	place 10 10 10 10 10 10 10 10 10 10 10 10 10	Implementation \$ -	Estimated Annual Energy Savings from all projects (ekWh) 360.095 	Implementation \$ -	Estimated Annual Energy Savings from all projects (ekWh) -	Implementation	Estimated Annual Energy Savings from all projects (ekWh) - 543,416 - - -	Implementation	Estimated Annual Energy Savings from all projects (ekWh) - 543,416 - - -	Implementation \$ -	Estimated Annual Energy Savings from all projects (ekWh) - 543,416 - - -	Estimated Total Accumulated Energy Savings (ekWh) Perio (ekWh) 15 7,224,635 15 7,224,635 33 0 0 0 0 0	xback % related to	Gas 50 50 50 50 0
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Building Automation Systems - New Building Automation Systems - Upgrade Real-time energy data for operators to identify and diagnose building issues Voltage Harmonizers Other (Describe) Britising Envelope Glazing Increased Wall Insulation	Place 10 10 10 10 10 15 Cuantity of Time that Measure will be in place 30 65	Implementation \$ - \$ 550,000 \$ - \$ - \$ - \$ - \$ - Estimated Cost of Implementation - \$ -	Estimated Annual Energy Savings from all projects (eKWh) 360.095 2018-2019 Estimated Annual Energy Savings from all projects (eKWh)	Implementation S S S S S S S S S S S S S S S S S S S	Estimated Annual Energy Savings from all projects (ekWh) (ekWh)	Implementation Implementation Status Status Status Implementation Implementation Implementation Implementation Implementation Implementation Implementation Implementation Implementation Implementation I	Estimated Annual Energy Savings from all projects (ekWh) 543.416 2020-2021 Estimated Annual Energy Savings from all projects (ekWh)	Implementation \$ - \$ 830,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (ekWh)	Implementation S S S S S S S S S S S S S S S S S S	Estimated Annual Energy Savings from all projects (ekWh) 543.416 2022-2023 Estimated Annual Energy Savings from all projects (ekWh)	Estimated Total Accumulated Energy Savings (ekWh) Energy Pereor (ekWh) 1 5 7,224,635 15 3 3 4 7 2018/2019-2022/2023 0 2018/2019-2022/2023 Energy Pereore Estimated Total Accumulated Energy Savings Energy Pereore 40 40	50 50 50 100 /back % related to Exctricity 20 23	Gas 50 50 50 50 100 Wrelsted to Natural Gas 80
Building Automation Systems - New Building Automation Systems - Upgrade Real-time energy data for operators to Identify and diagnose building issues Voltage Harmonicens Other (Describe) Building Envelope Clazing Increased Wall Insulation New Rod	Place 10 10 10 10 10 15 Quantity of Time that Measure will be in place 30 50 25	Implementation \$ - \$ 550,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (eKWh) 380,095 2018-2019 Estimated Annual Energy Savings from all projects (eKWh) 306,457	Implementation \$ - \$ 830,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (eKWh)	Implementation Implementation B30,000 Estimated Cost of Implementation Estimated Cost of Implementation S3,300,000 S3,300,000 S3,300,000 S3,300,000 S3,300,000 S3,300,000 S3,300,000 S4,300,000 S4,30	Estimated Annual Energy Savings from all projects (eKVh) 543,416 2020-2021 Estimated Annual Energy Savings from all projects (eKVh)	Implementation \$ - \$ 830,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (eKWh)	Implementation \$ - \$ 830,000 \$ - \$ - \$ - \$ - \$ - Implementation - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (eKWh)	Estimated Total Accumulated Energy Savings (ekWh) Energy Pr Perior 1 5 7,234,635 15 7,234,635 15 2018/2019-2022/2023 0 2018/2019-2022/2023 Energy Pr Perior Estimated Total Accumulated Energy Savings (ekWh) Energy Patholic 40 4467,369	so so so so so so so so so so so so so s	Cas 50 50 50 0 100 % related to Natural Cas 80 80 80
Building Automation Systems - New Building Automation Systems - Upgrade Real-time energy data for operators to identify and diagnose building issues Voltage Harmonizers Other (Describe) Bitlisting Envelope Glazing Increased Wall Insulation New Rool New Word	place 10 10 10 10 10 10 15 0 0 0 0 0 0 0 0 0	Implementation \$ - \$ 550,000 \$ - \$ - \$ - \$ - \$ - Estimated Cost of Implementation - \$ -	Estimated Annual Energy Savings from all projects (eKWh) 360.095 2018-2019 Estimated Annual Energy Savings from all projects (eKWh)	Implementation S S S S S S S S S S S S S S S S S S S	Estimated Annual Energy Savings from all projects (ekWh) (ekWh)	Implementation Implementation Status Status Status Implementation Implementation Implementation Implementation Implementation Implementation Implementation Implementation Implementation Implementation I	Estimated Annual Energy Savings from all projects (ekWh) 543.416 2020-2021 Estimated Annual Energy Savings from all projects (ekWh)	Implementation \$ - \$ 830,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (ekWh)	Implementation S S S S S S S S S S S S S S S S S S	Estimated Annual Energy Savings from all projects (ekWh) 543.416 2022-2023 Estimated Annual Energy Savings from all projects (ekWh)	Estimated Total Accumulated Energy Savings (ekWh) Energy Peresent (ekWh) 1 15 7.234,635 15 1 3 2 3 2 16 2018/2019-2022/2023 7 Estimated Total Accumulated Energy Savings (ekWh) Energy Peresent (ekWh) 2 3 2 16 2 16 2 16 2 16 2 16 2 16 2 16 2 16 2 16 2 16 2 16 2 16	50 50 50 100 ************************************	Gas 50 50 50 50 100 % related to Natural Gas 80 80 80 80
Building Automation Systems - New Building Automation Systems - Upgrade Real-time energy data for operators to Identify and diagnose building issues Voltage Harmonizers Other (Describe) Building Envslope Glassing Increased Will Insulation New Word Mill Insulation New Windows Treatments	Place 10 10 10 10 10 15 Quantity of Time that Measure will be in place 30 50 25	Implementation \$ - \$ 550,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (eKWh) 380,095 2018-2019 Estimated Annual Energy Savings from all projects (eKWh) 306,457	Implementation \$ - \$ 830,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (eKWh)	Implementation Implementation B30,000 Estimated Cost of Implementation Estimated Cost of Implementation S3,300,000 S3,300,000 S3,300,000 S3,300,000 S3,300,000 S3,300,000 S3,300,000 S4,300,000 S4,30	Estimated Annual Energy Savings from all projects (eKVh) 543,416 2020-2021 Estimated Annual Energy Savings from all projects (eKVh)	Implementation \$ - \$ 830,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (eKWh)	Implementation \$ - \$ 830,000 \$ - \$ - \$ - \$ - \$ - Implementation - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (eKWh)	Estimated Total Accumulated Energy Savings (ekWh) Energy Pr Perior 1 5 7,234,635 15 7,234,635 15 2018/2019-2022/2023 0 2018/2019-2022/2023 Energy Pr Perior Estimated Total Accumulated Energy Savings (ekWh) Energy Patholic 40 4467,369	50 50 50 100 100 Exercise 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20	Cas 50 50 50 0 100 % related to Natural Cas 80 80 80
Building Automation Systems - New Building Automation Systems - Upgrade Real-time energy data for operators to identify and diagnose building issues Voltage Harmonizers Other (Describe) Briticing Envelope Glazing Increased Wall Insulation New Rool New Word	Place 10 10 10 10 10 10 15 Cuantity of Time that Measure will be in place 30 50 25 30 10 10	Implementation \$ - \$ 550,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (eKWh) 380,095 2018-2019 Estimated Annual Energy Savings from all projects (eKWh) 306,457	Implementation \$ - \$ 830,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (eKWh)	Implementation Implementation B30,000 Estimated Cost of Implementation Estimated Cost of Implementation S3,300,000 S3,300,000 S3,300,000 S3,300,000 S3,300,000 S3,300,000 S3,300,000 S4,300,000 S4,30	Estimated Annual Energy Savings from all projects (eKVh) 543,416 2020-2021 Estimated Annual Energy Savings from all projects (eKVh)	Implementation \$ - \$ 830,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (eKWh)	Implementation \$ - \$ 830,000 \$ - \$ - \$ - \$ - \$ - Implementation - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (eKWh)	Estimated Total Accumulated Energy Pare Energy Pare (ekWh) 5 7,234,635 15 7,234,635 15 7,234,635 15 2018/2019-2022/2023 0 2018/2019-2022/2023 5 Estimated Total Accumulated Energy Savings 6 4,467,369 200 2,106,069 600 0 2010	50 50 50 100 100 Exercise 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20	Cas 50 50 50 0 0 100 100 100 100 100 100 10
Building Automation Systems - New Building Automation Systems - Upgrade Real-time energy data for operators to identify and diagnose building issues Voltage Harmonizers Other (Desorble) Btilling Envelop:D Glazing Increased Wall Insulation New Rood New Rood New Windows Treatments Shading Devices	Place 10 10 10 10 10 10 15 Cuantity of Time that Measure will be in place 30 50 25 30 10 10	Implementation \$ - \$ 550,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (eKWh) 380,095 2018-2019 Estimated Annual Energy Savings from all projects (eKWh) 306,457	Implementation \$ - \$ 830,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (eKWh)	Implementation Implementation B30,000 Estimated Cost of Implementation Estimated Cost of Implementation S3,300,000 S3,300,000 S3,300,000 S3,300,000 S3,300,000 S3,300,000 S3,300,000 S4,300,000 S4,30	Estimated Annual Energy Savings from all projects (eKVh) 543,416 2020-2021 Estimated Annual Energy Savings from all projects (eKVh)	Implementation \$ - \$ 830,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (eKWh)	Implementation \$ - \$ 830,000 \$ - \$ - \$ - \$ - \$ - Implementation - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (eKWh)	Estimated Total Accumulated Energy Pare Energy Pare (ekWh) 5 7,234,635 15 7,234,635 15 7,234,635 15 2018/2019-2022/2023 0 2018/2019-2022/2023 5 Estimated Total Accumulated Energy Savings 6 4,467,369 200 2,106,069 600 0 2010	50 50 50 100 100 Exercise 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20	Cas 50 50 50 0 0 100 100 100 100 100 100 10
Building Automation Systems - New Building Automation Systems - Upgrade Real-time energy data for operators to identify and diagnose building issues Voltage Harmonizers Other (Describe) Billiding Envelop: Glazing Increased Wall Insulation New Rood New Workow Treatments Shading Devices	place 10 10 10 10 10 10 15 Cuantity of Time that Measure will be in place 30 50 25 30 10 10	Implementation \$ - \$ 550,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (eKWh) 380,095 2018-2019 Estimated Annual Energy Savings from all projects (eKWh) 306,457	Implementation \$ - \$ 830,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (eKWh)	Implementation Implementation B30,000 Estimated Cost of Implementation Estimated Cost of Implementation S3,300,000 S3,300,000 S3,300,000 S3,300,000 S3,300,000 S3,300,000 S3,300,000 S4,300,000 S4,30	Estimated Annual Energy Savings from all projects (eKVh) 543,416 2020-2021 Estimated Annual Energy Savings from all projects (eKVh)	Implementation \$ - \$ 830,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (eKWh)	Implementation \$ - \$ 830,000 \$ - \$ - \$ - \$ - \$ - Implementation - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (eKWh)	Estimated Total Accumulated Energy Pare Energy Pare (ekWh) 5 7,234,635 15 7,234,635 15 7,234,635 15 2018/2019-2022/2023 0 2018/2019-2022/2023 5 Estimated Total Accumulated Energy Savings 6 4,467,369 200 2,106,069 600 0 2010	50 50 50 100 100 Exercise 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20	Cas 50 50 50 0 0 100 100 100 100 100 100 10
Building Automation Systems - New Building Automation Systems - Upgrade Real-time energy data for operators to identify and diagnose building issues Voltage Harmonizers Other (Describe) Building Envelope Glazing Increased Wall Insulation New Rod New Windows Treatments Shading Devices	place 10 10 10 10 10 10 15 Cuantity of Time that Measure will be in place 30 50 25 30 10 10	Implementation \$ - \$ 550,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (eKWh) 	Implementation \$ - \$ 830,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (e&Wh) - C (543.416 (C C C C C C C C C C C C C C C C C C C	Implementation Implementation B30,000 Estimated Cost of Implementation Estimated Cost of Implementation S3,300,000 S3,300,000 S3,300,000 S3,300,000 S3,300,000 S3,300,000 S3,300,000 S4,300,000 S4,30	Estimated Annual Energy Savings from all projects (eKWh)	Implementation \$ - \$ 830,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (eKWh) 543,416 2021-2022 Estimated Annual Energy Savings from all projects (eKWh)	Implementation \$ - \$ 830,000 \$ - \$ - \$ - \$ - \$ - Implementation - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Estimated Annual Energy Savings from all projects (eKWh)	Estimated Total Accumulated Energy Savings (ekWh) Energy Peresting 1 15 7,234,635 15 7,234,635 3 2018/2019-2022/2023 0 2018/2019-2022/2023 Energy Paresting Estimated Total Accumulated Energy Savings (ekWh) Energy Paresting 2018/2019-2022/2023 Energy Paresting 2018/2019-2022/2023 80 2018/2019-2022/2023 90 2018/2019-2022/2023 90 2019/2019-2022/2023 90 2019/2019-2022/2023 90 2019/2019-2022/2023 90 2019/2019-2022/2023 90 2019/2019-2022/2023 90 2019/2019-2022/2023 90 2019/2019-2022/2023 90 2019/2019-2022/2023 90 2020/2023 90 2030/2023 90 2040/2023 90 2050/2023 90 2050/2023 90 2050/2023 90 2050/2023 90 2050/2023 90 </td <td>50 50 50 100 100 Exercise 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20</td> <td>Cas 50 50 50 0 0 100 100 100 100 100 100 10</td>	50 50 50 100 100 Exercise 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20	Cas 50 50 50 0 0 100 100 100 100 100 100 10

Keys		
colour: yellow		= Default value
colour: blue		= Calculated Value
	\$0.175	= cost of 1 ekWh electricity
	0.0287	= cost of 1 ekWh natural gas
	0.0955	m ³ = 1 ekWh (as per NRCan
		conversion table)
	\$0.30	= cost of 1 m ³ of natural gas