
BIZENERGYSAVER PROGRAM PROGRAM REQUIREMENTS

1. PROGRAM DESCRIPTION

The Save on Energy Local Initiatives Program – BizEnergySaver Program provides Participants with instant discounts to upgrade existing lighting and mechanical equipment with Eligible Measures to reduce electricity peak demand (the “**BizEnergySaver Program**”).

The Participants in the BizEnergySaver Program are owners, operators and tenants of industrial, commercial, institutional and multi-family buildings, or Persons with the rights and authority to have the Measures installed, that meet certain eligibility criteria.

The BizEnergySaver Program is offered and administered in the Province of Ontario by the Independent Electricity System Operator (the “**IESO**”) and its Program Delivery Agent(s) under the 2021-2024 Conservation and Demand Management (“**CDM**”) Framework.

2. PROGRAM OFFER / INSTANT DISCOUNT

Subject to the eligibility requirements set out in Section 3, the BizEnergySaver Program provides each Participant with the following services and incentives:

- (a) an Assessment at no charge to the Participant; and
- (b) an Instant Discount for each installed Eligible Measure, calculated in accordance with the Eligible Measures List.

The Participant is responsible for paying the Participant Contribution for the Eligible Measures installed.

3. PROGRAM ELIGIBILITY CRITERIA

3.1 PARTICIPANT ELIGIBILITY

A Participant must:

- (a) not be Residential distribution customer;

- (b) have all required rights and authority to have the Eligible Measure(s) installed;
- (c) agree to all terms and conditions in the Participant Agreement and submit a signed Participant Agreement within 90 days of the Assessment date or the termination date of the BizEnergySaver Program, whichever is earlier; and
- (d) sign a Work Order within 90 days of the Assessment date or the termination date of the BizEnergySaver Program, whichever is earlier.

3.2 FACILITY ELIGIBILITY

A Facility must:

- (a) be connected to the IESO-Controlled Grid or a Distribution System; and
- (b) be located in the following Forward Sortation Areas (“FSAs”):
 - M5E
 - M5H
 - M5J
 - M5K
 - M5L
 - M5M
 - M5N
 - M5P
 - M5T
 - M5V
 - M6A
 - M6B
 - M6C
 - M6E
 - M6G
 - M6H
 - M6J
 - M6K
 - M6L
 - M6M
 - M6N
 - M6P
 - M6S
 - M8V
 - M8W
 - M8X
 - M8Y
 - M8Z
 - M9A
 - M9B
 - M9C

3.3 PROJECT ELIGIBILITY

A Project must:

- (a) be comprised of at least one Eligible Measure;
- (b) not be comprised of measure(s) for which a Participant has received, is already receiving or will receive any financial incentives for electrical energy savings generally funded by energy ratepayers or taxpayers in the Province of Ontario or rebates from manufacturers or wholesalers or other supply chain participants;
- (c) be based on the Work Order(s) presented to and signed by the Participant;
- (d) be completed prior to the termination date of the BizEnergySaver Program, or such earlier date as may be set out in the Participant Agreement; and
- (e) be completed by an Installer in accordance with the electrical safety requirements of the *Electrical Safety Act* (Ontario).

3.4 MEASURE ELIGIBILITY

An Eligible Measure installed under the BizEnergySaver Program must:

- (a) be purchased and installed on or after the effective date of these Program Requirements;
- (b) be listed on the Eligible Measures List; and
- (c) conform to all requirements included in the Eligible Measures List.

4. PROGRAM SPECIFIC DEFINITIONS

The following terms have the meaning stated below when used in these Program Requirements:

"2020 Ministerial Directive" refers to the direction given to the IESO by the Minister of Energy, Northern Development and Mines on September 30, 2020 to design, coordinate, deliver and/or fund the delivery of certain electricity conservation and demand management programs under the Save on Energy brand through the 2021-2024 CDM Framework beginning on January 1, 2021.

"2021-2024 Conservation and Demand Management Framework" means the framework established by the 2020 Ministerial Directive issued September 30, 2020 pursuant to which the IESO is to design, coordinate, deliver, and/or fund the delivery of electricity conservation and demand management programs under the Save on Energy brand.

"Assessment" means a review of the Existing Equipment located at the Facility of a prospective Participant, conducted by the Program Delivery Agent, to assess and evaluate appropriate Eligible Measures for such Facility.

"Distribution System" means a system connected to the IESO-Controlled Grid for distributing electricity at voltages of 50 kV or less and includes any structures, equipment or other thing used for that purpose.

"Eligible Measure" means an Eligible Measure listed in the "Eligible Measures List".

"Eligible Measures List" means the list of measures eligible for implementation (and associated Instant Discount) under the BizEnergySaver Program, as described in Exhibit A.

"Existing Equipment" means the equipment to be replaced by the Eligible Measure(s).

"Facility" means the building, premises, or part thereof, owned, occupied, or operated by the Participant, where the Eligible Measures are to be installed and which meets the Facility Eligibility Criteria.

"Facility Eligibility Criteria" means the eligibility criteria specified in Section 3.2.

"IESO-Controlled Grid" has the meaning given to it in the IESO Market Rules.

"IESO Market Rules" means the rules made under Section 32 of the *Electricity Act, 1998* (Ontario), together with all market manuals, policies, and guidelines issued by the IESO or its successor.

"Installer" means the qualified Program Delivery Agent personnel responsible for installing Eligible Measures in a Facility in accordance with a signed Work Order for the Facility under the BizEnergySaver Program.

"Instant Discount" means the financial incentive a Participant is eligible to receive for the installation of Eligible Measures, as approved by the Program Delivery Agent (on behalf of the IESO) in accordance with the Program Requirements, the applicable Work Order and the Participant Agreement.

"Measure Cost" means the price of an Eligible Measure, including the cost of installation, reflected in the applicable Work Order.

"Measure Eligibility Criteria" means the eligibility criteria specified in Section 3.4.

"Participant" means, in respect of the BizEnergySaver Program, an eligible business entity or person who has (i) satisfied the Program eligibility criteria set out in Section 3, (ii) party to a valid Participant Agreement with the IESO; and (iii) signed a Work Order(s).

"Participant Agreement" means the agreement between the IESO and the Participant setting out the terms and conditions of the Participant's participation in the BizEnergySaver Program.

"Participant Contribution" means, the amount payable by the Participant to the Program Delivery Agent as stated in the Work Order, calculated as the total cost of the Eligible Measures installed less the total Instant Discount of the Eligible Measures received by the Participant.

"Participant Eligibility Criteria" means the eligibility criteria specified in Section 3.1.

"Program Delivery Agent(s)" means the service provider(s) under contract with the IESO to provide program delivery services for the BizEnergySaver Program.

"Program Requirements" means the terms and conditions contained herein governing the BizEnergySaver Program.

"Project" means one or more Eligible Measures that are expected to be implemented in accordance with the eligibility requirements, pursuant to the BizEnergySaver Program.

"Residential" means electricity consumers in Ontario that are classified as residential in the most recent Yearbook of Electricity Distributors published by the Ontario Energy Board.

"Work Order" means the work order containing the Participant, Facility and Project details, including the name and quantity of applicable Eligible Measures to be installed, details and quantity of all existing equipment to be replaced, Measure Costs, Instant Discount amounts, and Participant Contribution, which must be signed by the Participant prior to the commencement of any work related to the installation of an Eligible Measure and after the completion of work related to the installation of an Eligible Measure.

Exhibit "A" ELIGIBLE MEASURES LIST

END-USE	MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ENERGY SAVINGS [kWh]	PEAK DEMAND SAVINGS [kW]	INSTANT DISCOUNT ⁽¹⁾ [\$]
Lighting ⁽²⁾	LEDs	LED Round surface mount fixture	2-Lamp CFL	105.1	0.015	\$10.50
Lighting ⁽²⁾	LEDs	LED Round surface mount fixture	3-Lamp CFL	219.0	0.031	\$22.00
Lighting ⁽²⁾	LEDs	LED Round surface mount sensor fixture	2-Lamp CFL	204.4	0.029	\$20.50
Lighting ⁽²⁾	LEDs	LED Round surface mount sensor fixture	3-Lamp CFL	318.3	0.044	\$32.00
Lighting	LEDs	LED Wall sconce	2-Lamp PL	87.6	0.012	\$9.00
Lighting ⁽²⁾	LEDs	LED Garbage chute sensor fixture	1-Lamp CFL	110.2	0.015	\$11.00
Lighting ⁽²⁾	LEDs	LED Linear fixture - 4' 2-lamp	4' 2-Lamp T12 fixture	508.1	0.071	\$51.00
Lighting ⁽²⁾	LEDs	LED Linear fixture - 4' 2-lamp	4' 2-Lamp T8 fixture	367.9	0.051	\$37.00
Lighting ⁽²⁾	LEDs	LED Linear sensor fixture - 4' 2-Lamp	4' 2-Lamp T12 fixture	668.7	0.093	\$67.00
Lighting ⁽²⁾	LEDs	LED Linear sensor fixture - 4' 2-Lamp	4' 2-Lamp T8 fixture	528.5	0.074	\$53.00
Lighting ⁽²⁾	LEDs	LED Vapour tight fixture - 4' 2-lamp	4' 2-Lamp T12 fixture	481.8	0.067	\$48.50
Lighting ⁽²⁾	LEDs	LED Vapour tight fixture - 4' 2-lamp	4' 2-Lamp T8 fixture	341.6	0.048	\$34.50
Lighting ⁽²⁾	LEDs	LED Vapour tight sensor fixture - 4' 2-Lamp	4' 2-Lamp T12 fixture	664.3	0.093	\$66.50
Lighting ⁽²⁾	LEDs	LED Vapour tight sensor fixture - 4' 2-Lamp	4' 2-Lamp T8 fixture	524.1	0.073	\$52.50
Lighting ⁽²⁾	LEDs	LED Vapour tight HO fixture - 4' 2-lamp	4' 2-Lamp HO T12 fixture	446.8	0.062	\$45.00
Lighting ⁽²⁾	LEDs	LED Vapour tight HO sensor fixture - 4' 2-Lamp	4' 2-Lamp HO T12 fixture	775.3	0.108	\$78.00
Lighting ⁽²⁾	LEDs	LED Smart tubes - 4' 2-lamp	4' 2-Lamp T12 fixture	670.1	0.094	\$67.50
Lighting ⁽²⁾	Sensor	LED Smart tube sensor	No sensor	0.0	0.000	\$0.00
Lighting ⁽²⁾	LEDs	LED Smart tubes - 4' 2-lamp	4' 2-Lamp T8 fixture	530.0	0.074	\$53.00
Lighting ⁽²⁾	Sensor	LED Smart tube sensor	No sensor	0.0	0.000	\$0.00
Lighting ⁽²⁾	LEDs	LED Smart tubes - 4' 1-lamp	4' 1-Lamp T12 fixture	335.1	0.047	\$33.50

END-USE	MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ENERGY SAVINGS [kWh]	PEAK DEMAND SAVINGS [kW]	INSTANT DISCOUNT ⁽¹⁾ [\$]
Lighting ⁽²⁾	Sensor	LED Smart tube sensor	No sensor	0.0	0.000	\$0.00
Lighting ⁽²⁾	LEDs	LED Smart tubes - 4' 1-lamp	4' 1-Lamp T8 fixture	265.0	0.037	\$26.50
Lighting ⁽²⁾	Sensor	LED Smart tube sensor	No sensor	0.0	0.000	\$0.00
Lighting ⁽²⁾	LEDs	LED Smart tubes - 3' 2-lamp	3' 2-Lamp T12 fixture	508.1	0.071	\$51.00
Lighting ⁽²⁾	Sensor	LED Smart tube sensor	No sensor	0.0	0.000	\$0.00
Lighting ⁽²⁾	LEDs	LED Smart tubes - 3' 2-lamp	3' 2-Lamp T8 fixture	420.5	0.059	\$42.00
Lighting ⁽²⁾	Sensor	LED Smart tube sensor	No sensor	0.0	0.000	\$0.00
Lighting ⁽²⁾	LEDs	LED Smart tubes - 3' 1-lamp	3' 1-Lamp T12 fixture	254.0	0.035	\$25.50
Lighting ⁽²⁾	Sensor	LED Smart tube sensor	No sensor	0.0	0.000	\$0.00
Lighting ⁽²⁾	LEDs	LED Smart tubes - 3' 1-lamp	3' 1-Lamp T8 fixture	210.2	0.029	\$21.00
Lighting ⁽²⁾	Sensor	LED Smart tube sensor	No sensor	0.0	0.000	\$0.00
Lighting ⁽²⁾	LEDs	LED Smart tubes - 2' 2-lamp	2' 2-Lamp T12 fixture	335.1	0.047	\$33.50
Lighting ⁽²⁾	Sensor	LED Smart tube sensor	No sensor	0.0	0.000	\$0.00
Lighting ⁽²⁾	LEDs	LED Smart tubes - 2' 2-lamp	2' 2-Lamp T8 fixture	282.5	0.039	\$28.50
Lighting ⁽²⁾	Sensor	LED Smart tube sensor	No sensor	0.0	0.000	\$0.00
Lighting ⁽²⁾	LEDs	LED Smart tubes - 2' 1-lamp	2' 1-Lamp T12 fixture	167.5	0.023	\$17.00
Lighting ⁽²⁾	Sensor	LED Smart tube sensor	No sensor	0.0	0.000	\$0.00
Lighting ⁽²⁾	LEDs	LED Smart tubes - 2' 1-lamp	2' 1-Lamp T8 fixture	141.3	0.020	\$14.00
Lighting ⁽²⁾	Sensor	LED Smart tube sensor	No sensor	0.0	0.000	\$0.00
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit - 4' 4-lamp	4' 4-Lamp T12 fixture	981.1	0.137	\$98.50
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit - 4' 4-lamp	4' 4-Lamp T8 fixture	700.8	0.098	\$70.50
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit - 4' 2-lamp	4' 2-Lamp T12 fixture	490.6	0.068	\$49.50
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit - 4' 2-lamp	4' 2-Lamp T8 fixture	350.4	0.049	\$35.00
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit - 4' 1-lamp	4' 1-Lamp T12 fixture	245.3	0.034	\$24.50
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit - 4' 1-lamp	4' 1-Lamp T8 fixture	175.2	0.024	\$17.50
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit - 3' 2-lamp	3' 2-Lamp T12 fixture	385.4	0.054	\$38.50
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit - 3' 2-lamp	3' 2-Lamp T8 fixture	297.8	0.042	\$30.00
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit - 3' 1-lamp	3' 1-Lamp T12 fixture	192.7	0.027	\$19.50
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit - 3' 1-lamp	3' 1-Lamp T8 fixture	148.9	0.021	\$15.00

END-USE	MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ENERGY SAVINGS [kWh]	PEAK DEMAND SAVINGS [kW]	INSTANT DISCOUNT ⁽¹⁾ [\$]
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit - 2' 2-lamp	2' 2-Lamp T12 fixture	227.8	0.032	\$23.00
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit - 2' 2-lamp	2' 2-Lamp T8 fixture	175.2	0.024	\$17.50
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit - 2' 1-lamp	2' 1-Lamp T12 fixture	113.9	0.016	\$11.50
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit - 2' 1-lamp	2' 1-Lamp T8 fixture	87.6	0.012	\$9.00
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit + sensor - 4' 4-lamp	4' 4-Lamp T12 fixture	1,331.5	0.186	\$134.00
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit + sensor - 4' 4-lamp	4' 4-Lamp T8 fixture	1,051.2	0.147	\$105.50
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit + sensor - 4' 2-lamp	4' 2-Lamp T12 fixture	665.8	0.093	\$67.00
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit + sensor - 4' 2-lamp	4' 2-Lamp T8 fixture	525.6	0.073	\$53.00
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit + sensor - 4' 1-lamp	4' 1-Lamp T12 fixture	332.9	0.046	\$33.50
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit + sensor - 4' 1-lamp	4' 1-Lamp T8 fixture	262.8	0.037	\$26.50
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit + sensor - 3' 2-lamp	3' 2-Lamp T12 fixture	502.2	0.070	\$50.50
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit + sensor - 3' 2-lamp	3' 2-Lamp T8 fixture	414.6	0.058	\$41.50
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit + sensor - 3' 1-lamp	3' 1-Lamp T12 fixture	251.1	0.035	\$25.00
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit + sensor - 3' 1-lamp	3' 1-Lamp T8 fixture	207.3	0.029	\$21.00
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit + sensor - 2' 2-lamp	2' 2-Lamp T12 fixture	330.0	0.046	\$33.00
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit + sensor - 2' 2-lamp	2' 2-Lamp T8 fixture	277.4	0.039	\$28.00
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit + sensor - 2' 1-lamp	2' 1-Lamp T12 fixture	165.0	0.023	\$16.50
Lighting ⁽²⁾	LEDs	LED Linear fixture retrofit + sensor - 2' 1-lamp	2' 1-Lamp T8 fixture	138.7	0.019	\$14.00
Pumps	VFDs	VFD on 5HP single pump motor	Single Pump 5HP motor; no VFD installed	10,686.0	1.186	\$400.00
Pumps	VFDs	VFD on 7.5HP single pump motor	Single Pump 7.5HP motor; no VFD installed	15,868.2	1.762	\$600.00
Pumps	VFDs	VFD on 10HP single pump motor	Single Pump 10HP motor; no VFD installed	21,008.2	2.332	\$800.00
Pumps	VFDs	VFD on 15HP single pump motor	Single Pump 15HP motor; no VFD installed	31,201.6	3.464	\$1,200.00
Pumps	VFDs	VFD on 20HP single pump motor	Single Pump 20HP motor; no VFD installed	41,313.1	4.587	\$1,600.00
Pumps	VFDs	VFD on 25HP single pump motor	Single Pump 25HP motor; no VFD installed	51,364.6	5.703	\$2,000.00
Pumps	VFDs	VFD on 30HP single pump motor	Single Pump 30HP motor; no VFD installed	61,368.7	6.813	\$2,400.00
Pumps	VFDs	VFD on 40HP single pump motor	Single Pump 40HP motor; no VFD installed	81,265.9	9.022	\$3,200.00

END-USE	MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ENERGY SAVINGS [kWh]	PEAK DEMAND SAVINGS [kW]	INSTANT DISCOUNT ⁽¹⁾ [\$]
Pumps	VFDs	VFD on 50HP single pump motor	Single Pump 50HP motor; no VFD installed	101,046.9	11.219	\$4,000.00
Pumps	VFDs	VFD on 60HP single pump motor	Single Pump 60HP motor; no VFD installed	120,736.2	13.405	\$4,800.00
Pumps	VFDs	VFD on 75HP single pump motor	Single Pump 75HP motor; no VFD installed	150,132.2	16.668	\$6,000.00
Pumps	VFDs	VFD on 100HP single pump motor	Single Pump 100HP motor; no VFD installed	198,837.7	22.076	\$8,000.00
Pumps	VFDs	VFD on 125HP single pump motor	Single Pump 125HP motor; no VFD installed	247,264.6	27.452	\$10,000.00
Pumps	VFDs	VFD on 150HP single pump motor	Single Pump 150HP motor; no VFD installed	295,471.8	32.804	\$12,000.00
Pumps	VFDs	VFDs on 5HP duplex pump motors	Duplex Pump 5HP motor; no VFDs installed	10,686.0	1.186	\$800.00
Pumps	VFDs	VFDs on 7.5HP duplex pump motors	Duplex Pump 7.5HP motor; no VFDs installed	15,868.2	1.762	\$1,200.00
Pumps	VFDs	VFDs on 10HP duplex pump motors	Duplex Pump 10HP motor; no VFDs installed	21,008.2	2.332	\$1,600.00
Pumps	VFDs	VFDs on 15HP duplex pump motors	Duplex Pump 15HP motor; no VFDs installed	31,201.6	3.464	\$2,400.00
Pumps	VFDs	VFDs on 20HP duplex pump motors	Duplex Pump 20HP motor; no VFDs installed	41,313.1	4.587	\$3,200.00
Pumps	VFDs	VFDs on 25HP duplex pump motors	Duplex Pump 25HP motor; no VFDs installed	51,364.6	5.703	\$4,000.00
Pumps	VFDs	VFDs on 30HP duplex pump motors	Duplex Pump 30HP motor; no VFDs installed	61,368.7	6.813	\$4,800.00
Pumps	VFDs	VFDs on 40HP duplex pump motors	Duplex Pump 40HP motor; no VFDs installed	81,265.9	9.022	\$6,400.00
Pumps	VFDs	VFDs on 50HP duplex pump motors	Duplex Pump 50HP motor; no VFDs installed	101,046.9	11.219	\$8,000.00
Pumps	VFDs	VFDs on 60HP duplex pump motors	Duplex Pump 60HP motor; no VFDs installed	120,736.2	13.405	\$9,600.00
Pumps	VFDs	VFDs on 75HP duplex pump motors	Duplex Pump 75HP motor; no VFDs installed	150,132.2	16.668	\$12,000.00
Pumps	VFDs	VFDs on 100HP duplex pump motors	Duplex Pump 100HP motor; no VFDs installed	198,837.7	22.076	\$16,000.00
Pumps	VFDs	VFDs on 125HP duplex pump motors	Duplex Pump 125HP motor; no VFDs installed	247,264.6	27.452	\$20,000.00
Pumps	VFDs	VFDs on 150HP duplex pump motors	Duplex Pump 150HP motor; no VFDs installed	295,471.8	32.804	\$24,000.00
Pumps	VFDs	VFD on 5HP single booster pump motor	Single booster pump 5HP motor; no VFD installed	10,686.0	1.186	\$400.00

END-USE	MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ENERGY SAVINGS [kWh]	PEAK DEMAND SAVINGS [kW]	INSTANT DISCOUNT ⁽¹⁾ [\$]
Pumps	VFDs	VFD on 7.5HP single booster pump motor	Single booster pump 7.5HP motor; no VFD installed	15,868.2	1.762	\$600.00
Pumps	VFDs	VFD on 10HP single booster pump motor	Single booster pump 10HP motor; no VFD installed	21,008.2	2.332	\$800.00
Pumps	VFDs	VFD on 15HP single booster pump motor	Single booster pump 15HP motor; no VFD installed	31,201.6	3.464	\$1,200.00
Pumps	VFDs	VFD on 20HP single booster pump motor	Single booster pump 20HP motor; no VFD installed	41,313.1	4.587	\$1,600.00
Pumps	VFDs	VFD on 25HP single booster pump motor	Single booster pump 25HP motor; no VFD installed	51,364.6	5.703	\$2,000.00
Pumps	VFDs	VFD on 30HP single booster pump motor	Single booster pump 30HP motor; no VFD installed	61,368.7	6.813	\$2,400.00
Pumps	VFDs	VFD on 40HP single booster pump motor	Single booster pump 40HP motor; no VFD installed	81,265.9	9.022	\$3,200.00
Pumps	VFDs	VFD on 50HP single booster pump motor	Single booster pump 50HP motor; no VFD installed	101,046.9	11.219	\$4,000.00
Pumps	VFDs	VFD on 60HP single booster pump motor	Single booster pump 60HP motor; no VFD installed	120,736.2	13.405	\$4,800.00
Pumps	VFDs	VFD on 75HP single booster pump motor	Single booster pump 75HP motor; no VFD installed	150,132.2	16.668	\$6,000.00
Pumps	VFDs	VFD on 100HP single booster pump motor	Single booster pump 100HP motor; no VFD installed	198,837.7	22.076	\$8,000.00
Pumps	VFDs	VFD on 125HP single booster pump motor	Single booster pump 125HP motor; no VFD installed	247,264.6	27.452	\$10,000.00
Pumps	VFDs	VFD on 150HP single booster pump motor	Single booster pump 150HP motor; no VFD installed	295,471.8	32.804	\$12,000.00
Pumps	VFDs	VFDs on 5HP duplex booster pump motors	Duplex booster pump 5HP motor; no VFDs installed	10,686.0	1.186	\$800.00

END-USE	MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ENERGY SAVINGS [kWh]	PEAK DEMAND SAVINGS [kW]	INSTANT DISCOUNT ⁽¹⁾ [\$]
Pumps	VFDs	VFDs on 7.5HP duplex booster pump motors	Duplex booster pump 7.5HP motor; no VFDs installed	15,868.2	1.762	\$1,200.00
Pumps	VFDs	VFDs on 10HP duplex booster pump motors	Duplex booster pump 10HP motor; no VFDs installed	21,008.2	2.332	\$1,600.00
Pumps	VFDs	VFDs on 15HP duplex booster pump motors	Duplex booster pump 15HP motor; no VFDs installed	31,201.6	3.464	\$2,400.00
Pumps	VFDs	VFDs on 20HP duplex booster pump motors	Duplex booster pump 20HP motor; no VFDs installed	41,313.1	4.587	\$3,200.00
Pumps	VFDs	VFDs on 25HP duplex booster pump motors	Duplex booster pump 25HP motor; no VFDs installed	51,364.6	5.703	\$4,000.00
Pumps	VFDs	VFDs on 30HP duplex booster pump motors	Duplex booster pump 30HP motor; no VFDs installed	61,368.7	6.813	\$4,800.00
Pumps	VFDs	VFDs on 40HP duplex booster pump motors	Duplex booster pump 40HP motor; no VFDs installed	81,265.9	9.022	\$6,400.00
Pumps	VFDs	VFDs on 50HP duplex booster pump motors	Duplex booster pump 50HP motor; no VFDs installed	101,046.9	11.219	\$8,000.00
Pumps	VFDs	VFDs on 60HP duplex booster pump motors	Duplex booster pump 60HP motor; no VFDs installed	120,736.2	13.405	\$9,600.00
Pumps	VFDs	VFDs on 75HP duplex booster pump motors	Duplex booster pump 75HP motor; no VFDs installed	150,132.2	16.668	\$12,000.00
Pumps	VFDs	VFDs on 100HP duplex booster pump motors	Duplex booster pump 100HP motor; no VFDs installed	198,837.7	22.076	\$16,000.00
Pumps	VFDs	VFDs on 125HP duplex booster pump motors	Duplex booster pump 125HP motor; no VFDs installed	247,264.6	27.452	\$20,000.00
Pumps	VFDs	VFDs on 150HP duplex booster pump motors	Duplex booster pump 150HP motor; no VFDs installed	295,471.8	32.804	\$24,000.00
Fans	VFDs	VFD on 3HP MAU motor	3HP MAU motor; no VFD installed	9,369.2	1.040	\$900.00
Fans	VFDs	VFD on 5HP MAU motor	5HP MAU motor; no VFD installed	15,416.0	1.712	\$1,500.00

END-USE	MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ENERGY SAVINGS [kWh]	PEAK DEMAND SAVINGS [kW]	INSTANT DISCOUNT ⁽¹⁾ [\$]
Fans	VFDs	VFD on 7.5HP MAU motor	7.5HP MAU motor; no VFD installed	22,892.1	2.542	\$2,250.00
Fans	VFDs	VFD on 10HP MAU motor	10HP MAU motor; no VFD installed	30,307.2	3.365	\$3,000.00
Fans	VFDs	VFD on 15HP MAU motor	15HP MAU motor; no VFD installed	45,012.5	4.997	\$4,500.00
Fans	VFDs	VFD on 20HP MAU motor	20HP MAU motor; no VFD installed	59,599.8	6.617	\$6,000.00
Fans	VFDs	VFD on 25HP MAU motor	25HP MAU motor; no VFD installed	74,100.4	8.227	\$7,500.00
Fans	VFDs	VFD on 30HP MAU motor	30HP MAU motor; no VFD installed	88,532.8	9.829	\$8,250.00
Fans	VFDs	VFD on 40HP MAU motor	40HP MAU motor; no VFD installed	117,237.3	13.016	\$8,900.00
Fans	VFDs	VFD on 50HP MAU motor	50HP MAU motor; no VFD installed	145,774.0	16.184	\$9,800.00
Fans	VFDs	VFD on 60HP MAU motor	60HP MAU motor; no VFD installed	174,178.6	19.338	\$10,650.00
Fans	VFDs	VFD on 75HP MAU motor	75HP MAU motor; no VFD installed	216,586.3	24.046	\$12,250.00
Fans	VFDs	VFD on 100HP MAU motor	100HP MAU motor; no VFD installed	286,850.7	31.847	\$13,450.00
Fans	VFDs	VFD on 125HP MAU motor	125HP MAU motor; no VFD installed	356,713.2	39.604	\$17,650.00
Fans	CO Sensor	CO Sensor to control garage fan(s)	Parking garage with no CO control	6,409.1	0.732	\$525.00

(1) all costs exclude HST

(2) all installed lighting systems must include sensors; measures without sensors cannot be implemented without a corresponding sensor measure also being implemented at the same time