

Investments in Energy Management Strategies

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Design, Construction and Retrofit Strategies

	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Lighting / Electrical	Investments in Energy Management Strategies	Investment in Energy Management Strategies	Investment in Energy Management Strategies	Investment in Energy Management Strategies	Investment in Energy Management Strategies
High Efficiency Lighting Systems (D5020, D502001, D502003, D502004)	\$ 2,040,000	\$ 1,236,000	\$ 891,000	\$ 1,270,000	\$ 1,344,000
Outdoor Lighting (D502004)	\$ 132,000	\$ 110,000	\$ 146,000	\$ 191,000	\$ 276,000
Occupancy Sensors (D5021, D5022)	\$ -	\$ -	\$ -	\$ -	\$ -
Daylight Harvesting	\$ -	\$ -	\$ -	\$ -	\$ -
Dimming Switches					
Other (Describe)					

	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
HVAC	Investment in Energy Management Strategies	Investment in Energy Management Strategies	Investment in Energy Management Strategies	Investment in Energy Management Strategies	Investment in Energy Management Strategies
Efficient Boilers (near condensing) (D3020, D302001, D302002)	\$ -	\$ -	\$ -	\$ -	\$ -
High-efficiency Boilers (condensing) (D3020, D302001, D302002)	\$ -	\$ -	\$ -	\$ -	\$ -
High-efficiency Boiler Burners (D3020)	\$ -	\$ -	\$ -	\$ -	\$ -
Geothermal (D302099)	\$ -	\$ -	\$ -	\$ -	\$ -
Heat Recovery/Enthalpy Wheels (D3090)	\$ -	\$ -	\$ -	\$ -	\$ -
Economizers (D306002)	\$ -	\$ -	\$ -	\$ -	\$ -
Energy Efficient HVAC systems (D3050, D3040)	\$ 7,637,000	\$ 2,540,000	\$ 771,000	\$ 1,212,000	\$ 3,120,000
Energy Efficient Rooftop Units (D302098)	\$ 843,000	\$ 218,000	\$ 2,449,000	\$ 4,260,000	\$ 1,668,000
High Efficiency Domestic Hot Water (D2020)	\$ 124,000	\$ 370,000	\$ 99,000	\$ 58,000	\$ 140,000
Efficient Chillers and Controls (D3030, D303011, D303012)	\$ 1,011,000	\$ 602,000	\$ 160,000	\$ 347,000	\$ 12,000
High-efficiency Motors (D304007, D303011)	\$ 299,000	\$ 151,000	\$ 120,000	\$ 503,000	\$ 209,000
VFD (D302056)	\$ 65,000	\$ 72,000	\$ 10,000	\$ 34,000	\$ 242,000
Demand Ventilation (D3040)	\$ -	\$ -	\$ -	\$ -	\$ -
Entrance Heater Controls (D302099)	\$ -	\$ -	\$ -	\$ 92,000	\$ -
Destratification Fans (D3090)					
Other (Describe)	\$ -	\$ -	\$ -	\$ -	\$ -

	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Controls	Investment in Energy Management Strategies	Investment in Energy Management Strategies	Investment in Energy Management Strategies	Investment in Energy Management Strategies	Investment in Energy Management Strategies
Building Automation Systems - New (D3060)		\$ -	\$ -	\$ -	\$ -
Building Automation Systems - Upgrade (D3060)	\$ 763,000	\$ 404,000	\$ 141,000	\$ 345,000	\$ 774,000
Real-time energy data for operators to identify and diagnose building issues					
Voltage Harmonizers (D501001)					
Other (Describe)	\$ -	\$ -	\$ -	\$ -	\$ -

	2018-2019	2014-2015 2019-20	2020-2021	2021-2022	2022-2023
Building Envelope	Investment in Energy Management Strategies	Investment in Energy Management Strategies	Investment in Energy Management Strategies	Investment in Energy Management Strategies	Investment in Energy Management Strategies
Glazing (B302006, B2020, B3021)	\$ 182,000	\$ 951,000	\$ 1,576,000	\$ 2,618,000	\$ 2,500,000
Increased Wall Insulation (B2010)	\$ 2,316,000	\$ 3,174,000	\$ 2,104,000	\$ 1,159,000	\$ 2,346,000
New Roof (B3010, B3020)	\$ 5,476,000	\$ 8,882,000	\$ 10,600,000	\$ 5,271,000	\$ 3,048,000
New Windows (B2020)	\$ 182,000	\$ 951,000	\$ 1,576,000	\$ 2,618,000	\$ 2,500,000
Treatments	\$ -	\$ -	\$ -	\$ -	\$ -
Shading Devices	\$ -	\$ -	\$ -	\$ -	\$ -

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Other (Describe)	\$	\$	\$	\$	\$
	-	-	-	-	-
Total Investment in Design, Construction and Retrofit Strategies	\$ 21,070,000	\$ 19,661,000	\$ 20,643,000	\$ 19,978,000	\$ 18,179,000