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Xcel Energy Data Request No. 1-3
 Docket No.: EL22-010
 Response To: South Dakota Public Utilities Commission Staff
 Requestor: Eric Paulson
 Date Received: September 14, 2022

Question:

For the Business Lighting Efficiency and Residential Home Lighting programs, provide the number of rebates and total dollar amounts of rebates issued for each type of lighting technology that were rebated in 2021.

Response:

The Company provides the number of rebates and total dollar amounts of rebates issued for each type of lighting technology rebated in 2021 below. Additionally, we provide an update to Table 4: Home Lighting Achievement, as shown in our 2021 Status Report and 2022 DSM Plan, as a difference was discovered during the analysis supporting this discovery request.

Residential Home Lighting Program

Lighting Technology	Unit Quantity	Electric Rebate
LED A-lines	62,947	\$50,801.21
LED Specialty	19,857	\$23,486.61
LED Linear Tubes	354	\$727.18
Grand Total	83,158	\$75,015

Table 4: Home Lighting Achievement

Type of Customer	Number of LED Bulbs Sold	Percent of Bulbs	Rebate Total
Residential	77,930	94%	\$70,011.06
Business (Generally Small Business)	5,228	6%	\$5,003.94

South Dakota Business Lighting		
Lighting Technology	Unit Quantity	Electric Rebate \$
LED Area Lighting - 120-140W	136	\$ 6,800
LED Area Lighting - 45-65W	18	\$ 450
LED Area Lighting - 66-89W	24	\$ 600
LED Area Lighting - 90-119W	6	\$ 300
LED Exterior Wall Pack <= 25W	42	\$ 630
LED Exterior Wall Pack 26W - 60W	122	\$ 5,680
LED Exterior Wall Pack 61W - 150W	127	\$ 8,990
LED High Bay Fixture - 190-290W	96	\$ 11,520
LED High Bay Fixture - 190-290W (Fluorescent Baseline)	428	\$ 51,360
LED High Bay Fixture - 291-464W	18	\$ 2,700
LED High Bay Fixture - 95-189W	524	\$ 52,400
LED High Bay Fixture - 95-189W (Fluorescent Baseline)	1,956	\$ 190,556
LED High Bay Fixture Kit - 95-189W	36	\$ 1,440
LED Interior Fixture <= 25W	180	\$ 2,700
LED Interior Fixture <= 25W (CFL Base)	23	\$ 460
LED Interior Fixture 26W - 50W	113	\$ 2,700
LED Interior Lamp <= 5W	4	\$ 16
LED Interior Lamp 11W - 20W	5	\$ 40
LED Interior Lamp 6W - 10W	496	\$ 2,976
LED Lamps - 50-79W (HID Base)	19	\$ 950
LED Lamps - 80-119W (HID Base)	24	\$ 1,440
LED Linear Tube Type A 2 foot	110	\$ 220
LED Linear Tube Type A 4 foot	965	\$ 1,930
LED Linear Tube Type C 4 foot	11,154	\$ 55,770
LED Linear Type B 4 Foot	7,842	\$ 23,526
LED Outdoor Canopy or Soffit lighting 61W - 150W	40	\$ 4,000
LED Ref and Frz Cases 5' or 6' doors	32	\$ 1,440
LED Stairwell Fixture	25	\$ 1,000
LED Troffer Fixture 1X4	3	\$ 60
LED Troffer Fixture 2X2	913	\$ 16,095
LED Troffer Fixture 2X4	3,298	\$ 92,440
LED Troffer Retrofit Kit 2X2	12	\$ 180
LED Troffer Retrofit Kit 2X4	186	\$ 4,650
LED/LEC Exit Sign	128	\$ 3,200
Occupancy Sensor	N/A	\$ 3,012
Grand Total	29,105	\$ 552,231

We note that number of Occupancy sensors is not requested from the customer. We do request the number of controlled fixtures which in 2021 was 355.

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Date: September 26, 2022