

# ANNUAL COMMUNITY ENERGY REPORT BY XCEL ENERGY

<b>Community:</b>	City of Golden
<b>Year of Data:</b>	2016

## Utility System Characteristics [1]

Electric	0.5990	metric tons CO2/ MWh [2]
Gas	0.0053	metric tons CO2/ Th [3]

Resource Mix	Resource Contribution
Coal	46.00%
Gas	25.00%
Wind	23.00%
Hydro	4.00%
Solar	2.00%
Nuclear	0.00%
Bio Mass	0.00%
Other	0.00%

## Energy Consumption Data [4]

Electricity	Number of Customers [5]	Energy Consumption (kWh)	Carbon Emissions (metric tons CO2) [6]	Revenues Billed [7]	Customers Removed from Dataset [8]
Business *	1,722	195,135,093	116,886	\$17,340,487	2
Residential	8,105	54,312,414	32,533	\$6,845,033	0
Street Lighting - Metered	n/a	357,885,226	214,373	\$76,384,606	-
Street Lighting - Non-Metered/Customer Owned	n/a	16,095	10	\$1,627	-
Street Lighting - Non-Metered/Xcel-Owned	n/a	839,519	503	\$217,623	-
<b>Total:</b>	<b>9,827</b>	<b>608,188,347</b>	<b>364,305</b>	<b>\$100,789,377</b>	

Natural Gas	Number of Customers [5]	Energy Consumption (therms)	Carbon Emissions (metric tons CO2) [9]	Revenues Billed [7]	Customers Removed from Dataset [8]
Business *	1,251	6,796,371	36,021	\$2,648,803	5
Residential	5,978	3,943,057	20,898	\$2,730,537	0
<b>Total:</b>	<b>7,229</b>	<b>10,739,428</b>	<b>56,919</b>	<b>\$5,379,341</b>	

## Programmatic Data [10]

Windsorce	Number of Customers	Subscribed Energy (kWh)
Community - Business Total	15	287,957
Community - Residential Total	429	1,191,660
Colorado - Business Total	756	64,186,456
Colorado - Residential Total	44,554	120,298,610

On-site Solar (Solar*Rewards)	Total Installations	Installations During Reporting Year	Total Capacity (kW)	Capacity Installed During Reporting Year (kW)	Total Energy Produced (kWh) [11]	Total Incentives Paid (\$) [12]
Community - Business Total	32	1	1,207	9	6,436,930	\$442,707
Community - Residential Total	228	37	1,279	218	685,590	\$11,673
Colorado - Business Total	759	50	50,379	2,914	253,804,402	\$24,657,255
Colorado - Residential Total	21,254	2,916	125,966	16,721	71,612,750	\$1,160,212

On-site Solar (non-Solar*Rewards)	Total Installations	Installations During Reporting Year	Total Capacity (kW)	Capacity Installed During Reporting Year (kW)
Community - Business Total	n/a	0	n/a	0
Community - Residential Total	n/a	5	n/a	28
Colorado - Business Total	n/a	9	n/a	190
Colorado - Residential Total	n/a	2,231	n/a	12,834

Solar Gardens (PV)	Number of Customers	Subscribed Capacity (kW)	Subscribed Energy (kWh)
Community - Business Total	0	0	0
Community - Residential Total	5	16	23,296
Colorado - Business Total	353	15,116	25,225,686
Colorado - Residential Total	724	2,673	4,146,204

Energy Conservation	Number of Projects	Electric Energy Savings (kWh)	Electric Demand Savings (kW)	Natural Gas Energy Savings (Th)	Rebates or Incentives Paid
Community - Business Total	61	1,961,904	470	3,398	\$267,895
Community - Residential Total	403	160,742	116	17,860	\$66,339
Colorado - Business Total	9,405	213,518,406	38,388	1,141,117	\$27,473,535
Colorado - Residential Total	97,412	221,325,558	42,184	6,279,259	\$26,600,724

Load Management (Demand Response)	Number of Customers	Available Capacity (kW)	Rebates or Incentives Paid
Community - Business Total	2	2,793	\$0
Community - Residential Total	1,256	1,323	\$50,224
Colorado - Business Total	89	237,942	\$0
Colorado - Residential Total	188,454	197,610	\$7,547,725