

# City of Fort Collins 2018 Community GHG Report

Scope 1 - Direct GHG Emissions	Usage	Unit	Metric tons of CO <sub>2</sub> e
Natural Gas, Residential:	3,703,958	Dth	197,001
Natural Gas, Commercial:	1,391,736	Dth	74,022
Natural Gas, Industrial and Transportation:	3,029,937	Dth	160,812
Natural Gas, Losses:	130,446	Dth	6,923
<i>Natural Gas Subtotal</i>	<i>8,256,077</i>	<i>Dth</i>	<i>438,758</i>
Bus	351,886	gal.	3,379
Car	17,741,261	gal.	139,836
Motorcycle	723,435	gal.	5,713
Pickup	11,533,282	gal.	93,248
SUV	20,465,047	gal.	161,127
Truck	1,685,348	gal.	15,965
Van	3,234,619	gal.	24,768
<i>Ground Travel Subtotal</i>	<i>55,734,878</i>	<i>gal.</i>	<i>444,034</i>
<b>Scope 1 Subtotal</b>			<b>882,792</b>
Scope 2 - Energy Indirect GHG Emissions	Usage		Metric tons of CO <sub>2</sub> e
Electricity, Distributed generation use (on-site):	7,487	kWh	4,748
Electricity, Home:	508,875	kWh	322,714
Electricity, Business:	1,006,983	kWh	638,599
Electricity, Flood lights:	463	kWh	293
Electricity, Traffic Lights:	574	kWh	364
Electricity, EV charging:	35		22
Electricity, Streetlights:	7,862		4,986
Elec. Distribution and Transmission Losses:	56,688	kWh	35,950
Electricity Xcel:	802		439
<i>Electricity Usage Subtotal:</i>	<i>1,589,769</i>	<i>kWh</i>	<i>1,008,115</i>
<b>Scope 2 Subtotal</b>			<b>1,008,115</b>
Scope 3 - Other Indirect GHG Emissions	Usage		Metric tons of CO <sub>2</sub> e
Solid Waste:	130,340	tons	68,138
Water Reclamation Digester Gas:	107,307	ft <sup>3</sup> /day	6
Water Treatment and Distribution:	8,925,345,000	gal.	4,868
<b>Scope 3 Subtotal</b>			<b>73,012</b>
<b>Total Metric Tons of CO<sub>2</sub>e:</b>			<b>1,963,919</b>
Supplemental Tracking			
PRPA Ownership Emissions	1,974,593	MWh	1,359,213 +
Large Emitter Process Emissions			172,334 *

+PRPA Ownership Emissions represent a different view of electricity emissions and are not additive.

\*Large emitters are those defined by the EPA: <https://ghgdata.epa.gov/ghgp/main.do>

Note: Large industrial process emissions data were not publicly available in 2005.