

University of St. Thomas Greenhouse Gas Emissions Inventory

Fiscal Year 2017: July 1, 2016 - June 30, 2017

Emissions by Source

Scope	Source	CH4 (kg)	CH4 (MTCDE)	CO2 (kg)	CO2 (MTCDE)	N2O (kg)	N2O (MTCDE)	GHG MTCDE
1	Other On-Campus Stationary	789	19.72	7,929,046	7,929.05	16	4.7	7,953.47
1	Direct Transportation	19	0.47	111,146	111.15	7	1.94	113.55
1	Refrigerants & Chemicals	0	0	0	0	0	0	446.65
2	Purchased Electricity	2,419	60.47	20,462,461	20,462.46	35	10.43	20,533.36
2	Purchased Steam / Chilled Water	168	4.2	1,504,161	1,504.16	8	2.32	1,510.68
3	Faculty Commuting	23	0.56	125,604	125.6	8	2.3	128.46
3	Staff Commuting	28	0.7	156,931	156.93	10	2.87	160.5
3	Student Commuting	69	1.73	363,820	363.82	24	7.01	372.56
3	Directly Financed Air Travel	38	0.96	3,871,190	3,871.19	44	13.15	3,885.30
3	Study Abroad Air Travel	47	1.18	4,759,217	4,759.22	54	16.17	4,776.56
3	Solid Waste	0	0	0	0	0	0	0
3	Wastewater	10,020	250.51	0	0	70	20.78	271.29
3	T&D Losses	126	3.16	1,068,358	1,068.36	2	0.54	1,072.06

Emission by Scope

Scope	CH4 (kg)	CO2 (kg)	N2O (kg)	GHG MTCDE
1	808	8,040,192	22	8,513.67
2	2,587	21,966,622	43	22,044.04
3	10,352	10,345,121	211	10,666.74

Total Emissions

CH4 (kg)	CO2 (kg)	N2O (kg)	Gross MTCDE	Offsets (MTCDE)	Compost (MTCDE)	Non-Additional Sequestration (MTCDE)	Biogenic (MTCDE)	Net MTCDE
13,747	40,351,935	276	41,224.45	0	0	0	0	41,224.45