

KSU 2023 Greenhouse Gas Inventory

Fiscal Year	Scope	Source	CO2 (kg)	CO2 (MTCDE)	CH4 (kg)	CH4 (MTCDE)	N2O (kg)	N2O (MTCDE)	GHG MTCDE
2023	1	Stationary sources	5,637,994	5,637.99	562	15.68	11	3.07	5,656.75
2023	1	Mobile sources	2,088,422	2,088.42	40	1.12	52	14.21	2,103.76
2023	1	Fugitive emissions	0	0	0	0	5	1.29	1,035.58
2023	2	Purchased electricity	33,139,873	33,139.87	2,360	65.85	332	90.7	33,296.43
2023	3	3. Fuel- and energy-related activities	2,497,814	2,497.81	56,247	1,569.30	25	6.94	4,074.05
2023	3	5. Waste generated in operations	84,100	84.1	86,716	2,419.37	806	220.05	2,723.52
2023	3	6. Business travel	5,083,465	5,083.46	30	0.85	60	16.39	5,100.71
2023	3	7. Commuting	33,210,447	33,210.45	853	23.78	743	202.74	33,436.97
Fiscal Year	Scope	CO2 (kg)	CH4 (kg)	N2O (kg)	GHG MTCDE				
2023	1	7,726,416	602	68	8,796.09				
2023	2	33,139,873	2,360	332	33,296.43				
2023	3	40,875,826	143,846	1,634	45,335.25				
Fiscal Year	CO2 (kg)	CH4 (kg)	N2O (kg)	Gross MTCDE	Offsets (MTCDE)	Compost (MTCDE)	Non-Additional Sequestration (MTCDE)	Biogenic (MT CO2)	Net MTCDE
2023	81,742,114	146,809	2,034	87,427.76	0	0	0	0.22	87,427.76
Export Date	Campus	eGrid Region	EF Version	GWP Version	Scope 2 Method	Radiative Forcing	Tags		
9/11/2025 11:54	Main Campus	SRSO		2024 AR6 100-year	Market-Based	2.7	- All -		