

Description:

Industry: 61 - Educational Services

Address: Physical Plant, 1156 High St., Santa Cruz, California, US

Contact: Jessica Keast

www.ucsc.edu

Reporting Information

Inventory Type Complete

Reporting Protocol: GRP 3.0

GWP Standard: AR5

Base Year:

Scope 2 method N/A - No Base Year reported

Reporting Year Type Calendar Year

Consolidation Methodology: Operational Control Only

Status: TCR Accepted

Verification Information

Verification Body: Scientific Certification Systems

Level of Assurance: Reasonable

Entity Emissions | Total in metric tons of CO2e

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Stationary Combustion - Scope 1	30,473.177042	30,321.812038	15.315836	136.049168	0	0	0	0
Mobile Combustion - Scope 1	1,061.810315	1,053.892	0.70952	7.208795	0	0	0	0
Fugitive - Scope 1	885.204546	49.83	541.296	0	273.292693	0	0	20.785853
Total	32,420.191903	31,425.534038	557.321356	143.257963	273.292693	0	0	20.785853
Applied Offsets	1,154							
Net Total	31,266.191903							

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Purchased Electricity - Location Based - Scope 2	4,450.084683	4,433.150655	7.486623	9.447405	0	0	0	0
Total	4,450.084683	4,433.150655	7.486623	9.447405	0	0	0	0
Applied Offsets	0							
Net Total	4,450.084683							

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Purchased Electricity - Market Based - Scope 2	190.577059	190.577059	0	0	0	0	0	0
Total	190.577059	190.577059	0	0	0	0	0	0
Applied Offsets	0							
Net Total	190.577059							

Direct Emissions - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Mobile Biomass Combustion - Biomass	188.252	188.252	0	0	0	0	0	0
Total	188.252	188.252	0	0	0	0	0	0
Applied Offsets	0							
Net Total	188.252							

Entity Emissions | Total in metric tons of gas

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	30,473.177042	30,321.812038	0.546993	0.513391	0	0	0	0
Mobile Combustion - Scope 1	1,061.810315	1,053.892	0.02534	0.027203	0	0	0	0
Fugitive - Scope 1	885.204546	49.83	19.332	0	273.292693	0	0	0.000884
Total	32,420.191903	31,425.534038	19.904333	0.540594	273.292693	0	0	0.000884

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	4,450.084683	4,433.150655	0.267378	0.035649	0	0	0	0
Total	4,450.084683	4,433.150655	0.267378	0.035649	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
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Purchased Electricity - Market Based - Scope 2	190.577059	190.577059	0	0	0	0	0	0
Total	190.577059	190.577059	0	0	0	0	0	0

Direct Emissions - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Mobile Biomass Combustion - Biomass	188.252	188.252	0	0	0	0	0	0
Total	188.252	188.252	0	0	0	0	0	0

Simplified Estimation Methods (SEMs)

	Total Estimated CO2e (t)	Total Emissions (t of CO2e)	Estimated CO2e as a Percentage of Total*
Location-based	8	37,058	0.02%
Market-based	8	32,799	0.02%
*Total based on Scope 1, Scope 2, & biomass emissions			

Facility Emissions | Fleet Vechicles and Voyager Accounts

Equity share - 100.00 | Entity controls the facility emissions - Yes

Direct Emissions - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Mobile Biomass Combustion - Biomass	188.252	188.252	0	0	0	0	0	0

Total	188.252	188.252	0	0	0	0	0	0
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Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Mobile Combustion - Scope 1	1,061.810315	1,053.892	0.02534	0.027203	0	0	0	0
Mobile Combustion - Scope 1	0	0	0	0	0	0	0	0
Total	1,061.810315	1,053.892	0.02534	0.027203	0	0	0	0

Facility Emissions | UCSC Contiguous

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	28,921.438824	28,778.208654	0.48885	0.488838	0	0	0	0
Fugitive - Scope 1	885.204546	49.83	19.332	0	273.292693	0	0	0.000884
Total	29,806.64337	28,828.038654	19.82085	0.488838	273.292693	0	0	0.000884

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	2,842.990128	2,832.171621	0.170818	0.022775	0	0	0	0
Total	2,842.990128	2,832.171621	0.170818	0.022775	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Facility Emissions | UCSC Off-campus

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	1,551.738218	1,543.603384	0.058143	0.024553	0	0	0	0
Total	1,551.738218	1,543.603384	0.058143	0.024553	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	1,607.094555	1,600.979034	0.09656	0.012874	0	0	0	0
Total	1,607.094555	1,600.979034	0.09656	0.012874	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	190.577059	190.577059	0	0	0	0	0	0
Total	190.577059	190.577059	0	0	0	0	0	0

