

University of California, Santa
Barbara

Detail Report - Control (Public)

Complete Inventory 2019

Description:

Industry: 61 - Educational Services

Address: Administrative Services
Santa Barbara, California US

Contact:
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Website:

Reporting Information

Reporting Protocol: General Reporting Protocol 3.0 and associated updates and clarifications

GWP Standard: AR5

Base Year:

Consolidation Methodology: Operational Control Only

Status: TCR Accepted

Verification Information

Verification Body: Cameron-Cole, LLC

Level of Assurance: Reasonable

Entity Emissions | Total in metric tons of CO2e

Scope 1 - Direct Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t of CO ₂ e)	N ₂ O (t of CO ₂ e)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t of CO ₂ e)	SF ₆ (t of CO ₂ e)
Stationary Combustion	19,464.304524	19,406.090026	48.311284	9.903214	0	0	0	0
Mobile Combustion	1,395.480489	1,377.717264	1.876234	15.886991	0	0	0	0
Fugitive	281.4935	0	0	0	281.4935	0	0	0
Total	21,141.278512	20,783.80729	50.187517	25.790205	281.4935	0	0	0
Applied Offsets	-1,543	-1,543	0	0	0	0	0	0
NetTotal	19,598.278512	19,240.80729	50.187517	25.790205	281.4935	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t of CO ₂ e)	N ₂ O (t of CO ₂ e)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t of CO ₂ e)	SF ₆ (t of CO ₂ e)
Purchased Electricity - Location Based	18,913.429777	18,837.094963	36.118659	40.216154	0	0	0	0
Total	18,913.429777	18,837.094963	36.118659	40.216154	0	0	0	0
NetTotal	18,913.429777	18,837.094963	36.118659	40.216154	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t of CO ₂ e)	N ₂ O (t of CO ₂ e)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t of CO ₂ e)	SF ₆ (t of CO ₂ e)
Purchased Electricity - Market Based	18,913.429777	18,837.094963	36.118659	40.216154	0	0	0	0
Total	18,913.429777	18,837.094963	36.118659	40.216154	0	0	0	0
NetTotal	18,913.429777	18,837.094963	36.118659	40.216154	0	0	0	0

Optional - Optional Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t of CO ₂ e)	N ₂ O (t of CO ₂ e)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t of CO ₂ e)	SF ₆ (t of CO ₂ e)
Scope 3	15,741.39949	15,479.18	22.75224	239.46725	0	0	0	0
Total	15,741.39949	15,479.18	22.75224	239.46725	0	0	0	0
NetTotal	15,741.39949	15,479.18	22.75224	239.46725	0	0	0	0

Entity Emissions | Total in metric tons of gas

Scope 1 - Direct Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t)	N ₂ O (t)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t)	SF ₆ (t)
Stationary Combustion	19,464.304524	19,406.090026	1.725403	0.037371	0	0	0	0
Mobile Combustion	1,395.480489	1,377.717264	0.067008	0.059951	0	0	0	0
Fugitive	281.4935	0	0	0	281.4935	0	0	0
Total	21,141.278512	20,783.80729	1.792411	0.097322	281.4935	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t)	N ₂ O (t)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t)	SF ₆ (t)
Purchased Electricity - Location Based	18,913.429777	18,837.094963	1.289952	0.151759	0	0	0	0
Total	18,913.429777	18,837.094963	1.289952	0.151759	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t)	N ₂ O (t)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t)	SF ₆ (t)
Purchased Electricity - Market Based	18,913.429777	18,837.094963	1.289952	0.151759	0	0	0	0
Total	18,913.429777	18,837.094963	1.289952	0.151759	0	0	0	0

Optional - Optional Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t)	N ₂ O (t)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t)	SF ₆ (t)
Scope 3	15,741.39949	15,479.18	0.81258	0.90365	0	0	0	0
Total	15,741.39949	15,479.18	0.81258	0.90365	0	0	0	0

Simplified Estimation Methods (SEMs)

	Total Estimated CO ₂ e (t)	Total Emissions (t of CO ₂ e)	Estimated CO ₂ e as a Percentage of Total*
Location Based	1,618.286577	40,054.70829	4.04019064500946%
Market Based	1,618.286577	40,054.70829	4.04019064500946%

*Total based on scope 1, scope 2 & biomass emissions

Facility Emissions | Air Travel

Equity share - 100% | Entity controls the facility emissions - Yes

Accounting Services, Santa Barbara, California, 93106, US

Optional - Optional Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t)	N ₂ O (t)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t)	SF ₆ (t)
Scope 3	4,563.92	4,523.18	0.13	0.14	0	0	0	0
Total	4,563.92	4,523.18	0.13	0.14	0	0	0	0

Facility Emissions | Auxiliary

Equity share - 100% | Entity controls the facility emissions - Yes

Office of Research, Santa Barbara, California, 93106, US

Scope 1 - Direct Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t)	N ₂ O (t)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t)	SF ₆ (t)
Stationary Combustion	209.760838	209.00683	0.020845	0.000643	0	0	0	0
Total	209.760838	209.00683	0.020845	0.000643	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t)	N ₂ O (t)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t)	SF ₆ (t)
Purchased Electricity - Location Based	164.766377	164.101378	0.011238	0.001322	0	0	0	0
Total	164.766377	164.101378	0.011238	0.001322	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t)	N ₂ O (t)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t)	SF ₆ (t)
Purchased Electricity - Market Based	164.766377	164.101378	0.011238	0.001322	0	0	0	0
Total	164.766377	164.101378	0.011238	0.001322	0	0	0	0

Facility Emissions | Commuting

Equity share - 100% | Entity controls the facility emissions - Yes

UCSB Social Science Survey Center, Santa Barbara, California, 93106, US

Optional - Optional Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t)	N ₂ O (t)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t)	SF ₆ (t)
Scope 3	11,177.47949	10,956	0.68258	0.76365	0	0	0	0
Total	11,177.47949	10,956	0.68258	0.76365	0	0	0	0

Facility Emissions | Off Campus Housing

Equity share - 100% | Entity controls the facility emissions - Yes

Housing and Residential Services, Santa Barbara, California, 93106, US

Scope 1 - Direct Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t)	N ₂ O (t)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t)	SF ₆ (t)
Stationary Combustion	2,928.549575	2,919.849458	0.258637	0.005503	0	0	0	0
Total	2,928.549575	2,919.849458	0.258637	0.005503	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t)	N ₂ O (t)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t)	SF ₆ (t)
Purchased Electricity - Location Based	319.020817	317.733245	0.021758	0.00256	0	0	0	0
Total	319.020817	317.733245	0.021758	0.00256	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t)	N ₂ O (t)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t)	SF ₆ (t)
Purchased Electricity - Market Based	319.020817	317.733245	0.021758	0.00256	0	0	0	0
Total	319.020817	317.733245	0.021758	0.00256	0	0	0	0

Facility Emissions | UCSB Main Campus

Equity share - 100% | Entity controls the facility emissions - Yes

University of California, Santa Barbara, California, 93106-2033, US

Scope 1 - Direct Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t)	N ₂ O (t)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t)	SF ₆ (t)
Stationary Combustion	16,325.994111	16,277.233738	1.44592	0.031225	0	0	0	0
Mobile Combustion	1,395.480489	1,377.717264	0.067008	0.059951	0	0	0	0
Fugitive	281.4935	0	0	0	281.4935	0	0	0
Total	18,002.9681	17,654.951002	1.512929	0.091176	281.4935	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t)	N ₂ O (t)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t)	SF ₆ (t)
Purchased Electricity - Location Based	18,429.642584	18,355.26034	1.256956	0.147877	0	0	0	0
Total	18,429.642584	18,355.26034	1.256956	0.147877	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t)	N ₂ O (t)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t)	SF ₆ (t)
Purchased Electricity - Market Based	18,429.642584	18,355.26034	1.256956	0.147877	0	0	0	0
Total	18,429.642584	18,355.26034	1.256956	0.147877	0	0	0	0