

University of California, Los Angeles

Detail Report - Control (Public)

Self-defined Inventory 2019

Description:

Industry: 61 - Educational Services

Address: 731 CHARLES E. YOUNG DRIVE S
Los Angeles, California US

Contact: Spencer Middleton
smiddleton@facnet.ucla.edu

Website:

Reporting Information

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

GWP Standard: AR5

Base Year:

Consolidation Methodology: Financial Control Only

Status: TCR Accepted

Verification Information

Verification Body: Ruby Canyon Environmental, Inc.

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	239,018.852842	237,557.45501	484.862399	976.535433	0	0	0	0
Mobile Combustion	4,360.807165	4,304.820693	8.691388	47.295084	0	0	0	0
Fugitive	5,446.113	55.598	0	536.095	10.66	425.76	0	4,418
Total	248,825.773006	241,917.873703	493.553786	1,559.925517	10.66	425.76	0	4,418
Applied Offsets	-66,317	-66,317	0	0	0	0	0	0
NetTotal	182,508.773006	175,600.873703	493.553786	1,559.925517	10.66	425.76	0	4,418

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	35,044.207593	34,902.768779	66.923335	74.515478	0	0	0	0
Total	35,044.207593	34,902.768779	66.923335	74.515478	0	0	0	0
NetTotal	35,044.207593	34,902.768779	66.923335	74.515478	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	43,321.8372	43,309.216935	5.877583	6.742682	0	0	0	0
Total	43,321.8372	43,309.216935	5.877583	6.742682	0	0	0	0
NetTotal	43,321.8372	43,309.216935	5.877583	6.742682	0	0	0	0

Biogenic - 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 Biomass Combustion	0	0	0	0	0	0	0	0
Mobile Biomass Combustion	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0
NetTotal	0	0	0	0	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	239,018.852842	237,557.45501	17.316514	3.685039	0	0	0	0
Mobile Combustion	4,360.807165	4,304.820693	0.310407	0.178472	0	0	0	0
Fugitive	5,446.113	55.598	0	2.023	10.66	425.76	0	0.188
Total	248,825.773006	241,917.873703	17.626921	5.886511	10.66	425.76	0	0.188

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	35,044.207593	34,902.768779	2.390119	0.28119	0	0	0	0
Total	35,044.207593	34,902.768779	2.390119	0.28119	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	43,321.8372	43,309.216935	0.209914	0.025444	0	0	0	0
Total	43,321.8372	43,309.216935	0.209914	0.025444	0	0	0	0

Biogenic - 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 Biomass Combustion	0	0	0	0	0	0	0	0
Mobile Biomass Combustion	0	0	0	0	0	0	0	0
Total	0	0	0	0	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	7,879.582763	283,869.980599	2.775771762135%
Market Based	7,940.253138	292,147.610206	2.71789084048468%

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

Facility Emissions | Main Campus

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

405 Hilgard Avenue, Los Angeles, California, 90095, 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	228,271.862333	226,841.856806	16.383283	3.665183	0	0	0	0
Fugitive	4,610.915	47.115	0	1.714	9.1	363.99	0	0.159
Total	232,882.777333	226,888.971806	16.383283	5.379183	9.1	363.99	0	0.159

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	26,007.706062	25,902.738669	1.773803	0.208683	0	0	0	0
Total	26,007.706062	25,902.738669	1.773803	0.208683	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	35,915.820244	35,915.820244	0	0	0	0	0	0
Total	35,915.820244	35,915.820244	0	0	0	0	0	0

Biogenic - 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 Biomass Combustion	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Facility Emissions | Off Campus

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

405 Hilgard Avenue, Los Angeles, California, 90095, 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	10,746.990508	10,715.598204	0.933231	0.019856	0	0	0	0
Fugitive	835.198	8.483	0	0.309	1.56	61.77	0	0.029
Total	11,582.188508	10,724.081204	0.933231	0.328856	1.56	61.77	0	0.029

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	9,036.501531	9,000.03011	0.616316	0.072508	0	0	0	0
Total	9,036.501531	9,000.03011	0.616316	0.072508	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	7,406.016956	7,393.396691	0.209914	0.025444	0	0	0	0
Total	7,406.016956	7,393.396691	0.209914	0.025444	0	0	0	0

Facility Emissions | Vehicle Fleet

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

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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)
Mobile Combustion	4,360.807165	4,304.820693	0.310407	0.178472	0	0	0	0
Total	4,360.807165	4,304.820693	0.310407	0.178472	0	0	0	0

Biogenic - 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)
Mobile Biomass Combustion	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0