

University of California, Los Angeles

Detail Report - Control (Public)

Transitional Inventory 2016

Description:

Industry: 61 - Educational Services

Address: 405 Hilgard Avenue
Los Angeles, California US

Contact: Spencer Middleton
smiddleton@facnet.ucla.edu

Website:

Reporting Information

Reporting Protocol: General Reporting Protocol 2.1 and associated updates and clarifications

GWP Standard: AR5

Base Year:

Consolidation Methodology: Financial 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	234,914.810231	233,421.284909	496.241505	997.283817	0	0	0	0
Mobile Combustion	4,621.453856	4,562.440704	8.340958	50.672195	0	0	0	0
Fugitive	2,191.550272	356.962	0	0	0	171.72	0	1,662.868272
Total	241,727.814359	238,340.687613	504.582462	1,047.956012	0	171.72	0	1,662.868272
Applied Offsets	-58,814	-58,814	0	0	0	0	0	0
NetTotal	182,913.814359	179,526.687613	504.582462	1,047.956012	0	171.72	0	1,662.868272

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	37,515.878154	37,385.246765	60.936769	69.694621	0	0	0	0
Total	37,515.878154	37,385.246765	60.936769	69.694621	0	0	0	0
NetTotal	37,515.878154	37,385.246765	60.936769	69.694621	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	47,774.960804	47,774.960804	0	0	0	0	0	0
Total	47,774.960804	47,774.960804	0	0	0	0	0	0
NetTotal	47,774.960804	47,774.960804	0	0	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	10,174.871795	10,174.871795	0	0	0	0	0	0
Mobile Biomass Combustion	17.6904	17.6904	0	0	0	0	0	0
Total	10,192.562195	10,192.562195	0	0	0	0	0	0
NetTotal	10,192.562195	10,192.562195	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	234,914.810231	233,421.284909	17.722911	3.763335	0	0	0	0
Mobile Combustion	4,621.453856	4,562.440704	0.297891	0.191216	0	0	0	0
Fugitive	2,191.550272	356.962	0	0	0	171.72	0	0.07076
Total	241,727.814359	238,340.687613	18.020802	3.954551	0	171.72	0	0.07076

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	37,515.878154	37,385.246765	2.176313	0.262999	0	0	0	0
Total	37,515.878154	37,385.246765	2.176313	0.262999	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	47,774.960804	47,774.960804	0	0	0	0	0	0
Total	47,774.960804	47,774.960804	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	10,174.871795	10,174.871795	0	0	0	0	0	0
Mobile Biomass Combustion	17.6904	17.6904	0	0	0	0	0	0
Total	10,192.562195	10,192.562195	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	3,331.36271	289,436.254708	1.15098321511947%
Market Based	3,412.019637	299,695.337358	1.1384960696114%

*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	224,636.479769	223,174.421199	16.777963	3.744436	0	0	0	0
Fugitive	1,848.450272	13.862	0	0	0	171.72	0	0.07076
Total	226,484.930041	223,188.283199	16.777963	3.744436	0	171.72	0	0.07076

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	27,048.898608	26,954.713548	1.569119	0.189622	0	0	0	0
Total	27,048.898608	26,954.713548	1.569119	0.189622	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	35,471.909168	35,471.909168	0	0	0	0	0	0
Total	35,471.909168	35,471.909168	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	10,174.871795	10,174.871795	0	0	0	0	0	0
Total	10,174.871795	10,174.871795	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	10,278.330462	10,246.86371	0.944948	0.018899	0	0	0	0
Fugitive	343.1	343.1	0	0	0	0	0	0
Total	10,621.430462	10,589.96371	0.944948	0.018899	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	10,466.979547	10,430.533216	0.607194	0.073377	0	0	0	0
Total	10,466.979547	10,430.533216	0.607194	0.073377	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	12,303.051636	12,303.051636	0	0	0	0	0	0
Total	12,303.051636	12,303.051636	0	0	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	4,621.453856	4,562.440704	0.297891	0.191216	0	0	0	0
Total	4,621.453856	4,562.440704	0.297891	0.191216	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	17.6904	17.6904	0	0	0	0	0	0
Total	17.6904	17.6904	0	0	0	0	0	0