#### **University of California, Los Angeles**

#### **Detail Report - Control (Public)**

**Emissions Year 2022** 

Description:

Address:

Industry: 61 - Educational Services

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

Contact: Spencer Middleton

**Reporting Information** 

Inventory Type Complete

Reporting Protocol: **GRP 3.0** 

**GWP Standard:** AR6

Base Year: 2014

Location-based and Market-Scope 2 method

based

Reporting Year Type Calendar Year

Consolidation Methodology: Financial Control Only

Status: TCR Accepted

**Verification Information** 

TÜV SÜD America, Inc - Ruby Verification Body:

Canyon

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	223,443.683537	222,057.003624	439.532756	947.147157	0	0	0	0
Mobile Combustion - Scope 1	1,806.255514	1,794.459184	0.995085	10.801245	0	0	0	0
Fugitive - Scope 1	2,841.540574	479.083	0	1,423.43565	939.021924	0	0	0
Total	228,091.479625	224,330.545808	440.527841	2,381.384052	939.021924	0	0	0
Applied Offsets	8,507							
Net Total	219,584.479625							
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	45,543.152694	45,376.679649	71.94351	94.529535	0	0	0	0
Total	45,543.152694	45,376.679649	71.94351	94.529535	0	0	0	0
Applied Offsets	0							
Net Total	45,543.152694							
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	36,969.029207	36,956.313707	4.2525	8.463	0	0	0	0
Total	36,969.029207	36,956.313707	4.2525	8.463	0	0	0	0
Applied Offsets	0							
Net Total	36,969.029207							

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	0.72765	0.72765	0	0	0	0	0	0
Total	0.72765	0.72765	0	0	0	0	0	0
Applied Offsets	0							
Net Total	0.72765							
Indirect Emissions - Market Based - 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)
Purchased Electricity - Market Based - Biomass	2,563	2,563	0	0	0	0	0	0
Total	2,563	2,563	0	0	0	0	0	0
Applied Offsets	0							
Net Total	2,563							

## **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	223,443.683537	222,057.003624	16.278988	3.469401	0	0	0	0
Mobile Combustion - Scope 1	1,806.255514	1,794.459184	0.036855	0.039565	0	0	0	0
Fugitive - Scope 1	2,841.540574	479.083	0	5.21405	939.021924	0	0	0
Total	228,091.479625	224,330.545808	16.315843	8.723016	939.021924	0	0	0

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	45,543.152694	45,376.679649	2.664573	0.346261	0	0	0	0
Total	45,543.152694	45,376.679649	2.664573	0.346261	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)
Purchased Electricity - Market Based - Scope 2	36,969.029207	36,956.313707	0.1575	0.031	0	0	0	0
Total	36,969.029207	36,956.313707	0.1575	0.031	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	0.72765	0.72765	0	0	0	0	0	0
Total	0.72765	0.72765	0	0	0	0	0	0
Indirect Emissions - Market Based - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Biomass	2,563	2,563	0	0	0	0	0	0
Total	2,563	2,563	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	1,062	273,636	0.39%
Market-based	1,099	267,625	0.41%
		*T	otal based on Scope 1, Scope 2, & biomass emissions

## **Facility Emissions | Main Campus**

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

Indirect Emissions - Market Based - Biomass	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 - Biomass	2,563	2,563	0	0	0	0	0	0
Total	2,563	2,563	0	0	0	0	0	0

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	FC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	213,924.207023 2	212,565.258054	15.4353	3.451265	0	0	0	0
Fugitive - Scope 1	2,362.457574	0	0	5.21405	939.021924	0	0	0
Total	216,286.664597	212,565.258054	15.4353	8.665315	939.021924	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	35,542.94867	35,414.465496	2.064789	0.266424	0	0	0	0

Total	35,542.94867	35,414.465496	2.064789	0.266424	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	31,160.624783	31,147.909283	0.1575	0.031	0	0	0	0
Total	31,160.624783	31,147.909283	0.1575	0.031	0	0	0	0

## **Facility Emissions | 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	9,519.476514	9,491.74557	0.843688	0.018136	0	0	0	0
Fugitive - Scope 1	479.083	479.083	0	0	0	0	0	0
Total	9,998.559514	9,970.82857	0.843688	0.018136	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	10,000.204024	9,962.214153	0.599784	0.079837	0	0	0	0
Total	10,000.204024	9,962.214153	0.599784	0.079837	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)
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Purchased Electricity - Market Based - Scope 2	5,808.404424	5,808.404424	0	0	0	0	0	0
Total	5,808.404424	5,808.404424	0	0	0	0	0	0

## Facility Emissions | Vehicle Fleet

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	0.72765	0.72765	0	0	0	0	0	0
Total	0.72765	0.72765	0	0	0	0	0	0

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	1,806.255514	1,794.459184	0.036855	0.039565	0	0	0	0
Total	1,806.255514	1,794.459184	0.036855	0.039565	0	0	0	0