

University of California, Los Angeles

Detail Report - Control (Public)

Self-defined Inventory 2021

**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

Additional Reporting Standards: None

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 <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t of CO <sub>2</sub> e)	N <sub>2</sub> O (t of CO <sub>2</sub> e)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t of CO <sub>2</sub> e)	SF <sub>6</sub> (t of CO <sub>2</sub> e)
Stationary Combustion	217,603.758255	216,245.682282	441.102143	916.97383	0	0	0	0
Mobile Combustion	2,733.831297	2,714.033923	1.781715	18.015659	0	0	0	0
Fugitive	9,797.067	104.246	0	8.745	9,425.707	250.614	0	7.755
<b>Total</b>	<b>230,134.656553</b>	<b>219,063.962206</b>	<b>442.883857</b>	<b>943.73449</b>	<b>9,425.707</b>	<b>250.614</b>	<b>0</b>	<b>7.755</b>
Applied Offsets	-8,458	-8,458	0	0	0	0	0	0
<b>NetTotal</b>	<b>221,676.656553</b>	<b>210,605.962206</b>	<b>442.883857</b>	<b>943.73449</b>	<b>9,425.707</b>	<b>250.614</b>	<b>0</b>	<b>7.755</b>

Scope 2 - Location Based - Indirect Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t of CO <sub>2</sub> e)	N <sub>2</sub> O (t of CO <sub>2</sub> e)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t of CO <sub>2</sub> e)	SF <sub>6</sub> (t of CO <sub>2</sub> e)
Purchased Electricity - Location Based	35,683.003675	35,522.570772	66.434908	93.997994	0	0	0	0
<b>Total</b>	<b>35,683.003675</b>	<b>35,522.570772</b>	<b>66.434908</b>	<b>93.997994</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>NetTotal</b>	<b>35,683.003675</b>	<b>35,522.570772</b>	<b>66.434908</b>	<b>93.997994</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Scope 2 - Market Based - Indirect Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t of CO <sub>2</sub> e)	N <sub>2</sub> O (t of CO <sub>2</sub> e)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t of CO <sub>2</sub> e)	SF <sub>6</sub> (t of CO <sub>2</sub> e)
Purchased Electricity - Market Based	29,558.217711	29,558.217711	0	0	0	0	0	0
<b>Total</b>	<b>29,558.217711</b>	<b>29,558.217711</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>NetTotal</b>	<b>29,558.217711</b>	<b>29,558.217711</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Biogenic - Direct Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t of CO <sub>2</sub> e)	N <sub>2</sub> O (t of CO <sub>2</sub> e)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t of CO <sub>2</sub> e)	SF <sub>6</sub> (t of CO <sub>2</sub> e)
Mobile Biomass Combustion	5.3109	5.3109	0	0	0	0	0	0
<b>Total</b>	5.3109	5.3109	0	0	0	0	0	0
<b>NetTotal</b>	5.3109	5.3109	0	0	0	0	0	0

Biogenic - Location Based - Indirect Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t of CO <sub>2</sub> e)	N <sub>2</sub> O (t of CO <sub>2</sub> e)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t of CO <sub>2</sub> e)	SF <sub>6</sub> (t of CO <sub>2</sub> e)
Purchased Electricity - Location Based - Biomass	2,090.52	2,090.52	0	0	0	0	0	0
<b>Total</b>	2,090.52	2,090.52	0	0	0	0	0	0
<b>NetTotal</b>	2,090.52	2,090.52	0	0	0	0	0	0

## Entity Emissions | Total in metric tons of gas

Scope 1 - Direct Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Stationary Combustion	217,603.758255	216,245.682282	15.753648	3.460279	0	0	0	0
Mobile Combustion	2,733.831297	2,714.033923	0.063633	0.067984	0	0	0	0
Fugitive	9,797.067	104.246	0	0.033	9,425.707	250.614	0	0.00033
<b>Total</b>	<b>230,134.656553</b>	<b>219,063.962206</b>	<b>15.817281</b>	<b>3.561262</b>	<b>9,425.707</b>	<b>250.614</b>	<b>0</b>	<b>0.00033</b>

Scope 2 - Location Based - Indirect Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Purchased Electricity - Location Based	35,683.003675	35,522.570772	2.372675	0.354709	0	0	0	0
<b>Total</b>	<b>35,683.003675</b>	<b>35,522.570772</b>	<b>2.372675</b>	<b>0.354709</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Scope 2 - Market Based - Indirect Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Purchased Electricity - Market Based	29,558.217711	29,558.217711	0	0	0	0	0	0
<b>Total</b>	<b>29,558.217711</b>	<b>29,558.217711</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Biogenic - Direct Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Mobile Biomass Combustion	5.3109	5.3109	0	0	0	0	0	0
<b>Total</b>	<b>5.3109</b>	<b>5.3109</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Biogenic - Location Based - Indirect Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Purchased Electricity - Location Based - Biomass	2,090.52	2,090.52	0	0	0	0	0	0
<b>Total</b>	2,090.52	2,090.52	0	0	0	0	0	0

# Simplified Estimation Methods (SEMs)

	Total Estimated CO <sub>2</sub> e (t)	Total Emissions (t of CO <sub>2</sub> e)	Estimated CO <sub>2</sub> e as a Percentage of Total*
Location Based	10,299.917666	267,913.491128	3.8444938409633%
Market Based	10,769.224076	259,698.185164	4.14682300104407%

\*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 <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Stationary Combustion	208,053.564385	206,723.935615	14.908373	3.442243	0	0	0	0
Fugitive	8,004.615	85.173	0	0.027	7,701.072	204.87	0	0.00027
<b>Total</b>	<b>216,058.179385</b>	<b>206,809.108615</b>	<b>14.908373</b>	<b>3.469243</b>	<b>7,701.072</b>	<b>204.87</b>	<b>0</b>	<b>0.00027</b>

Scope 2 - Location Based - Indirect Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Purchased Electricity - Location Based	26,595.563868	26,469.615058	1.808518	0.28419	0	0	0	0
<b>Total</b>	<b>26,595.563868</b>	<b>26,469.615058</b>	<b>1.808518</b>	<b>0.28419</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Scope 2 - Market Based - Indirect Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Purchased Electricity - Market Based	25,233.212944	25,233.212944	0	0	0	0	0	0
<b>Total</b>	<b>25,233.212944</b>	<b>25,233.212944</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Biogenic - Location Based - Indirect Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Purchased Electricity - Location Based - Biomass	2,090.52	2,090.52	0	0	0	0	0	0
<b>Total</b>	<b>2,090.52</b>	<b>2,090.52</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

## 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 <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Stationary Combustion	9,550.19387	9,521.746667	0.845275	0.018036	0	0	0	0
Fugitive	1,792.452	19.073	0	0.006	1,724.635	45.744	0	0.00006
<b>Total</b>	<b>11,342.64587</b>	<b>9,540.819667</b>	<b>0.845275</b>	<b>0.024036</b>	<b>1,724.635</b>	<b>45.744</b>	<b>0</b>	<b>0.00006</b>

Scope 2 - Location Based - Indirect Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Purchased Electricity - Location Based	9,087.439806	9,052.955714	0.564157	0.07052	0	0	0	0
<b>Total</b>	<b>9,087.439806</b>	<b>9,052.955714</b>	<b>0.564157</b>	<b>0.07052</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Scope 2 - Market Based - Indirect Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Purchased Electricity - Market Based	4,325.004767	4,325.004767	0	0	0	0	0	0
<b>Total</b>	<b>4,325.004767</b>	<b>4,325.004767</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



## Facility Emissions | Vehicle Fleet

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

405 Hilgard Avenue, Los Angeles, California, 90095, US

Scope 1 - Direct Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Mobile Combustion	2,733.831297	2,714.033923	0.063633	0.067984	0	0	0	0
<b>Total</b>	2,733.831297	2,714.033923	0.063633	0.067984	0	0	0	0

Biogenic - Direct Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Mobile Biomass Combustion	5.3109	5.3109	0	0	0	0	0	0
<b>Total</b>	5.3109	5.3109	0	0	0	0	0	0