

University of California, Los Angeles

Detail Report - Control (Public)

Transitional Inventory 2017

**Description:**

**Industry:** 61 - Educational Services

**Address:** 405 Hilgard Avenue  
Los Angeles, California US

**Contact:** Spencer Middleton  
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**Website:**

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**Reporting Information**

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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

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**Verification Information**

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Verification Body: Cameron-Cole, LLC

Level of Assurance: Reasonable

**Entity Emissions | Total in metric tons of CO<sub>2</sub>e**

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	237,510.940845	236,050.474644	482.576666	977.889535	0	0	0	0
Mobile Combustion	4,574.287317	4,516.121972	8.216671	49.948675	0	0	0	0
Fugitive	3,826.906	78.639	0	1,306.45	312.717	0	0	2,129.1
<b>Total</b>	245,912.134162	240,645.235616	490.793337	2,334.28821	312.717	0	0	2,129.1
Applied Offsets	-71,982	-71,982	0	0	0	0	0	0
<b>NetTotal</b>	173,930.134162	168,663.235616	490.793337	2,334.28821	312.717	0	0	2,129.1

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	38,257.472417	38,114.228188	66.712534	76.531695	0	0	0	0
<b>Total</b>	38,257.472417	38,114.228188	66.712534	76.531695	0	0	0	0
<b>NetTotal</b>	38,257.472417	38,114.228188	66.712534	76.531695	0	0	0	0

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	51,731.699032	51,731.699032	0	0	0	0	0	0
<b>Total</b>	51,731.699032	51,731.699032	0	0	0	0	0	0
<b>NetTotal</b>	51,731.699032	51,731.699032	0	0	0	0	0	0

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)
Stationary Biomass Combustion	1,519.509537	1,519.509537	0	0	0	0	0	0
Mobile Biomass Combustion	2.03175	2.03175	0	0	0	0	0	0
<b>Total</b>	1,521.541287	1,521.541287	0	0	0	0	0	0
<b>NetTotal</b>	1,521.541287	1,521.541287	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	237,510.940845	236,050.474644	17.234881	3.690149	0	0	0	0
Mobile Combustion	4,574.287317	4,516.121972	0.293453	0.188486	0	0	0	0
Fugitive	3,826.906	78.639	0	4.93	312.717	0	0	0.0906
<b>Total</b>	245,912.134162	240,645.235616	17.528333	8.808635	312.717	0	0	0.0906

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	38,257.472417	38,114.228188	2.382591	0.288799	0	0	0	0
<b>Total</b>	38,257.472417	38,114.228188	2.382591	0.288799	0	0	0	0

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	51,731.699032	51,731.699032	0	0	0	0	0	0
<b>Total</b>	51,731.699032	51,731.699032	0	0	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)
Stationary Biomass Combustion	1,519.509537	1,519.509537	0	0	0	0	0	0
Mobile Biomass Combustion	2.03175	2.03175	0	0	0	0	0	0
<b>Total</b>	1,521.541287	1,521.541287	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	8,946.182268	285,691.147866	3.13141738382568%
Market Based	9,022.18829	299,165.374482	3.01578627047036%

\*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	227,519.228404	226,088.504264	16.341726	3.672286	0	0	0	0
Fugitive	3,192.184	65.56	0	4.11	260.874	0	0	0.0756
<b>Total</b>	<b>230,711.412404</b>	<b>226,154.064264</b>	<b>16.341726</b>	<b>7.782286</b>	<b>260.874</b>	<b>0</b>	<b>0</b>	<b>0.0756</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	28,448.341875	28,341.825146	1.7717	0.214751	0	0	0	0
<b>Total</b>	<b>28,448.341875</b>	<b>28,341.825146</b>	<b>1.7717</b>	<b>0.214751</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	39,945.38579	39,945.38579	0	0	0	0	0	0
<b>Total</b>	<b>39,945.38579</b>	<b>39,945.38579</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)
Stationary Biomass Combustion	1,519.509537	1,519.509537	0	0	0	0	0	0
<b>Total</b>	<b>1,519.509537</b>	<b>1,519.509537</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	9,991.712442	9,961.97038	0.893155	0.017863	0	0	0	0
Fugitive	634.722	13.079	0	0.82	51.843	0	0	0.015
<b>Total</b>	<b>10,626.434442</b>	<b>9,975.04938</b>	<b>0.893155</b>	<b>0.837863</b>	<b>51.843</b>	<b>0</b>	<b>0</b>	<b>0.015</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	9,809.130542	9,772.403042	0.610891	0.074047	0	0	0	0
<b>Total</b>	<b>9,809.130542</b>	<b>9,772.403042</b>	<b>0.610891</b>	<b>0.074047</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	11,786.313243	11,786.313243	0	0	0	0	0	0
<b>Total</b>	<b>11,786.313243</b>	<b>11,786.313243</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	4,574.287317	4,516.121972	0.293453	0.188486	0	0	0	0
<b>Total</b>	4,574.287317	4,516.121972	0.293453	0.188486	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	2.03175	2.03175	0	0	0	0	0	0
<b>Total</b>	2.03175	2.03175	0	0	0	0	0	0