

CRIS: Climate Registry Information System

Entity Emissions Detailed Report

University of California, Santa Cruz

(Public)

6/3/2014 4:51:6 EDT



Entity Information

Entity Name	University of California, Santa Cruz
Entity Address	Physical Plant, 1156 High St. Santa Cruz California 95064 United States
Entity Website	www.ucsc.edu
Entity Contact	Patrick Testoni
Contact Email	testonip@ucsc.edu
Contact Phone	8314592243
Entity Type	Non-profit Government or Academic
Description	

2011 Emissions Information

Reporting Protocol	The Climate Registry's General Reporting Protocol and associated updates and clarifications
Consolidation Methodology	Operational Control Only

Verification Information

Verification Status	Approved
Verification Body	Ruby Canyon Engineering Inc.

The Verification Statement for this Report is available when requesting a Public Report by selecting View Detailed Information

CRIS: Climate Registry Information System

Entity Emissions Detailed Report

University of California, Santa Cruz

(Public)

6/3/2014 4:51:6 EDT



Operational Control: National - US

DIRECT EMISSIONS (metric tons)							
	CO2e	CO2	CH4	N2O	HFCs (CO2e)	PFCs (CO2e)	SF6
Stationary Combustion - Scope 1	24,668.52682	23,590.07889	50.9565	0.02698	0	0	0
Mobile Combustion - Scope 1	2,092.80922	2,073.54507	0.11787	0.05416	0	0	0
Process - Scope 1	0	0	0	0	0	0	0
Fugitive - Scope 1	144.86233	0	0	0	144.86233	0	0
TOTAL DIRECT EMISSIONS	26,906.19837	25,663.62396	51.07437	0.08114	144.86233	0	0
INDIRECT EMISSIONS (metric tons)							
	CO2e	CO2	CH4	N2O	HFCs (CO2e)	PFCs (CO2e)	SF6
Purchased Electricity - Scope 2	10,759.31172	10,718.2722	0.47117	0.10047	0	0	0
Purchased Heating - Scope 2	0	0	0	0	0	0	0
Purchased Cooling - Scope 2	0	0	0	0	0	0	0
Purchased Steam - Scope 2	0	0	0	0	0	0	0
TOTAL INDIRECT EMISSIONS	10,759.31172	10,718.2722	0.47117	0.10047	0	0	0
BIOGENIC EMISSIONS (metric tons)							
	CO2						
Stationary Biomass Combustion - Biomass	0						
Mobile Biomass Combustion - Biomass	0						
TOTAL BIOGENIC EMISSIONS	0						

CRIS: Climate Registry Information System

Entity Emissions Detailed Report

University of California, Santa Cruz

(Public)

6/3/2014 4:51:6 EDT



SIMPLIFIED ESTIMATION METHODS (metric tons)

SEMS Total (CO2e): 144.86233

%: 0.3846

OPTIONAL EMISSIONS (metric tons)	CO2e	CO2	CH4	N2O	HFCs (CO2e)	PFCs (CO2e)	SF6
Scope 1 (Optional)	0	0	0	0	0	0	0
Scope 2 (Optional)	0	0	0	0	0	0	0
Scope 3 (Optional)	0	0	0	0	0	0	0
Biomass (Optional)	0	0	0	0	0	0	0
TOTAL OPTIONAL EMISSIONS	0	0	0	0	0	0	0

CRIS: Climate Registry Information System

Entity Emissions Detailed Report

University of California, Santa Cruz

(Public)

6/3/2014 4:51:6 EDT



CRIS: Climate Registry Information System

Entity Emissions Detailed Report

University of California, Santa Cruz

(Public)

6/3/2014 4:51:6 EDT



TOTAL EMISSIONS: Fackler Cogen Engine

Does the Entity control the Facility's emissions? Yes

Equity Share (%) N/A

DIRECT EMISSIONS (metric tons)							
	CO2e	CO2	CH4	N2O	HFCs (CO2e)	PFCs (CO2e)	SF6
Stationary Combustion - Scope 1	11,927.34898	10,882.63536	49.73695	0.00077	0	0	0
Mobile Combustion - Scope 1	0	0	0	0	0	0	0
Process - Scope 1	0	0	0	0	0	0	0
Fugitive - Scope 1	0	0	0	0	0	0	0
TOTAL DIRECT EMISSIONS	11,927.34898	10,882.63536	49.73695	0.00077	0	0	0

INDIRECT EMISSIONS (metric tons)							
	CO2e	CO2	CH4	N2O	HFCs (CO2e)	PFCs (CO2e)	SF6
Purchased Electricity - Scope 2	0	0	0	0	0	0	0
Purchased Heating - Scope 2	0	0	0	0	0	0	0
Purchased Cooling - Scope 2	0	0	0	0	0	0	0
Purchased Steam - Scope 2	0	0	0	0	0	0	0
TOTAL INDIRECT EMISSIONS	0	0	0	0	0	0	0

CRIS: Climate Registry Information System

Entity Emissions Detailed Report

University of California, Santa Cruz

(Public)

6/3/2014 4:51:6 EDT



BIOGENIC EMISSIONS (metric tons)	CO2e	CO2	CH4	N2O	HFCs (CO2e)	PFCs (CO2e)	SF6
Stationary Biomass Combustion - Biomass	0	0	0	0	0	0	0
Mobile Biomass Combustion - Biomass	0	0	0	0	0	0	0
TOTAL BIOGENIC EMISSIONS	0	0	0	0	0	0	0

Optional EMISSIONS (metric tons)	CO2e	CO2	CH4	N2O	HFCs (CO2e)	PFCs (CO2e)	SF6
Scope 1 (Optional)	0	0	0	0	0	0	0
Scope 2 (Optional)	0	0	0	0	0	0	0
Scope 3 (Optional)	0	0	0	0	0	0	0
Biomass (Optional)	0	0	0	0	0	0	0
TOTAL Optional EMISSIONS	0	0	0	0	0	0	0

SIMPLIFIED ESTIMATION METHODS (metric tons)

SEMS Total (CO2e): 0

%. 0

CRIS: Climate Registry Information System

Entity Emissions Detailed Report

University of California, Santa Cruz

(Public)

6/3/2014 4:51:6 EDT



TOTAL EMISSIONS: Fleet Vehicles and Voyager Accounts

Does the Entity control the Facility's emissions? Yes

Equity Share (%) N/A

DIRECT EMISSIONS (metric tons)							
	CO2e	CO2	CH4	N2O	HFCs (CO2e)	PFCs (CO2e)	SF6
Stationary Combustion - Scope 1	0	0	0	0	0	0	0
Mobile Combustion - Scope 1	2,092.80922	2,073.54507	0.11787	0.05416	0	0	0
Process - Scope 1	0	0	0	0	0	0	0
Fugitive - Scope 1	0	0	0	0	0	0	0
TOTAL DIRECT EMISSIONS	2,092.80922	2,073.54507	0.11787	0.05416	0	0	0

INDIRECT EMISSIONS (metric tons)							
	CO2e	CO2	CH4	N2O	HFCs (CO2e)	PFCs (CO2e)	SF6
Purchased Electricity - Scope 2	0	0	0	0	0	0	0
Purchased Heating - Scope 2	0	0	0	0	0	0	0
Purchased Cooling - Scope 2	0	0	0	0	0	0	0
Purchased Steam - Scope 2	0	0	0	0	0	0	0
TOTAL INDIRECT EMISSIONS	0	0	0	0	0	0	0

CRIS: Climate Registry Information System

Entity Emissions Detailed Report

University of California, Santa Cruz

(Public)

6/3/2014 4:51:6 EDT



BIOGENIC EMISSIONS (metric tons)	CO2e	CO2	CH4	N2O	HFCs (CO2e)	PFCs (CO2e)	SF6
Stationary Biomass Combustion - Biomass	0	0	0	0	0	0	0
Mobile Biomass Combustion - Biomass	0	0	0	0	0	0	0
TOTAL BIOGENIC EMISSIONS	0	0	0	0	0	0	0

Optional EMISSIONS (metric tons)	CO2e	CO2	CH4	N2O	HFCs (CO2e)	PFCs (CO2e)	SF6
Scope 1 (Optional)	0	0	0	0	0	0	0
Scope 2 (Optional)	0	0	0	0	0	0	0
Scope 3 (Optional)	0	0	0	0	0	0	0
Biomass (Optional)	0	0	0	0	0	0	0
TOTAL Optional EMISSIONS	0	0	0	0	0	0	0

SIMPLIFIED ESTIMATION METHODS (metric tons)

SEMS Total (CO2e): 0

%. 0

CRIS: Climate Registry Information System

Entity Emissions Detailed Report

University of California, Santa Cruz

(Public)

6/3/2014 4:51:6 EDT



TOTAL EMISSIONS: UCSC Contiguous

Does the Entity control the Facility's emissions? Yes

Equity Share (%) N/A

DIRECT EMISSIONS (metric tons)							
	CO2e	CO2	CH4	N2O	HFCs (CO2e)	PFCs (CO2e)	SF6
Stationary Combustion - Scope 1	12,715.88551	12,682.21604	1.21717	0.02616	0	0	0
Mobile Combustion - Scope 1	0	0	0	0	0	0	0
Process - Scope 1	0	0	0	0	0	0	0
Fugitive - Scope 1	144.86233	0	0	0	144.86233	0	0
TOTAL DIRECT EMISSIONS	12,860.74784	12,682.21604	1.21717	0.02616	144.86233	0	0

INDIRECT EMISSIONS (metric tons)							
	CO2e	CO2	CH4	N2O	HFCs (CO2e)	PFCs (CO2e)	SF6
Purchased Electricity - Scope 2	10,721.5228	10,680.65326	0.46927	0.10005	0	0	0
Purchased Heating - Scope 2	0	0	0	0	0	0	0
Purchased Cooling - Scope 2	0	0	0	0	0	0	0
Purchased Steam - Scope 2	0	0	0	0	0	0	0
TOTAL INDIRECT EMISSIONS	10,721.5228	10,680.65326	0.46927	0.10005	0	0	0

CRIS: Climate Registry Information System

Entity Emissions Detailed Report

University of California, Santa Cruz

(Public)

6/3/2014 4:51:6 EDT



BIOGENIC EMISSIONS (metric tons)	CO2e	CO2	CH4	N2O	HFCs (CO2e)	PFCs (CO2e)	SF6
Stationary Biomass Combustion - Biomass	0	0	0	0	0	0	0
Mobile Biomass Combustion - Biomass	0	0	0	0	0	0	0
TOTAL BIOGENIC EMISSIONS	0	0	0	0	0	0	0

Optional EMISSIONS (metric tons)	CO2e	CO2	CH4	N2O	HFCs (CO2e)	PFCs (CO2e)	SF6
Scope 1 (Optional)	0	0	0	0	0	0	0
Scope 2 (Optional)	0	0	0	0	0	0	0
Scope 3 (Optional)	0	0	0	0	0	0	0
Biomass (Optional)	0	0	0	0	0	0	0
TOTAL Optional EMISSIONS	0	0	0	0	0	0	0

SIMPLIFIED ESTIMATION METHODS (metric tons)

SEMS Total (CO2e): 144.86233

%. 0.61428

CRIS: Climate Registry Information System

Entity Emissions Detailed Report

University of California, Santa Cruz

(Public)

6/3/2014 4:51:6 EDT



TOTAL EMISSIONS: UCSC Off-campus

Does the Entity control the Facility's emissions? Yes

Equity Share (%) N/A

DIRECT EMISSIONS (metric tons)							
	CO2e	CO2	CH4	N2O	HFCs (CO2e)	PFCs (CO2e)	SF6
Stationary Combustion - Scope 1	25.29233	25.22749	0.00238	0.00005	0	0	0
Mobile Combustion - Scope 1	0	0	0	0	0	0	0
Process - Scope 1	0	0	0	0	0	0	0
Fugitive - Scope 1	0	0	0	0	0	0	0
TOTAL DIRECT EMISSIONS	25.29233	25.22749	0.00238	0.00005	0	0	0

INDIRECT EMISSIONS (metric tons)							
	CO2e	CO2	CH4	N2O	HFCs (CO2e)	PFCs (CO2e)	SF6
Purchased Electricity - Scope 2	37.78892	37.61894	0.0019	0.00042	0	0	0
Purchased Heating - Scope 2	0	0	0	0	0	0	0
Purchased Cooling - Scope 2	0	0	0	0	0	0	0
Purchased Steam - Scope 2	0	0	0	0	0	0	0
TOTAL INDIRECT EMISSIONS	37.78892	37.61894	0.0019	0.00042	0	0	0

CRIS: Climate Registry Information System

Entity Emissions Detailed Report

University of California, Santa Cruz

(Public)

6/3/2014 4:51:6 EDT



BIOGENIC EMISSIONS (metric tons)	CO2e	CO2	CH4	N2O	HFCs (CO2e)	PFCs (CO2e)	SF6
Stationary Biomass Combustion - Biomass	0	0	0	0	0	0	0
Mobile Biomass Combustion - Biomass	0	0	0	0	0	0	0
TOTAL BIOGENIC EMISSIONS	0	0	0	0	0	0	0

Optional EMISSIONS (metric tons)	CO2e	CO2	CH4	N2O	HFCs (CO2e)	PFCs (CO2e)	SF6
Scope 1 (Optional)	0	0	0	0	0	0	0
Scope 2 (Optional)	0	0	0	0	0	0	0
Scope 3 (Optional)	0	0	0	0	0	0	0
Biomass (Optional)	0	0	0	0	0	0	0
TOTAL Optional EMISSIONS	0	0	0	0	0	0	0

SIMPLIFIED ESTIMATION METHODS (metric tons)

SEMS Total (CO2e): 0

%. 0