2015

Second Nature

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GHG Report for Pittsburg State University

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Submitted on October 28, 2016; last updated on October 28, 2016

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Summary Statistics

Making fair comparisons between higher education institutions is always challenging due to the rich diversity of higher education. The unverified nature of the information in this database and unavailability of unbiased normalization metrics means such comparisons are even more difficult. Users should therefore approach direct institution to institution comparisons with caution and recognize that all comparisons between institutions are inherently biased.

	Total	Per Full-Time Enrollment	Per 1000 Square Feet	% Offset
Gross emissions (Scopes 1 + 2)	19,301 metric tons of CO2e	3.2 metric tons of CO2e	9.2 metric tons of CO2e	0%
Gross emissions (Scopes 1	22,773 metric tons	3.8 metric tons of CO2e	10.8 metric tons	0%

+ 2 + 3)	of CO2e		of CO2e	
Net emissions	22,771 metric tons of CO2e	3.8 metric tons of CO2e	10.8 metric tons of CO2e	N/A

Emissions Inventory Methodology and Boundaries

Start date of the 12-month period covered in this report	January 1, 2014
Consolidation methodology used to determine organizational boundaries	Operational control approach

If any institution-owned, leased, or operated buildings or other holdings that should fall within the organizational boundaries are omitted, briefly explain why.

Nothing has been omitted.

Emissions calculation tool used	Clean Air-Cool Planet

Please describe why this tool was selected.

To maintain consistency because it was used for the previous inventory. Also used due to information obtained from the GHG reporting instructions and recommendations from University Sustainability Committee.

Please describe the source(s) of the emissions coefficients used.

CA-CP Campus Carbon Calculator's default emissions coefficients.

Which version of IPCC's list of global warming potentials did you use?	Fourth Assessment Report
Who primarily conducted this	Sustainability office staff

emissions inventory?

Please describe the process of conducting the inventory.

The inventory was supervised by the chair of the University Sustainability Committee and was conducted by members of that committee. Information was gathered from various University departments and statistics and surveys were conducted of students, faculty and staff.

Please describe any emissions sources that were classified as *de minimis* and explain how a determination of the significance of these emissions was made.

No information provided

Please describe any data limitations related to this submission and any major assumptions made in response to these limitations.

No information provided

Emissions Data

Emissions from the following sources (in metric tons of CO2e)

Scope 1 Emissions

Stationary Combustion	9,162.0 metric tons of CO2e
Mobile Combustion	215.0 metric tons of CO2e
Process Emissions	0.0 metric tons of CO2e
Fugitive Emissions	0.0 metric tons of CO2e
Total Scope 1 emissions	**9,377.0 metric tons of CO2e**

Scope 2 Emissions

Purchased Electricity	9,924.0 metric tons of CO2e
Purchased Heating	0.0 metric tons of CO2e
Purchased Cooling	0.0 metric tons of CO2e
Purchased Steam	0.0 metric tons of CO2e

Total Scope 2 emissions	**9,924.0 metric tons of CO2e**

Scope 3 Emissions

Commuting	2,867.0 metric tons of CO2e
Air Travel	605.0 metric tons of CO2e
Solid Waste	0.0 metric tons of CO2e
Total Scope 3 emissions	**3,472.0 metric tons of CO2e**

Biogenic Emissions

Biogenic Emissions from Stationary Combustion	0.0 metric tons of CO2e
Biogenic Emissions from Mobile Combustion	0.0 metric tons of CO2e

Mitigation Data

Carbon Offsets

Carbon offsets purchased	0.0 metric tons of CO2e
Offset verification program(s)	*No information provided*

Description of offsets purchased (including vendor, project source, etc.)

No information provided

Renewable Energy Certificates (RECs)

Total RECs purchased	0 kWh
Percent of total electricity consumption mitigated through the purchase of RECs	0.0 %
Emissions reductions due to the purchase	0.0 metric tons of CO2e

of RECs	
REC verification program(s)	*No information provided*

Description of RECs purchased (including vendor, project source, etc.)

No information provided

Sequestration and Carbon Storage

Sequestration due to land owned by the institution	*No information provided*

Description of how sequestration was calculated

No information provided

Carbon storage due to composting	2.0 metric tons of CO2e

Normalization and Contextual Data

Building Space

Gross square feet of building space	2,100,834.0 sq ft
Net assignable square feet of laboratory space	47,950.0 sq ft
Net assignable square feet of health care space	11,471.0 sq ft
Net assignable square feet of residential space	323,283.0 sq ft

Population

Total Student Enrollment (FTE)	5977.0
Residential Students	2320

Full-time Commuter Students	4475
Part-time Commuter Students	1502
Non-Credit Students	*No information provided*
Full-time Faculty	535
Part-time Faculty	*No information provided*
Full-time Staff	990
Part-time Staff	*No information provided*

Other Contextual Data

Endowment Size	*No information provided*
Heating Degree Days	5108
Cooling Degree Days	1151

Please describe any circumstances specific to your institution that provide context for understanding your greenhouse gas emissions this year.

No information provided

Supporting Documentation

Completed inventory narrative	*No information provided*
Completed inventory calculator	*No information provided*

Auditing and Verification

These emissions data have not been audited, verified, or peer-reviewed.