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GHG Report for Utah State University

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Submitted on April 6, 2015; last updated on April 6, 2015

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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)	69,185 metric tons of CO ₂ e	3.1 metric tons of CO ₂ e	8.3 metric tons of CO ₂ e	0%
Gross emissions (Scopes 1 + 2 + 3)	95,131 metric tons of CO ₂ e	4.3 metric tons of CO ₂ e	11.4 metric tons of CO ₂ e	0%
Net emissions	95,131 metric tons of CO ₂ e	4.3 metric tons of CO ₂ e	11.4 metric tons of CO ₂ e	N/A

Emissions Inventory Methodology and Boundaries

Start date of the 12-month period covered in this report	July 1, 2013
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.	
None	
Emissions calculation tool used	Clean Air-Cool Planet
Please describe why this tool was selected.	
<i>No information provided</i>	
Please describe the source(s) of the emissions coefficients used.	
<i>No information provided</i>	
Which version of IPCC's list of global warming potentials did you use?	<i>No information provided</i>
Who primarily conducted this emissions inventory?	Faculty
Please describe the process of conducting the inventory.	
Mass Balance	
Please describe any emissions sources that were classified as <i>de minimis</i> and explain how a determination of the significance of these emissions was made.	
<i>No information provided</i>	
Please describe any data limitations related to this submission and any major assumptions made in response to these limitations.	
<i>No information provided</i>	

Emissions Data

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

Scope 1 Emissions	
Stationary Combustion	47,651.66 metric tons of CO ₂ e
Mobile Combustion	2,974.17 metric tons of CO ₂ e
Process Emissions	0.0 metric tons of CO ₂ e
Fugitive Emissions	3,494.93 metric tons of CO ₂ e
Total Scope 1 emissions	54,120.76 metric tons of CO₂e
Scope 2 Emissions	
Purchased Electricity	15,064.31 metric tons of CO ₂ e
Purchased Heating	0.0 metric tons of CO ₂ e
Purchased Cooling	0.0 metric tons of CO ₂ e
Purchased Steam	0.0 metric tons of CO ₂ e
Total Scope 2 emissions	15,064.31 metric tons of CO₂e
Scope 3 Emissions	
Commuting	4,879.43 metric tons of CO ₂ e
Air Travel	15,707.68 metric tons of CO ₂ e
Solid Waste	5,359.07 metric tons of CO ₂ e
Total Scope 3 emissions	25,946.18 metric tons of CO₂e
Biogenic Emissions	
Biogenic Emissions from Stationary Combustion	<i>No information provided</i>
Biogenic Emissions from Mobile Combustion	<i>No information provided</i>

Mitigation Data

Carbon Offsets

Carbon offsets purchased	0.0 metric tons of CO2e
Offset verification program(s)	<i>No information provided</i>
Description of offsets purchased (including vendor, project source, etc.) <i>No information provided</i>	
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 of RECs	0.0 metric tons of CO2e
REC verification program(s)	<i>No information provided</i>
Description of RECs purchased (including vendor, project source, etc.) <i>No information provided</i>	
Sequestration and Carbon Storage	
Sequestration due to land owned by the institution	<i>No information provided</i>
Description of how sequestration was calculated <i>No information provided</i>	
Carbon storage due to composting	<i>No information provided</i>

Normalization and Contextual Data

Building Space	
Gross square feet of building space	8,377,480.0 sq ft

Net assignable square feet of laboratory space	1,715,980.0 sq ft
Net assignable square feet of health care space	0.0 sq ft
Net assignable square feet of residential space	1,373,337.0 sq ft
Population	
Total Student Enrollment (FTE)	22307.0
Residential Students	<i>No information provided</i>
Full-time Commuter Students	<i>No information provided</i>
Part-time Commuter Students	<i>No information provided</i>
Non-Credit Students	<i>No information provided</i>
Full-time Faculty	983
Part-time Faculty	38
Full-time Staff	1980
Part-time Staff	244
Other Contextual Data	
Endowment Size	242062122
Heating Degree Days	10081
Cooling Degree Days	1694
Please describe any circumstances specific to your institution that provide context for understanding your greenhouse gas emissions this year.	
<i>No information provided</i>	

Supporting Documentation

Completed inventory narrative	<i>No information provided</i>
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