1. Methodology & Boundaries

**\*Start date of the 12-month period covered in this report**

July 1, 2015

**Consolidation methodology used to determine organizational boundaries**

*No Information Provided*

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

not applicable

**\*Emissions calculation tool used**

SIMAP

**Please describe why this tool was selected**

*No Information Provided*

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

*No Information Provided*

**Which version of IPCC's list of global warming potentials did you use?**

Fourth Assessment Report

**\*Who primarily conducted this emissions inventory?**

Sustainability office staff

**Please describe the process of conducting the inventory.**

Primarily via capturing data from utilities billing system and animal inventory.

**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.**

Since the central business office does not clearly track total air miles travelled, a ratio based off a smaller sample size was applied to total travel expenditures.

2. Emissions Data

**Scope One**

**\*Stationary Combustion**

253,776.4 MTCO2e

**\*Mobile Combustion**

4,743.73 MTCO2e

**\*Process Emissions**

0 MTCO2e

**\*Fugitive Emissions**

4,133.57 MTCO2e

**Total Scope 1 emissions**

262,652 MTCO2e

**Scope Two**

**\*Purchased Electricity**

171,061.79 MTCO2e

**\*Purchased Heating**

0 MTCO2e

**\*Purchased Cooling**

0 MTCO2e

**\*Purchased Steam**

0 MTCO2e

**Total Scope 2 emissions**

171,061 MTCO2e

**Scope Three**

**\*Commuting**

10,774.39 MTCO2e

**\*Air Travel**

32,955.86 MTCO2e

**Waste Generated in Operations**

-157.8 MTCO2e

**Fuel and energy related to activities (not included in scope 1 or scope 2)**

0 MTCO2e

**Purchased goods and services**

0 MTCO2e

**Total Scope 3 emissions**

43,572 MTCO2e

**Biogenic Emissions**

**Biogenic Emissions from Stationary Combustion**

0 MTCO2e

**Biogenic Emissions from Mobile Combustion**

0 MTCO2e

**Upload the completed inventory calculator**

https://reporting.secondnature.org/media/uploads/ghg/1375-2016-inventorycalculator.xlsm

3. Mitigation Data

**Campus Energy (all sources)**

**\*Total Purchased Electricity Consumption**

208,252,503 kWh

**\*On-Site Electricity Generation for Campus Consumption**

253,061,611 kWh

**Total Electricity Demand**

461,314,114 kWh

**\*Purchased Thermal Energy**

0 MMBTU

**\*On-site Thermal Energy Generation**

1,645,451 MMBTU

**Total Thermal Demand**

1,645,451 MMBTU

**On Campus Renewable Energy Generation**

**\*Solar Sold**

0 kWh

**\*Solar Retained**

3,928,765 kWh

**Solar Verification**

notverified

**\*Wind Sold**

0 kWh

**\*Wind Retained**

0 kWh

**Wind Verification**

*No Information Provided*

**\*Fuel Cell Sold**

0 kWh

**\*Fuel Cell Retained**

0 kWh

**Fuel Cell Verification**

*No Information Provided*

**\*Landfill Gas Sold**

0 kWh

**\*Landfill Gas Retained**

0 kWh

**Landfill Gas Verification**

*No Information Provided*

**\*Biomass (electric) Sold**

0 kWh

**\*Biomass (electric) Retained**

0 kWh

**Biomass (electric) Verification**

*No Information Provided*

**\*Biomass (thermal) Sold**

0 MMBTU

**\*Biomass (thermal) Retained**

0 MMBTU

**Biomass (thermal) Verification**

*No Information Provided*

**\*Geothermal Sold**

0 MMBTU

**\*Geothermal Retained**

0 MMBTU

**Geothermal Verification**

*No Information Provided*

**Total Sold**

0 kWh

**Total Retained**

3,928,765 kWh

**Total Generation kWh (sold + retained)**

3,928,765 kWh

**If you are selling RECs from campus renewable projects, at what date do you anticipate you will begin retaining those RECs?**

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

**Off Campus Renewable Energy Purchases**

**\*Utility Green Pricing Purchased**

0kWh

**Utility Green Pricing RECs retained?**

no

**Utility Green Pricing Verification**

*No Information Provided*

**\*Competitive Suppliers Purchased**

0 kWh

**Competitive Suppliers RECs retained?**

no

**Competitive Suppliers Verification**

*No Information Provided*

**\*Voluntary Unbundled RECs Purchased**

0 kWh

**Voluntary Unbundled RECs RECs retained?**

no

**Voluntary Unbundled RECs Verification**

*No Information Provided*

**\*Community Choice Aggregation Purchased**

0 kWh

**Community Choice Aggregation RECs retained?**

no

**Community Choice Aggregation Verification**

*No Information Provided*

**\*Community Solar Purchased**

0 kWh

**Community Solar RECs retained?**

no

**Community Solar Verification**

*No Information Provided*

**\*Power Purchase Agreement Purchased**

0 kWh

**Power Purchase Agreement RECs retained?**

no

**Power Purchase Agreement Verification**

*No Information Provided*

**\*Large Commercial Green Power Rates ("green tarrifs") Purchased**

0 kWh

**Large Commercial Green Power Rates ("green tarrifs") RECs retained?**

no

**Large Commercial Green Power Rates ("green tarrifs") Verification**

*No Information Provided*

**Other Purchased**

*No Information Provided*kWh

**Verification Program RECs retained?**

no

**Verification Program Verification**

*No Information Provided*

**Total REC Purchases**

0 kWh

**Description of Renewable Energy Purchase (including vendor, project source, etc.)**

*No Information Provided*

**Offsets**

**\*Carbon offsets purchased**

0 MTCO2e

**Offset verification program(s)**

[]

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

*No Information Provided*

**\*Offsets Sold**

64,170 MTCO2e

**Were these offsets used to offset the buyers emissions or retired?**

no

**Used to offset purchaser's emissions**

yes

**Retired against the climate**

no

**If other, please specify**

*No Information Provided*

**Description of offset projects (including project source, etc.)**

*No Information Provided*

**Offsets Produced**

0 MTCO2e

**Offset Type**

*No Information Provided*

**Description of offset projects (including project source, etc.)**

*No Information Provided*

**Offsets produced verification program(s)**

[]

**Description of Verification Protocol (including monitoring proceedures, peer review, etc.)**

*No Information Provided*

**Offsetproducedverficationfile**

*No Information Provided*

**Sequestration & Carbon Storage**

**Sequestration due to land owned by the institution**

0

**Description of how sequestration was calculated**

*No Information Provided*

**Carbon storage due to composting**

0

4. Normalization & Contextual Data

**\*Gross square feet of building space**

21,625,434 sq ft

**Net assignable square feet of laboratory space**

1,709,499 sq ft

**Net assignable square feet of health care space**

0 sq ft

**Net assignable square feet of residential space**

0 sq ft

**\*Total student enrollment (FTE)**

45,375

**Residential Students**

0

**Full-time Commuter Students**

0

**Part-time Commuter Students**

0

**Non-credit Students**

0

**Full-time Faculty**

0

**Part-time Faculty**

0

**Full-time Staff**

0

**Part-time Staff**

0

**Endowment Size**

$0.00 USD

**Heating Degree Days**

0

**Cooling Degree Days**

0

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

*No Information Provided*

**Has this emissions data been audited, verified, or peer-reviewed?**

false *No Information Provided*

**Please briefly describe this verification, if any.**

*No Information Provided*

5. Progress Metrics

**Has your Climate Action Plan and/or related sustainability efforts saved your institution money so far, e.g. by reducing operational expenses?**

yes

**Estimated money saved to date from implementing your CAP**

*No Information Provided*

**Borrowed against endowment**

no

**Efficiency Services Agreement (ESA)**

no

**Managed Utility Service Contract (MUSC)**

no

**Power Purchase Agreement (PPA)**

yes

**Renegotiating Purchased Utilities Agreements**

no

**Revolving Loan Funds**

yes

**Tax Exempt Lease Purchase Agreements (TELP)**

no

**Tax Exempt Lease Purchase Agreements (TELP)**

no

**Student Green Fees**

yes

**Energy Performance Contract (EPC)**

yes

**Other**

no

**Other - please provide more information:**

*No Information Provided*

**How is your institution making climate neutrality and sustainability a part of the curriculum and other educational experiences for all students?**

Hundreds of courses now are dedicated to sustainability or include a sustainability component to their curriculum. In addition to several majors with heavy sustainability coursework, there is now a dedicated sustainability minor as well as a Certificate in Environmental Writing.

**Included sustainability learning outcomes, tracks, or certificates in every academic major.**

no

**Included sustainability in fulfilling regional accreditation requirements.**

no

**Included sustainability in fulfilling state accreditation requirements.**

no

**Included sustainability learning outcomes into institutional General Education Requirements.**

no

**Offered professional development to all faculty in sustainability education.**

no

**Other**

no

**Other text**

*No Information Provided*

**If applicable, how is your institution expanding research efforts toward the achievement of climate neutrality research?**

Our Institute for Sustainability, Energy, and Environment coordinates research from faculty across all disciplines and provides a central hub for all of our climate-related research.

**How is your institution expanding community outreach efforts toward the achievement of climate neutrality?**

Community members are invited to our Climate Action Plan forum. University leadership directly liaises with the Champaign Urbana Metropolitan Transit District. Faculty and staff serve in a wide variety of community roles to support climate change mitigation.