1. Methodology & Boundaries

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

July 1, 2019

**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.**

n/a

**\*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?**

*No Information Provided*

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

Sustainability office staff

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

*No Information Provided*

**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*

2. Emissions Data

**Scope One**

**\*Stationary Combustion**

190,122.1 MTCO2e

**\*Mobile Combustion**

2,685.38 MTCO2e

**\*Process Emissions**

0 MTCO2e

**\*Fugitive Emissions**

4,355.98 MTCO2e

**Total Scope 1 emissions**

197,162 MTCO2e

**Scope Two**

**\*Purchased Electricity**

152,907.44 MTCO2e

**\*Purchased Heating**

0 MTCO2e

**\*Purchased Cooling**

0 MTCO2e

**\*Purchased Steam**

0 MTCO2e

**Total Scope 2 emissions**

152,907 MTCO2e

**Scope Three**

**\*Commuting**

18,667.63 MTCO2e

**\*Air Travel**

30,562.18 MTCO2e

**Waste Generated in Operations**

0 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**

49,229 MTCO2e

**Biogenic Emissions**

**Biogenic Emissions from Stationary Combustion**

0 MTCO2e

**Biogenic Emissions from Mobile Combustion**

0 MTCO2e

**Upload the completed inventory calculator**

3. Mitigation Data

**Campus Energy (all sources)**

**\*Total Purchased Electricity Consumption**

222,440,405 kWh

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

0 kWh

**Total Electricity Demand**

222,440,405 kWh

**\*Purchased Thermal Energy**

0 MMBTU

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

0 MMBTU

**Total Thermal Demand**

0 MMBTU

**On Campus Renewable Energy Generation**

**\*Solar Sold**

0 kWh

**\*Solar Retained**

7,318,941 kWh

**Solar Verification**

*No Information Provided*

**\*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**

7,318,941 kWh

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

7,318,941 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**

23,332,000 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**

23,332,000 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**

0 MTCO2e

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

no

**Used to offset purchaser's emissions**

no

**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**

22,753,687 sq ft

**Net assignable square feet of laboratory space**

0 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)**

51,196

**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?**

true

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

We work with Second Nature and SCS Global to verify our greenhouse gas emissions.

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?**

no

**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?**

Environmental Sustainability is one of the University's Guiding Principles and the Institute for Sustainability, Energy, and Environment is leading efforts to incorporate sustainability in curriculum across campus and as part of freshmen and new student orientation. A teaching fellowship is also offered to provide the resources to integrate a sustainability component into course programs. Progress is being made to implement a sustainability general education requirement.

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

yes

**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.**

yes

**Other**

no

**Other text**

*No Information Provided*

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

The Institute for Sustainability, Energy, and Environment (iSEE) coordinates sustainability research across the University and encourages interdisciplinary collaboration. iSEE seed-funds and secures multimillion-dollar external grants, and shepherds projects, centers, and initiatives in climate solutions, energy transitions, secure and sustainable agriculture, sustainable infrastructure, and water and land stewardship.

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

We work closely with the local communities to address challenges and resilience and climate change mitigation strategies and solutions. We have seven Sustainability Working Advisory Teams; one of these themes is Resilience, which includes city staff representation to discuss how we can work together to achieve carbon neutrality and be a more sustainable community. iSEE hosts events and programs, open to the community, to spread awareness of climate neutrality goals and initiatives and engage all members of our community. These programs include TED Talk viewing parties and discussions, a waste reduction challenge, and a plastic-free challenge.