CLIMATE ACTION AND SUSTAINABILITY
at Miami University | April 2026

MIAMI 2040 CLIMATE ACTION PLAN

Miami University is committed to decarbonizing campus and achieving carbon neutrality by 2040.

- The two solar arrays in the new Sharon and Graham Mitchell Sustainability Park (photo above) are part of the Miami 2040 Climate Action strategy to decarbonize Miami's energy-based emissions.
- Miami will reduce carbon emissions from energy use, commuting, and university-financed air travel as much as possible by 2040 . The unavoidable remainder will be offset or addressed by renewable energy credits (RECs).

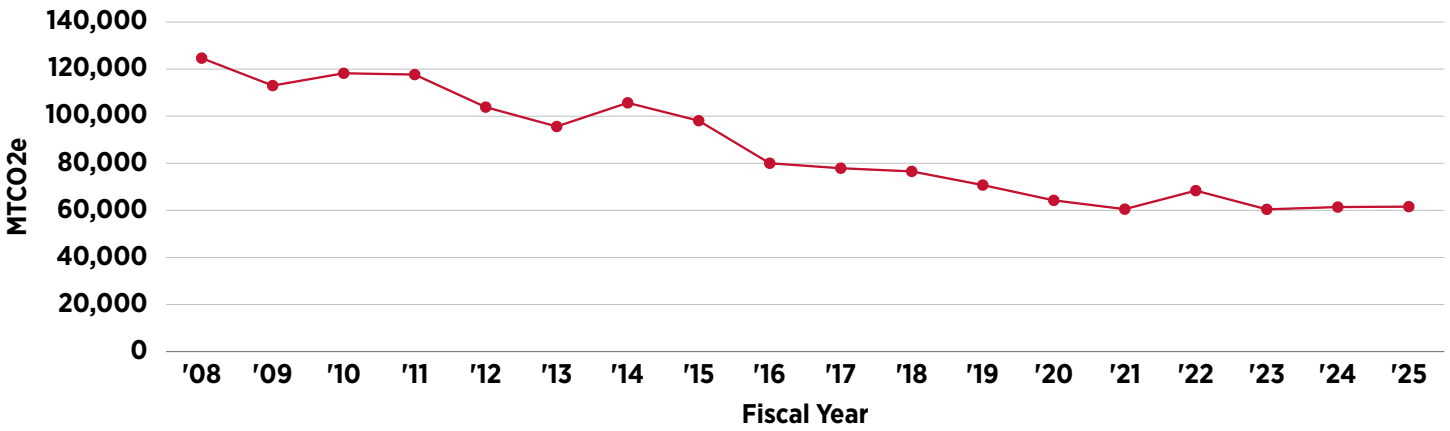
MAJOR SUCCESSES

- At Miami, thanks to energy systems transformations, we have reduced energy-based carbon emissions by more than 50% since 2008.
- Miami has realized more than $125 million in accumulated cost savings (2008-2025) from building improvements, conservation, and energy systems conversions.

$125 million
ACCUMULATED COST SAVINGS
2008-2025

50%
REDUCTION IN ENERGY-BASED CARBON EMISSIONS
SINCE 2008

Energy-based carbon emissions (MTCO2e) per year



Generating solar power, creating green spaces: The Sharon and Graham Mitchell Sustainability Park's two solar arrays will produce around 2,000 megawatt hours (MWh) of electricity annually.

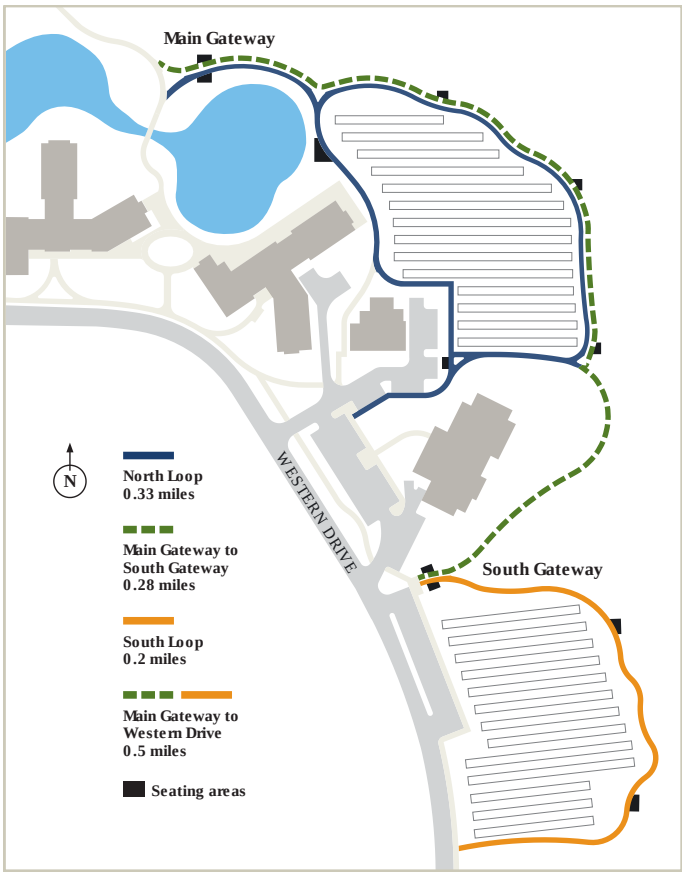
LEARN MORE →

THE SHARON AND GRAHAM MITCHELL SUSTAINABILITY PARK

The park, which opened in spring 2026, features two solar arrays: the Western Solar North array with 1,800 solar panels, and Western Solar South array with 1,536 solar panels. Together, they will produce around 2,000 megawatt hours (MWh) of electricity annually.

- The Western Solar North array sits on top of Miami's Western Geothermal Wellfield. Completed in 2014, the wellfield consists of 690 geothermal wells, each 600 feet deep.
- This is the first co-located solar and geothermal project on a college campus and is the largest solar array in Butler County, Ohio.
- The park features walking paths, seating areas, lighting and informational signage. Trail connectors from the walking paths lead to nearby Miami University Natural Areas trails.
- Miami received the Climate Luminary Honors award from Second Nature (March 2026) for exemplary climate leadership in decarbonization, in recognition of the park.

Plan your visit at **MiamiOH.edu/map**.



NORTH GEOTHERMAL PLANT AT BILLINGS HALL

Expansion of geothermal.
Miami's second geothermal ground exchange facility opened in spring 2026. Using the heat exchange from 520 wells, 850 feet deep, it will reduce carbon emissions on the Oxford campus by 5,810 MTCO2 per year. Thanks to this expanded geothermal exchange plus the two solar arrays at the Mitchell Sustainability Park, Miami's utility-based carbon emissions are expected to be reduced an additional 10% this year.

CHESTNUT STREET MULTIMODAL STATION

Investment in connectivity and sustainability.
This new Butler County Regional Transit Authority (BCRTA) facility opened in fall 2025, in partnership with Miami University and the city of Oxford. The "future ready" transportation hub has infrastructure in place for battery, electric, and hydrogen powered vehicles. It is positioned to support a future Amtrak platform network in Oxford with the Cardinal Line. BCRTA's fixed routes and SafeRide service are free for all riders — no ID required.

MIAMI UNIVERSITY | PHYSICAL FACILITIES DEPARTMENT *Sustainability*

Visit the Sustainability at Miami website, learn more about the Miami 2040 Climate Action Plan, at **MiamiOH.edu/Sustainability**

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