



The **Sustainability Tracking, Assessment & Rating System™** (STARS) is a transparent, self-reporting framework for colleges and universities to measure their sustainability performance.

Reporting Tool

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Overall Rating	Expired
Overall Score	Expired
Liaison	Andrew Horning
Submission Date	June 30, 2015
Executive Letter	Download

## University of Michigan OP-9: Clean and Renewable Energy

Status	Score	Responsible Party
✓	Expired	<b>Kenneth Keeler</b> Senior Sustainability Rep Office of Campus Sustainability

### STARS v2.0

**INSTITUTIONAL CHARACTERISTICS**

INSTITUTIONAL CHARACTERISTICS

- IC-1: Institutional Boundary
- IC-2: Operational Characteristics
- IC-3: Academics and Demographics

**ACADEMICS**

CURRICULUM

- AC-1: Academic Courses
- AC-2: Learning Outcomes
- AC-3: Undergraduate Program
- AC-4: Graduate Program
- AC-5: Immersive Experience
- AC-6: Sustainability Literacy Assessment
- AC-7: Incentives for Developing Courses
- AC-8: Campus as a Living Laboratory

**RESEARCH**

- AC-9: Academic Research
- AC-10: Support for Research
- AC-11: Access to Research

**ENGAGEMENT**

CAMPUS ENGAGEMENT

- EN-1: Student Educators Program
- EN-2: Student Orientation
- EN-3: Student Life
- EN-4: Outreach Materials and Publications
- EN-5: Outreach Campaign
- EN-6: Employee Educators Program
- EN-7: Employee Orientation
- EN-8: Staff Professional

Reporting Fields Credit Info

"---" indicates that no data was submitted for this field

Total energy consumption (all sources, transportation fuels excluded), performance year:

7,636,595 MMBtu

Clean and renewable energy from the following sources::

	Performance Year
Option 1: Clean and renewable electricity generated on-site during the performance year and for which the institution retains or has retired the associated environmental attributes	0 MMBtu
Option 2: Non-electric renewable energy generated on-site	0 MMBtu
Option 3: Clean and renewable electricity generated by off-site projects that the institution catalyzed and for which the institution retains or has retired the associated environmental attributes	0 MMBtu
Option 4: Purchased third-party certified RECs and similar renewable energy products (including renewable electricity purchased through a certified green power purchasing option)	32,520 MMBtu

A brief description of on-site renewable electricity generating devices :

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A brief description of on-site renewable non-electric energy devices:

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A brief description of off-site, institution-catalyzed, renewable electricity generating devices:

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## Development

### PUBLIC ENGAGEMENT

- EN-9: Community Partnerships
- EN-10: Inter-Campus Collaboration
- EN-11: Continuing Education
- EN-12: Community Service
- EN-13: Community Stakeholder Engagement
- EN-14: Participation in Public Policy
- EN-15: Trademark Licensing
- EN-16: Hospital Network

### OPERATIONS

#### AIR & CLIMATE

- OP-1: Greenhouse Gas Emissions
- OP-2: Outdoor Air Quality

#### BUILDINGS

- OP-3: Building Operations and Maintenance
- OP-4: Building Design and Construction
- OP-5: Indoor Air Quality

#### DINING SERVICES

- OP-6: Food and Beverage Purchasing
- OP-7: Low Impact Dining

#### ENERGY

- OP-8: Building Energy Consumption
- OP-9: Clean and Renewable Energy

#### GROUNDS

- OP-10: Landscape Management
- OP-11: Biodiversity

#### PURCHASING

- OP-12: Electronics Purchasing
- OP-13: Cleaning Products Purchasing
- OP-14: Office Paper Purchasing
- OP-15: Inclusive and Local Purchasing
- OP-16: Life Cycle Cost Analysis
- OP-17: Guidelines for Business Partners

#### TRANSPORTATION

- OP-18: Campus Fleet
- OP-19: Student Commute Modal Split
- OP-20: Employee Commute Modal Split
- OP-21: Support for Sustainable Transportation

#### WASTE

- OP-22: Waste Minimization
- OP-23: Waste Diversion
- OP-24: Construction and Demolition Waste Diversion

A brief description of the RECs and/or similar renewable energy products:

U-M purchases RECs through the DTE Green Currents program from energy created by two wind turbines in northern Michigan.

The website URL where information about the institution's renewable energy sources is available:

<http://sustainability.umich.edu/content/u-m-holds-line-energy-use-despite-significant-campus-growth-0>

The information presented here is self-reported. While AASHE staff review portions of all STARS reports and institutions are welcome to seek additional forms of review, the data in STARS reports are not verified by AASHE. If you believe any of this information is erroneous or inconsistent with credit criteria, please review the [process for inquiring](#) about the information reported by an institution and complete the [Data Inquiry Form](#).

OP-25: Hazardous Waste Management

**WATER**

OP-26: Water Use

OP-27: Rainwater Management

OP-28: Wastewater Management

**PLANNING & ADMINISTRATION**

**COORDINATION, PLANNING & GOVERNANCE**

PA-1: Sustainability Coordination

PA-2: Sustainability Planning

PA-3: Governance

**DIVERSITY & AFFORDABILITY**

PA-4: Diversity and Equity Coordination

PA-5: Assessing Diversity and Equity

PA-6: Support for Underrepresented Groups

PA-7: Support for Future Faculty Diversity

PA-8: Affordability and Access

**HEALTH, WELLBEING & WORK**

PA-9: Employee Compensation

PA-10: Assessing Employee Satisfaction

PA-11: Wellness Program

PA-12: Workplace Health and Safety

**INVESTMENT**

PA-13: Committee on Investor Responsibility

PA-14: Sustainable Investment

PA-15: Investment Disclosure

**INNOVATION**

**INNOVATION**

IN-1: Innovation 1

IN-2: Innovation 2

IN-3: Innovation 3

IN-4: Innovation 4



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