

Creating a More Resilient Washtenaw



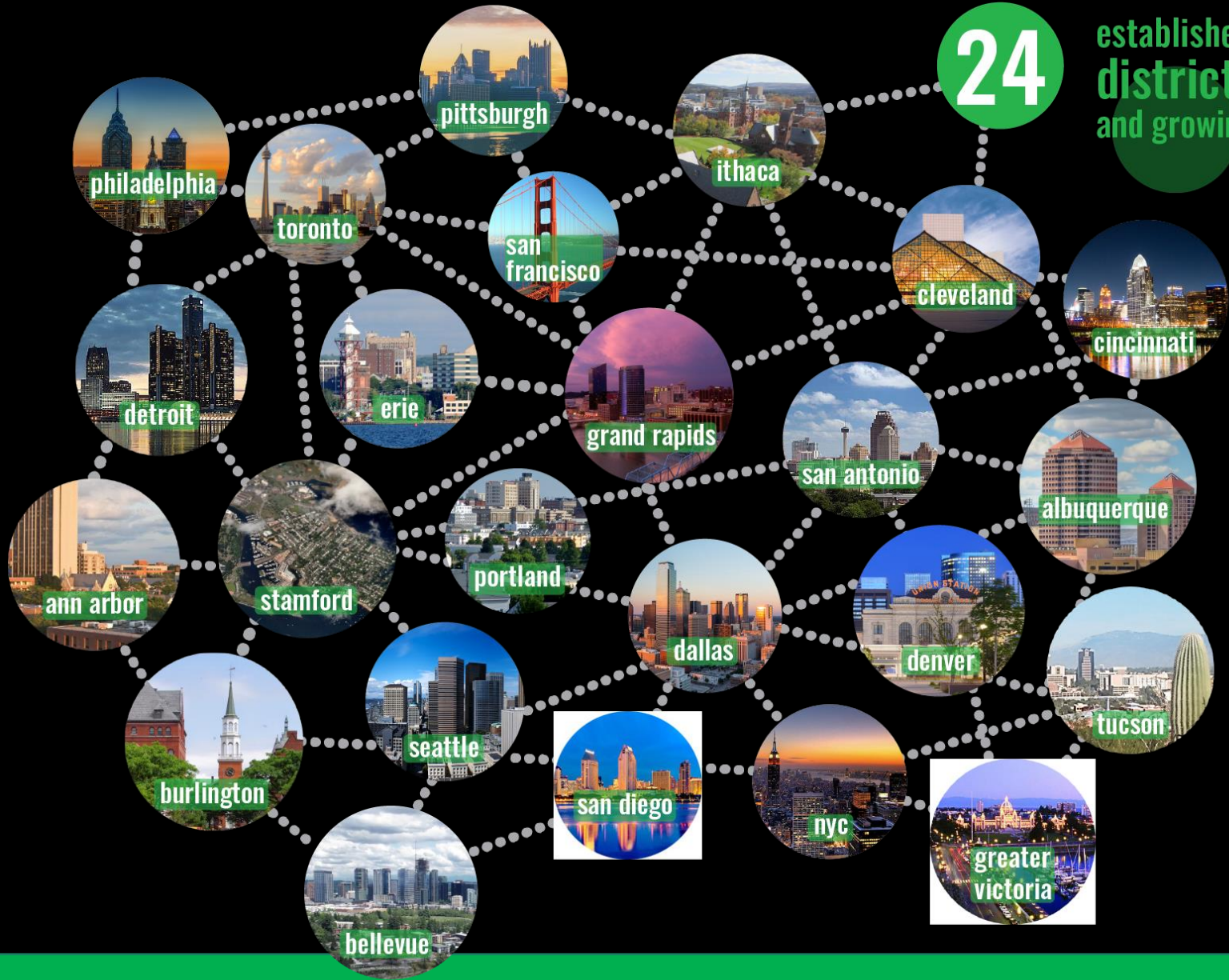
Accelerating to Zero
Faster Together!

Jan Culbertson, FAIA
Lissa Spitz, Program Manager

District Sponsors



24 established districts and growing



part of a network across North America

2030 Districts Network





**Working with A²ZERO and Resilient Washtenaw to
achieve decarbonization goals**

**Commercial, Non-Profit, Municipal, Multifamily
building sectors**

Programs serving Washtenaw County



DECARBONIZATION ROADMAP

advocate.



**Benchmark and Track
Energy Usage**



**Conduct an Energy
Audit**



**Improve Energy
Efficiency**



**Transition to Renewable
Energy**

Resources for every phase of your journey...

MyPortfolio

Sharing

Reporting

Recognition

The Power of Integrated Benchmarking

Benchmarking is about empowering organizations to ...



Measure



Compare



Diagnose



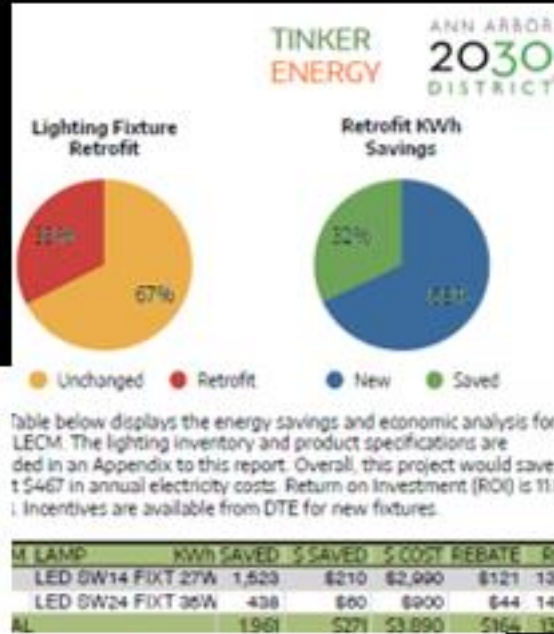
Improve



Optimize

Benchmark with the 2030 District

Energy Management Grant Program



DECARBONIZATION TIMELINE

Tri Delta Iota House
718 Tappan Ave., Ann Arbor, MI



ASHRAE Level II Audits
Commissioning
Decarbonization Planning

\$50,000 2022
\$65,000 2023

Funding **\$85,000 in 2024**



Funding for energy efficiency:

- 2030 D Energy Management Grant
- IRA Rebates
- EGLE Community Energy Management Grant
- State Rebates (coming October 2024)
- Utility Rebates
- Michigan Saves (low/no interest loans)



Connecting you with efficiency resources...

Need help procuring solar for your site?

COMPLETE FORM TO GET ASSISTANCE



A²ZERO | February 28, 2023
12:00-1:00pm
Webinar

**ANN ARBOR
2030
DISTRICT**

COMMERCIAL SOLAR PROGRAM LAUNCH

Brought to you by the Ann Arbor Office of Sustainability and Innovations and the Ann Arbor 2030 District

Join the City and the 2030 District as they introduce a new Ann Arbor Area Commercial Solar program which will help businesses determine solar feasibility and financial benefits, find vetted contractors, and evaluate bids.

Register here:
<https://us02web.zoom.us/join/register/WN-tCB18o-VQ1gZX-vCkDaGvD>

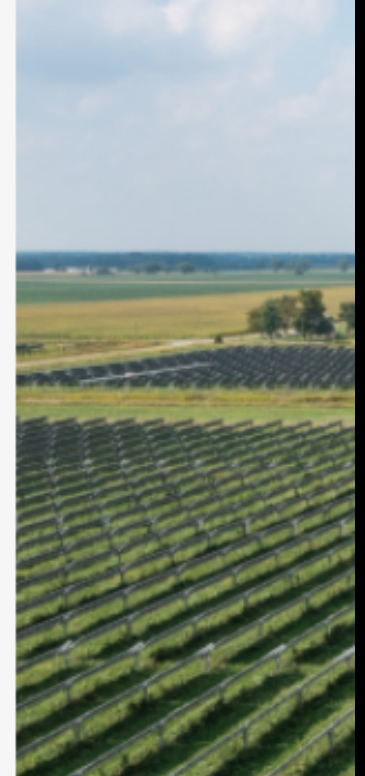


Solar Technical Assistance – Installation & financing

Support Michigan-Made Renewable Energy

MIGreenPower is a simple and affordable program that puts more clean energy on the grid. When we work together, the impact we can make is significant.

Our 50-plus wind and solar parks already generate enough clean energy to power more than 750,000 homes. Your support of MIGreenPower helps us achieve our plan to generate enough energy from Michigan wind and solar to power more than one million homes by 2025.



650

kWh per month

	Added Clean Energy	Total Clean Energy	Equal to Planting	Equal to Removing	Monthly Cost
Flex - \$0.0034 / kWh	<input type="button" value="−"/> 5% <input type="button" value="+"/>	20.0%	7.1 trees	0.1 cars	-\$0.11

Renewable Energy – a small savings!



Join the District!



**Professional
Stakeholders**

\$500

Annually

[Join Now!](#)



**Property Owners,
Managers and
Developers**

FREE

[Join Now!](#)



**Community
Stakeholders**

FREE

[Join Now!](#)

Get started with us!

Gather with us June 26 4:30-8

Workshops specific to:

- *Municipalities*
- *Non-profits*
- *Multi-family Property Managers*
- *Electrification strategies*
- *Funding*

Networking & Awards!

2030districts.org/annarbor/



Education

Annual Summit





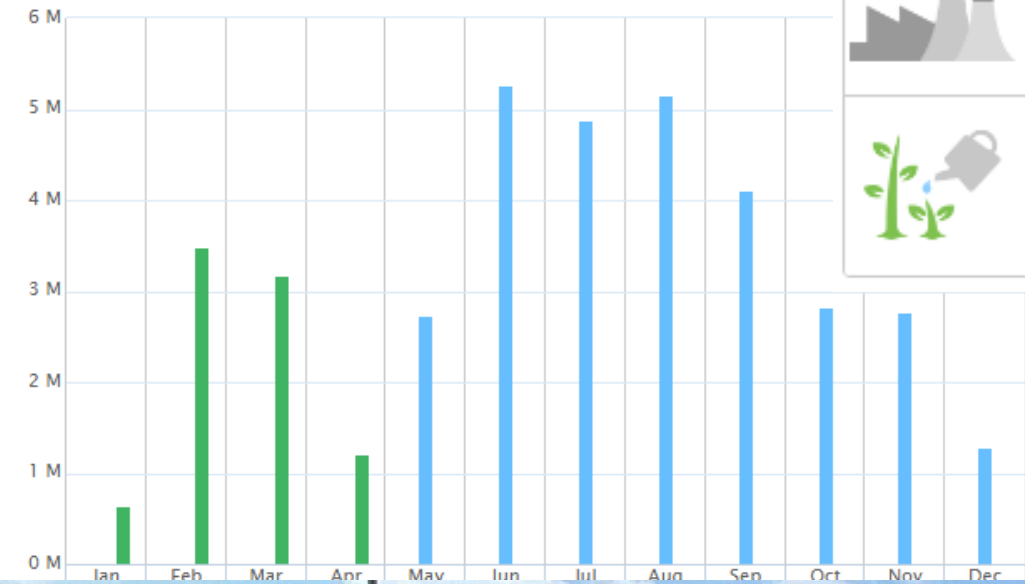
- 2020** *Joined A2 2030 District*
- 2020** *Benchmarking on ESPM*
- 2020** *Energy Audit (2030 D)*
- 2021** *Environmental Sustainability Task Force formed*
- 2021** *MIGreen Power Enrollment at 85%*
- 2022** *Community Energy Management Grant*
Retro-commissioning Township Hall
141 light fixture replacement Township Hall
- 2022** *Carbon Neutrality Resolution passed*
- 2023** *Environmental Sustainability Climate Action Plan completed*
- 2023** *1st annual sustainability fair*
- 2023** *Fire Station Solar Project*
2024 Native Planting workshop
- 2023** *Joined Michigan Green Communities*
- 2024** *Community Energy Management Grant Proposal*
HVAC rooftop replacement options study
HVAC rooftop replacement

Case Study Scio Township

Comparative Energy

Month Quarter Year

Wh 2022 2023 2024



Environmental Benefits



CO2 Emission Saved
58,147.29 lb



Equivalent Trees Planted
439.36

Need help procuring solar for your site?

[COMPLETE FORM TO GET ASSISTANCE](#)

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ANN ARBOR
2030
DISTRICT



38.6 kW ground mounted solar + 85% MIGreenPower

ANN ARBOR/WASHTENAW

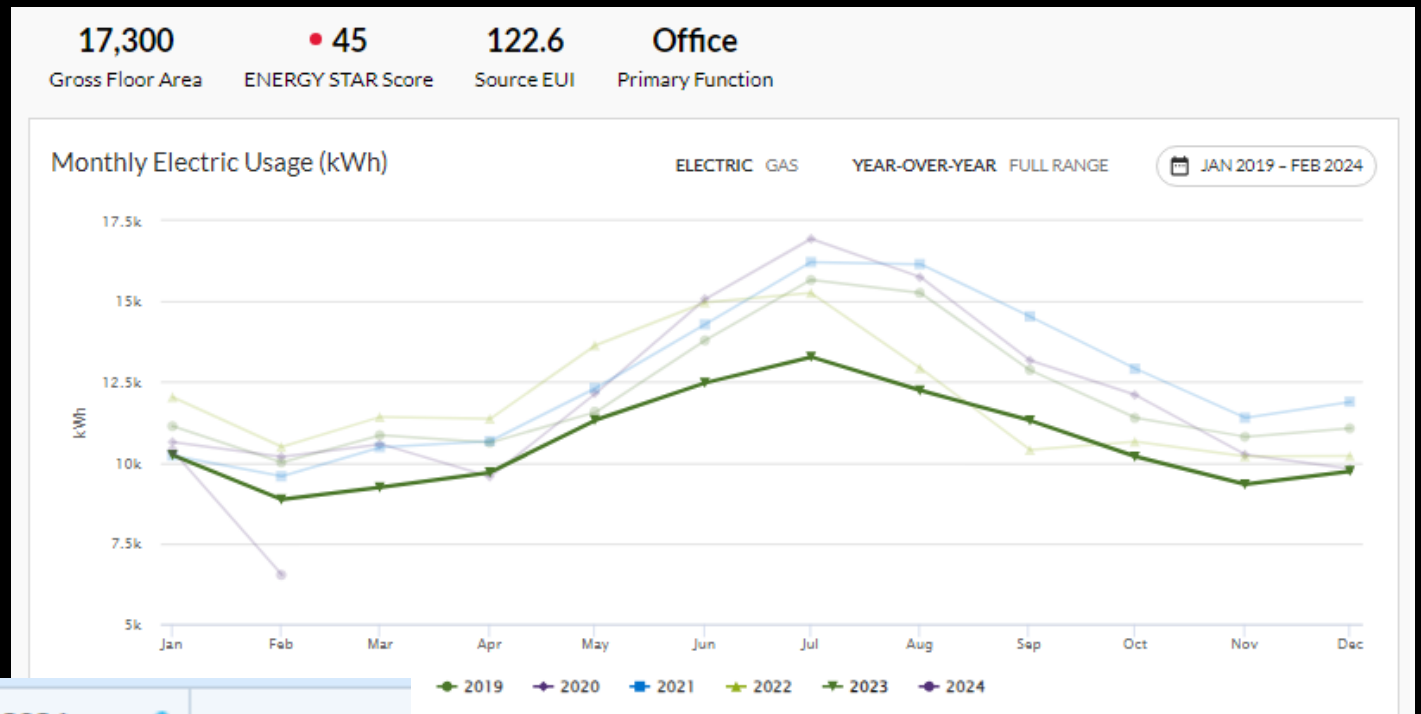


2019 to 2023

Township Hall

**11.8 % reduction in electricity
added 3 FTEs**

65% reduction in GHG emissions



Metric	Dec 2019 (Energy Baseline)	Jan 2024 (Energy Current)	Change
ENERGY STAR Score (1-100)	39	45	6.00 (15.40%)
Source EUI (kBtu/ft ²)	138.4	122.6	-15.80 (-11.40%)
Site EUI (kBtu/ft ²)	84.2	74.6	-9.60 (-11.40%)



Benchmark and Track