



MID-OHIO REGIONAL
MORPC
PLANNING COMMISSION

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Energy and Air Quality Working Group Meeting
Mid-Ohio Regional Planning Commission
Microsoft Teams Meeting
Tuesday, November 24th, 2020
2:00pm

AGENDA

1. **Welcome.** *Dale Arnold, Chair (2:00 pm)*
2. **2021 Working Group Priorities.** *Brooke White, MORPC (2:05pm)*
3. **Policy Update,** *Joe Garrity, MORPC (2:25 pm)*
4. **MORPC staff updates,** *MORPC staff (2:35pm)*
 - a. **Regional Sustainability Agenda**
 - b. **Clean Energy Acceleration Program survey results**
 - c. **Energy Star partnership**
 - d. **End of Ozone Season**
5. **Solar Subcommittee,** *Craig Foster, Energility (2:50pm)*
6. **Diversity and Environmental Justice Subcommittee update,** *Nolan Rutschilling, Ohio Hospital Association (3:00pm)*
7. **Air Quality Monitoring Subcommittee,** *Ayaz Hyder, The Ohio State University (3:10pm)*
8. **Chair and Vice Chair Election,** *Dale Arnold, Chair (3:20pm)*
9. **Adjourn (3:30pm)**

Please Notify Brooke White 520-331-4359 or bwhite@morpc.org to confirm your attendance.

The next Energy and Air Quality Meeting is
January 26th, 2021 2:00pm

Mid-Ohio Regional Planning Commission

Remote Meeting

Energy and Air Quality Working Group Meeting Notes

September 22, 2020, 2:00 pm

Members Present

Chair Dale Arnold, Ohio Farm Bureau
Federation
David Celebrezze, City of Columbus
Erica Fetty-Davis, Ohio EPA
Ryan Foshee, ICF
Craig Foster, Energility
Andrew Hall, Ohio EPA
Maged Kafafy, DNVGL
Paul Kennedy, Columbus Regional Airport
Authority

Andrew May, OSU
Zach McGuire, Smart Columbus
Nick Plouck, City of Dublin
Eric Porr, Clear Result
Matthew Pratola, OSU
JM Rayburn, City of Dublin
Nolan Rutschilling, Ohio Hospital Association
Samantha Schneider, City of Columbus
Ira Weiss, Fairfield Heritage Trail Association

MORPC Staff Present

Jon-Paul d'Aversa
Mary-Ann Frantz
Joe Garrity

Ted Geer
Lynn Kaufman
Brandi Whetstone

Brooke White

Meeting Called to Order at 2:04 pm

Policy Update – Joe Garrity, MORPC

Ohio EPA Update

Member Erica Fetty-Davis reported that the Central Ohio region has had only one exceedance of the 70 parts per billion standard this year, which was on July 6. Central Ohio has been in attainment since 2019. Cincinnati and Cleveland have been having more incidents of ozone exceedance and they are currently not in attainment.

The 2019 Air Quality report should be released sometime in November on the EPA's website.

MORPC Staff Updates

Energy

- Commission Members recently approved MORPC's pursuit of a SolSmart designation as a regional organization.
- MORPC will pursue an Energy Star partnership which will help MORPC provide technical assistance for members.
- The 2019 City of Columbus Greenhouse Gas Inventory is currently with the City for final review.
- MORPC is in the process of being audited by Energility, and staff has been in discussions with the owner of 111 Liberty Street to do as much retrofitting as the agency can afford during renovation.

Summit on Sustainability

The Summit on Sustainability will be held on October 15. This year MORPC is partnering with the Atlanta Regional Commission, and the Summit will be completely virtual. Members may register on the MORPC website.

Regional Sustainability Agenda Subcommittee

The Subcommittee's goal while creating an updated Sustainability Agenda is to have a thoughtful and inclusive process with a strong focus on social equity within the sustainability work. The Subcommittee plans to hire a consultant from the Kirwan Institute at OSU to provide additional input and analysis to incorporate a social equity focus. The consultant and MORPC staff will host a virtual workshop for interested parties in November.

Air Quality Marketing Update

The Air Quality Marketing effort is using social media platforms and highlighting the health focus of air quality. MORPC staff is also creating an Air Quality booklet that can be shared with physicians to in turn share with their patients.

Solar Subcommittee

Member Craig Foster reported that pursuing the SolSmart designation is a way of getting recognition for what MORPC is doing with regard to solar power. MORPC's Commission Members recently approved the pursuit of a SolSmart designation as a regional organization, which will require the completion of a workbook with supporting documentation, as well as identifying and implementing additional activities as needed for the designation.

Craig and MORPC staff are asking the Working Group to approve changing the name of the Solar Toolkit Subcommittee to the Solar Subcommittee, and to direct the Subcommittee to complete the requirements of the SolSmart designation, and to identify and propose recommendations addressing regional solar needs.

Member Foster moved to change of the Solar Toolkit Subcommittee to the Solar Subcommittee and to pursue the SolSmart designation. Member Weiss seconded. Motion carried.

Diversity and Environmental Justice Subcommittee

Member Nolan Rutschilling reported that the purpose of the Subcommittee is to identify energy and air quality equity issues, and to propose solutions that include recommendations to MORPC's internal structures, as well as how the region is engaged. The Subcommittee will work to build diversity and inclusiveness by asking how energy and air quality issues affect typically excluded communities, how to include a diverse population in the conversation, and how lasting solutions can be encouraged and implemented.

The Subcommittee's Timeline:

- Q4 2020 Conduct outreach to increase the diversity and inclusiveness of perspectives on the Energy & Air Quality Working Group prior to convening the Subcommittee
- Q1 2021 Develop an initial roster of Subcommittee Members to provide representation of traditionally underserved communities and perspectives typically excluded in planning processes and policy development. The initial roster will vote on a Chair, Vice-Chair and develop a work plan.
- Q2 2021 Propose recommendations that internalize diversity and community inclusion in MORPC's energy and air quality activities

Adjourned at 3:10 pm.

2020 Year in Review and 2021 Priorities - Topics



MORPC

2020 Themes:

- Municipal solar and climate change actions
- Trends in Energy and Policy
- Impacts of policies on community health

2021 Themes:

- What topics do we want to hear more about in 2021?
- Suggested Speakers?

2020 Year in Review and 2021 Priorities - Subcommittees



- Subcommittee Achievements
 - Solar Subcommittee
 - Solar Toolkit
 - Groundwork for Sol Smart designation
 - Air Quality Monitoring Subcommittee
 - Visioning of project focus
 - Partnership with Thriving Earth and Franklin County Public Health for plan development and resource access
 - Groundwork for collocation with Ohio EPA monitors
 - Pilot deployment during pandemic shutdown
 - Diversity Subcommittee
 - Groundwork for diversity outreach

2020 Year in Review and 2021 Priorities - Subcommittees



- 2021 Subcommittee Direction
 - Solar Subcommittee
 - Achieving Sol Smart designation
 - Air Quality Monitoring Subcommittee
 - Performing collocation
 - Subsequent siting of monitors in neighborhoods
 - Collecting data
 - Presentations to community, creation of webpage
 - Creation of educational module using the local data
 - Diversity Subcommittee
 - Developing diversity group roster
 - Developing work plan

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Policy Update

Joe Garrity

MORPC Staff Updates

Regional Sustainability Agenda
Clean Energy Acceleration Survey Results
Energy Star Partnership
End of Ozone season

Sustainability Updates

Brandi Whetstone, Sustainability Officer
Energy & Air Quality Working Group
November 24, 2020



MID-OHIO REGIONAL
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REGIONAL SUSTAINABILITY AGENDA UPDATE



MORPC

REGIONAL SUSTAINABILITY AGENDA

2017-2020





ENERGY CONSUMPTION

NATURAL RESOURCES

ECONOMIC OPPORTUNITY

SUSTAINABLE NEIGHBORHOODS

COLLABORATION

GOAL 1		
Reduce per capita ENERGY CONSUMPTION and promote alternative fuel resources to increase affordability and resilience of regional energy supplies.		
OBJECTIVE		2020 TARGET
1.1	Reduce vehicle miles traveled (VMT).	9,200 VMT per capita (5% reduction)
1.2	Reduce the percentage of commuters driving alone and increase the percentage of commuters riding transit, biking, or walking.	80% of commuters drive alone; 6% of commuters ride transit, bike, or walk
1.3	Increase the percentage of vehicles using alternative fuels.	XX% of registered vehicles use alternative fuels (data and methodology under development)
1.4	Increase the number of trail miles traveled annually.	13 million Central Ohio Greenway trail miles traveled annually
1.5	Increase the number of alternative fuel stations.	220 alternative fuel stations (50% increase)
1.6	Reduce per capita energy consumption across all sectors.	50% reduction in the gap of per capita total energy consumption between Central Ohio and U.S.
1.7	Increase the number of local renewable energy projects and generating capacity.	576 certified renewable energy facilities with 89.4 megawatts of total generating capacity (25% increase)

GOAL 2		
Protect NATURAL RESOURCES and mitigate infrastructure vulnerabilities to maintain a healthy ecosystem and community.		
OBJECTIVE		2020 TARGET
2.1	Reduce emissions to meet federal air quality standards.	Ozone attainment, PM2.5 attainment
2.2	Increase the number of people receiving air quality information and education.	10% increase in number of people receiving a combination of Air Quality Alerts, Air Quality Alert highway sign exposure, and media marketing exposure
2.3	Reduce the amount of municipal solid waste per capita disposed in the landfill.	4 pounds of waste produced per person per day (6% reduction)
2.4	Minimize greenfield development and promote infill and redevelopment.	50% of development occurred inside the urban area between 2010 and 2020
2.5	Reduce per capita water consumption.	5% reduction in gallons of water per capita consumed
2.6	Improve water quality in the Upper Scioto Watershed.	85% of Upper Scioto sampling sites are in attainment

GOAL 3		
Position Central Ohio to attract and retain ECONOMIC OPPORTUNITY to prosper as a region and compete globally through sustainable practices and solutions.		
OBJECTIVE		2020 TARGET
3.1	Increase the number of businesses in Central Ohio with established sustainability policies and practices.	20% increase in the number of GreenSpot businesses
3.2	Increase the number of adopted institutional purchasing policies that support the purchase of local food.	XX% increase in adopted institutional food purchasing policies (data and methodology under development)

GOAL 4		
Create SUSTAINABLE NEIGHBORHOODS to improve residents' quality of life.		
OBJECTIVE		2020 TARGET
4.1	Encourage MORPC member communities to adopt complete streets policies or policies that contain those elements.	45% of MORPC member communities have adopted complete streets policies or policies that contain those elements
4.2	Target infrastructure development to serve a higher number of people and jobs, and increase sidewalk coverage of arterials and collectors.	5 people + jobs per acre are within 3/4 mile of arterials; 40% of arterials and collectors have sidewalks
4.3	Reduce the number of fatalities and serious injuries from crashes.	0.63 fatalities per 100 million VMT; 5.83 serious injuries per 100 million VMT; 10% reduction in non-motorized fatalities and serious injuries
4.4	Target transit and bikeway infrastructure development to serve a higher number of people.	72% of population live within 3/4 mile of a transit stop; 72% of population live within 3/4 mile of a bikeway
4.5	Increase the annual number of income eligible households receiving free weatherization and safety-related home repairs.	5% increase in the number of households served
4.6	Increase the number of Central Ohio Greenways trail miles.	Build 20 additional miles of Regional Greenways Trails

GOAL 5		
Increase regional COLLABORATION and educational opportunities to advance innovative sustainability solutions.		
OBJECTIVE		2020 TARGET
5.1	Establish the annual Summit on Sustainability as a premiere environmental conference through high participation and visibility.	Increase attendance by 10% annually
5.2	Increase number of local governments committed to sustainability.	100% of MORPC members are committed to



REGIONAL SUSTAINABILITY AGENDA UPDATE



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- Workshop November 18 – Focused on equity considerations within the context of sustainability, and input on high level priorities to further shape the RSA framework and the top equity considerations.
- There will be other opportunities for review and input along the way



PROPOSED GOALS (DRAFT)



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GOAL 1: Improve air quality to protect public health and reduce energy consumption and emissions to reduce the impacts of climate change.

GOAL 2: Protect and preserve natural resources to support healthy and resilient communities and ecosystems.

GOAL 3: Create sustainable neighborhoods and assure equitable access for all residents to sustainable neighborhoods to improve residents' quality of life.



REGIONAL SUSTAINABILITY DASHBOARD

*Track the status of
Central Ohio's collective
sustainability efforts.*

rsd.morpc.org



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CENTER FOR URBAN AND
REGIONAL ANALYSIS





REGIONAL SUSTAINABILITY DASHBOARD



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About the MORPC Regional Sustainability Dashboard

Interested to know how Central Ohio is progressing toward a more sustainable future? Keep reading to learn more about the Mid-Ohio Regional Planning Commission's (MORPC's) Regional Sustainability Dashboard, the official source for information on Central Ohio's sustainability goals.

- Introduction
- Access the dashboard
- Progress at a glance
- The Regional Sustainability Agenda
- Who is behind this?

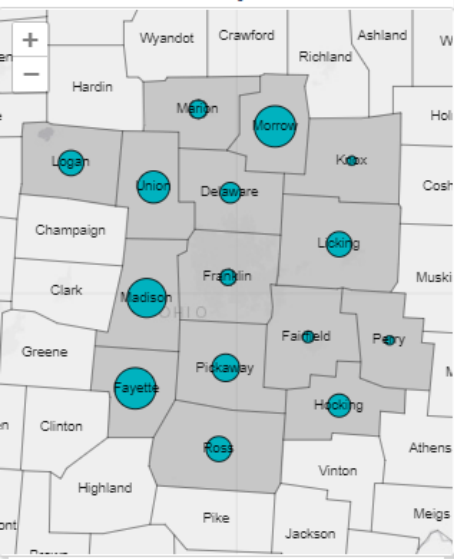


REGIONAL SUSTAINABILITY DASHBOARD

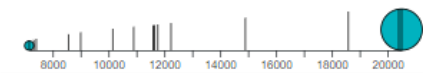


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MORPC Sustainability Dashboard



1.1 Reduce vehicle miles traveled (2018), VMT per capita



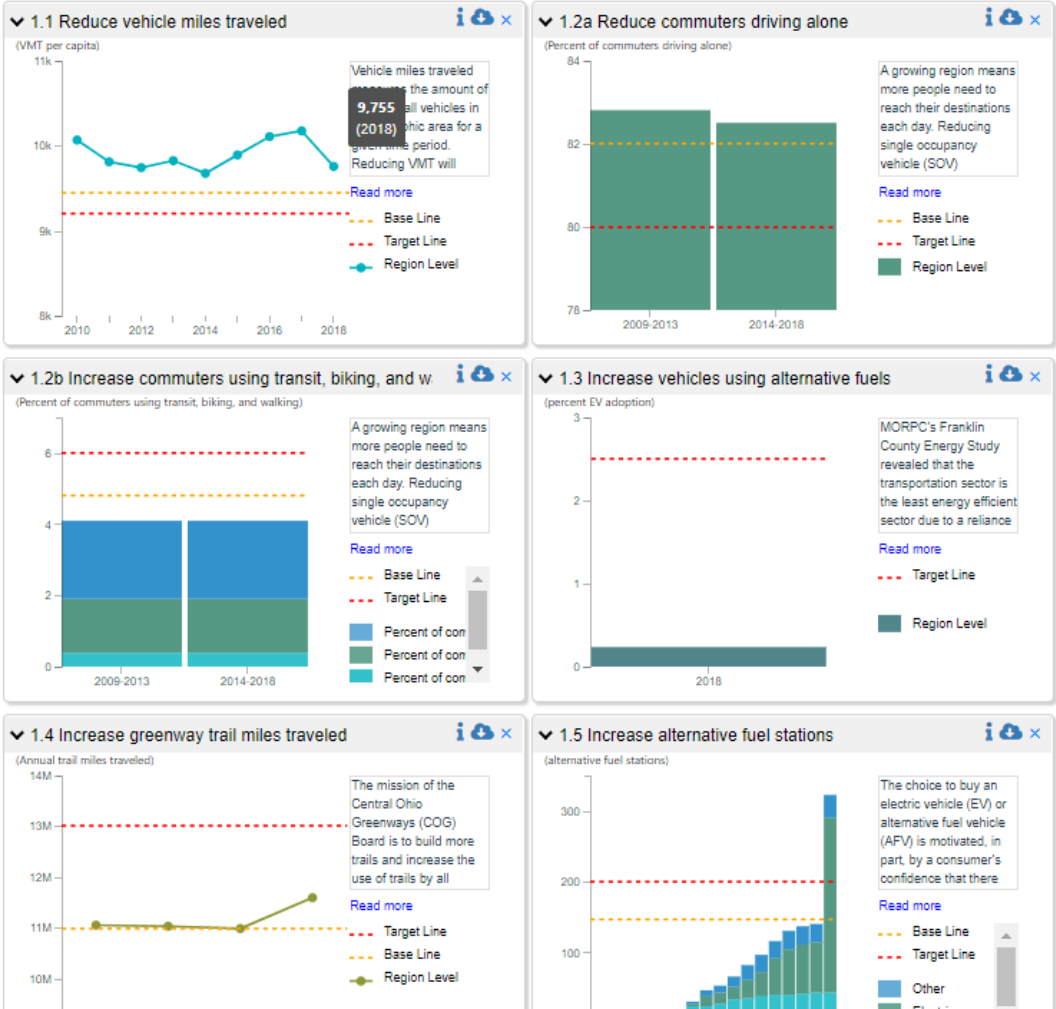
Options



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CURA AND MORPC TEAMS



Adam Porr



Katie Phillips



Harvey Miller



Ningchuan Xiao



Natalie Hurst



Brandi Whetstone



Aaron Schill



SUSTAINABILITY DASHBOARD WORKING GROUP



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MARKETING AND OUTREACH



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- Summit breakout session and press release
- Business First Insert
- Social media
- Video for Collaborative Achievement Award
- Communications toolkit – created just for you!

ONLINE DASHBOARD HIGHLIGHTS THE REGION'S PROGRESS ON SUSTAINABILITY

Central Ohio can now take advantage of an interactive, online dashboard that provides complete, accurate, and up-to-date information on the region's sustainability accomplishments.

The Mid-Ohio Regional Planning Commission (MORPC) and The Ohio State University Center for Urban and Regional Analysis (CURA) worked in partnership - under the guidance of a working group - to create the new Regional Sustainability Dashboard.

As Central Ohio's regional council for nearly 75 members comprised of counties, cities, villages, townships, and

progress at a glance to find out whether or not the region is trending in a positive direction on any given objective.

The dashboard helps measure actions that have contributed toward five broad goals, or categories:

- **Energy Consumption** - How Central Ohio can conserve energy by reducing our energy use, take advantage of renewables, and use alternative transportation modes.
- **Natural Resources** - How Central Ohio can protect our environment, air quality, and water.
- **Economic Opportunity** - How Central

REGIONAL SUSTAINABILITY GOALS

- GOAL 1**
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- GOAL 5**
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Regional Sustainability Dashboard

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REGIONAL SUSTAINABILITY DASHBOARD

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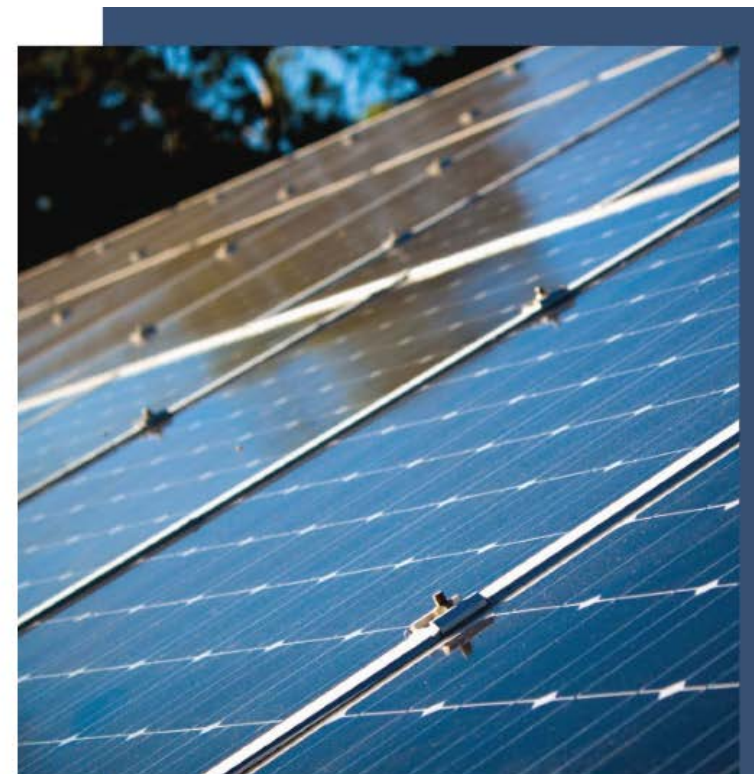
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Visit rsd.morpc.org



Happy
Thanksgiving
and be safe!

Brandi Whetstone

Sustainability Officer

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CEAP and Survey Results

EAQ Working Group – November 24, 2020

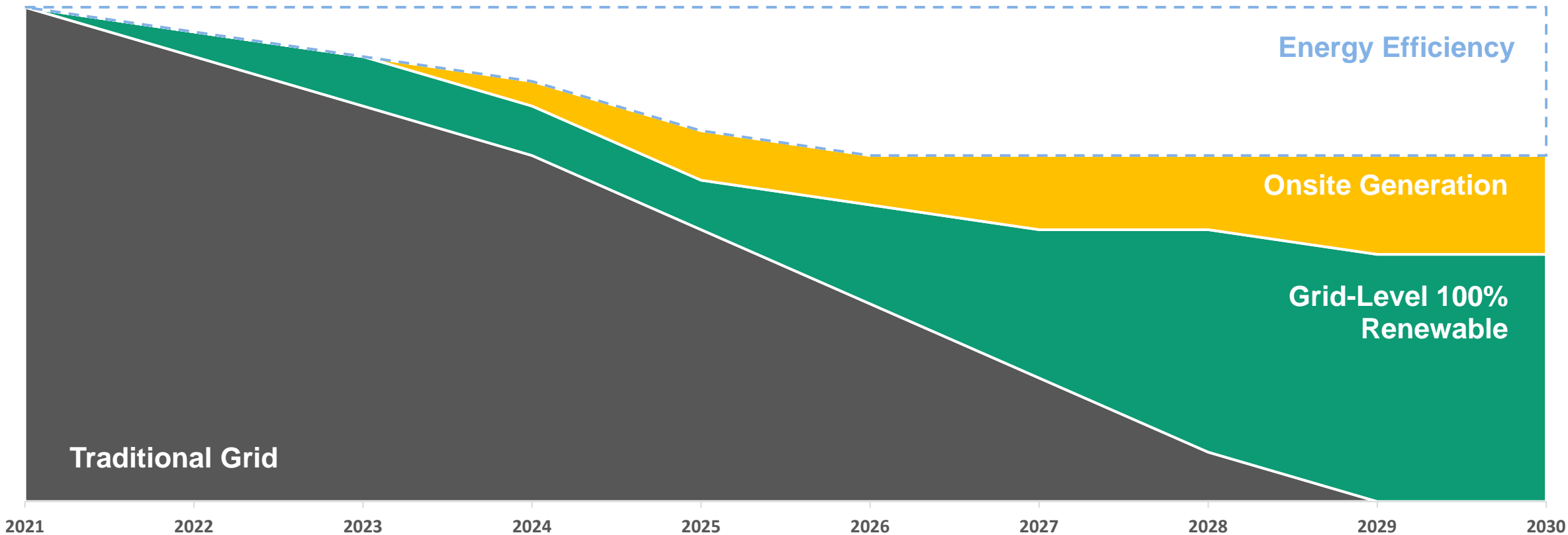


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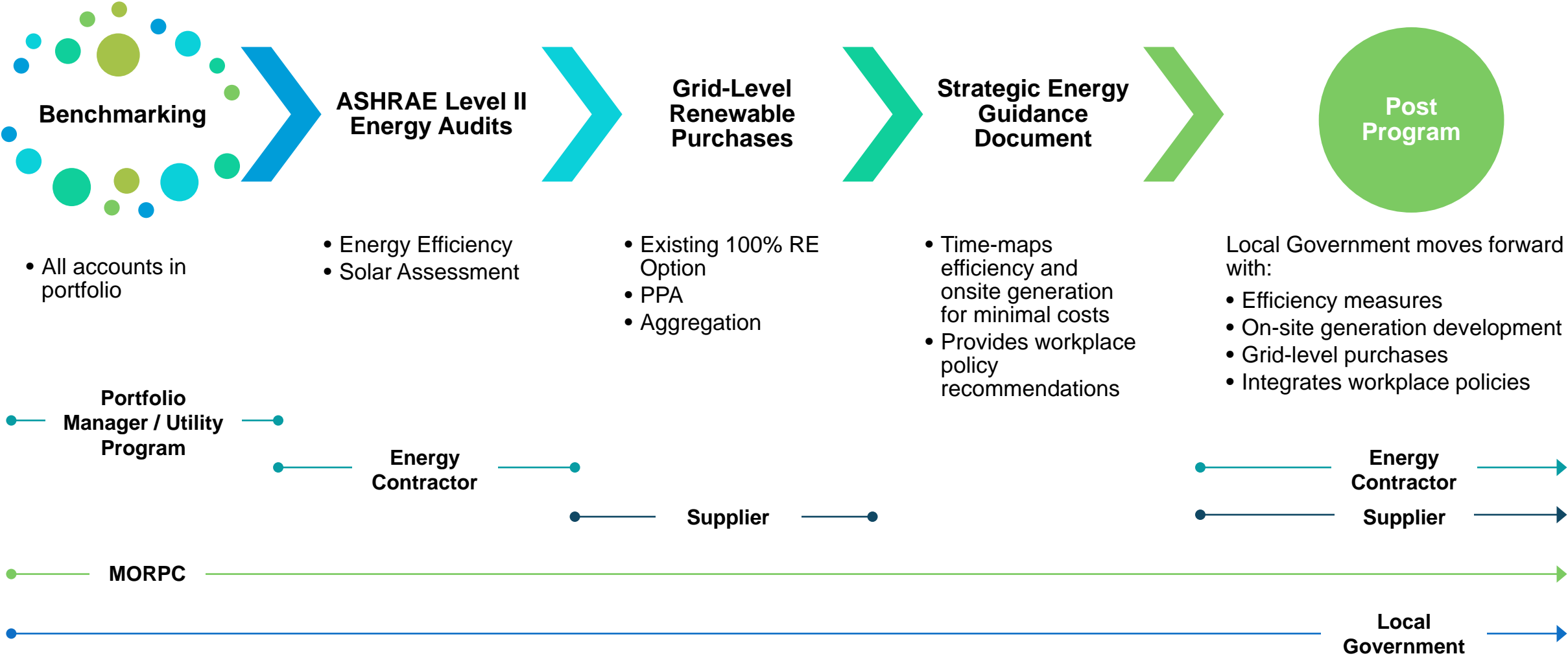
Clean Energy Acceleration Program



- CEAP seeks to move member operations to 100% clean energy as fast as is economically possible.



Clean Energy Acceleration Program



CEAP Survey



- In October, MORPC conducted a survey to gauge interest in the Clean Energy Acceleration Program (CEAP).
- Although some respondents have completed some of the tasks, all components are of interest. (No one said “we’re not interested”)
- Grid-level renewable purchases and workplace policies were the most interesting to respondents.
- 100% of respondents are interested in grid-level renewables and 38% would even pay more if necessary.
- 33% of respondents have conducted energy audits for at least one building within the last 5 years.
- 56% of respondents have already conducted solar assessments for at least one building.
- 100% would be willing take the portfolio approach for CEAP components.
- 100% would be willing to participate if the components were free.

Timeline

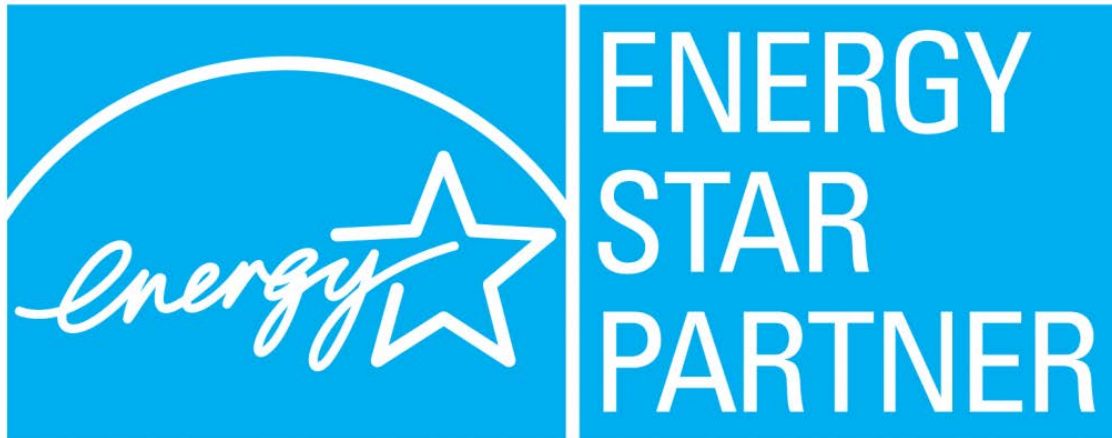


- Benchmarking
 - MORPC is developing a MOU for data sharing via Portfolio Manager
 - Columbia Gas data can be automated (through 2022)
 - AEP Ohio data is on hold pending HB6 outcomes/filing approvals, although they hope to continue it
- ASHRAE Level II Audits
 - MORPC is currently pursuing a program to provide members with free audits
 - Audits available via Columbia Gas (50% paid up to \$5,000)
- Official program launch (possibly Q1, probably Q2 2021)

ENERGY STAR® Partnership



- MORPC is now an ENERGY STAR Partner
- What does this mean?
 - Tools, trainings and technical resources available to MORPC staff and members
 - Ability to submit MORPC and member activities for ENERGY STAR awards



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Senior Energy Planner

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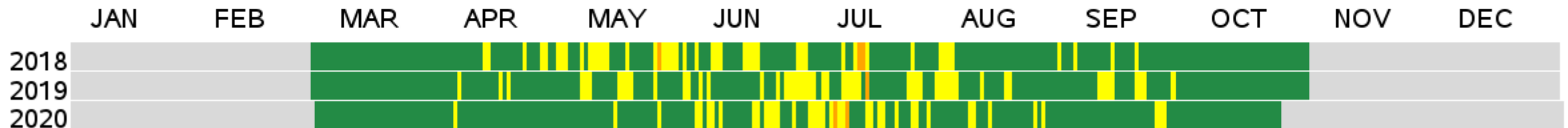


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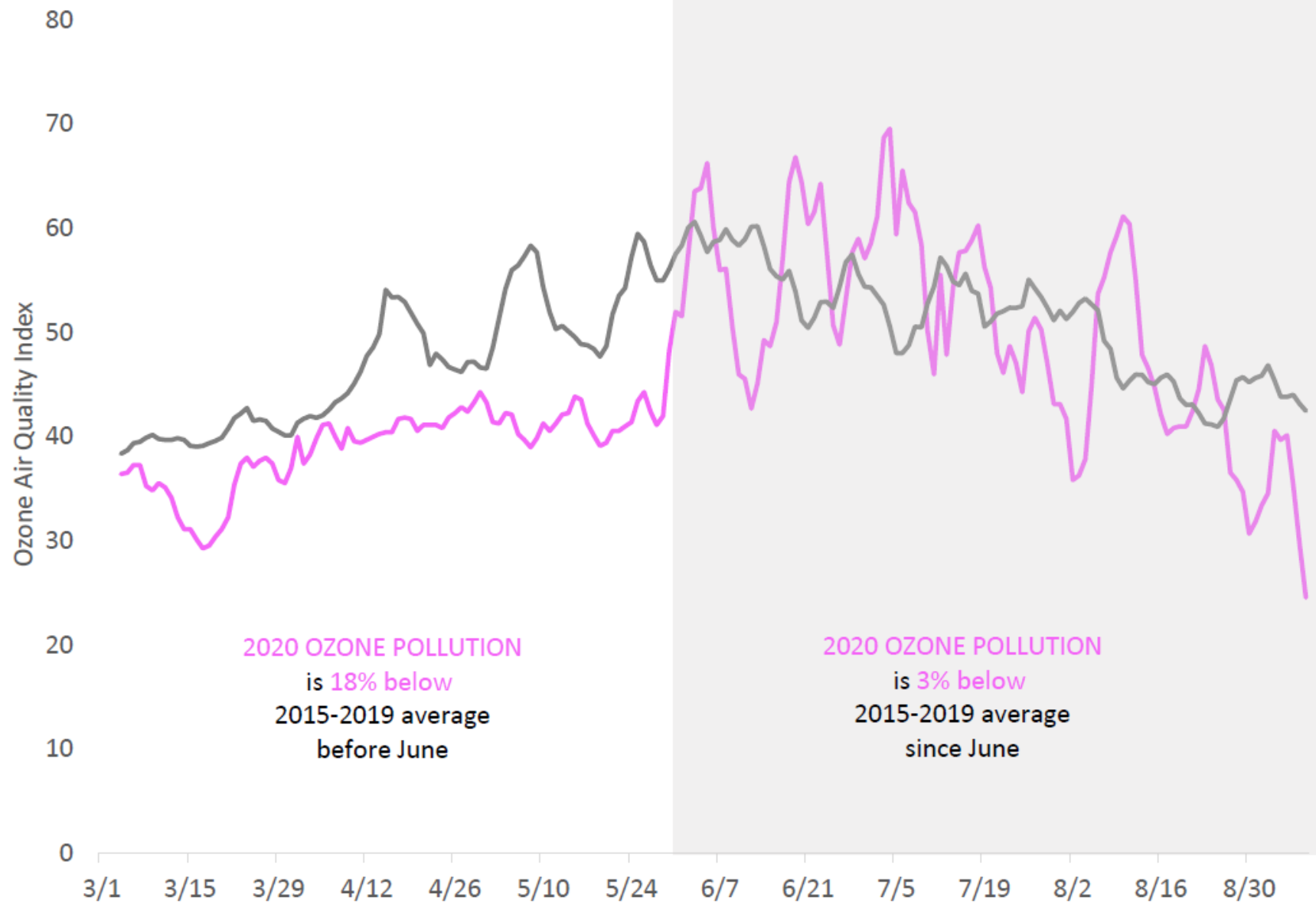


End of Ozone Season – Oct 31st

Ozone Daily AQI Values, 2018 to 2020 Columbus, OH



— 2020 — 2015-2019



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Solar Subcommittee

Craig Foster

Diversity and Environmental Justice Subcommittee

Nolan Rutschilling

Air Quality Monitoring Subcommittee

Brooke White

Thank you!