

MORPC SUSTAINABILITY ADVISORY COMMITTEE MINUTES

October 18, 2017

2:30-4:00 p.m.

Members present: Jim Schimmer (Chair), Mayor Mike Compton (Vice Chair), Eric Walli, Tony Logan, Tony Collins, Jack Knapp, Dale Arnold, Kate Bartter, Jennifer Fish, Alana Shockey

Staff present: Christina O’Keeffe, Kerstin Carr, Brandi Whetstone, Amelia Costanzo, Amanda McEldowney, Rachael Beeman, Brandi Whetstone, Joe Garrity, Brian Williams, Brooke White, Jon-Paul d’Aversa

Welcome & Introductions, *Jim Schimmer, Chair* – The Chair welcomed the group and initiated introductions. He acknowledged Alana Shockey, the new SAC appointment from City of Columbus Department of Public Utilities.

Policy Updates, *Joe Garrity, Public & Government Affairs, MORPC* – Joe provided an update on HB114. The bill would significantly weaken energy efficiency and renewable energy requirements established by SB221. MORPC has looked at ways to enhance the bill such as improvements to the Energy Special Improvement District (ESID) statute. We also support language to improve low income energy efficiency programs with a proposed increase in funding. Legislation was also proposed to loosen restrictions on wind turbines by Sen. Hite, who has recently resigned.

At the Federal level, US EPA Director Scott Pruitt is putting a formal rescission of the Clean Power Plan (CPP). The goal of the CPP is to reduce carbon emissions by 32% by 2030. They have to go through a rulemaking process, similar to the WOTUS rule from the past. There could be a more modest proposal. We expect that 29 states will probably exceed the goals regardless and businesses are working to meet these goals as well. Also the rulemaking process defining the Waters of the United States (WOTUS) were undergoing an extended comment period which concluded at the end of September and there will be more information to come.

Sustainable2050 Pilot and Next Steps, *Amelia Costanzo, Planning & Environment, Jon-Paul d’Aversa, Energy & Air Quality, MORPC* – Amelia provided an overview of new program available to members and associate members. We want to provide technical assistance and develop tools and resources that the members can use to implement the objectives. MORPC can also provide recognition to Sustainable2050 members through a tier status like LEED or Bike Friendly Communities. Depending on the number of objectives communities want to work on they will earn a tier status. We also want to be equitable across members despite the resources available.

We are working on the pilot with the goal of estimating costs and benefits to members, understanding necessary tools and resources, and testing the process for certification and tracking. Jon- Paul talked about energy benchmarking which is part of the Local Government Energy Partnership (LGEP). The goal is to empower local governments to be the energy resource for the community. The benchmarking tool includes a visual dashboard. We eventually plan to incorporate other sustainability metrics to help track the Sustainable2050 goals and objectives. Real time monitoring can be included with the energy benchmarking as well. This tool will allow us to measure success and improve programs and operations.

There was a question about how we can consider benchmarking energy use of private residences where most of the usage takes place. The benchmarking is the first service we are rolling out to help

local governments to lead by example. Utilities want to increase participation in programs and there will be an evolution over time from participation with local governments. There were questions about what information MORPC will reveal through this benchmarking program. The data is considered a public record.

Summit on Sustainability, Kerstin Carr, Planning & Environment, Christina O'Keeffe, Energy & Air Quality, MORPC - We have already beat last year's sponsorships and fundraising. Several members and businesses have sponsored tables. The theme is Communities Taking Charge to showcase local communities in the region. There will be two plenaries in the morning and over lunch. The morning plenary will focus on what's happening at federal level and bring it to the local level. The keynote is Julie Sweetland who will talk about framing sustainability issues and how to take action. Also experts from D.C. active on Capitol Hill will be part of a panel discussion. The lunch program will include the Sustainable2050 launch and highlight the impact of Green Pact over past 10 years. It will highlight what businesses and communities are doing in sustainability in Pecha Kucha style format. Mayor Compton will provide tree saplings for the Sustainable2050 members that are recognized.

Working Group Reports - As discussed previously, MORPC no longer facilitates the Materials Management Working Group or the Regional Food Council but we will continue to have representation on the SAC for these areas as they are part of the overall sustainability of the region. The Chair thanked Tony Logan and Jack Knapp for their service on local food and materials management, and asked if there were any updates to share with the group in these areas.

- Jack Knapp updated the group on developments in the recycling industry. Recently China closed its borders to incoming metal, paper, and plastics. It has an impact on the supply chain resulting in prices going up, because they have been the number one consumer of those materials. This can impact recyclers abruptly in addition to waste diversion efforts. It will impact us down to local level and possibly impact the landfill tipping fees.
- Water Resources Working Group, Jennifer Fish - In addition to the working group report, they have been working on clean water messaging that stakeholders can agree to as a region. Once we get there we want to work together to promote those messages. Jim had a question about how rivers and streams are ranked for water quality. This is something that Ohio EPA handles as part of monitoring and assessments.
- Energy & Air Quality Working Group, Dale Arnold- We heard about energy benchmarking already in the meeting. The Ozone season update was provided and we only experienced two ozone exceedances in 2017. Also EV and EV infrastructure is becoming more important to the working group and the group will continue to engage on these topics.
- Central Ohio Greenways Board, Tony Collins – The Board adopted the signage program in the region, and they are coming up with the template to go out to local jurisdictions to make the signage. Planning connections for seven counties are mapped out in the plan. They adopted a work plan for next year. There is legislation proposed for 2018 to be the Ohio year of trails. There will be a trails caucus and a legislative day at the Statehouse to educate lawmakers. Mayor Compton mentioned they are doing a levy in Pataskala to connect trails

Franklin County Energy Study, Jon-Paul d'Aversa, Energy & Air Quality, MORPC – (See slideshow) Jon-Paul reminded the group about the public comment period ending October 25. The study allows us to establish a baseline for energy usage and emissions, and measure improvements that occur in the future. The study looks at energy production, use, cost and emissions. It will also help uncover opportunities for the county and create goals. Jon-Paul reviewed the key findings. Kate Bartter

suggested weather normalizing the data. We did not weather normalize the data which is justified by the methodology in being able to compare apples to apples with future studies.

The group was interested in seeing the energy burden data represented on a map to see the zip codes with highest energy burden. A question came up to clarify energy in the context of the information (for example, if transportation energy is included in certain findings).

Adjourn



sustainable 2050

Central Ohio Communities
Working Toward a Better Future



Mid-Ohio Regional
Planning Commission



GOALS & OBJECTIVES





MEMBERSHIP DETAILS



A Bronze-Rated Community
Working Toward a Better Future



A Gold-Rated Community
Working Toward a Better Future



A Silver-Rated Community
Working Toward a Better Future



A Platinum-Rated Community
Working Toward a Better Future



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2016-2040 Columbus Area
Active Transportation Plan

Estimated Additional Costs for All Proposed Facilities

	Low	High
Sidewalks	\$0	\$0
Multi-Use Paths	\$205,000	\$251,000
Bike Lanes	\$0	\$0
Total	\$205,000	\$251,000

View instructions on how to use this tool at www.morpc.org/atp

Disclaimer: Funding for this Cost Estimation Tool was provided by Franklin, Delaware, Licking, Fairfield and Union counties, municipalities and townships within these counties, the Federal Highway Administration, and the Ohio Department of Transportation. The contents of this report reflect the views of MORPC, which is responsible for the facts and accuracy of the data presented herein. The contents do not constitute a standard, specification, or regulation. MORPC does not discriminate on the basis of race, color, national origin, gender, sexual orientation, marital status, religion, veteran status, disability or pregnancy. Services or its employees. Information on non-discrimination and related MORPC policies and procedures is available at www.morpc.org under Popular Links. October 2015





ANNUAL SUMMIT ON SUSTAINABILITY

NOVEMBER 14

SUMMIT ON SUSTAINABILITY

Communities Taking Charge

HILTON COLUMBUS DOWNTOWN

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Planning Commission

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CAPITOL WASTE
A Recycling Service



SUSTAINABLE2050 PILOT PERIOD

Goals

- **Estimate the costs and benefits to members and MORPC**
- **Understand necessary tools and resources**
- **Test processes for certification and tracking data**



BENCHMARKING



Benchmarking Dashboard

- Offered as part of Local Government Energy Partnership
- Visualizes data to facilitate improvements in operations
- Tracks Sustainable2050 metrics



BENCHMARKING

Reaching Sustainable2050 Goals

- If the data exists, we can visualize it
- Fine-tuning operations
- Measuring success
- Improving programs



Central Ohio Communities
Working Toward a Better Future

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THE COLUMBUS
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Mid-Ohio Regional
Planning Commission

Summit on Sustainability

“Communities Taking Charge”

Tuesday, November 14, 2017



Mid-Ohio Regional
Planning Commission

NOVEMBER 14

SUMMIT ON SUSTAINABILITY

Communities Taking Charge

HILTON COLUMBUS DOWNTOWN

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Presenting Sponsors



Morning Keynote Speaker- Julie Sweetland, Frameworks Institute
Sociolinguist and Vice President for Strategy & Innovation



Start the Summit by learning about cutting-edge, evidence-based reframing recommendations and strategic communications related to sustainability from keynote speaker Julie Sweetland, a Sociolinguist and Vice President for Strategy and Innovation at the FrameWorks Institute.

Legislative Panel to Discuss Federal Impact on Region

Sweetland will also moderate an expert panel featuring the U.S. Chamber of Commerce, the National Sustainable Agriculture Coalition, the Nature Conservancy, and the Alliance to Save Energy. The panel will provide insight on what's happening at Capitol Hill and how it may impact us in the region.



Kateri Callahan
Alliance to Save Energy



Wes King
National Sustainable Agriculture



Edward Mortimer
U.S. Chamber of Commerce



Jimmy Hague
The Nature Conservancy

Keynote Luncheon Speakers
Taking Charge - Moving the Legacy of Sustainability Forward

Hear from leaders across the region share real-life solutions and self-sustaining practices that will make our communities better today and tomorrow. In a Pecha Kucha style format, each speaker will have 6 minutes to share with you a unique aspect on how they are creating a more sustainable community.

This year's dynamic keynote luncheon features the following speakers:



Mayor Ben Kessler
Bexley



Kim Jones
Adena Health System



Brad Morton
Ross County



Arlanda Lewis-Twum
COTA



Kim Shields
Grove City



Doug Arsenault
COTA

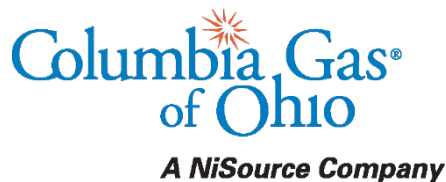
Morning Breakout Sessions (10:45 a.m. – 12:15 p.m.)

- Connecting Communities with Trails
- Clear as Water: Leveraging Partnerships for Clear Communication with the Public
- Squeezed Out: Making the Case for Returning 'Missing Middle' Housing to Our Communities
- Let's Discuss the Political Environment
- Beyond Farmers Market

Afternoon Breakout Sessions (2:15 p.m. – 3:45 p.m.)

- The Heat Behind the Science: Leveraging energy efficiency to address socio-economic challenges
- The Key to Successful Recycling Programs
- A Charged and Changing Future: Factors Affecting the Future of Regional Air Quality
- Tools that Drive Sustainable Development in Growing Communities
- MORPC Resource Test Drive

Thank You Sponsors





Mid-Ohio Regional
Planning Commission

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Central Ohio Greenways Board (Chair: Tony Collins)

Next meeting: November 29, 2017

The Central Ohio Greenways Board held a bi-monthly board meeting on September 27, 2017. The board adopted priorities for each Working Team to accomplish over the next 12-18 months. In addition, the COG Board adopted county

conceptual trail corridor maps for Fairfield, Knox, Licking, and Union counties. The MORPC Commission adopted the trail signage that was previously passed by the COG Board and Sustainability Advisory Committee. The COG Board will meet with community leaders to discuss the trail signage and next steps.



Energy & Air Quality Working Group (Chair: Dale Arnold)

Next meeting: November 28, 2017

The Energy and Air Quality Working Group met on September 26th and the next meeting will be November 28th. A presentation on the City of Dublin Mobility Study was given,

detailing community multi-modal transportation needs and plans for a circulator service in Dublin.

The Franklin County Energy Study draft is available at www.morpc.org/EnergyStudy and is open for comments until October 25th. Please visit the website, read this informative study on where we get our energy from and how we use it (and lose it) and fill out the public comments form to help improve the study and inform how we use what we've learned through the study.

MORPC is starting a program to help member communities perform benchmarking through the Local Government Energy Partnership. This will help minimize energy usage, costs and emissions while improving operations and response time to issues. This can include automated data tracking on energy, water, waste, air quality and vehicle miles traveled using a customizable dashboard. Nine communities are signed up for beta testing and the program will launch officially in January 2018 and is open to all MORPC members.

The ozone season is nearing its end (October 31st). So far there have been only two days with ozone exceedances this season, continuing the decades long trend of improving air quality in the Central Ohio region. On August 10, 2017 the US EPA withdrew a delay of air quality nonattainment area designations. The deadline for US EPA to declare the nonattainment areas has been restored to October of this year (2017). However, there is no news forthcoming on whether or not time lost due to the original delay may mean a postponement in that declaration.



Water Resources Working Group (Chair: Glenn Marzluf) –

Next meeting: November 30, 2017

The September Water Resources Working Group (WRWG) meeting was cancelled. The Sustaining Scioto Subcommittee of the WRWG met October 10th, following a well-attended EPN

Breakfast on a related water topic. The group met to discuss and refine the process the group will use to assess implementation of the strategies outlined in the Sustaining Scioto Adaptive Management Plan. The Data Subcommittee and the Sustaining Scioto Subcommittee will meet again in January of 2018.



Sustainable2050

Next meeting: January 10, 2018; location TBD

The first Sustainable2050 meeting was held October 5th and the group was graciously hosted by The Columbus Foundation. The meeting covered several topics: the basics of the program; Green Pact and Sustainable2050 at the 2017 Summit on Sustainability; the purpose and function of the Pilot Communities; and a working session on identifying tier status. Partner updates included Westerville's successful household hazardous waste collection event; Columbus' upcoming Green Purge event to be held October 21st; Bexley's adoption of a zero-waste management plan in partnership with SWACO; and a partnership effort to expand COGO Bike Share services in Upper Arlington, Bexley, Columbus, and Gahanna.

Franklin County Energy Study

SAC – October 18, 2017



Mid-Ohio Regional
Planning Commission

Franklin County Energy Study

Public Comment Period

September 25 – October 25, 2017

www.morpc.org/EnergyStudy

Questions

1. What key findings are most interesting?
2. How can this report and its findings be improved?
3. What are goals and objectives that can be targeted for improving Franklin County?

Franklin County Energy Study

Energy Baseline Development

- Production
- Use
- Costs
- Emissions

Purpose

- Measure future changes
- Uncover opportunities for Franklin County
- Create energy, social and environmental goals

Process & Stakeholders

Advisory Committee

- Local governments
- Utilities
- Private sector
- State agencies

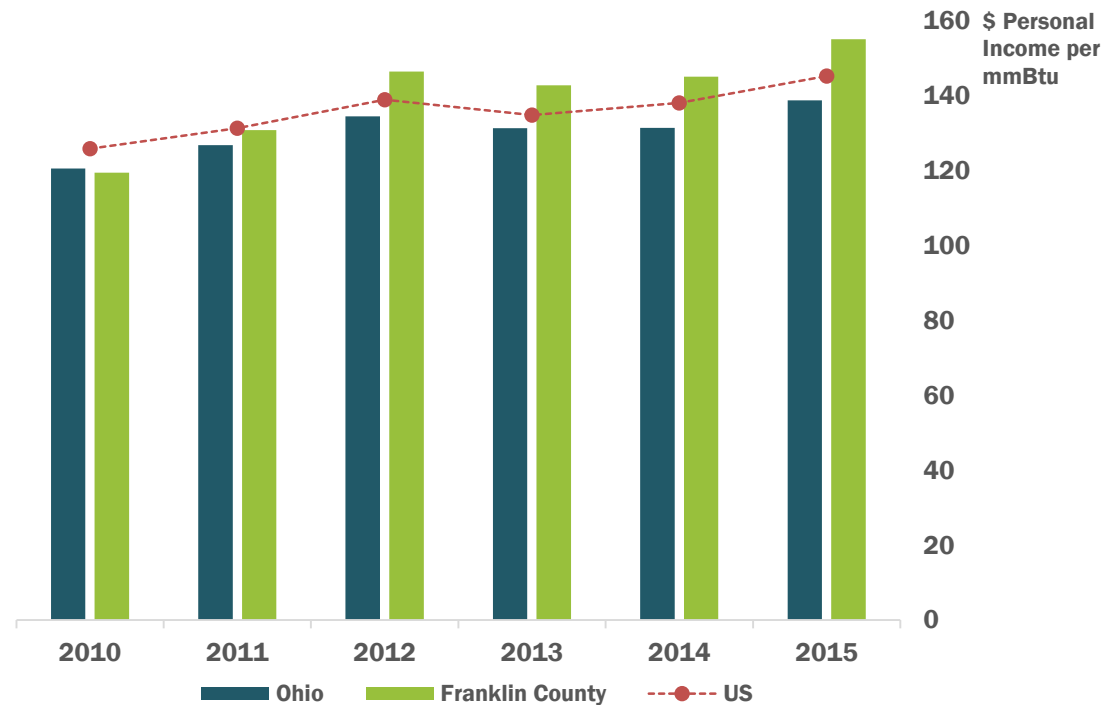
Engaged Process

- Define metrics
- Feedback provided across sectors
- Guide recommendation development

Key Findings

Energy Productivity

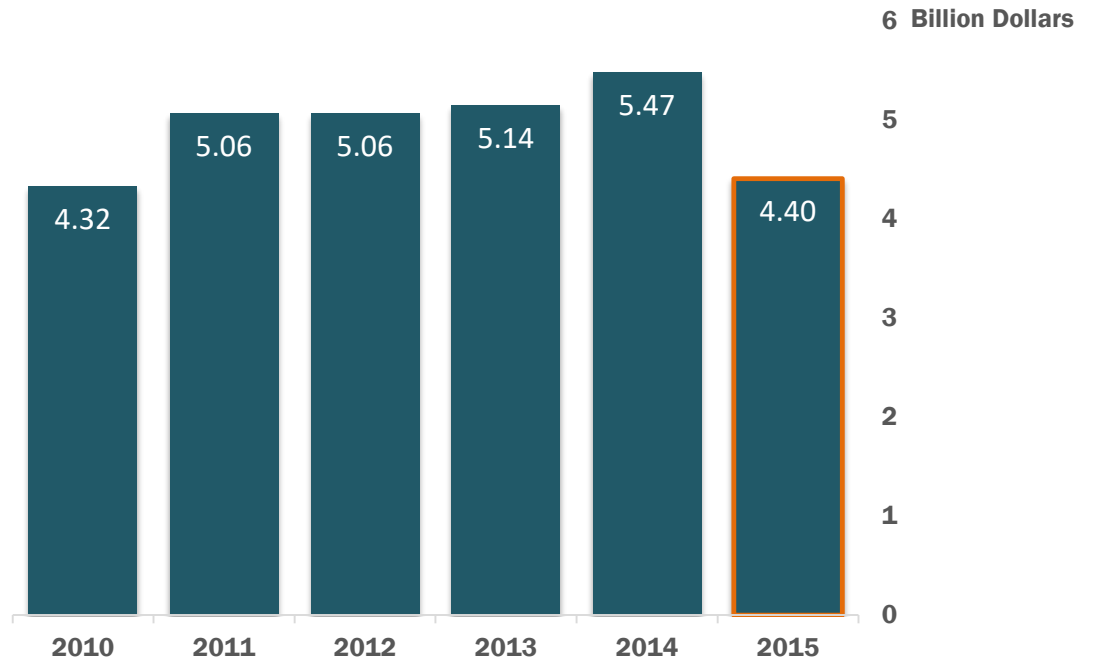
\$155
of personal income generated
per mmBtu in 2015



Key Findings

Energy Expenditures

\$4.4
billion in energy
expenditures in 2015

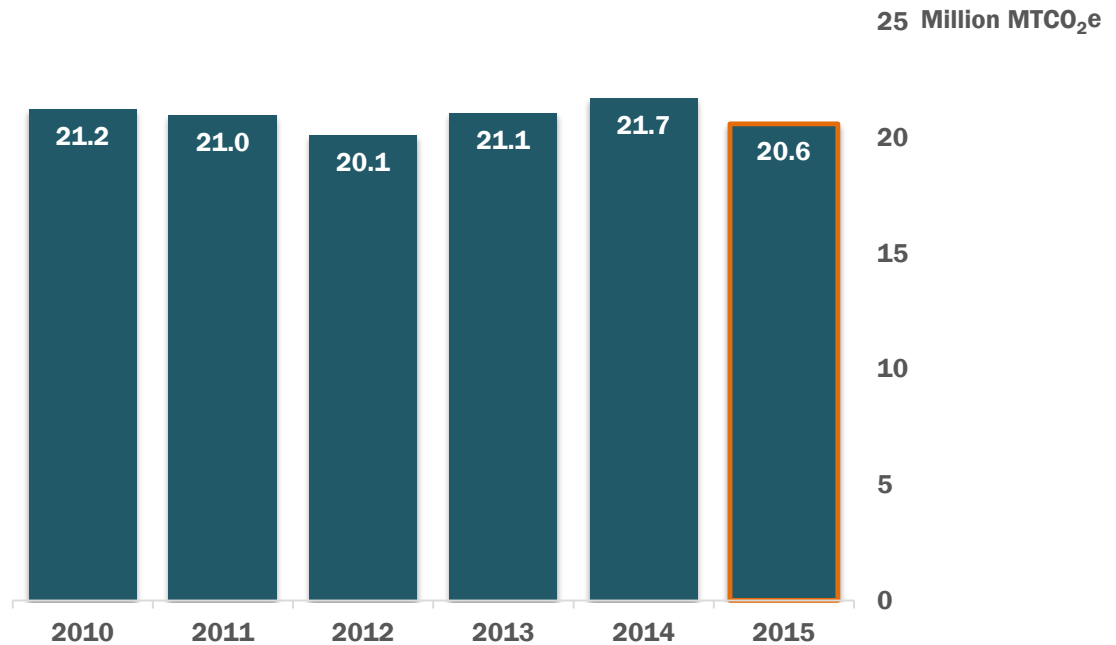


Key Findings

Energy Related Emissions

21

million metric tons of carbon dioxide equivalents in 2015



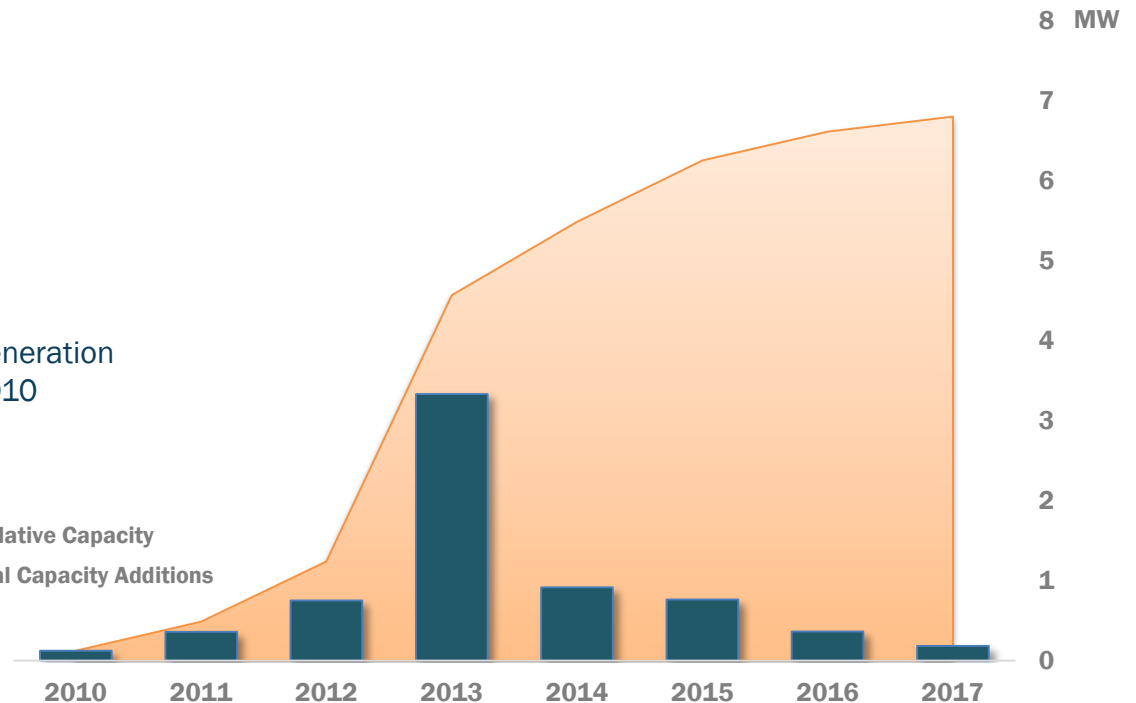
Key Findings

Solar Generation

65%

average annual growth rate of PV generation capacity in Franklin County since 2010

■ Cumulative Capacity
■ Annual Capacity Additions

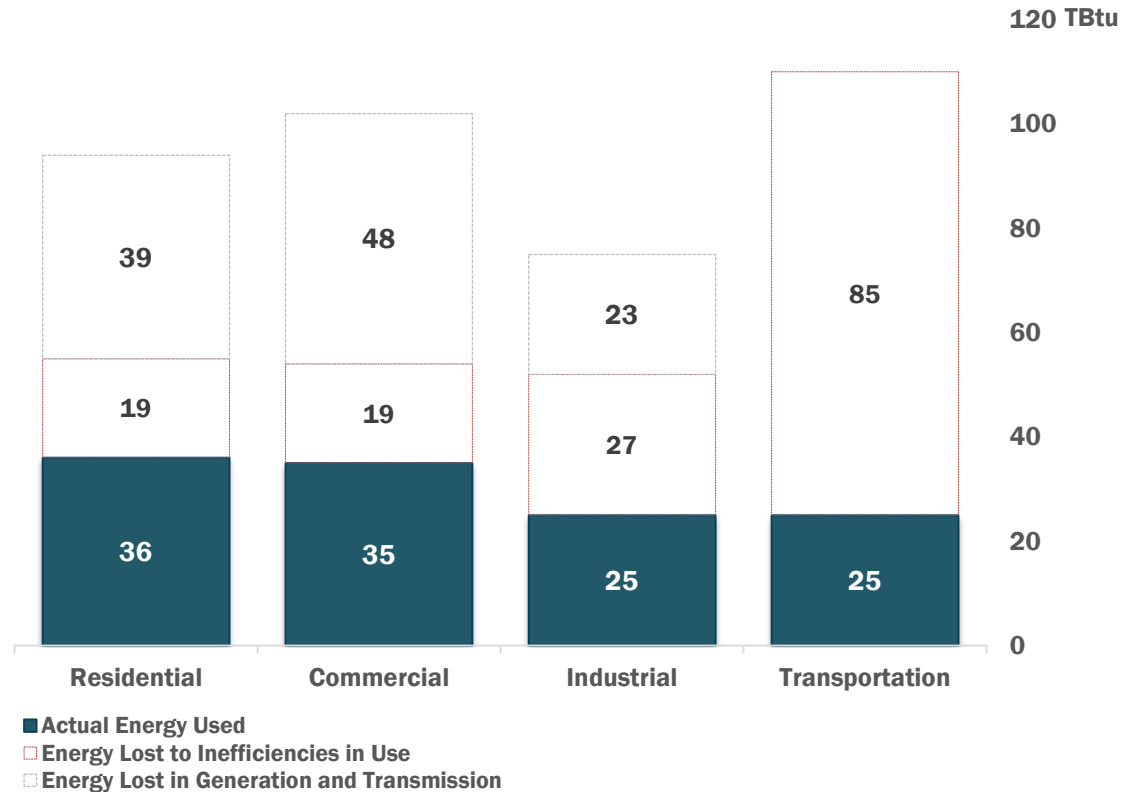


Key Findings

Energy Losses

69%

of energy is lost in generation, transmission, distribution and use

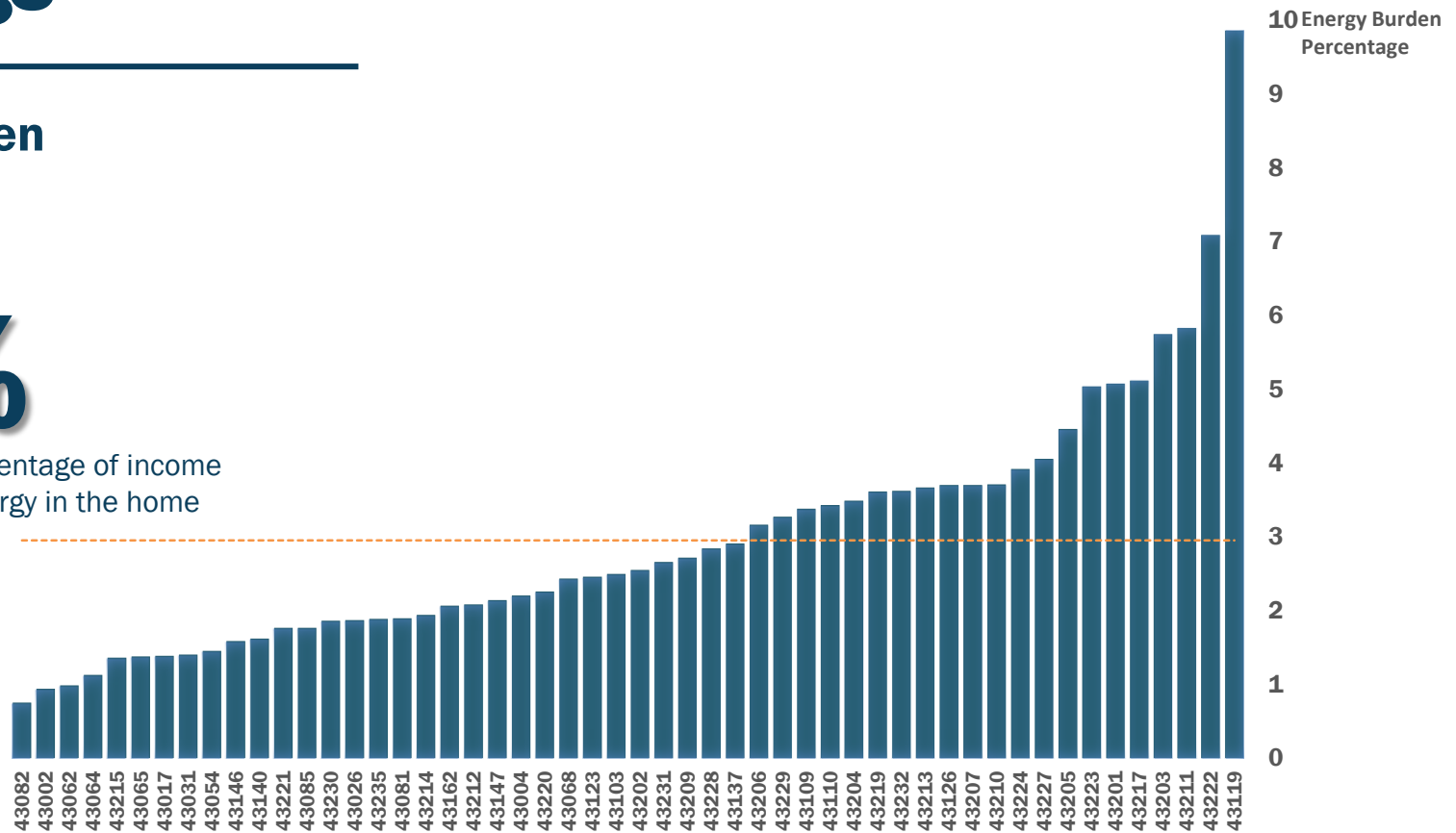


Key Findings

Energy Burden

3%

average percentage of income spent on energy in the home



Next Steps

**\$4 Billion
in Opportunity**

- 1 Examine current trends**
- 2 Engage communities**
- 3 Explore further policies to:**
 - Increase on-site generation and community energy projects
 - Improve the energy efficiency of homes and businesses
 - Electrify the transportation system and increase support for alternative fuels
 - Develop educational and efficiency programs to target communities with the highest energy burdens

Franklin County Energy Study

Public Comment Period

September 25 – October 25, 2017

www.morpc.org/EnergyStudy

Questions

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