

CITY COUNCIL STUDY SESSION | JUNE 17, 2021



**CLIMATE**  
**ACTION PLAN**  
For a Sustainable Community

CITY OF MESA 2021 | [MESA.AZ.GOV/CLIMATEACTION](https://mesaaz.gov/climateaction)

Scott Bouchie,  
Environmental Management & Sustainability Department Director

# CITY OPERATIONS

## Mesa's Culture of Sustainability:

- Lower our environmental impact
- Guide sustainable growth
- Build resiliency
- Implement mitigation & adaption strategies
- Support innovative technologies



CITY OF MESA CLIMATE ACTION PLAN: FOR A SUSTAINABLE COMMUNITY

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# SETTING MESA'S CLIMATE ACTION VISION

- Lead by Council's Strategic Initiative: Healthy Environment  
*"Proactively and responsibly protect and conserve Mesa's environment and natural resources to mitigate climate change by reducing carbon pollution."*
- Focus Areas supported by Council in Feb
- Aspirational Goals recommended by SAT in April

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# FOCUS AREAS



- Energy Efficiency
- Resilient Supply
- Renewable Energy



- Reduce Vehicle Miles
- Low Emission Vehicles
- Active Transportation



- Reduce GHG Emissions
- Install Trees & Shade
- Prepare Workforce

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# FOCUS AREAS



- Efficiency
- Resilient Supply
- Protection



- Reduce
- Reuse
- Recycle



- Support Local Supply
- Support Access
- Food Waste to Energy

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# ASPIRATIONAL GOALS

- Overarching goals that can be measured
- Will be used to guide our future vision
- Departments will continue to be the owners of the projects & programs that will achieve progress towards these goals



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# CARBON NEUTRALITY

Mesa's Aspirational Goal put us on the global stage along with:

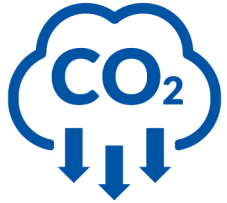
- ✓ London
- ✓ Melbourne
- ✓ Rio de Janeiro
- ✓ Stockholm
- ✓ Toronto
- ✓ Boulder, CO
- ✓ Minneapolis, MN
- ✓ New York City, NY
- ✓ Portland, OR
- ✓ Washington DC

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# ASPIRATIONAL GOALS



## ASPIRATIONAL GOAL #1: **Carbon Neutrality**

- Achieve carbon neutrality by 2050 by reducing greenhouse gas emissions and enhancing carbon sinks
- Strive to reduce the carbon footprint of City Operations by 50% by 2030



## ASPIRATIONAL GOAL #2: **Renewable Energy**

- Prioritize the use of renewable, resilient energy to achieve 100% renewable energy by 2050



## ASPIRATIONAL GOAL #3: **Materials Management**

- Manage material responsibly and divert 90% waste from the landfill by 2050



## ASPIRATIONAL GOAL #4: **Community Action**

- Develop community-based action items to be incorporated into the Plan

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# NEXT STEP: COMMUNITY ENGAGEMENT

- Coordinating with PR&CF on Master Plan Efforts
- Engagement will include:
  - Initial information gathering
  - Citywide Surveys
  - Variety of focus group meetings
  - Community meetings in each Council District
    - In-person & virtual
  - Stakeholder interviews



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# INFORMATION AVAILABLE TODAY

- Information at all levels:
  - Full Climate Action Plan Document
  - 'Info Sheet'
  - Infographic promo card
- Climate Action webpage
  - Future meeting dates, surveys & other community engagement information
  - Learn more about Focus Areas



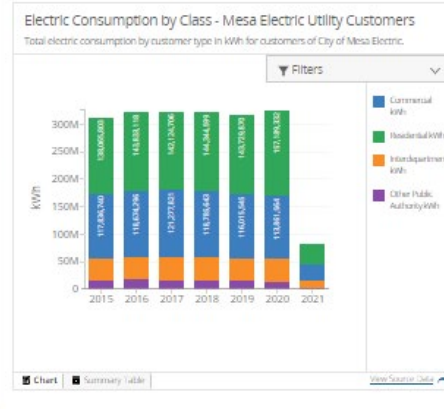
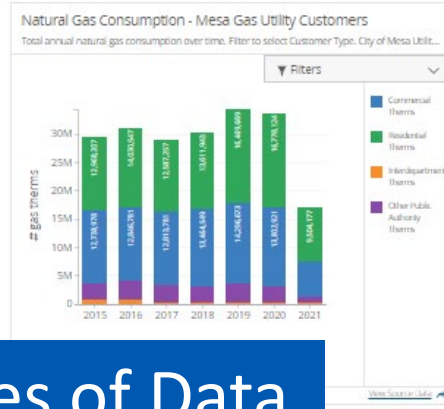
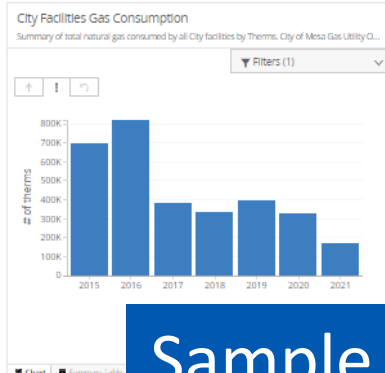
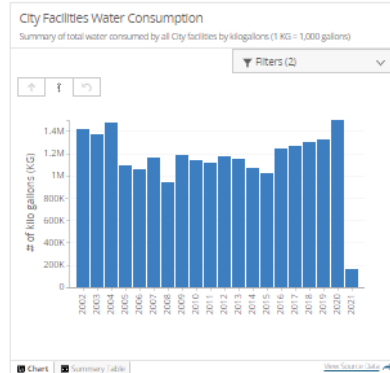
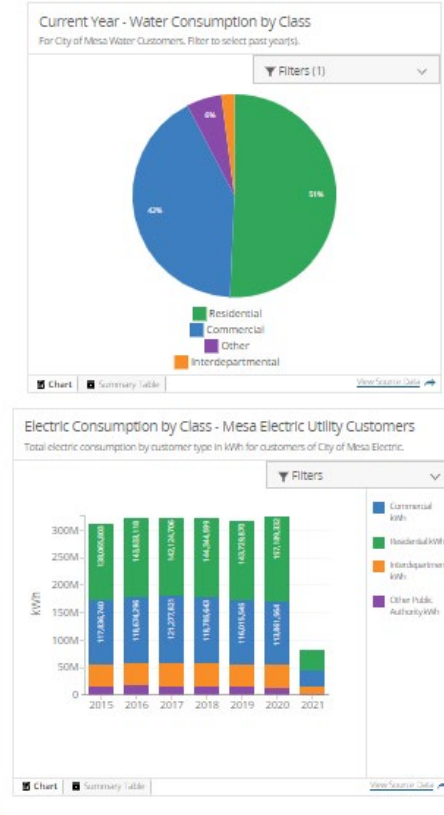
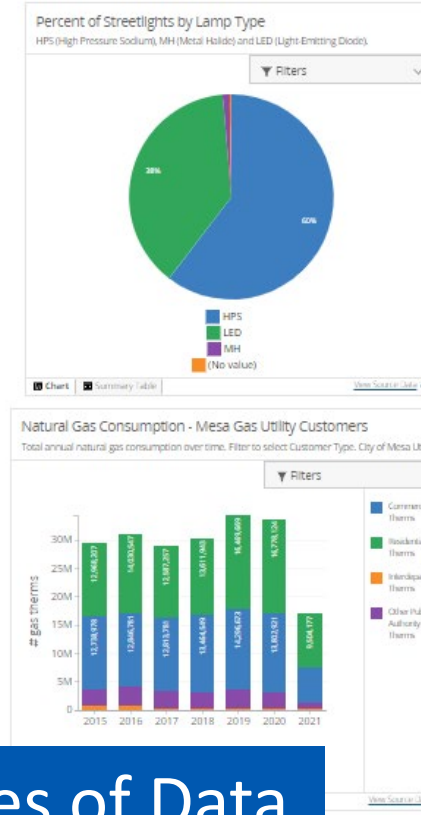
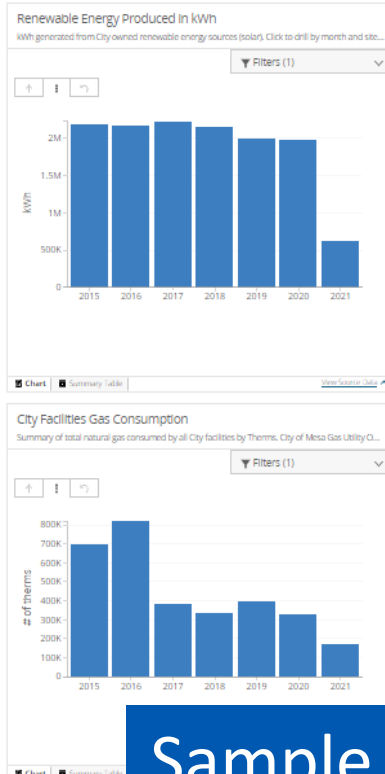
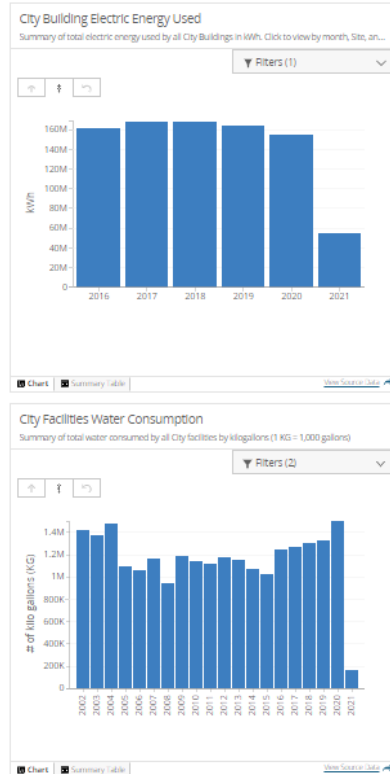
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# 'HEALTHY ENVIRONMENT' DATA DASHBOARD

## City Operations & Community Data



Sample Images of Data

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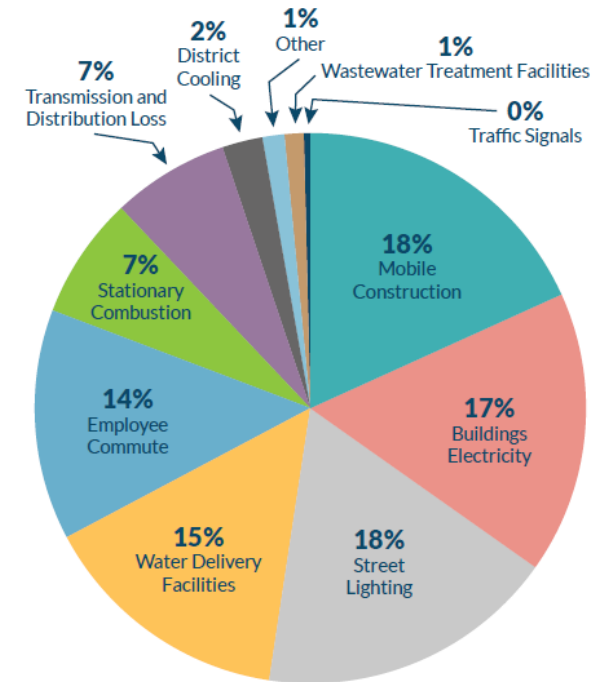
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# CARBON FOOTPRINT

## Greenhouse Gas Inventory

CITY OPERATIONS CARBON  
FOOTPRINT in 2019 =  
97,243 MTCO<sub>2</sub>e GHG



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# WHERE WE GO FROM HERE

- Work with Departments to study policies, projects & programs
  - Feasibility
  - Co-benefits
  - GHG Impact
- Will come back to Council with specific project metrics & analysis through normal processes (i.e., budget meetings, Council agenda)
- Plan intended to be living document that will evolve over time

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# QUESTIONS?

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