



## **February 2023**

# **City Utilities Committee Presentation**

Chandra Farley, Chief Sustainability Officer  
John R. Seydel, Deputy Chief Sustainability Officer  
City of Atlanta, Mayor's Office of Sustainability and Resilience

# MAYOR'S OFFICE OF SUSTAINABILITY & RESILIENCE

The Mayor's Office of Sustainability & Resilience leads science-based analysis informed by the community to establish, develop, implement, and promote policies, programs, and initiatives related to environmental sustainability, climate resilience, circular economy and food security rooted in environmental justice.



**A City Built  
for the Future**



**A City of  
Opportunity  
for All**



**Chandra Farley**  
*Chief Sustainability Officer*



**John R Seydel**  
*Deputy Chief Sustainability Officer*



**j. olu baiyewu**  
*Director of Urban Agriculture*



**Michelle Wiseman**  
*Director of Waste Diversion*



**Michelle Midanier**  
*Clean Energy Programs Associate*



**Beth Graham**  
*FUSE Executive Fellow (1year)*

# The City of Atlanta Mayor's Office of Sustainability & Resilience

- Strengthening Team Bonds
- Building priority relationships with key departments
- Clearing our plate



**j. olu baiyewu**  
*Urban Agriculture Director*



**Michelle Wiseman**  
*Director of Waste Diversion*



**Justin Nickelson**  
*AgLanta Grown Program Coordinator*



**Yezennia Maldonado**  
*AgLanta Grown Assistant Coordinator*



**Elizabeth Beak**  
*Food Systems Planner*



**Amina Robinson**  
*Community Engagement Fellow*



**Whitney Barr**  
*Food Systems Innovation Fellow*

# The City of Atlanta Mayor's Office of Sustainability & Resilience

## Urban Agriculture & Food Systems Team



Department of  
**CITY PLANNING**

# Mayor's Office of Sustainability & Resilience Successes

NAFA's Top 50 Green  
Fleet Award - Top 50 for  
the first time at #33

CDP "Climate Action  
Leader" - from C to A in  
one year!

Sustainability  
Ambassadors Program  
graduates 11th Class!  
Over 300 alumni total!

~75% to **Fresh Food  
Access Goal** - *"85% of  
Atlantans within ½ mile  
of fresh affordable food  
by 2025"*

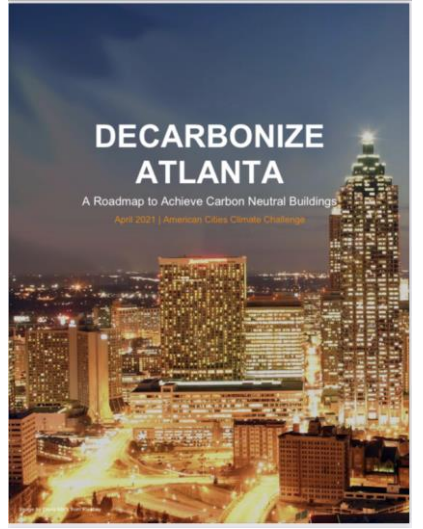
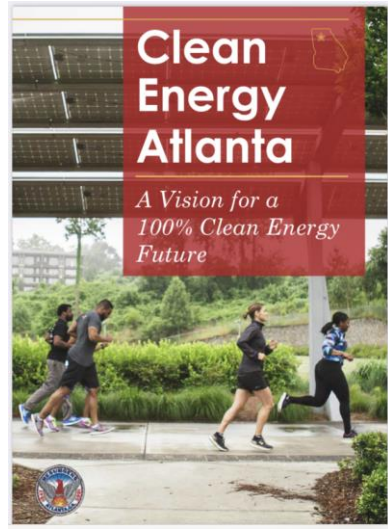
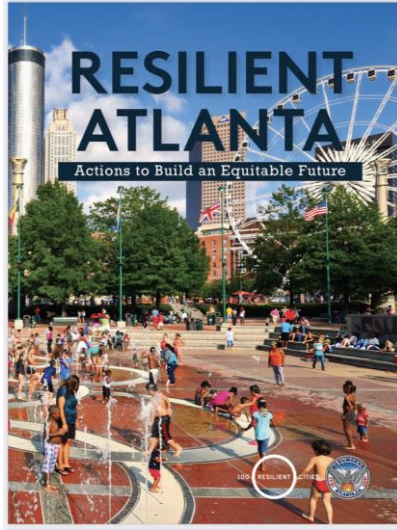
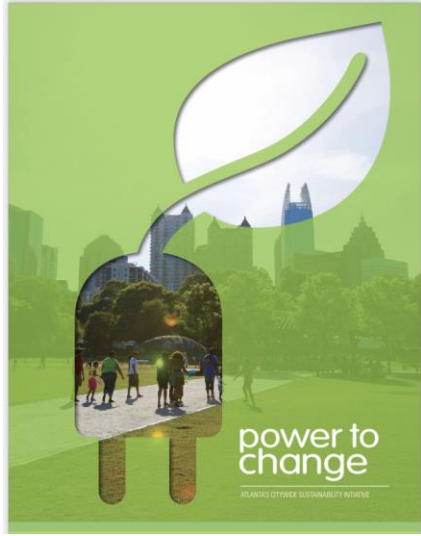
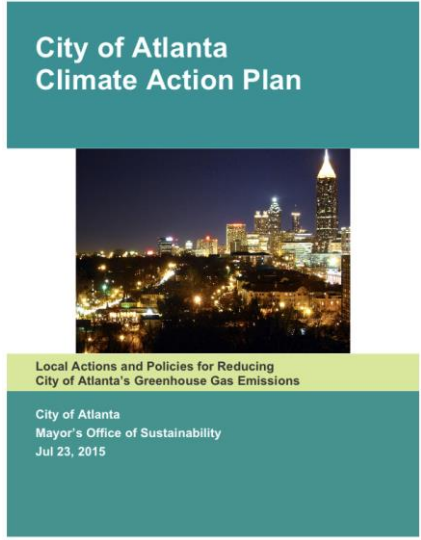
Solar Atlanta  
installations on 23 city  
buildings

Atlanta Ranks 3rd on  
EPA's Energy Star Top  
Cities List

Georgia Power Rate Case  
and IRP Intervention  
with Georgia local  
governments with 100%  
clean energy goal.

Hertz Electrifies Atlanta  
Launch

Earth Day Proclamation  
& City Employee Earth  
Day Engagement



ATLANTA

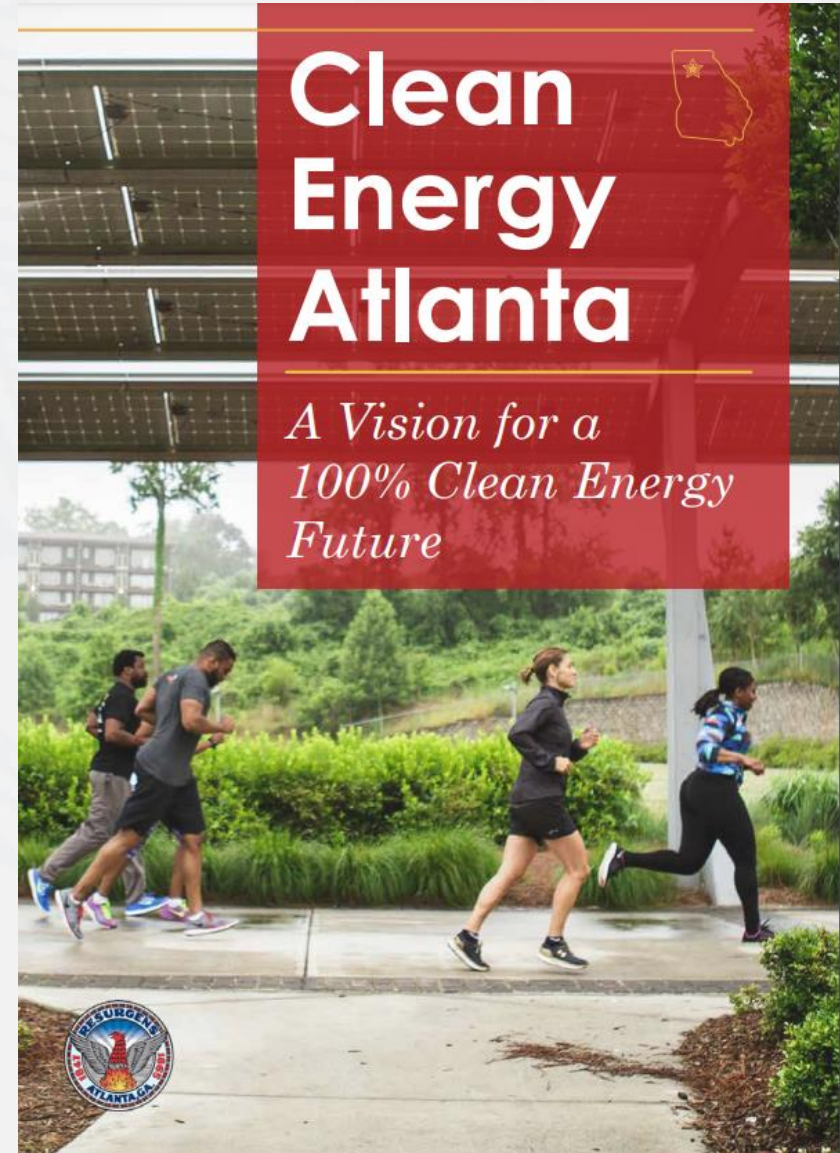


# Clean Energy Atlanta

## 100% Clean Energy for 100% of Atlantans

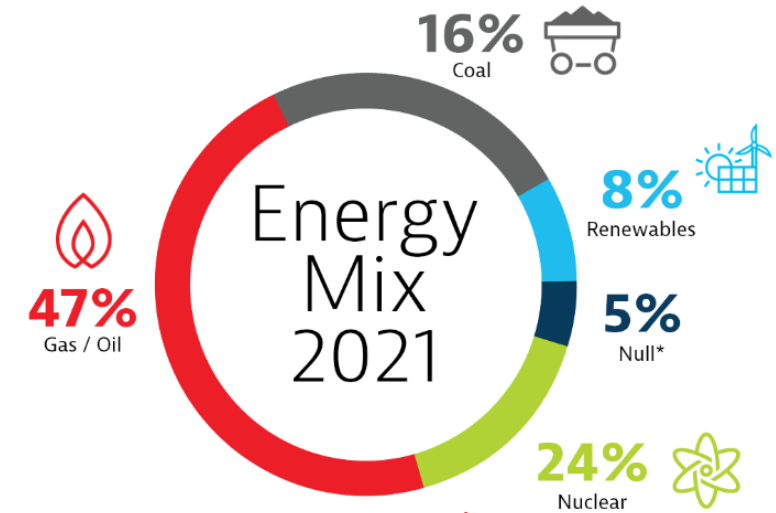
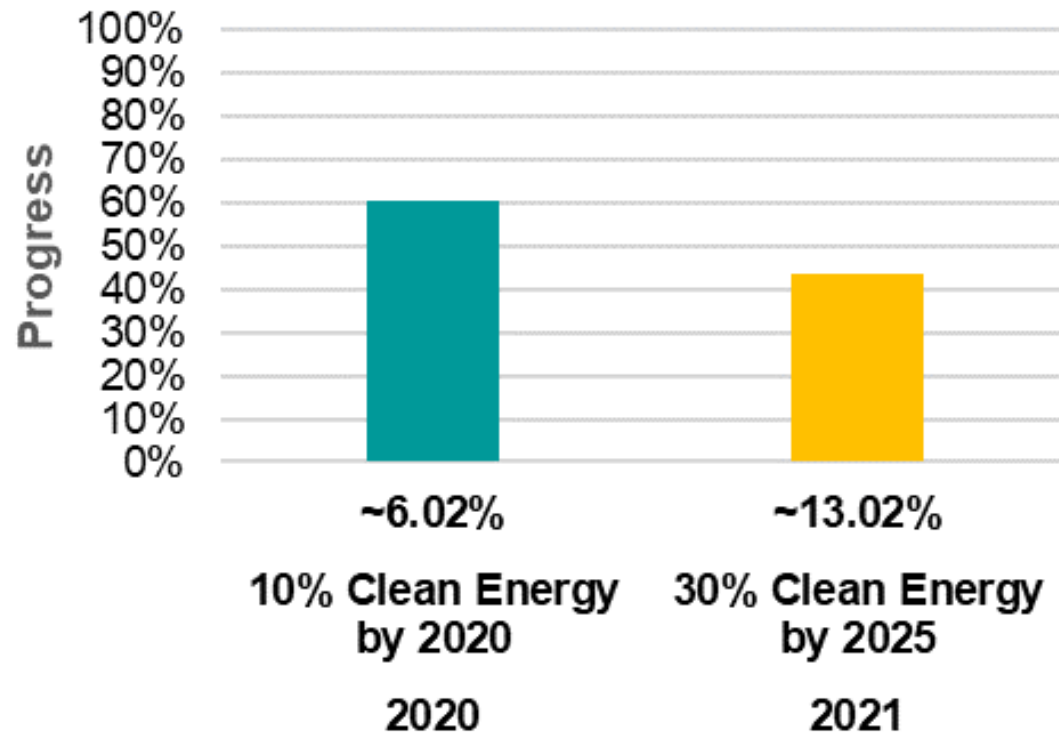
### Overview of Interim Goals

1. 10% Clean Energy by 2020
2. **30% Clean Energy by 2025**
3. 50% Clean Energy by 2030
4. 100% Clean Energy by 2035



# PROGRESS: 100% Clean Energy for 100% of Atlantans

## Clean Energy Status



\*Georgia Power reports only the null energy output from some renewable generating facilities. Ownership of the associated renewable energy credits (RECs) is specified in each respective power purchase agreement or program tariff. The party that owns the RECs retains the right to use and report them.



# SOLAR ATLANTA



001-COA CT Martin Rec Ctr
002-COA Fire Station 12
003-COA Fire Station 18
004-COA Fire Station 38
007-COA Grove Park Rec Ctr
008-COA Ben Hill Rec Ctr
009-COA Fire Station 2
010-COA Fire Station 5
011-COA Auto Service Bldg
012-COA Thomasville Heights Rec Ctr
013-COA Grant Park Rec Ctr
014-COA CA Scott Rec Ctr
015-COA Fire Station 8
016-COA MLK Aquatic Ctr
017-COA ACET
018-COA Public Safety HQ
058-DWM RMC Ostara NRS
072-DWM UC Filter Bldgs
096-COA Rosel Fann Rec Center (RD1)
104-DWM UC Headworks
114-DWM UC Blower
115-DWM UC TWAS
131-DWM Clear Creek CSO



# Lake Charlotte Nature Preserve Carbon Credit Program

## Project Profile

### Project Location

Atlanta, GA

### Project Operator

[City of Atlanta - Mayor's Office of Sustainability and Resilience](#)

### Project Type

Preservation

### Project Credits

36,265

### Credit Availability

Available

### Project Contact

John R Seydel, Deputy Chief Sustainability Officer of the City of Atlanta Mayor's Office of Sustainability and Resilience  
jrseydel@atlantaga.gov



Atlanta, GA

**Lake Charlotte Nature Preserve**

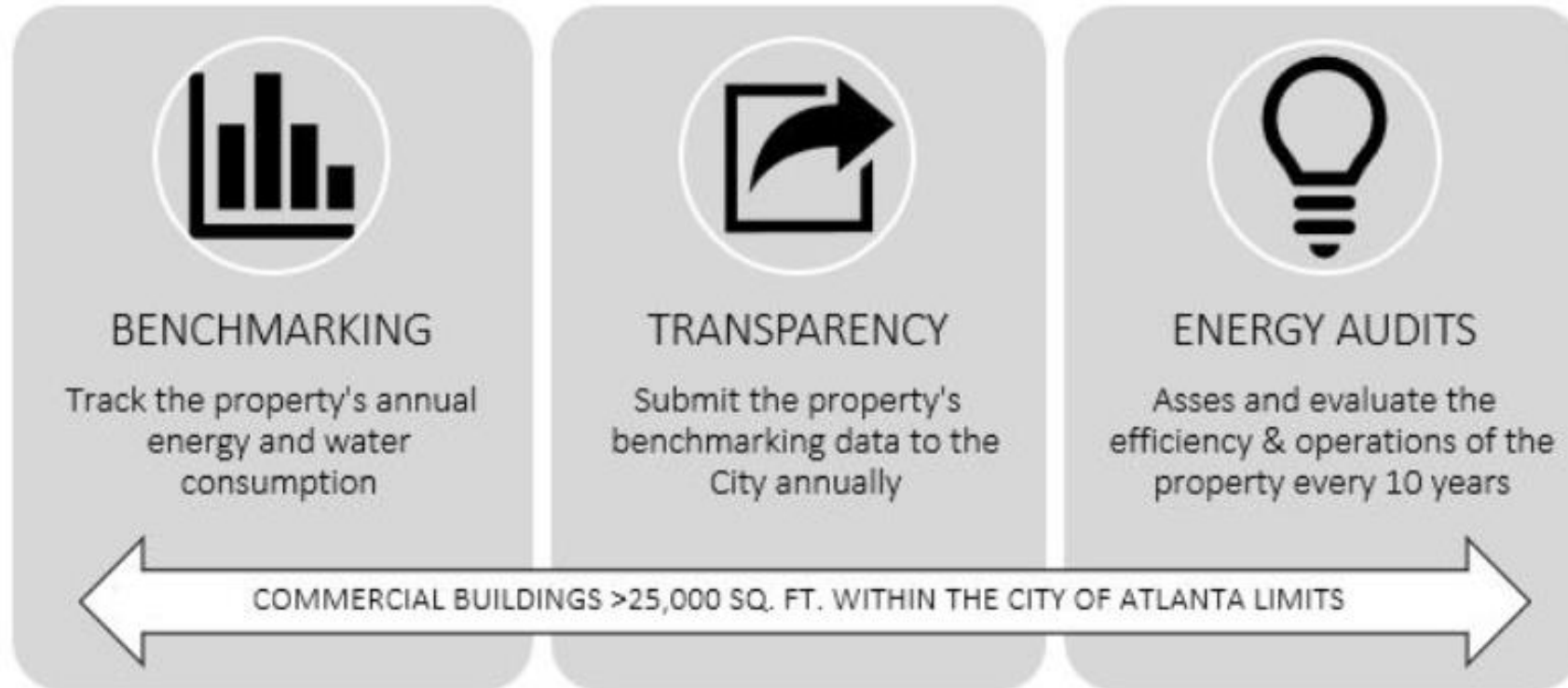


## Co-Benefits

Forest preservation projects not only reduce carbon dioxide from the atmosphere but provide ecosystem services or co-benefits that can be quantified. The co-benefits from this project represent a savings (avoided costs) of \$100,560 per year, and \$4,022,400 over 40 years.

1. Rain interception
2. Air quality
3. Energy – cooling (electricity)
4. Energy – heating (natural gas)

# Commercial Building Energy Efficiency Ordinance



**Atlanta's City Council unanimously voted to approve the ordinance on April 20, 2015.**

# Commercial Building Energy Efficiency Ordinance



## ATTENTION

**NOTICE OF OBLIGATION TO COMPLY**  
Per Section 8-2222 of the Land Development Code, Part III of the Atlanta City Code, you are required to submit energy and water benchmarking data for the property located at <<Property Address>> for the calendar year 2022.

**2023 SUBMISSION DEADLINE: July 1, 2023**

### Training Event

New to benchmarking? Join the virtual Benchmarking 101 Info Session:

**May 10, 2023**  
1:30 - 3 p.m.

Go to  
[atlantabuildingbenchmarking.com](http://atlantabuildingbenchmarking.com)  
for the link!

#### WHAT ACTION MUST I TAKE TO ACHIEVE COMPLIANCE?

1. Benchmark your property's energy and water usage by tracking it online through ENERGY STAR® Portfolio Manager®.
2. Go to [www.atlantabuildingbenchmarking.com](http://www.atlantabuildingbenchmarking.com) to submit the data using your Atlanta Building ID <<ABID>> by July 1, 2023
3. Your property is due for an energy audit by **December 31, <<Audit Year>>**. More information on this requirement can be found online at [www.atlantabuildingbenchmarking.com/compliance/audit/](http://www.atlantabuildingbenchmarking.com/compliance/audit/).

If you have any questions or need to apply for an exemption or extension, please use <https://atlantabuildingbenchmarking.com/apply-for-exemption-extension/>


**Need Support?** E-mail [buildingefficiency@atlantaga.gov](mailto:buildingefficiency@atlantaga.gov)

**BENCHMARKING 101 INFO SESSION**  
**MAY 10th, 2023 1:30 p.m. - 3:00 p.m.**

**NEW TO BENCHMARKING ENERGY & WATER USAGE?** Please join our benchmarking 101 session to learn more about the City of Atlanta ordinance, starting to benchmark in ENERGY STAR® Portfolio Manager® and Southface's BIT Program.

- Mailers out to ~2,000 buildings for 2023 cycle
- CBEEO compliance is currently ~30%, aiming for 50% by the end of Mayor Dicken's first term.
- Business community partnerships are critical!

# Commercial Building Energy Efficiency Ordinance



**Atlanta Energy Benchmarkin...**  
ENERGY STAR® Portfolio Manager Benchmarking

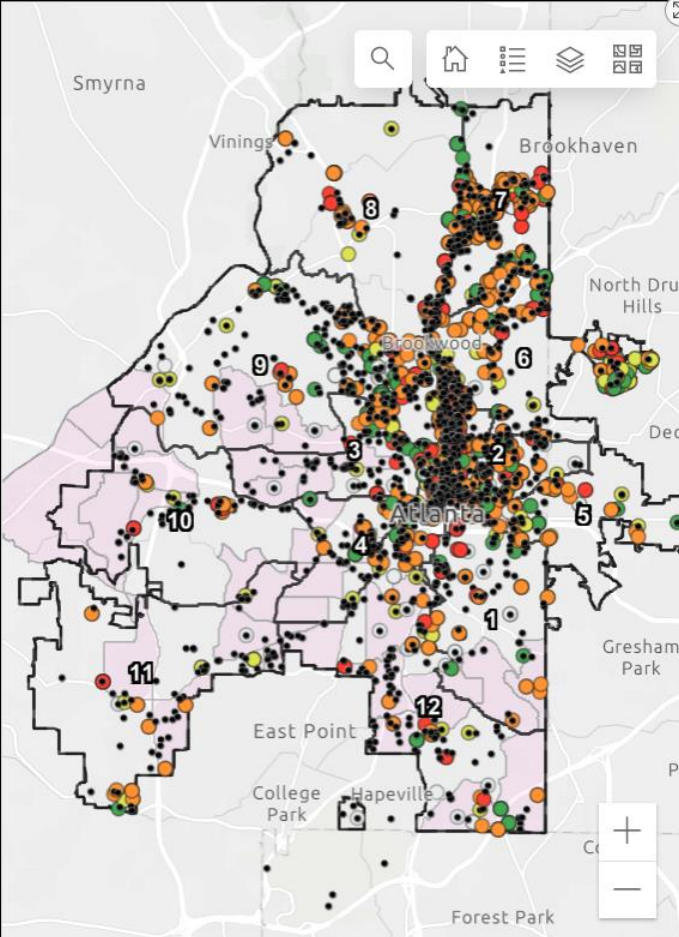
Select Reporting...  
All years

Select a Property ...  
All building categ...

**\*ENERGYSTAR® Performance Metrics**

- No Data Reported 60%
- ENERGY STAR® < 50 9%
- ENERGY STAR® > 50 31%

Click the pie chart to filter the map display

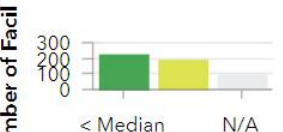


**Property Type\***

- Multifamily 32.8% Housing
- Commercial 67.2%

Only Includes Properties That Reported Data. Click the pie chart to filter the map display

**+Site Energy Use Intensity (kBtu/ft<sup>2</sup>)**



Number of Facil

Energy Use Intensity Score

Only Includes Properties That Reported Data. Click the bar chart to filter the map display

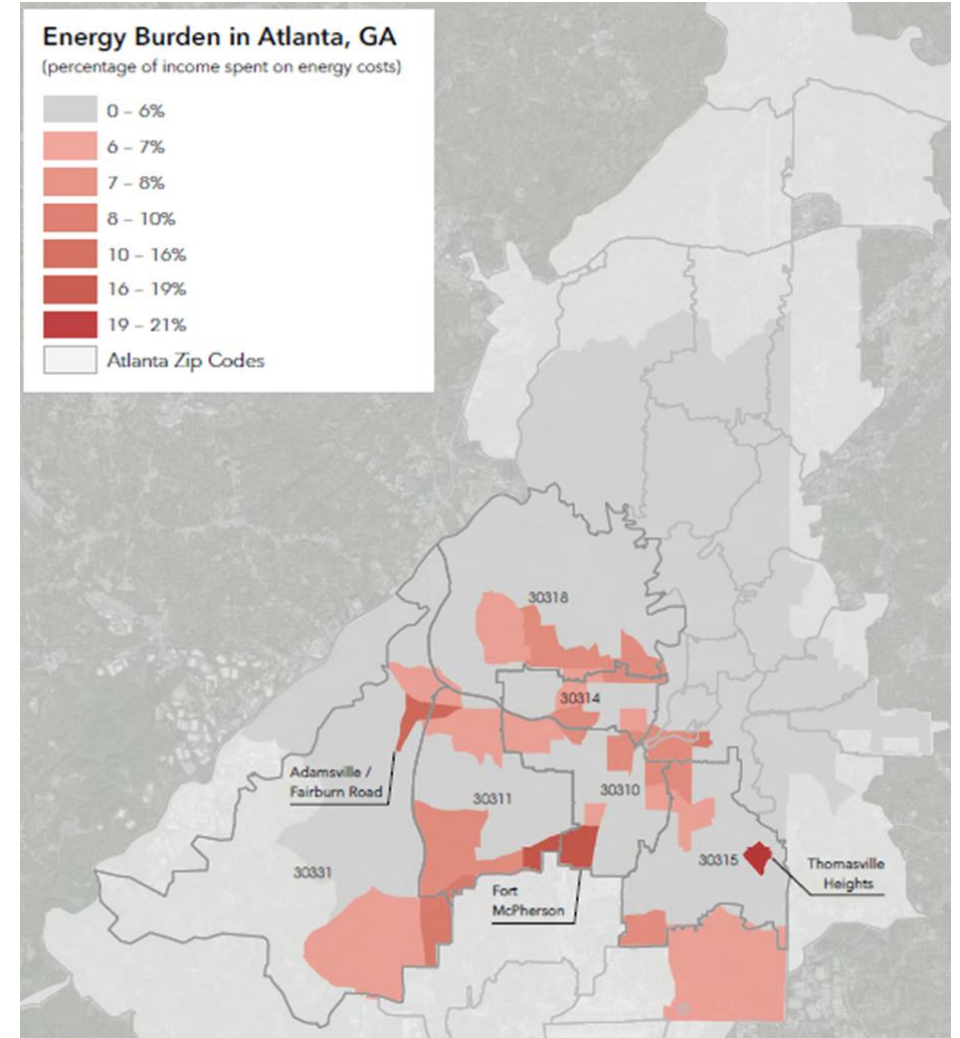
**Between 2019 - 2021, the City of Atlanta requested energy benchmarking data from 3,464 properties. 1,672 (48%) properties provided ENERGY STAR® and/or Energy Use Intensity (EUI) data.**

\* An ENERGY STAR® Score is expressed on a scale of 1-100 for assessing the energy performance of commercial buildings. A score of 50+ indicates buildings perform better than 50% of their peers.

Esri, HERE, Garmin, SafeGraph, METI/NASA, US... Powered by Esri

# Atlanta's Energy Burden

- ENERGY BURDEN = 6% or more of household income spent on energy costs. 10% is considered energy poverty.
- Atlanta has the 3<sup>rd</sup> highest rate of energy burden for low-income households in the US, which contributes to housing insecurity and economic inequality.
- Single-family homes predominate in low-income, high-burdened, Atlanta areas – especially in the South and West quadrants. These areas have burdens ranging from 12 to 28 percent.
- High energy burden is driven by 4 factors:
  - Aging, energy inefficient housing stock
  - Rising electric and gas costs
  - Low median household income
  - Lack of energy efficiency programs



# WeatheRISE ATL

The purpose of WeatheRISE ATL is to reduce energy burden on households in Atlanta's highest energy burdened areas through energy efficiency retrofits.

The benefits to this program include:

- the preservation of naturally occurring affordable housing, a decrease in carbon emissions
- improved health outcomes
- workforce & minority business development opportunities



# Clean Energy Advisory Board



## Working Groups:

- **Clean Energy Funding:** Identify partnerships and define funding strategy to accelerate pathway to 100% Clean Energy including Green Banks, American Rescue Plan Act, the Infrastructure Investment and Jobs Act, and historic climate legislation, the Inflation Reduction Act
- **Community and Partner Engagement:** Develop community-driven engagement, communication and projects strategy including Youth Climate Action, Internal & External Stakeholder Engagement and Education, Workforce Development, and roadmap to Reduce Energy Burden in underserved communities
- **Decarbonize Atlanta:** Reduce building greenhouse gas emissions, implement building performance standards, retrofit buildings and homes to improve energy efficiency adoption and workforce development
- **Transportation Infrastructure:** Define roadmap and timeline for EV Infrastructure and Citywide Charging Stations, “Complete Cities”, Transit Oriented Development, Public Transportation Improvements and Incentives



# Federal Funding Roadmap



Energy Efficiency Block Grant Program (EECBG)



Charging Fueling Infrastructure Discretionary Grant Program (CFI)



Climate Pollution Reduction Grant



Buildings Up Prize



Greenhouse Gas Reduction Fund



Justice40 Oversight Commission

# What we need to do now



Establish Cross Departmental Utility Data Coordination



Analyze data related to goals, update goals and re-establish metrics



Draft OSR Strategic Plan Utilizing Mayor's Key Pillars



Develop City of Atlanta's Comprehensive Sustainability and Resilience Plan



Secure staff resources to implement programs and communicate about activities



Present Food Strike Force Plan

# Vision Forward

- Clean Energy Fund
- Resilience Hub Program
- Environmental Justice Staff
- ATL DOL Clean Energy Workforce & Minority Business Development

## **ANDRE DICKENS**

MAYOR OF ATLANTA

"With leadership from the Mayor's Office of Sustainability and Resilience, the City is focused on tracking our progress and establishing a standard of transparency as we advance climate action goals—like our commitment to reach 100% Clean Energy for 100% of Atlantans by 2035. When combined with our community partnerships, we can drive the urgent action needed to address the increasing impacts of climate change and build a more resilient and equitable future."



## **ANDRE DICKENS**

MAYOR OF ATLANTA

"The nation's climate crisis has created an urgent need for equitable solutions that accelerate a transition to clean energy. Like many of our efforts in Atlanta, reaching these clean energy milestones is a group project, which is why the community-led Clean Energy Advisory Board will play a pivotal role in reducing carbon emissions and building more sustainable and climate resilient communities."





You're on the Sustainability team! You're on the resilience team! And you're on the climate action team!  
#ATLgroupproject

**QUESTIONS?**



**THANK YOU!**

