

# *Clean Energy Atlanta:*

## Planning for an Equitable 100% Clean Energy Transition

City of Atlanta

Mayor's Office of Resilience

100% Clean Energy Plan Briefing

Presented to City Utilities Committee – June 26, 2018





# RESILIENT ATLANTA

Actions to Build an Equitable Future

## RESILIENT ATLANTA'S VISIONS

### VISION 01:

#### **PRESERVE AND CELEBRATE WHO WE ARE**

Preserve and enhance Metro Atlanta's culture, shared identity, and history to build social cohesion and cultivate the creative economy

### VISION 02:

#### **ENABLE ALL METRO ATLANTANS TO PROSPER**

Reduce the barriers preventing Atlantans from achieving economic stability and security to increase access to opportunity and move Atlanta out of the nation's top 10 cities ranked for income inequality

### VISION 03:

#### **BUILD OUR FUTURE CITY TODAY**

Facilitate the development of an equitable and inclusive city while preserving and expanding Atlanta's natural environment

### VISION 04:

#### **DESIGN OUR SYSTEMS TO REFLECT OUR VALUES**

Adapt Atlanta's civic systems to enable the City to become a leader in equity, sustainability, and resilience

100 RESILIENT CITIES





# City Pledges to Achieve 100% Clean Energy by 2035 (17-R-3510)



100% of **electricity** consumed in Atlanta will be  
“generated” from clean energy resources



To be enacted by the Mayor’s Office of Resilience

# By 2025\*: All City-owned properties

*\*2025 target set in 17-R-3510*





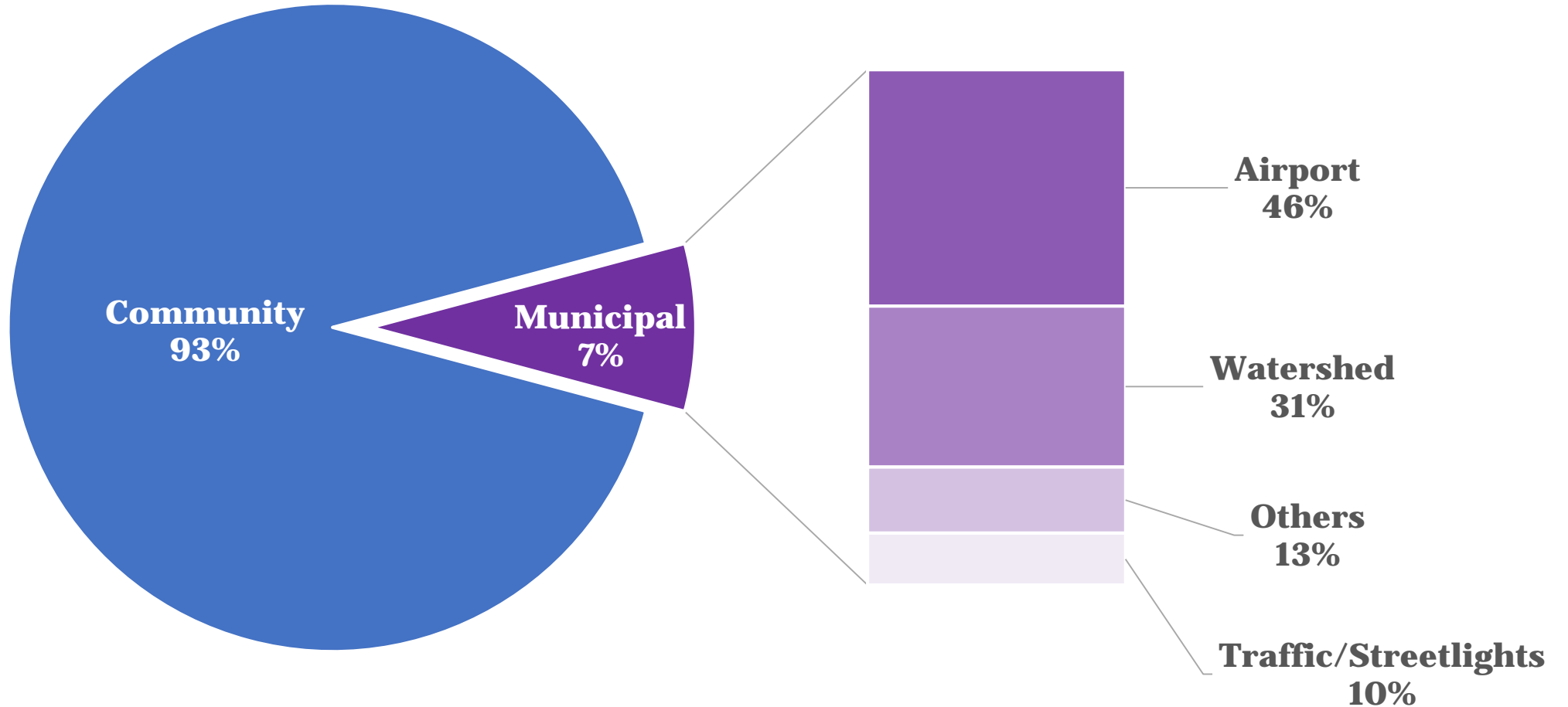
# By 2035\*: All other properties

*\*2035 target set in 17-R-3510*



Image: Smith Dalia

# Current Electricity Consumption



# Stakeholder Outreach



Over  
**3,500**  
People  
Engaged



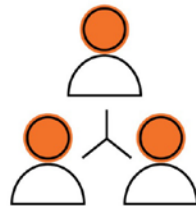
Survey

**1,750 Responses**



25 NPU Meetings

**1,000 Residents**



Six Stakeholder Sessions

**100 Experts**



Dozens of Focused Meetings

**100 Leaders**

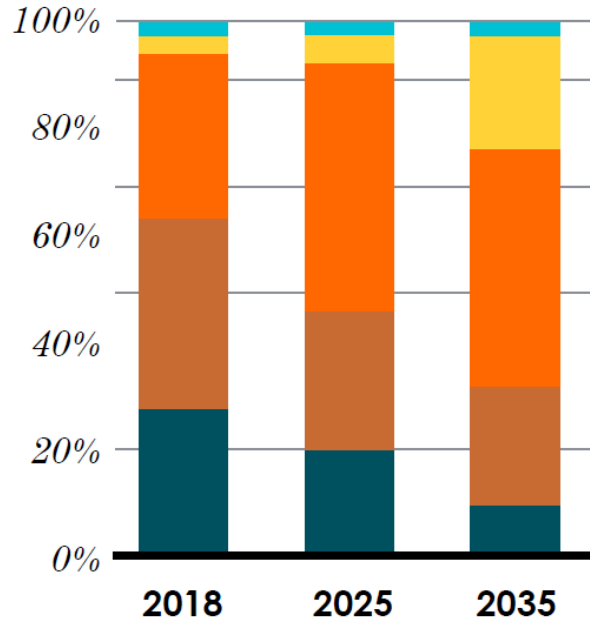


Seven Community  
Conversations & Two  
Partner Events

**500 Participants**



# Our values



Current and Projected Sources of Atlanta's Electricity (%)

(Source: The Greenlink Group)

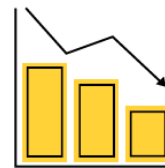
- Hydro
- Natural Gas
- Coal
- Nuclear
- Solar

## Priorities

**100% of Atlantans have a right to 100% clean energy**

- 01** Energy equity must be a priority
- 02** Investments in energy efficiency must be increased
- 03** Local investments in renewable energy must be prioritized over investments outside of the Atlanta Metro

Atlanta has three approaches that can be taken to achieve the 100% clean energy targets



**1st**  
Use less energy overall



**2nd**  
Generate more clean energy



**3rd**  
Buy renewable energy credits





# Equity is top of mind for a reason

## Atlanta has 4<sup>th</sup> highest energy burden in U.S.

(energy burden = % of household income spent on electricity + natural gas)

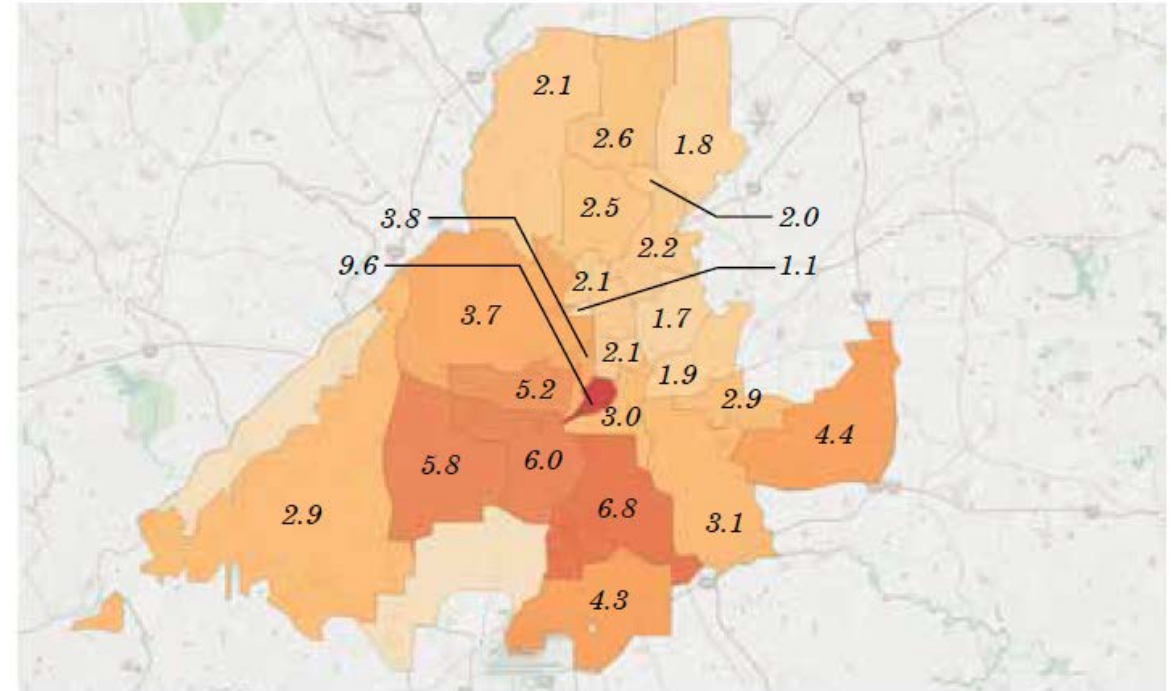
National average is 2.7% of income

Atlanta – up to 9.6% in highest ZIP codes in lower-income, minority areas


## ***Burden highest in low-income neighborhoods***

**\$245/month:** monthly utility bill for **\$26,000** household income (11.3% burden)

**\$330/month:** utility expenses for **\$90,000** household income (4.4% burden)



Atlanta Residential Electricity Burden By ZIP Code

1.1%  9.6%

# Begin with energy efficiency – save money, use less energy



## 5 simple ways to reduce your home energy bills

1. Improve home insulation (attic, walls, floors...)
2. Upgrade to ENERGY STAR® appliances
3. Weatherize your home with caulk, weather stripping...
4. Get a home energy audit
5. Adjust your thermostat





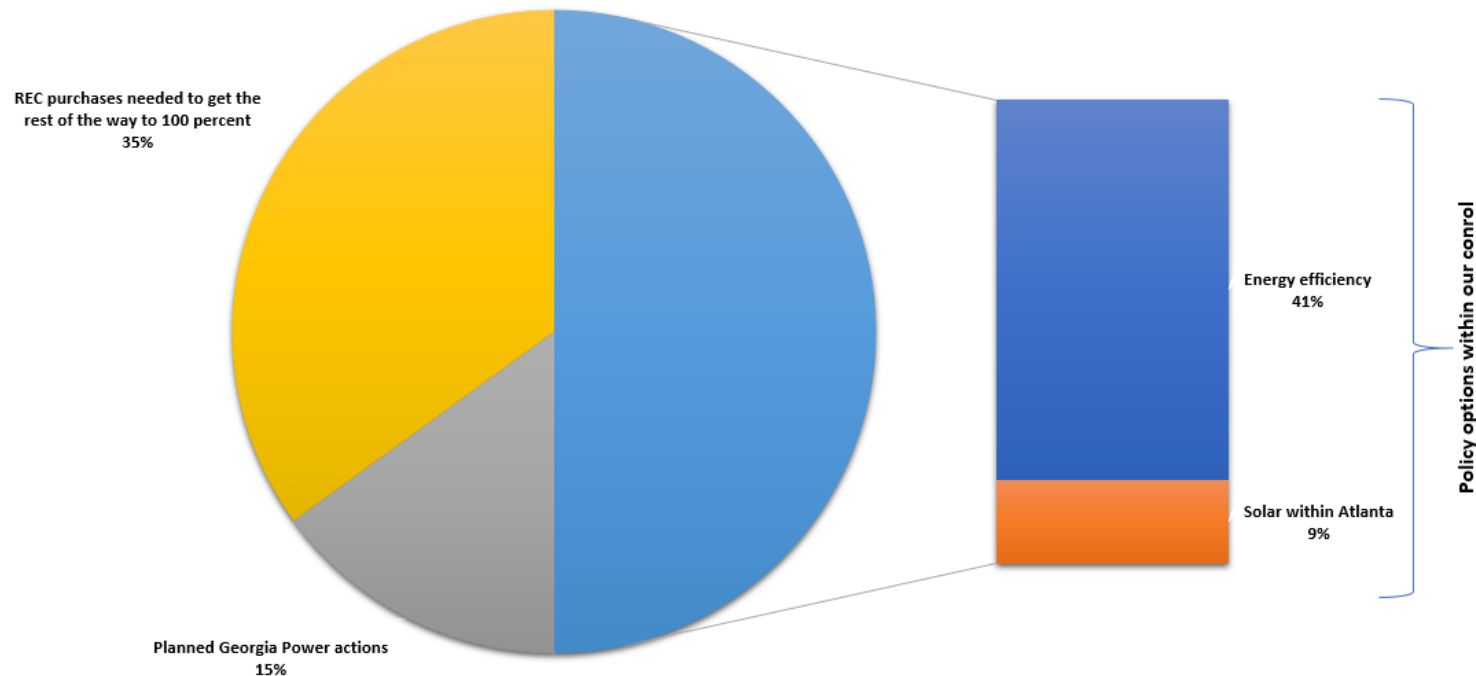


# Why change 2025 and 2035 targets?

If Atlanta maximizes all available opportunities for clean energy in Atlanta, we can only get to 65% clean energy .

Moving from 8% clean energy to 100% clean energy for by 2025 for municipal operations will involve significant REC purchases.

100% Scenario: Maximizing Atlanta's Potential



The expenditure of taxpayer and ratepayer dollars to purchase RECs from outside of the region is not how we want to achieve this goal. Allowing more time for Atlanta to pursue new policies and programs beyond what are currently available to us will keep those dollars in Atlanta.



**ATLANTA**  
OFFICE OF  
RESILIENCE



PIONEERED BY THE  
ROCKEFELLER FOUNDATION

100

RESILIENT

CITIES



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