

Clean Energy Atlanta: Planning for an Equitable 100% Clean Energy Transition

Mayor Keisha Lance Bottoms' Office of One Atlanta
Presented to City Utilities Committee - February 12, 2019





Sustainability + Equity = Resilience

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

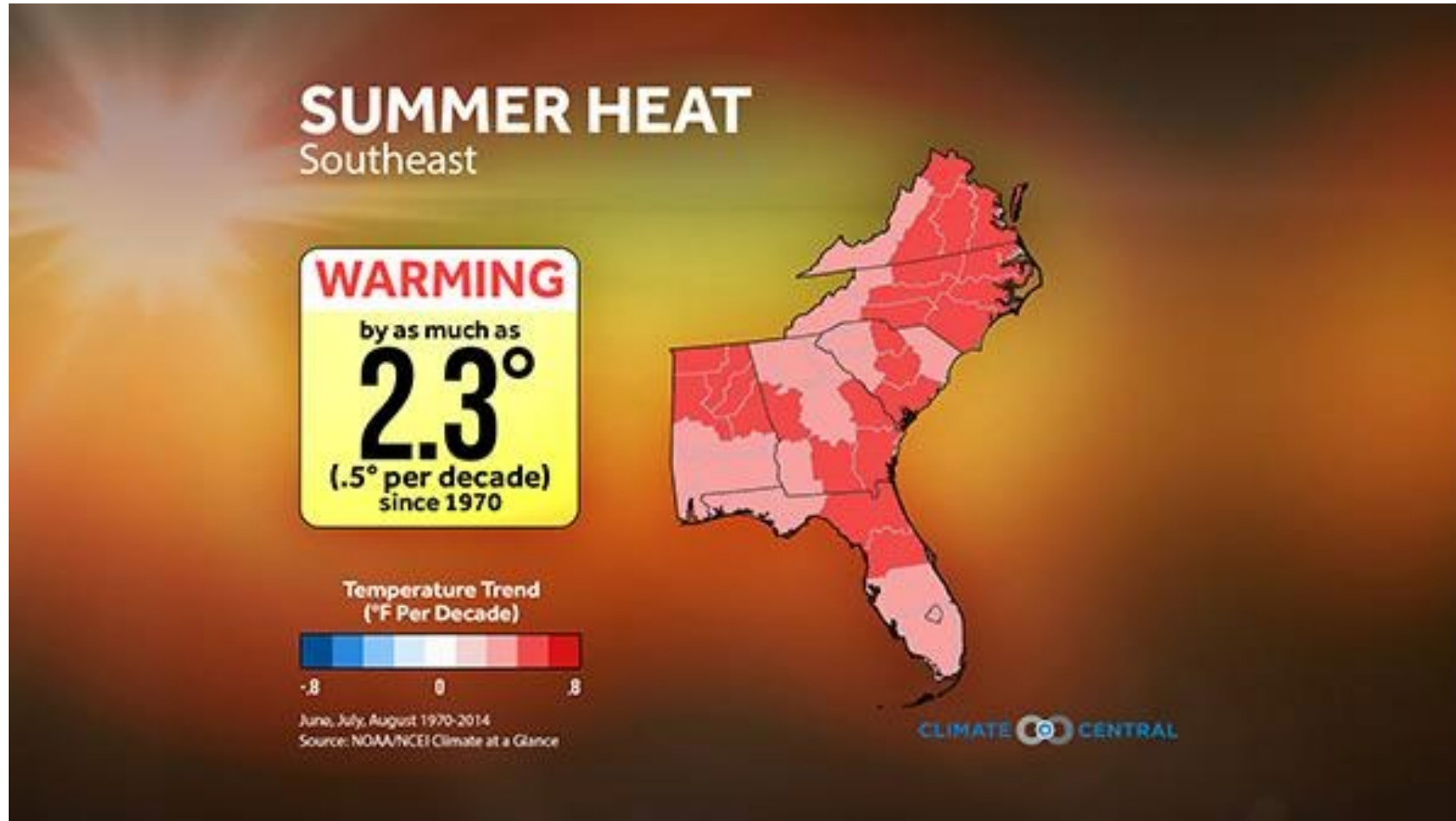


100% of **electricity** consumed in Atlanta will be generated from clean energy resources



Why should Atlanta adopt a Clean Energy Plan?

Climate Change Causes Dangerous Heat





Climate change is an equity issue.



The impacts of climate change disproportionately affects the most vulnerable in our society.



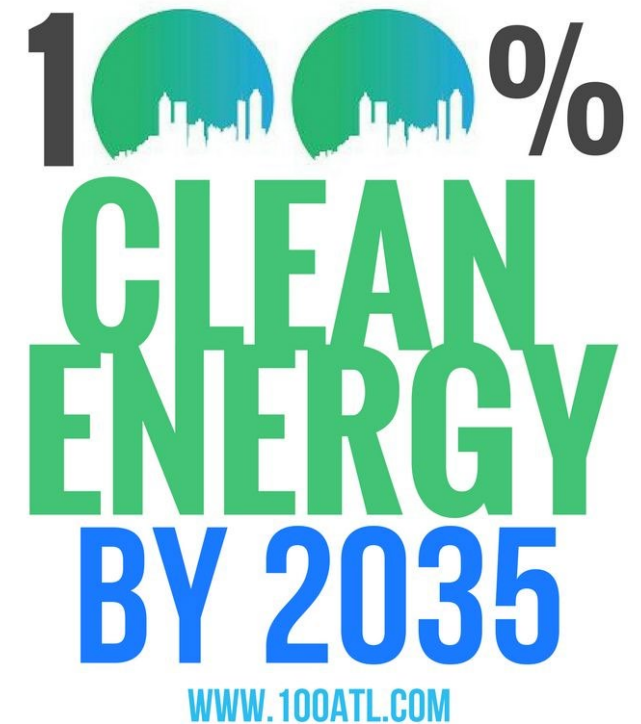
**What has Atlanta done to address the
climate crisis?**

Clean Energy Achievements



Energy efficiency upgrades to municipal building stock have saved millions, and building energy performance has led to groundbreaking policy initiatives:

- Atlanta Better Buildings Challenge
- Commercial Buildings Energy & Water Efficiency Ordinance
- Sustainable Building Ordinance
- Property Assessed Clean Energy Financing Program
- Solar Atlanta (installation of solar panels on City assets)

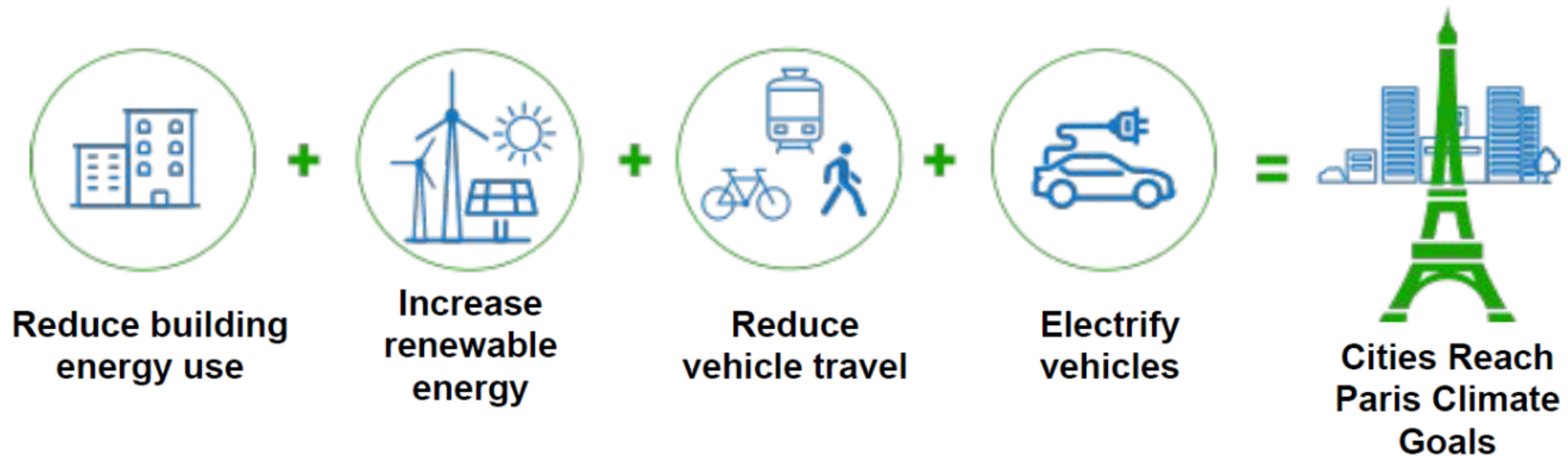


Sustainable Building Ordinance



About the American Cities Climate Challenge

The **American Cities Climate Challenge** is a Bloomberg Philanthropies initiative that aims to accelerate and deepen U.S. cities' efforts to create the **greatest climate impact through 2020** and showcase the benefits – **good jobs, cleaner air, and cost savings** – that climate solutions brings.





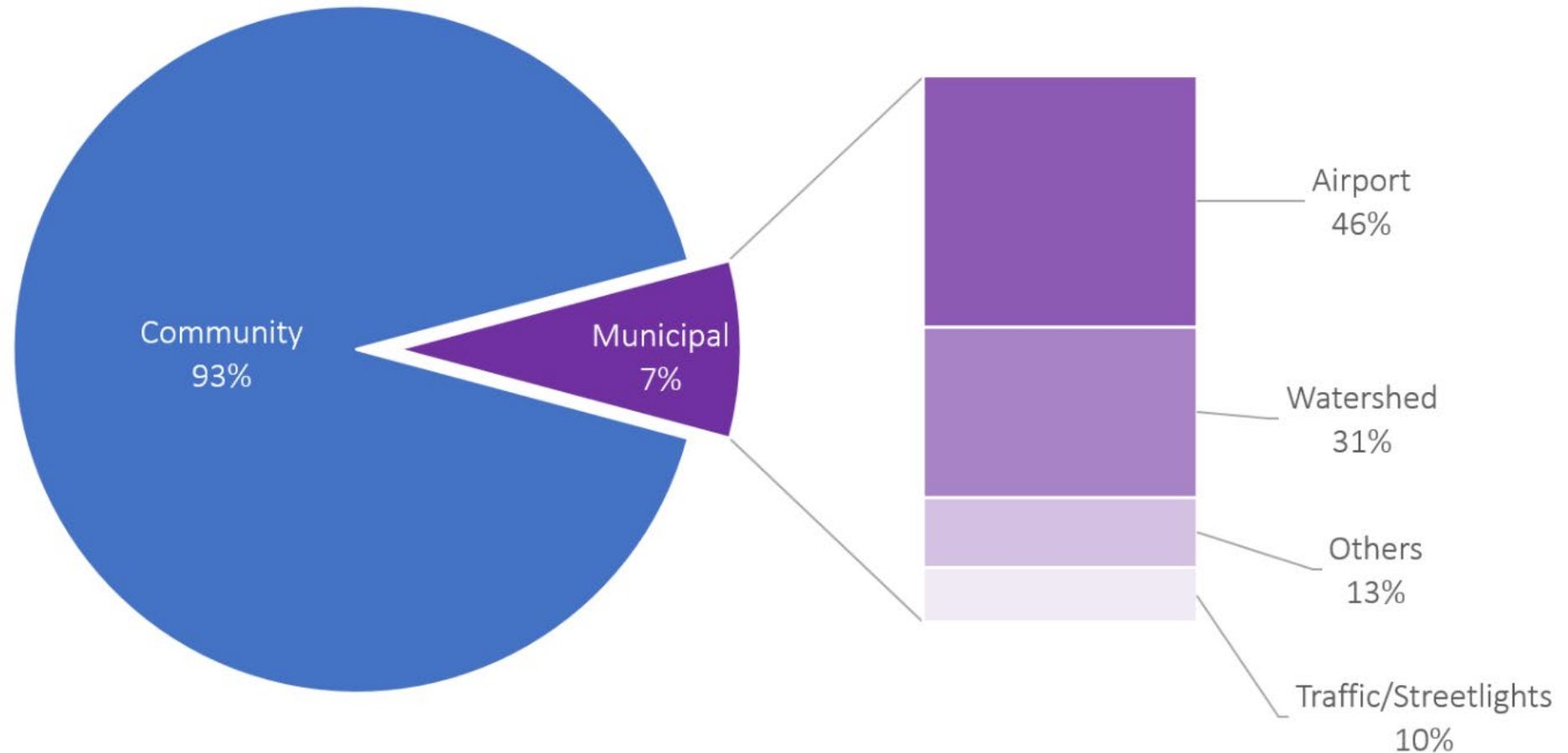
**Given how urgent the climate crisis is, in 2017,
City Council recognized that we can and must to
do more.**

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The Scope: City of Atlanta's Current Electricity Consumption



Clean Energy Atlanta - Core Partners



- City of Atlanta
- The Greenlink Group
- Natural Resources Defense Council
- Rocky Mountain Institute
- Southface



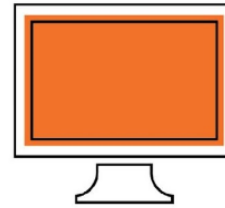
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Stakeholder Outreach



Over
3,500
People
Engaged



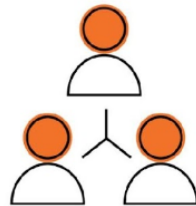
Survey

1,750 Responses



25 NPU Meetings

1,000 Residents



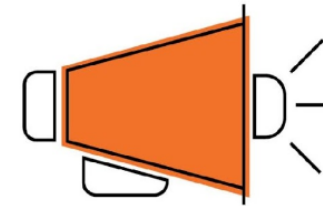
Six Stakeholder Sessions

100 Experts



Dozens of Focused Meetings

100 Leaders



Seven Community
Conversations & Two
Partner Events

500 Participants

Our values



Priorities

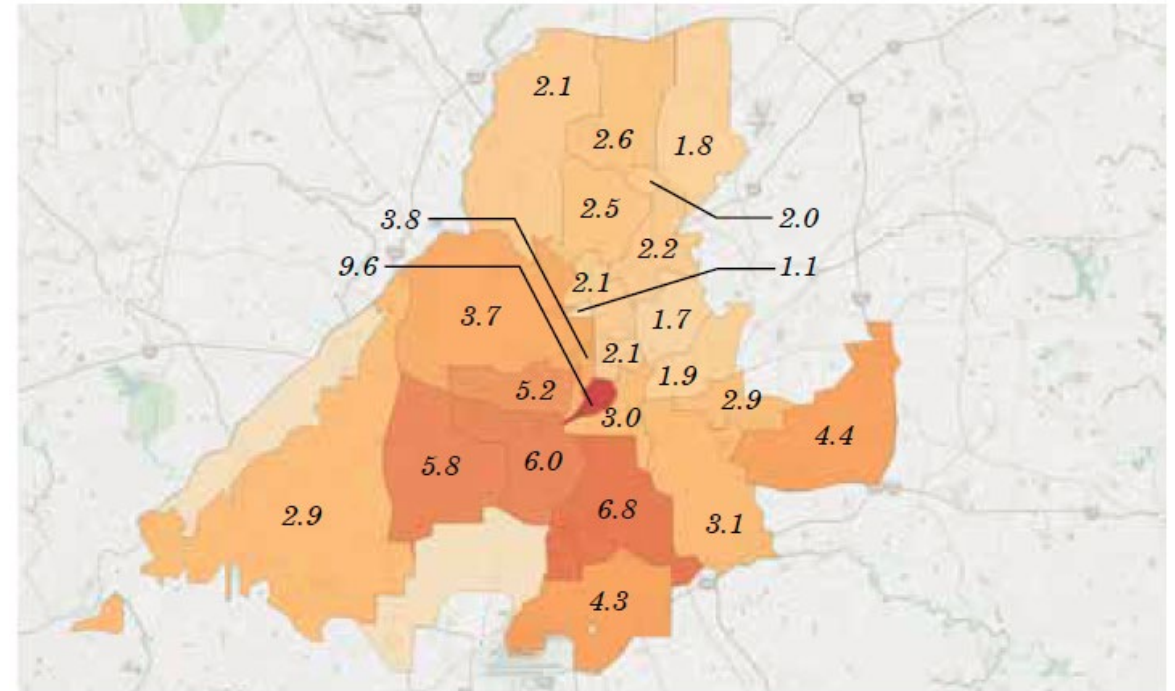
**100% of Atlantans
have a right to 100%
clean energy**

- 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

Equity is top of mind for a reason



- Atlanta has 4th highest energy burden in U.S.
- Energy burden = % of household income spent on electricity + natural gas
- Burden highest in low-income neighborhoods
 - Median of up to 9.6%



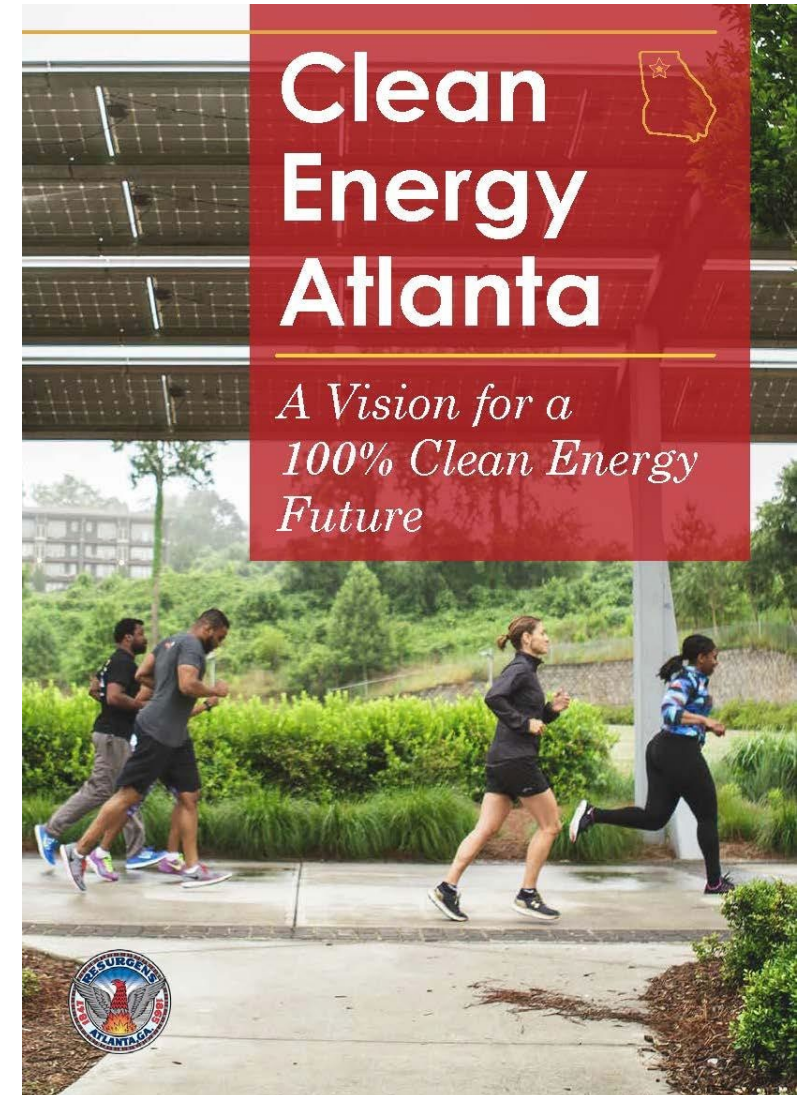
Atlanta Residential Electricity Burden By ZIP Code

1.1% ————— 9.6%

Clean Energy Atlanta



- City's current and projected future energy use
- Scenarios that get us to 100% clean energy
- Recommendations for municipal operations
- Recommendations for community-wide
- www.100atl.com



Clean Energy Saves Money



Municipal energy cost savings:

- \$10 million energy and operational cost savings to be realized annually through energy savings performance contract over next 15 years
- Several million in rebates and refunds in electricity costs realized through working with Georgia Power
- Solar Atlanta municipal project expected to yield conservatively \$3 million cost savings over 20-year term of contract while increasing City's clean energy production

Clean Energy Creates Local Jobs



680
firms



22,500
FTE jobs



\$4.3 billion
gross revenue

Energy efficiency

- 15,000 jobs
- \$2.5 billion



Solar

- 3,400 jobs
- \$800 million

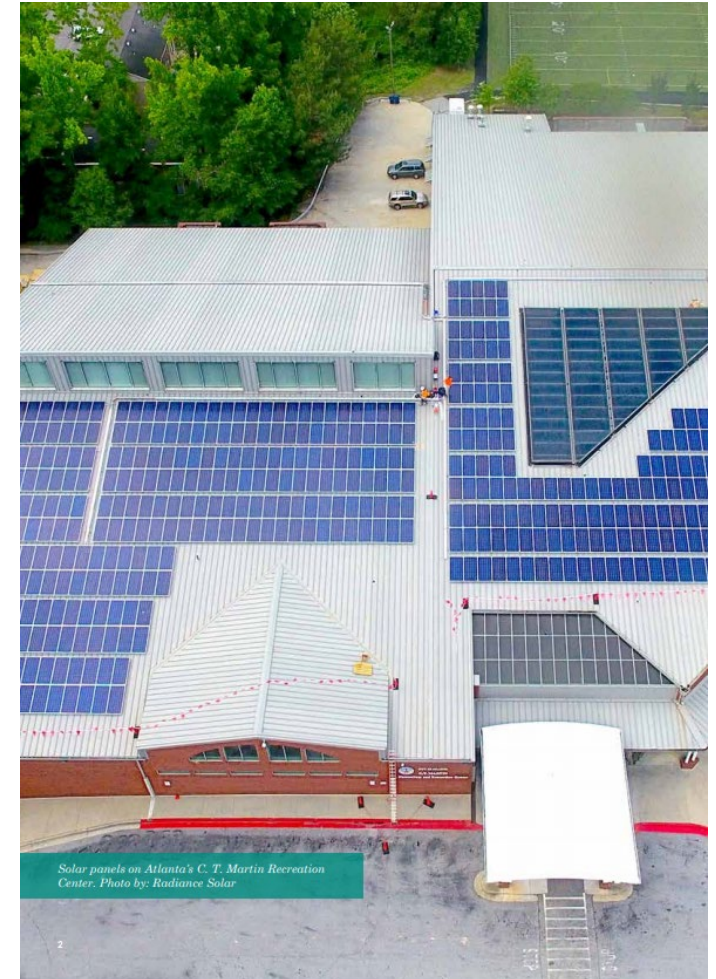


Clean Energy Atlanta is a call to action.

Upon Passage



- Formation of an advisory board within 90 days of adoption.
- Data collection and evaluation
- Annual reporting on progress towards 100% clean energy goal



Working Toward 100% Clean Energy



We'll assess policy options including:

- Building energy “stretch” codes
- Removing barriers to access for energy efficiency and renewable energy improvements
- Education on existing incentives
- Building retuning policy

Thank you!



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