REDUCE ENERGY CONSUMPTION

ENABLE MORE ON-SITE RENEWABLE ENERGY GENERATION IN THE FORM OF SOLAR ENERGY

PREPARE FOR THE TRANSITION TO ELECTRIC VEHICLES (EV), AND

PROVIDE A MECHANISM TO TRACK PROGRESS TOWARD THE 2030 ZERO CARBON BUILDINGS GOAL

Charlotte will lead as a global city, by continuously improving, protecting, and preserving the environment, its community, and economy, while ensuring equity and resilience – for today’s and future generations.
**OPERATIONS & MAINTENANCE**

- Standardizes citywide buildings and temperature heating and cooling set points to reduce energy use.
- Aligns how we measure our buildings energy performance (benchmarking) with other leading cities by using EPA’s Portfolio Manager tool to identify the least efficient buildings.
- Establishes a process to integrate benchmarking data into existing capital planning processes for best use of city funds for maximum energy savings.

**NEW CONSTRUCTION & MAJOR RENOVATION**

- Increases emphasis on energy efficiency/renewable energy in building design.
- Includes that new construction will have the capability to install electric vehicle charging, which supports our fleet and the market transformation to electric vehicles.
- Requires on-site solar energy in new buildings and roof replacement projects unless determined to be uniquely prohibitive.
- Incorporates smart energy management solutions for energy-consuming devices (plug loads).

**OTHER HIGHLIGHTS**

- Formalizes internal and external performance reporting processes to measure progress toward 2030 SEAP zero carbon buildings goals and lead by example in the community.
- Creates concrete mechanisms for policy compliance and exceptions.
- Establishes data driven-decision making as a core principle.
- Separates policy requirements from implementation details into separate documents.

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- [Image of a thermostat]
- [Image of solar panels being installed]
- [Image of electric vehicle chargers]

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- [SEAP logo]