SUSTAINABLE FACILITES POLICY UPDATE

The revised Sustainable Facilities Policy directs city departments to design, construct, and operate city buildings in alignment with our 2030 Strategic Energy Action Plan goals to have all of our buildings and fleet fueled by 100% zero carbon energy.

THE FOCUS OF THE REVISED POLICY

- ✅ **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

SEAP
STRATEGIC ENERGY ACTION PLAN
♛ CITY of CHARLOTTE