

**RESOLUTION ESTABLISHING ACTION STEPS FOR IMPLEMENTATION OF  
SUSTAINABILITY GOALS**

**WHEREAS**, in 2018, Governor Roy Cooper signed Executive Order-80, “North Carolina’s Commitment to Address Climate Change and Transition to a Clean Energy Economy,” which states that North Carolina will honor the 2015 Paris Agreement goals and the state’s commitment to the United State Climate Alliance, and requires the state to reduce its GHG emissions to 40% below 2005 levels by 2025; and

**WHEREAS**, on November 16, 2020, Council approved Resolution #20-0499 to establish the goal of 40% greenhouse gas reduction by 2025, 50% clean renewable energy by 2030 and 100% clean renewable energy by 2050 for city operations where feasible and creation of green jobs; and

**WHEREAS**, the 2021 energy inventory of city operations has only shown a 0.81% reduction in emissions from the 2008 baseline target; and

**NOW, THEREFORE, BE IT RESOLVED** by the Mayor and City Council of the City of Winston-Salem that the City Manager is hereby authorized to take the following actions:

**Energy Assessment**

1. By the end of 2023, hire a consultant firm to conduct an energy audit that will reduce total energy usage and convert Winston-Salem to 50% renewable energy by 2030.

**Facilities**

2. By the end of 2023, the City shall fund and begin to implement projects in support of the Office of Sustainability Internal Sustainability Action Plan goals and actions by prioritizing projects that make the most fiscal sense, such as:
  - a. Lighting retrofits.

- b. Implement a city-wide energy conservation standard that includes changing thermostat set points and reducing operating hours of HVAC and lighting equipment.
- c. Replace HVAC systems that are at the end of their useful life with higher efficiency systems.
- d. Replace older thermostats with building automation systems or smart thermostats.
- e. Seek other sources of energy reduction with low-cost solutions.
- f. Require green design standards for new construction and major renovations of City buildings.

### **Fleet**

- 3. By 2024, all new vehicle acquisitions should be at least 50% ZEV vehicles.
- 4. In each subsequent year, the percentage of ZEV acquisitions will increase, reaching 100% by 2035.
- 5. Level II or greater charging stations will be installed, as needed, at City fleet depots.

### **Funding**

- 6. Earmark internal resources to support the work and pursue external opportunities to help defray project costs.

### **Equity**

- 7. All work plans shall consider environmental justice impacts, especially with respect to localized air quality, so that impacted communities are prioritized.