

RESOLUTION 2021-81

A RESOLUTION TO ENDORSE THE ENERGY POLICY GUIDE

WHEREAS, on July 28, 2009, the Board of Mayor and Aldermen (BOMA) approved Ordinance 2009-41 that created a Sustainability Commission to serve in an advisory capacity; and

WHEREAS, on August 11, 2009, the BOMA approved Ordinance 2009-36 that endorsed the Sustainable Community Action Plan and encouraged all citizens to participate; and

WHEREAS, the City has completed or initiated many of the items from the 2009 Action Plan, including the establishment of a residential curbside recycling program, the adoption of a Greenways and Open Space Master Plan, a reduction in municipal electricity costs, and the procurement of several grants; and

WHEREAS, in 2013, the Sustainability Commission held two open-house meetings and conducted an online survey to collect feedback on sustainability related efforts and to determine the most important issues; and

WHEREAS, the BOMA endorsed an updated Sustainability Action Plan in 2013, which was derived from feedback received from the public outreach efforts and contains a section on Energy Conservation and Renewable Energy; and

WHEREAS, in 2018 the City of Franklin was named LEED Silver in the LEED for Cities certification program; and

WHEREAS, in 2020, the Sustainability Commission identified their top three priority areas in which to focus their upcoming work: Energy Conservation and Renewable Energy, Waste Reduction, and Transportation; and

WHEREAS, the Sustainability Commission created the Energy Policy Guide to establish policy statements pertaining to energy conservation and renewable energy and to identify action items for the Sustainability Commission to further study.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF MAYOR AND ALDERMEN OF THE CITY OF FRANKLIN that it endorses the attached Energy Policy Guide (Exhibit A) and charges the Sustainability Commission to further study the action items to bring forth strategies, as deemed appropriate, for the BOMA to consider in its planning, policymaking, and municipal practices.

IT IS SO RESOLVED AND DONE on this _____ day of _____, 2021.

ATTEST:

CITY OF FRANKLIN, TENNESSEE:

By: _____

**Eric S. Stuckey
City Administrator**

By: _____

**Dr. Ken Moore
Mayor**

Approved as to Form:

By: _____

**Shauna R. Billingsley
City Attorney**



SUSTAINABILITY COMMISSION

ENERGY POLICY GUIDE

The City of Franklin is committed to evaluating energy projects that make fiscal and environmental sense. It's also positioned to make policy changes to encourage advancing energy efficient and renewable energy technologies.

POLICY STATEMENTS

1. The City seeks to use renewable energy, energy efficient technology, and conservation measures to make operations more resilient to future cost increases in order to flatline total municipal electricity usage and costs while adding new infrastructure and services.
2. The City encourages and seeks to make it easier for residents and businesses to adopt energy conservation practices and utilize alternative energy technologies to help them be more resilient to future cost increases.

ACTION ITEMS

1. Reduce street light energy usage by converting all street lights to LEDs. Require LEDs for any new streetlight service the City pays for on a monthly basis.
2. Evaluate renewable energy and energy saving measures for the new City Hall.
3. Complete comprehensive energy audits of all city-owned buildings with a focus on energy cost reduction.
4. Evaluate future uses for the 200 kW solar project.
5. Complete a comprehensive study of the municipal fleet with a focus on fuel cost reduction.
6. Perform community-wide electric vehicle readiness analysis.
7. Evaluate the use and costs of LED sports lighting.
8. Consider updating the residential energy code to 2018 IECC.
9. Utilize social media and conventional media channels to inform the public about the City's energy efforts.
10. Act as advocate to the State legislature for energy related policies.



TOTAL MUNICIPAL ELECTRICITY USAGE AND COST

FY Year	Usage	Cost
2008 Base Year	24,807,442 kWh	\$2,642,664.00
2013-2014	27,118,515 kWh	\$2,664,966.00
2014-2015	26,743,092 kWh	\$2,905,019.72
2015-2016	27,762,427 kWh	\$2,880,570.71
2016-2017	26,790,143 kWh	\$2,672,170.01
2017-2018	23,561,360 kWh	\$2,702,953.47
2018-2019	25,029,025 kWh	\$2,871,121.38
2019-2020	24,705,955 kWh	\$2,753,071.49

ELECTRICITY USAGE AND COST FY 2019-2020

FY Year	Usage	Cost
Fire Stations (8) + sirens	912,571 kWh	\$96,581.82
Police HQ + Garage	2,045,800 kWh	\$170,373.73
City Hall + 2nd Ave Garage	853,281 kWh	\$83,403.77
Public Works	626,880 kWh	\$56,878.06
Sanitation/Solid Waste	258,320 kWh	\$26,238.61
Parks	597,628 kWh	\$68,839.53
Water Treatment/Pumps	3,969,525 kWh	\$388,508.72
Wastewater Treatment/Sewer	13,239,728 kWh	\$1,209,811.05
Unmetered Street Lights	N/A	\$465,943.54
Metered Street Lights	991,817 kWh	\$82,958.42