

Introduced by Treece Council Bill No. R 130-18

A RESOLUTION

adopting goals for the reduction of community and municipal carbon emissions through local policies, services and practices.

WHEREAS, the City of Columbia, Missouri desires to protect and enhance the quality of life for all those who live, work, learn and play in our community; and

WHEREAS, there is scientific consensus regarding the reality of climate change and the recognition that human activity, especially the combustion of fossil fuels that create greenhouse gases, is an important driver of climate change; and

WHEREAS, actions that reduce climate pollution have the potential to improve air quality, public health, energy security, social equity, natural environment and quality of life for residents; and

WHEREAS, the City Council reaffirmed its commitment to reduce carbon emissions for the benefit of citizens in the community with the adoption of resolution R83-17A on June 19, 2017; and

WHEREAS, the City Council established the Mayor's Task Force on Climate Action and Adaptation Planning with the adoption of resolution R184-17 on December 18, 2017; and

WHEREAS, the purpose of the Mayor's Task Force on Climate Action and Adaptation Planning is to work with city staff, consultants and the community on developing goals and strategies for the Climate Action and Adaptation Plan; and

WHEREAS, this resolution establishes the emission reduction goals proposed by the Mayor's Task Force on Climate Action and Adaptation Planning.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF COLUMBIA, MISSOURI, AS FOLLOWS:

SECTION 1. Purpose. The City of Columbia, Missouri shall reduce carbon emissions associated with both the community's and the City's municipal operations in a manner consistent with this resolution.

SECTION 2. Definitions. For purposes of this resolution, the following words and terms shall have the meanings respectively ascribed thereto:

1. *“Community carbon emissions”* shall mean carbon emissions in the community, including municipal carbon emissions. These are emissions generated through activities by residents, visitors and workers in Columbia and include:
 - a. Stationary energy, including emissions from residential, commercial and institutional buildings and facilities, manufacturing industries and construction, energy industries, and fugitive emissions from other energy systems;
 - b. Transportation, including emissions from on-road, railway, aviation, and off-road transportation; and
 - c. Waste, including emissions from solid waste disposal, biological treatment of waste, wastewater treatment and discharge.

2. *“Municipal carbon emissions”* shall mean a subset of the City of Columbia’s total community greenhouse gas emissions. These are emissions generated through normal city operations and activities and include:
 - a. Streetlights and traffic signals electricity usage;
 - b. Facility electricity and natural gas usage;
 - c. Facility solid waste disposal;
 - d. Fleet fuel consumption;
 - e. In-town power generation;
 - f. Landfill emissions;
 - g. Airport fuel consumption;
 - h. Wastewater treatment emissions; and
 - i. Employee commuting emissions.

SECTION 3. Baselines. The baseline is the starting point of existing emissions for purposes of comparison to the long-term goals. Each baseline was measured in calendar year 2015. The following are the carbon emission baselines for each category:

1. Community Carbon Emissions: 2.86 million metric tonnes per year.
2. Municipal Carbon Emissions: 322,648 metric tonnes per year.

SECTION 4. Goals. The City of Columbia, Missouri, through its local policies, services and practices, will strive to meet the carbon emission reduction goals as provided for in this section by:

1. Reducing the amount of community carbon emissions as follows:
 - a. Thirty-five percent (35%) reduction of community emissions by 2035;
 - b. Eighty percent (80%) reduction of community emissions by 2050; and
 - c. One hundred percent (100%) reduction of community emissions by 2060.

2. Reducing the amount of municipal carbon emissions as follows:
 - a. Fifty percent (50%) reduction of municipal emissions by 2035; and
 - b. One hundred percent (100%) reduction of municipal emissions by 2050.

ADOPTED this 20th day of August, 2018.

ATTEST:




City Clerk



Mayor and Presiding Officer

APPROVED AS TO FORM:



City Counselor