

By: **MR. JOSEPH**.....

No. **6572-21**.....

A RESOLUTION

Declaration of a Climate Emergency, including a
Commitment to Renewable Resources, and Declaring
an Emergency.

WHEREAS, According to the National Aeronautics and Space Administration (NASA) and its Goddard Institute for Space Studies (GISS), the global temperature during each of the past 5 years has been the warmest on record; and,

WHEREAS, Scientists indicate that at the current rate of warming, the planet will be experiencing catastrophic conditions within *approximately 10 years*; and,

WHEREAS, According to the United Nations Panel on Climate Change, all nation must reduce total CO2 emissions by 45 percent by 2030, and must eliminate carbon emissions by 2050 to limit global temperature rise to no more than 1.5 degrees Celsius, in order to avoid catastrophic change undermining economic, natural, and social systems; and,

WHEREAS, On August 26th, 2020, the Commission of the City of Dayton unanimously adopted a comprehensive *Sustainability Strategy* for the City. Among its 115 actions, the Strategy calls for efforts to address climate change threats, curb and mitigate greenhouse gas emissions, including carbon, and indicted that the City should declare a climate emergency; and,

WHEREAS, Climate change threatens the stability of the U.S. economy by damaging property, threatening infrastructure, impacting human health, worker productivity, forestry, fisheries, agriculture and tourism, which could cost the U.S. \$520 billion each year; and,

WHEREAS, On January 27, 2021, the President of the United States issued Executive Order No. 14008 which calls for the following actions at the Federal level:

- i. The relevant agencies will designate climate change as a priority for both foreign policy and national security.
- ii. The U.S. will rejoin the 2016 Paris Climate Accords.
- iii. The government will take a government-wide approach to combat the climate crisis, including prioritizing actions on climate change in all policy-making and budget processes.
- iv. Halt subsidies from the Federal Government to the fossil fuel industry, and,
- v. Covert the federal fleet, including the Postal Service, to electric vehicles by 2035; and,

WHEREAS, On January 28, 2021, General Motors Company announced that it would halt the production of cars and trucks with internal combustion engines in favor of electric

vehicles by 2035; and,

WHEREAS, The climate crisis cannot be separated from the ongoing efforts to achieve public health threats, as well as economic and racial justice; and,

WHEREAS, In July 2020 the Climate Mayors (including Dayton) sent a letter to Congressional leaders calling for a significant Federal investment that will facilitate a post-pandemic green and equitable economic recovery, featuring the use of clean energy; and,

WHEREAS, Climate change has increased the frequency and intensity of natural disasters. According to the National Ocean Atmospheric Administration (NOAA), the last several years of natural disasters have been some of the most destructive in U.S. history. In 2019 alone, NOAA estimated that \$45 billion dollars were needed for disaster recovery and relief. Climate change is expected to cause more severe weather events and the resulting economic burden, particularly at the local and state levels; and,

WHEREAS, Dayton is expected to experience more severe flash flooding as well as periods with little to no rain. We can also expect warmer winters, hotter summers, and more severe weather events similar to the 2019 Memorial Day tornadoes; and,

WHEREAS, According to the Center for Disease Control (CDC), climate change and other human stressors exert considerable influence on human health and disease. As climate change worsens, existing health threats will intensify and new health threats will emerge. This includes health threats from flooding, prolonged droughts, temperature extremes, wildfires, food security, transportation disruptions, stress disorders and disease carried by vectors. Similar to COVID-19, we may see more novel disease due to climate change and will have to quickly adapt to the consequences; and,

WHEREAS, Renewable energy represents an enormous economic opportunity for the creation of jobs, an increase in economic security, and an expansion of local prosperity; and,

WHEREAS, The cost of utility-scale wind and solar energy is rapidly decreasing, thereby easing the financial burden on low-income households, fostering equality as a percent of household incomes, reducing the volatility of energy prices, and making renewable energy more affordable; and,

WHEREAS, Individual rooftop solar, other renewable energy sources, and energy efficiency techniques offer an opportunities to address poverty, stimulate new economic activity and reduce costs on those currently adversely impacted by high energy bills; and,

WHEREAS, It is critical that Dayton begin moving forward to address these issues in order to make timely and adequate progress toward the goals stated below; and,

WHEREAS, For the immediate preservation of the public peace, property, health and safety, it is necessary that this Resolution take effect immediately; now, therefore,

BE IT RESOLVED BY THE COMMISSION OF THE CITY OF DAYTON:

Section 1. The Commission of the City of Dayton hereby declares that, due to the sense of urgency, the number and magnitude of the diverse measures that need to be pursued, and the number of potential partners and interested organizations that will likely need to participate, a climate emergency currently exists. Consequently, timely and effective actions need to be taken across all City operations and activities.

Section 2. By 2050, the City commits to achieving 100% clean, renewable electrical energy.

- i. By 2025, conduct a greenhouse gas inventory to ensure the City establishes implementation measures sufficient to address those emissions.
- ii. By 2035, purchase one hundred percent (100%) renewable energy for municipal electricity consumption.
- iii. By 2040, purchase or secure one hundred percent (100%) renewable energy for the community-wide electricity supply.
- iv. By 2050, purchase or secure one hundred percent (100%) renewable energy for all energy-use sectors including transportation.
- v. In the short term, priority will be given to methods and techniques that lower energy costs through increased building and operational efficiencies, including weatherization, cogeneration, district heating and cooling, decentralized electricity generation and smart grids/microgrids, additional measures designed to reduce energy consumption, and programs that create an energy-saving culture in Dayton's workforce, residents and businesses.
- vi. By 2035, convert one hundred percent (100%) of the City fleet to electric or other renewably-powered vehicles, including the necessary infrastructure needed to support these vehicles.
- vii. In the longer term, pursue direct investments in renewable resources over the purchase of unbundled Renewable Energy Credits (RECs). Ultimately, RECs will be phased out in favor of more direct energy supplies.

Section 3. The City will consult the Environmental Advisory Board (EAB) on the best methods and approaches to achieve the goals set forth in Section 2. When filling future vacancies on the Board, the City will solicit interest from residents who represent communities of color, and low-income neighborhoods, as well as advocates for environmental protection energy and sustainability.

Section 4. A transition to renewable energy presents an opportunity to redress historical inequities in our community. To ensure Dayton takes advantage of this opportunity, the City will undertake the following:

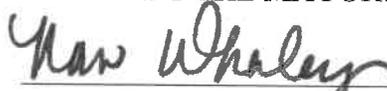
- i. Establish targeted programs and incentives to foster greater equality in energy burden as a percent of household incomes.
- ii. Train and hire people from within communities of color and women that have traditionally been underrepresented in renewable energy, energy efficiency, and the workforce needed to implement a successful renewable energy transition.
- iii. Conduct a jobs analysis to ensure that existing fossil fuel jobs are either

- maintained or justly transitioned to comparable paying jobs.
- iv. Ensure equitable access to distributed renewable energy ownership including community-solar projects and rooftop solar installation.

Section 5. For the reason set forth in the preamble hereof, the Commission declares this Resolution to be an emergency measure which shall take effect immediately upon its passage.

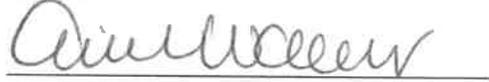
ADOPTED BY THE COMMISSION. **APRIL 21**....., 2021

SIGNED BY THE MAYOR..... **APRIL 21**....., 2021



Mayor of the City of Dayton, Ohio

Attest:



Clerk of the Commission

Approved as to form:



City Attorney