

**Resolution No. 19-2-2328  
Monona Common Council**

**CITY OF MONONA RESOLUTION TO ADDRESS CLIMATE CHANGE THROUGH  
100 PERCENT CLEAN<sup>1</sup> ENERGY AND RESILIENCY<sup>2</sup>**

**WHEREAS**, the City of Monona is committed to creating a vibrant future for our community by taking responsible and effective action to arrest global warming and become resilient to the devastating risks of climate change on our health and well-being, ecosystems and economy; and

**WHEREAS**, the Mayor is a 2017 signatory to the Climate Mayors' Pledge to adopt and uphold the Paris Climate Agreement to limit global temperature rise to 1.5 degrees Celsius; and

**WHEREAS**, the City has been committed to reducing its carbon footprint since resolving in 2010 to generate 25 percent of its energy from renewable sources locally by 2025 as an Energy Independent Community; and

**WHEREAS**, the City adopted a Comprehensive Plan in 2014 and a Sustainability Plan in 2015 that addresses climate change, is a partner in the Dane County Energy and Climate Commission to move deep decarbonization County-wide, and is developing a comprehensive clean energy action plan in 2019; and

**WHEREAS**, the City has installed solar energy projects on four of five of its largest City-owned building rooftops; and

**WHEREAS**, the City is committed to ensuring all residents enjoy the benefits of energy efficiency and renewable energy, electrified transportation, fair utility rates, and employment opportunities of a clean energy economy; and

**WHEREAS**, youth and future generations will be most severely impacted by climate change, and it is the duty of current leaders to act promptly and resolutely to mitigate climate change for their benefit; and

**WHEREAS**, the City acknowledges that low-income residents and other vulnerable communities are often most burdened by energy rates and climate impacts; and,

**WHEREAS**, the economic impacts of severe climate events will become unaffordable to Monona taxpayers as the August 2018 flooding clearly demonstrated, so that mitigating climate change while improving the resilience of City infrastructure is the prudent, fiscally responsible thing to do; and

**WHEREAS**, climate scientists agree unequivocally that local climate change impacts will continue to include increasingly severe and more frequent droughts, worsening heat waves, excessive flooding, dieback of native tree species, reduced winter sports opportunities, increased prevalence of algal blooms on area lakes and ponds; and loss of suitable trout stream habitat in Wisconsin; and

**WHEREAS**, community-based, regenerative environmental infrastructure development can benefit the entire City, and positively enhance our ecosystems, provide jobs, add to economic activity, and provide equity benefits; and

**WHEREAS**, use of distributed solar and other renewable energy sources, paired with energy storage, and backed up by renewable co-generation, is an important strategy to build disaster resilience in the City; and

<sup>1</sup> **Clean energy** is defined as energy efficiency plus emission-free renewable energy.

<sup>2</sup> **Resiliency** is the strengthening of the ability of people and ecosystems to withstand and respond to severe events and ongoing climate changes.

**WHEREAS**, the City's energy use could be served by existing renewable energy technologies at reasonable cost, and the economic opportunities from a clean energy transition greatly exceed the diminishing economic opportunities from fossil fuels; and

**WHEREAS**, given the accelerating rate of climate change, as detailed in the Intergovernmental Panel on Climate Change (IPCC) Special Report on Global Warming SR15 and in the Fourth National Climate Assessment, it is urgent that energy consumers, the City, and the utility serving the City must take strong, swift action to reduce carbon emissions, and shift to 100 percent renewable electricity by 2030, which is within practical and economic reach; and

**WHEREAS**, Monona's utility provider, Madison Gas & Electric, which has pledged to increase its energy mix to at least 30% renewable energy by 2030 with at least an 80% reduction in carbon dioxide emissions by 2050 from 2005 levels, will be a key partner in creating additional cost-effective renewable energy generation, electrified transportation, energy efficiency improvements, and a progressive grid to assist the City in achieving its clean energy and resilience goals; and

**WHEREAS**, achieving these energy goals will require concerted action from individuals and the community, in urban and rural areas county-wide, from local and state governments, and from businesses and utilities.

**NOW, THEREFORE, BE IT RESOLVED**, by the Common Council of the City of Monona, Dane County, Wisconsin, the City affirms its ongoing commitment to intensify its action to meet the green house reduction goals of the Paris Climate Agreement, and opposes the rollback of science and climate policy at the federal and state levels; and

**BE IT FURTHER RESOLVED**, that, given energy efficiency is a key and economical choice for meeting energy needs and reducing our carbon footprint, the City will advance energy efficiency and conservation projects, programs and outreach; and

**BE IT FURTHER RESOLVED**, that the City will increase green infrastructure such as urban tree canopy, green streets, green roofs, electric vehicle charging stations, and bike and pedestrian infrastructure as an effective strategy to reduce energy consumption and increase public health and well-being along with other climate resiliency strategies;

**BE IT FURTHER RESOLVED**, the City will meet its 100% renewable energy goals for city operations including buildings, infrastructure and fleet by:

- a) reducing its energy use for city operations by at least 15% by 2030, 40% by 2040 and 50% by 2050; and
- b) meeting 35% of its electric needs for City operations through renewable energy resources by 2025 and 100% by 2030; and
- c) meeting 65% of all City operations energy needs with renewable energy by 2030, 85% by 2035, and 100% by 2040; and

**BE IT FURTHER RESOLVED**, the City will work to achieve its 100% renewable energy goal community-wide by establishing goals with increasing targets to:

- a) reduce community-wide energy use at least 10% by 2030, and 40% by 2050; and
- b) meet 35% of community-wide electric needs through renewable energy resources by 2025, 50% by 2030, 75% by 2035, and 100% by 2040; and
- c) meet 20% of community-wide energy needs with renewable energy by 2030, 80% by 2040, and 100% by 2050; and

**BE IT FURTHER RESOLVED**, the City will support energy resources and programs that benefit low-income residents and create more equity in energy use, rates and jobs in the community; and

**BE IT FURTHER RESOLVED**, the City will prioritize renewable resources and programs during the transition to 100 percent renewable energy; and, when purchasing renewable energy credits (RECs), will prioritize those that generate new renewable energy in Wisconsin; and

**BE IT FURTHER RESOLVED**, the City will prioritize community-based development of renewable energy in Dane and surrounding counties; and

**BE IT FURTHER RESOLVED**, the City will collaborate with other governmental and public entities locally and regionally to facilitate all clean energy measures; and

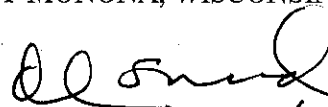
**BE IT FURTHER RESOLVED**, the City will prioritize local and micro-grid-based renewable energy projects over remote generation and transmission, and provide renewable energy and energy storage at key public facilities to reduce vulnerability to main electric grid failure; and

**BE IT FURTHER RESOLVED**, the City will develop resiliency strategies to deal with anticipated changes and severe climate events associated with climate change; and

**BE IT FURTHER RESOLVED**, that this resolution requires that the Mayor, City Council, Committees, Commissions and staff actively reduce climate change impacts by amending and developing plans, ordinances, policies and budgets to move Monona toward being a 100% renewable energy and resilient city in order to create a healthier, safer and more prosperous community.

Adopted this 4<sup>th</sup> day of March 2019.

BY ORDER OF THE CITY COUNCIL  
CITY OF MONONA, WISCONSIN

  
Mary K. O'Connor  
Mayor

Douglas S. Wood  
Acting Mayor

ATTEST:

Joan Andrusz  
Joan Andrusz  
City Clerk

Approval Recommended By: Sustainability Committee – 2/13/19

Council Action:

Date Introduced: 2-18-19

Revised: 3-4-19

Date Approved: 3-4-19

Date Disapproved: \_\_\_\_\_