

Additional Background Information for resolution supporting actions, strategies and programs that promote energy, environmental and climate change sustainability and resiliency.

Many studies have shown long-term cost savings through investment in climate mitigating policies and actions, which pay for themselves many times over in reduced lifetime operational costs¹

A public opinion poll conducted in the Second Congressional District found that over 60% of respondents believed that climate change is happening, is caused by human activity, and is affecting the weather; 58% are worried about climate change; and 47% believe that local government officials should do more about climate change²

The Scott County Health Department recognizes that over 12% of Scott County residents live in poverty and suffer inequities in access to healthy living necessities and quality health services and are therefore economically and socially more vulnerable to the adverse effects of climate change and environmental degradation³

Additional City of Davenport energy and environmental conservation actions to reduce energy use also include the August 2020 derecho and increasing flooding, including, but not limited to: stormwater management and enforcement; LEED-certified municipal buildings; capturing and converting methane into energy at the Water Pollution Control Plant; installing LED bulbs in street and traffic management lights; planning for and constructing alternative transportation options (DavenportGO); conducting recycling programs; and collecting energy use baseline data in city buildings⁴

References:

1. Congressionally-mandated report from the Multihazard Mitigation Council, <http://www.nibs.org/MMC/mmcactiv5.html>; Dana Nuccitelli, Fighting climate change: Cheaper than 'business as usual' and better for the economy", The Planetary Press.com/2020/12/fighting-climate-change-cheaper-than-business-as-usual-and-better-for-the-economy/, 11/30/2020
2. Yale Program on Climate Change Communication and George Mason University Center for Climate Change Communication, 2020; climatecommunication.yale.edu/visualizations-data/ycom-us;
3. Scott County Health Department Health Equity Assessment, January 2018
4. City of Davenport Public Works 2020