

AMENDING THE 2018 BUDGET FOR CLIMATE ACTION PLAN (CAP) MODELING

The Dane County Office of Energy and Climate Change (OECC) has convened a Council on Climate Change consisting of 37 organizations that represent a diverse mix of stakeholder perspectives and County leaders to help Dane County Develop a Climate Action Plan.

The OECC has also convened 10 advisory working groups made up of experts in a wide variety of substantive areas including renewable energy, transportation and land use, Agriculture/Forestry/Food, buildings and water. These working groups are helping the OECC and the Climate Council identify policies, programs and projects that will reduce greenhouse gas emissions and populate the CAP.

In order to develop a CAP that is based on sound science and evidence, that lays out a comprehensive list of policies, programs and projects that will put Dane County on a path to deep decarbonization, and that makes Dane County a national leader in the effort to address climate change, the OECC has also contracted with world class modelers to model the various policies, programs and projects to be included in the CAP.

OECC has contracted with Sustainable Energy Economics which developed and holds the proprietary ownership of the Framework for Analysis of Climate-Energy-Technology Systems (FACETS) model. The FACETS model is an extremely power sector model that Sustainable Energy Economics is amending with transportation sector data and gives Dane County the opportunity to perform uniquely specific and deep analysis to Dane County climate mitigation actions.

The 2018 Dane County Budget included \$20,000 towards a total price tag of \$80,000. The OECC applied for and was recently awarded a grant of \$29,500 from the Carolyn Foundation in Minneapolis, for provide matching funds to Dane County to help cover the cost of the modeling work being performed. This resolution is intended to amend the OECC budget to receive the Carolyn Foundation grant of \$29,500.

Now Therefore, BE IT RESOLVED that the Dane County Board of Supervisors supports accepting the Carolyn Foundation Grant, in the amount of \$29,500, and increasing the Dane County Office of Energy and Climate Change (OECC) 2018 budget by \$29,500 for the purpose of executing modeling in the development of the Dane County Climate Action Plan.

40 BE IT FURTHER RESOLVED that the OECC 2018 budget be amended with a new
41 revenue account line, OECC 30286, to reflect the \$29,500 increase in revenue to the
42 OECC 2018 budget.

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