

## RESOLUTION NO. 3400

### A RESOLUTION OF THE CITY COUNCIL DECLARING COUNCIL INTENT RELATED TO FOSSIL FUEL FREE CITY BUILDINGS

#### Findings

- A. The scientific consensus is that human activities, principally the extraction and combustion of fossil fuels, have unequivocally caused the warming of the planet that is accelerating global climate change, a threat to human well-being and planetary health.
- B. Central Oregon is increasingly experiencing extreme weather events due to a warming planet—from decreased winter snowpack to drought, summer smoke and wildfire risk, and rising temperatures. Without significant reductions in greenhouse gas emissions, Oregon’s average annual temperature is projected to increase by 5°F by mid-century and by 8.2°F by the 2080s, and will be more pronounced in the summer with a 6.3°F projected increase by mid-century and 10.2°F by the 2080s. This level of warming is expected to exacerbate the impacts to the natural and human environments that have already started to manifest in the state.
- C. Climate change impacts communities differently. Communities that face socioeconomic and health inequities will be the most severely impacted by risks, including children, older adults, people of color, low-income residents, and those who experience homelessness.
- D. The Intergovernmental Panel on Climate Change (IPCC), a United Nations body for assessing the science related to climate change, concluded in its most recent study published in 2023 that limiting global average temperature increase to 1.5°C is still achievable, but only if greenhouse gas emissions are reduced immediately, rapidly and on a large scale. Emissions need to be reduced by at least 43% by 2030 compared to 2019 levels, and at least 60% by 2035. The IPCC recommends urgent climate action to achieve those targets as specified in its report <https://www.ipcc.ch/report/ar6/syr/>
- E. The City of Bend committed to reducing fossil fuel consumption by 40% by 2030 and by 70% by 2050 compared to 2016 baseline levels in City facilities in Resolution 3044, adopted September 7, 2016.
- F. Resolution 3044 also established a City goal of carbon neutrality for City operations and facilities by the year 2030.
- G. Natural gas consumption contributes 4% of the City’s overall fossil fuel consumption and of its Scope 1 and 2 greenhouse gas emissions. Electricity consumption

contributes 77% of the City's fossil fuel consumption and of its Scope 1 and 2 greenhouse gas emissions.

- H. The City Council included a strategy in its FY23-25 Council goals to advance the Community Climate Action Plan and encourage sustainable development. It also included an action to develop new policies to support sustainable development such as a natural gas policy.
- I. In 2021, the State of Oregon passed House Bill 2021 which sets milestones for electric utilities to transition toward 100% clean electricity by 2040, including interim targets of 80% clean electricity by 2030 and 90% clean electricity by 2035.
- J. On December 8, 2020, the City Manager adopted the Strategic Energy Management Plan, a plan to reduce fossil fuel use and greenhouse gas emissions in City facilities. The Strategic Energy Management Plan includes an action to design and plan new City facilities and major remodels to be net-zero or net-zero ready. Achieving net zero requires a range of actions, including energy efficiency and conservation, reducing reliance on fossil fuels and using renewable energy.
- K. The Council desires to lead by example and formalize the City's commitment to eliminating fossil fuels from new and existing facilities through electrification of City buildings, whether owned or leased long-term and under the city's control..
- L. The Council understands that with the current grid-supplied energy mix, renewable energy strategies will also be required for electrification of buildings to meaningfully reduce greenhouse gas emissions.
- M. The City is currently building an all-electric public works campus at Juniper Ridge and intends to build a new City Hall in the next 10 years. The City intends to vacate many of its existing City facilities, which currently use fossil fuels, as staff and operations move into the new facilities.
- N. Every new building constructed that relies on fossil fuels for heating, cooling, and cooking will have a negative impact on the climate for decades to come. Buildings that rely on electricity or other carbon-free power sources will not contribute any greenhouse gas emissions once electricity providers comply with House Bill 2021.
- O. Eliminating fossil fuels in City facilities is necessary to achieve the City of Bend's greenhouse gas reduction targets.

Now, therefore, based on these findings,

THE CITY COUNCIL OF THE CITY OF BEND RESOLVES AS FOLLOWS:

1. The City Manager and City staff are directed to exclude the use of fossil fuels in the operation of all newly constructed or substantially altered City-owned buildings, or those that are leased long-term and under City control, except where necessary due to technology limitations or emergency back-up needs. "Buildings" mean all city structures used or intended to support any use, occupancy or city service. "Operation" means the use of fossil fuel systems and appliances, including but not limited to, space heating and cooling, water heating, and cooking.

Additionally, if the life cycle cost of a fossil fuel free system is greater than 10% more of the fossil fuel-based alternative, staff may request Council approve an exemption to this policy, based on cost. The exempted building must also be built in a manner to support easy transition to an electric or other net-zero or renewable energy system at any time during the life of the building.

2. All newly constructed buildings must meet the requirements of the state "1.5% for Green Energy Technology" program so long as the program is in existence. Green energy technology may include, but is not limited to:
  - a) Solar technologies such as photovoltaic and solar thermal systems.
  - b) Passive solar and day lighting systems that reduce whole building energy use by 10 percent or more.
  - c) Geothermal systems that use geothermal source temperatures of 140 degrees or more to provide heating or make electricity. Geothermal systems in K-12 schools may use a source temperature of 128 degrees or higher. Ground source heat pumps do not meet the green energy technology requirement.
  - d) Battery storage equipment and technology paired with solar or geothermal systems that generate electricity.

Provided, however, that the City may choose to divert the energy offset of one building to another existing City location in the event that the other City building cannot generate enough renewable energy to meet the 1.5% Green Energy Technology program requirements.

3. All newly constructed buildings must be ready for the installation of additional solar panels, EV chargers, or other green energy technologies where applicable.
4. City Staff are further directed to evaluate opportunities to retrofit existing buildings that the City intends to occupy for the long-term (whether owned or leased under the city's control), at the time that replacement opportunities occur, to eliminate fossil-fuel based equipment for such buildings. Where economically and logistically feasible, the City Manager and Facilities Department should implement opportunities discovered during this process. A fossil fuel free system shall be considered economically feasible if the cost is less than 10% greater

than the cost of the fossil fuel-based system, including additional costs for infrastructure required to accommodate the replacement or retrofit.

Adopted by the Bend City Council on October 2, 2024.

YES:

Mayor Melanie Kebler  
Mayor Pro Tem Megan Perkins  
Councilor Barb Campbell  
Councilor Ariél Mendez  
Councilor Mike Riley  
Councilor Megan Norris

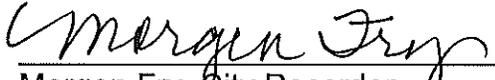
NO:



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Melanie Kebler, Mayor

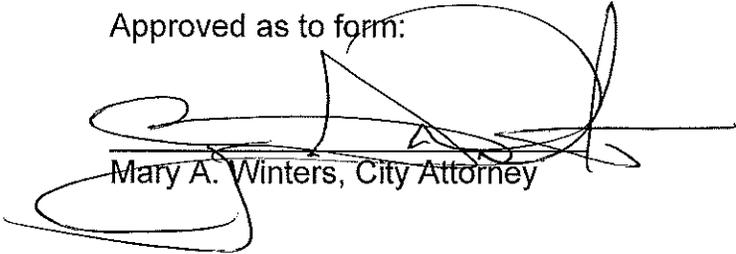
Attest:



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Morgen Fry, City Recorder

Approved as to form:



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Mary A. Winters, City Attorney