

RESOLUTION NO. 3044

A RESOLUTION CONCERNING CLIMATE ACTION GOALS AND A PROCESS AND TIMELINE FOR A BUDGET PROCESS AND ADOPTING AND IMPLEMENTING CLIMATE ACTION PLAN(S) AND RELATED STAFFING

FINDINGS

- A. There is a global scientific consensus: 97% or more of actively publishing climate scientists agree that earth's climate is warming and that warming trends are extremely likely due to human activities (<http://climate.nasa.gov/scientific-consensus/>). Communities throughout the Pacific Northwest will likely experience variations in temperature and precipitation outside of historical norms.ⁱ These will adversely impact our local environment, economy, and community. Water supplies, other natural resources, agriculture, recreation, tourism and other sectors will be affected.
- B. On July 18, 2007, the Bend City Council adopted Resolution 2651, endorsing the U.S. Mayors Climate Protection Agreement and urging mayors from around the nation to join this effort. At the City of Bend, many of the mentioned measures (e.g., promotion of the US Green Building LEED program, retrofitting city facilities with energy efficient lighting, an employee transportation incentive program, and purchase of Energy Star equipment for city use) have been accomplished.
- C. The City Council thinks that meaningful action is needed at all levels of government to mitigate and adapt to climate change, protect the public trust, ensure a resilient community, and leave a healthy environment and atmosphere for future generations. The City of Bend is ready to do its part, and will engage residents, visitors, businesses and organizations, as well as all other levels of government, to do the same.
- D. This Resolution establishes climate action goals consistent with the international consensus which seeks to reduce atmospheric GHG concentrations to levels that will limit the global average temperature increase to less than two degrees Celsius above pre-industrial levels and, if possible, limit the temperature increase to 1.5 degrees Celsius above pre-industrial levels.ⁱⁱ
- E. The City's efforts to reduce GHG emissions are consistent with and further the City's sustainability goals of incorporating sustainability into its decision-making at all levels to balance what's best for the environment, economy, and community.
- F. The City also seeks to be a proactive leader in community and business discussions and education on these goals, to learn from other cities, and to respect financial implications without diminishing the sense of urgency.

G. Bend is dependent on mountain snow and recreational opportunities. The City is committed to a science-based and educational approach that engages the wider community in effective climate action.

H. The City Council recognizes that energy conservation and other actions to address climate change can complement economic development and vice versa. Saving money from reduced energy consumption is but one example. Addressing climate change offers the Bend community opportunities for new thinking, new technology, new business ventures and more.

I. To achieve the goals set forth in this Resolution, the City will:

1. Be guided and directed by Climate Action Plans which will be developed collaboratively by the City and Bend residents. The City will regularly monitor and report on progress toward meeting the prescribed goals, which can and should be adjusted as new information is developed.

2. Establish partnerships with other local governments, educational institutions, businesses, charitable and nonprofit organizations to fund, implement and achieve the goals of this Resolution.

3. Take a phased approach that includes measures that can be implemented quickly in City operations, while planning to provide the appropriate staffing, funding and organizing to engage community stakeholders and invest in long term solutions with community-wide participation.

Based on these findings, THE CITY COUNCIL OF THE CITY OF BEND RESOLVES AS FOLLOWS:

SECTION 1. CLIMATE ACTION GOALS.

The City shall carry out the responsibilities of Sections 2 to 5 below to seek to achieve the following goals:

A. City Facilities and Operations. After considering social, environmental, and financial costs and benefits, which for the purposes of this resolution will be termed a sustainability cost benefit analysis (SCBA), baseline data and the budgetary process, and the recommendations of the Climate Action Steering Committee (CASC), the City:

1. Will seek to reduce its carbon dioxide emissions in its own facilities and operations to achieve carbon neutrality by the year 2030. If purchase of offsets is authorized by City Council to help reach this goal, priority will go to verifiable projects in Central Oregon and the Pacific Northwest; and

2. Will seek to reduce its fossil fuel use by 40% by 2030 and by 70% by 2050. Fossil fuel use from 2010, or more recent years, will be used to establish a baseline.

B. Community. After considering a SCBA, baseline data and the budgetary process, and the recommendations of the CASC, all businesses, governmental and non-governmental organizations, and individuals who live and/or work in Bend will seek to collectively reduce Bend's fossil fuel use by 40% by 2030 and 70% by 2050.

SECTION 2. DEVELOPMENT OF RESOURCES TO PURSUE GOALS.

A. Budget. The City, through its City Manager, commits to presenting the City Council with a proposed budget for the biennial budget period beginning July 1, 2017, with investments for: (1) ongoing assessment of City operations/facilities and a community wide assessment as a baseline starting point for measuring GHG emissions; (2) funding options and strategies for a sustainability (or similar) position; (3) grant opportunities and funding for the Climate Action Program and prioritized near term projects; and (4) additional direct or indirect costs in developing Climate Action Plans.

B. Transition Process. The City Manager will create an advisory group including representatives from City staff, The Environmental Center, OSU Cascades, the business community and other partners as opportunities present themselves, to jointly pursue funding and help the City refine the process of establishing the CASC and formulating the Climate Action Plans as set forth below. The advisory group will provide advice to the City Manager and is intended to facilitate and streamline implementation of this Resolution and engage and leverage community resources to support it.

SECTION 3. CLIMATE ACTION – CLIMATE ACTION STEERING COMMITTEE.

A. After the budget process in Section 2, and the staffing anticipated in Section 5, the City Council will establish a Climate Action Steering Committee (CASC), that has the following responsibilities:

1. Make recommendations to the City Manager on action planning and associated budget requirements related to reduction of fossil fuel use and GHG emissions. Recommendations are to be based on the most effective available strategies and Bend-specific information.
2. Help the City establish a Climate Action Plan for City Operations and Facilities (CAP-CO), including developing the Plan and adhering to the timetables for creating the Plan, as set forth in Section 4 below.
3. Help the City establish a process for adoption of a Climate Action Plan for the Community (CAP-C), develop the Plan and adhere to the timetables for creating the Plan, as set forth in Section 4 below.

4. Help the City develop ordinances to implement the CAP-CO and CAP-C, if necessary, for adoption by the City Council.

B. The CASC :

1. Will help the City verify that the goals in Section 1 continue to be supported by the community and City and are based on the best available current science and local data. The metrics used to measure progress towards reaching the goals should show the highest return on investment in GHG emission reductions and fossil fuel reductions; and consider environmental, social and financial impacts. The CASC will recommend modification to the climate action goals of Section 1 if necessary.
2. Will be respectful of a range of opinions, strive for consensus and acknowledge points of mutual agreement. If consensus cannot be reached, the CASC will make recommendations to Council based on majority positions.
3. May recommend that the City Council form Technical Advisory Committees (TACs) to address specific areas of action or study.
4. Will identify projects with low initial costs that are possible to implement in the near term as well as projects requiring more significant investment and diversified funding over the longer term.
5. Will identify opportunities for the City to encourage and incentivize businesses and residents, through voluntary efforts, to reduce GHG emissions and fossil fuel use.
6. May adopt procedures for its meetings and reporting to the City Council.
7. Will hold open public meetings.

C. The CASC will be composed of eleven members to reflect diverse views of the community: two business representatives (one Bend Economic Development Advisory Board member and one business at large), two environmental community representatives, two local government or institutional representatives (parks, schools, county, COIC, OSU), two at-large individuals, two subject matter experts (science community, energy utilities, etc.), and one member who will be 18 years old or younger at the time of initial appointment. The Committee will have two council liaisons as non-voting members. The CASC shall elect a chair and a vice-chair from among its members.

D. The CASC will be staffed through the City Manager's office. The City's goal is to fund or co-fund a person in the role of a Sustainability (or similar) position. City staff will involve other employees of the City (facilities, IT, utilities, transportation, planning, legal,

economic development, affordable housing, engineering, etc.) on an as-needed basis.

E. The CASC serves an advisory role and will make recommendations to the City Council. The CASC is but one element of public involvement and a way for the Council to hear from an important group on technical and policy matters. The Council retains its decision making authority over City policy.

SECTION 4. CLIMATE ACTION – CLIMATE ACTION PLANS.

A. The Council intends the CASC to develop Climate Action Plans for recommendation to the City Council and to help implement the Plans under the following schedule:

1. Within two years of adoption of this Resolution, the CASC will recommend a Climate Action Plan for City Operations (CAP-CO), to guide the City in pursuit of the climate action goals of Section 1A.
2. Within three years of adoption of this Resolution, the CASC will recommend a Climate Action Plan for the Community (CAP-C) to guide the City and community pursuit of the climate action goals of Section 1B.

B. Climate Action Plans will include five year benchmarks, targets, policies, and measurable actions consistent with the best available science and designed to achieve the reduction goals set forth in Section 1. It will also include a SCBA of short and long term objectives/projects/adaptions for achieving the reduction goals.

D. Once the CASC recommends a Climate Action Plan to the City Council, the Council will adopt or modify the plan within 90 days, unless there is a financial or logistical reason it cannot do so. The City expressly recognizes the community urgency of the Climate Action Plan(s) and is committed to acting timely and without unreasonable delay.

E. Once a Climate Action Plan is adopted, the City Manager will take the necessary steps to integrate the Plan and its components into City operations, projects, procedures and other decision-making as applicable.

SECTION 5. CLIMATE ACTION – PROGRAM AND STAFFING DEVELOPMENT.

A. As part of the 2017-19 biennial budget process, the City will establish a Climate Action Program under the City Manager with dedicated staffing to manage the baseline assessment, seek grant funding, staff the CASC, and assist in developing, implementing, and tracking the results of the Climate Action Plans.

B. Further staff duties could include the following:

1. Monitor and report, internally and/or publically, on the CAP-CO, including making recommendations for changes to the Plan to achieve the goals of this Resolution.
2. Coordinate and engage with all City departments to integrate the CAP-CO into City operations, projects and planning processes.
3. Participate in and support development, implementation, adjustments, and reporting progress of the CAP-C.
4. Evaluate future City policies and actions to determine compatibility with goals of this Resolution and the Climate Action Plans and provide input to staff and City Council.
5. Assist in developing and maintaining partnerships that support pursuit of the goals in this Resolution.

C. The City has committed to the following actions focused on City facilities, operations and transportation that are considered to have beneficial outcomes in pursuit of the goals in this Resolution:

1. Conducting energy conservation and renewable energy projects through the Strategic Energy Management Program, pursuit of Energy Savings Performance Contracts, and ongoing facilities and infrastructure improvements that reduce fossil fuel use and GHG emissions;
2. Building on the current UGB plan by continuing to strive for more efficient Land Use and Transportation systems to reduce vehicle miles travelled, fossil fuel use and GHG emissions, and to engage the wider community in these efforts;
3. Improving City fleet fuel efficiency and conversion to cleaner fuels;
4. Continuing to support expansion of the Cascades East Transit system.

Adoption By Roll Call Vote: September 7, 2016

YES: Jim Clinton, Mayor
Doug Knight
Sally Russell
Nathan Boddie
Barb Campbell

NO: Victor Chudowsky
Casey Roats



Jim Clinton, Mayor

Attest:



Robyn Christie, City Recorder

Approved as to form:



Mary A. Winters, City Attorney

ⁱ Current sources for the science of climate change and its likely impacts on the Pacific Northwest include:

IPCC, 2014: Climate Change 2014: Synthesis Report. Contribution of Working Groups I, II and III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change [Core Writing Team, R.K. Pachauri and L.A. Meyer (eds.)]. IPCC, Geneva, Switzerland, 151 pp.

Melillo, Jerry M., Terese (T.C.) Richmond, and Gary W. Yohe, Eds., 2014: Climate Change Impacts in the United States: The Third National Climate Assessment. U.S. Global Change Research Program, 841 pp. doi:10.7930/J0Z31WJ2

Dalton, M.M., P.W. Mote, and A.K. Snover [Eds.]. 2013. Climate Change in the Northwest: Implications for Our Landscapes, Waters, and Communities. Washington, DC: Island Press.

Abatzoglou, J. T., D. E. Rupp, P. W. Mote. 2014. Seasonal climate variability and change in the Pacific Northwest of the United States. Journal of Climate, 27, 2125-2142, doi: 10.1175/JCLI-D-13-00218.1.

Vano, J. A., B. Nijssen, and D. P. Lettenmaier. 2015. Seasonal hydrologic responses to climate change in the Pacific Northwest. *Water Resources Research*, 51, 1959-1976, doi:10.1002/2014WR01590

ii Sources for science-based goals for greenhouse gas reductions include:

IPCC, 2014: Summary for Policymakers. In: *Climate Change 2014: Mitigation of Climate Change. Contribution of Working Group III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change* [Edenhofer, O., R. Pichs-Madruga, Y. Sokona, E. Farahani, S. Kadner, K. Seyboth, A. Adler, I. Baum, S. Brunner, P. Eickemeier, B. Kriemann, J. Savolainen, S. Schlömer, C. von Stechow, T. Zwickel and J.C. Minx (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA.

UN Framework Convention on Climate Change, 2015: Paris Climate Agreement, Draft Decision, Page 2, lines 7-12.

Hansen J, Kharecha P, Sato M, Masson-Delmotte V, Ackerman F, et al. (2013) Assessing “Dangerous Climate Change”: Required Reduction of Carbon Emissions to Protect Young People, Future Generations and Nature. *PLoS ONE* 8(12): e81648. doi:10.1371/journal.pone.0081648