

Resolution 2022-088

Adopted by the City of South Lake Tahoe
City Council

June 21, 2022

Science-Based Target for Greenhouse Gas Emissions Reduction by 2030


BACKGROUND

- A. The goals set forth in 2017-26 are to achieve 100% Renewable Electricity community-wide by 2032 and a community greenhouse gas emissions reduction goal of “80% by 2040, including a reduction of at least 50% by 2030.”
- B. Those goals in 2017-26 were based on similar commitments of other U.S. communities at the time and approximated the best science.
- C. The goal set forth in Resolution 2021-104 aspiring to 100% renewable electricity, 24 hours a day, 7 days a week, from carbon-free sources, connected to the local distribution grid by 2030, community-wide. It authorized enrollment in the United Nations 24/7 Carbon-free Energy Compact. And, it established an aspiration to achieve goals set forth in the South Tahoe Zero Emissions District plan to create a clean, resilient, affordable, efficient and equitable electricity system, which includes maximum electrification of transportation, heating, and other sectors; models state-of-the-art energy efficiency, electrification, energy management systems, time of use strategies, distributed renewable energy, energy storage systems, and clean energy microgrid solutions; and saves money for local residents, ratepayers and public institutions through customer-owned projects.
- D. Resolution 2021-104 remains helpful and relevant to achieving a science-based target.
- E. International Council for Local Environmental Initiatives (ICLEI), of which the City is a member, has established a specific science-based greenhouse gas reduction target based on 2018 greenhouse gas inventory numbers that are in alignment with the 2015 Paris Agreement and the best available science, including the 2021 Intergovernmental Panel on Climate Change 1.5 degree Celsius report.
- F. Our 2020 Climate Action Plan remains a relevant roadmap for greenhouse gas reduction actions.
- G. According to the Intergovernmental Panel on Climate Change, humans have already caused approximately 1 degree Celsius of global warming and it is likely to reach 1.5 degrees between 2030 and 2052 if current trends continue.
- H. Establishing a science-based greenhouse gas reduction target opens funding possibilities for implementing projects which help to achieve greenhouse gas reductions.

BASED ON THE FACTS SET FORTH IN THE BACKGROUND, BE IT RESOLVED, that the City Council of the City of South Lake Tahoe:

1. Adopts a science-based target for absolute greenhouse gas emission reduction of 59.2% from our 2018 total greenhouse gas emissions inventory level. This means achieving a reduction of 155,795 MTCO₂e by 2030, and community-wide zero net carbon by 2045 or before.


Adopted by the City of South Lake Tahoe City Council on June 21, 2022 by the following vote:
Yes: Bass, Creegan, Friedrich, Middlebrook and Wallace


Devin Middlebrook (Jul 7, 2022 14:02 PDT)

Date: Jul 7, 2022

Devin Middlebrook, Mayor

Attest:


Sue Blankenship (Jul 7, 2022 13:45 PDT)

Susan Blankenship, City Clerk

The presence of electronic signature certifies that the foregoing is a true and correct copy as approved by the South Lake Tahoe City Council.









Res 2022-088 Greenhouse Gas Emissions

Final Audit Report

2022-07-07

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