



BOARD/COMMISSION RECOMMENDATION

Joint Sustainability Committee

Recommendation Number: (20160928-03E)

Increase Electric Vehicles in Local Fleets

WHEREAS, the City of Austin's original 2007 Climate Protection Resolution 20070215-023 set a goal to achieve a carbon neutral fleet by 2020; and

WHEREAS, on April 10, 2014, Austin City Council passed Resolution 20140410-024, which establishes a new long-term goal of reaching net zero community-wide greenhouse gas emission by 2050, or earlier if feasible, to include efforts to develop transportation action plans to meet this goal; with the understanding that reaching this goal is not possible without reducing greenhouse gas emissions from around 1 million vehicles that are registered in Travis County, which contribute around 40% of the community emissions; and

WHEREAS, on June 4, 2015, Austin City Council passed Resolution 20150604-048, which establishes a target path to get to NET-ZERO by 2050 including interim targets for 2020, 2030, and 2040, with a 25% reduction goal for 2020 as a first milestone including the transportation sectors; and

WHEREAS, on May 5, 2016, Austin City Council passed Resolution 20160505-025, which states that the City of Austin is committed to its goal of making the entire City fleet of vehicles carbon neutral by 2020, and directed the City Manager to study and report back to council the potential impacts and benefits to Austin Energy with municipal and private fleet services electrification; and, fleet electrification targets in consideration of the City's goal to have a

carbon neutral fleet by 2020; and, leverage potential synergies with other governmental organization and commercial large fleet owners; where the study recommends to lease up to 330 electric vehicles, which is the equivalent of 5% of all City operated vehicles, and concluding that the savings doing so would be 3.5 million dollars, or about \$10,000 per vehicle; and

WHEREAS, it is expected that the transportation sector will not meet the 2020 greenhouse gas emission reduction goal; and where compliance from the City of Austin would require closer to 25% electric vehicles across the city's entire fleet; and where a leadership position would set a higher goal; and where other large fleet owners are not included in the summary report; and where the report does not include how to meet the City goals for a carbon neutral fleet; **NOW THEREFORE**,

BE IT RESOLVED that the Joint Sustainability Committee recommends that the Austin City Council increases the recommended number of electric vehicles to achieve carbon neutrality as soon as feasible, but at least at 25% of the city's entire fleet by 2020, and ask the City Manager to work with City's Fleet Services to prepare a plan within 30 days that would include:

- a pathway to meet this requirement;
- the potential impacts and benefits to Austin Energy with municipal and private fleet services electrification, taking into account the city-wide climate goals that imply a large scale electrification of transportation, impact on resource planning, the value of storage and the technical capability for Austin Energy to control charging and/or discharging;
- a plan to leverage potential synergies with other governmental organizations, local ISDs, higher education institutions, and commercial large fleet owners.

Date of Approval: September 28, 2016

Record of the vote: 8-0-1 vote with Commissioner Seeger abstaining

Attest:  , Committee Chair