

## ATTACHMENT 2 - SUMMARY OF STRATEGIES

**Table 8 Greenhouse Gas Emissions Reduction Measure Potential**

Measure	GHG Emissions Reduction Potential
<b>Strategy C-1: Cornerstone</b>	
C-1.1 Lead by example by focusing on equity constraints associated with existing building electrification by leveraging BWP’s operations and efficiency programs to develop an Affordable Housing Electrification Program to lead Burbank’s electrification targets through retrofitting low-income and affordable housing units in Burbank to all electric, retrofitting 100 affordable housing units by 2030 and all 320 affordable housing units owned by Burbank Housing Corporation in the City by 2045.	2030: 90 MT CO <sub>2</sub> e 2045: 591 MT CO <sub>2</sub> e
<b>Strategy BE-1: Building Energy</b>	
BE-1.1 Electrify 100% of new construction in the City by 2023.	2030: 5,631 MT CO <sub>2</sub> e 2045: 17,603 MT CO <sub>2</sub> e
BE-1.2 Leverage BWPs marketing programs to convert 3,000 residential and 170 commercial natural gas-fueled HVAC and water heating units in existing private buildings to electric heat pumps by 2030, and 10,000 residential and 560 commercial units by 2045.	2030: 6,867 MT CO <sub>2</sub> e 2045: 46,352 MT CO <sub>2</sub> e
BE-1.3 Continue to increase building energy efficiency through BWP's rebate and incentive programs to reduce annual customer energy use by a collective 63 GWh by 2030.	2030: 17,549 MT CO <sub>2</sub> e 2045: Not Quantified
<b>Strategy EG-1: Electricity Generation Strategy</b>	
EG-1.1 Goal to achieve 100% GHG-neutral electricity generation by 2040.	2030: Not Quantified 2045: Not Quantified
<b>Strategy T-1: Reduce Passenger Car Vehicle Miles Traveled</b>	
T-1.1 Implement the Complete Our Streets Plan, increasing active transportation modeshare 2% by 2030 and 3% by 2045.	2030: 941 MT CO <sub>2</sub> e 2045: 1,566 MT CO <sub>2</sub> e
T-1.2 Provide clean, abundant, affordable and accessible public transit, with a zero-emissions bus fleet by 2030.	2030: Not Quantified 2045: Not Quantified
<b>Strategy T-2: Transportation Demand Management</b>	
T-2.1 Continue Transportation Management Organization (TMO) Expansion, reaching 60% of employees by 2030 and 90% by 2045.	2030: Supportive 2045: Supportive
T-2.2 Update the TMO program and ordinance to increase compliance with the City’s 1.61 Average Vehicle Ridership (AVR) Goal to reduce employees commuting to Burbank via single occupancy vehicle. Require 30% of TMO businesses achieve the 1.61 AVR target by 2030, and 60% by 2045.	2030: 7,682 MT CO <sub>2</sub> e 2045: 8,759 MT CO <sub>2</sub> e

Measure	GHG Emissions Reduction Potential
<b>Strategy T-3: Zero-Emission Vehicles</b>	
T-3.1 Increase zero-emission vehicle adoption to 23% of all passenger vehicles by 2030 and 100% by 2045.	2030: 38,179 MT CO <sub>2</sub> e 2045: 238,989 MT CO <sub>2</sub> e
<b>Strategy T-4: Parking</b>	
T-4.1 Implement Parking Management as identified in the Burbank2035 General Plan Mobility Element and the City Council's Six Parking Management Principles.	2030: 968 MT CO <sub>2</sub> e 2045: 7,334 MT CO <sub>2</sub> e
<b>Strategy W-1: Water-Energy Nexus</b>	
W-1.1 Reduce per capita water consumption from current levels of 132 GPCD (gallons per capita per day) to 124 GPCD by 2030 (a 6.1% reduction) and to 120.5 GPCD by 2045 (an 8.7% reduction).	2030: 405 MT CO <sub>2</sub> e 2045: Not Quantified
<b>Strategy SW-1 Organic Waste Diversion</b>	
SW-1.1 Meet SB 1383 organics and recycling requirements, reducing organic waste disposal 75% by 2025.	2030: 11,040 MT CO <sub>2</sub> e 2045: 11,692 MT CO <sub>2</sub> e
<b>Strategy CS-1: Carbon Sequestration Strategy</b>	
CS-1.1 Plant 2,000 net new trees by 2030 and 5,000 net new trees by 2045 to sequester carbon and create urban shade to reduce the urban heat island effect.	2030: 71 MT CO <sub>2</sub> e 2045: 177 MT CO <sub>2</sub> e
<b>Strategy CG-1 City Government Actions</b>	
CG-1.1 Complete annual progress reporting and a triennial GGRP review and update.	2030: Supportive 2045: Supportive
CG-1.2 Retrofit all City Streetlights and Outdoor Lighting to Light-Emitting Diode (LED) by 2030.	2030: 953 MT CO <sub>2</sub> e 2045: Not Quantified
CG-3.1 Electrify 25% of existing City facilities by 2030 and 100% of existing City facilities, where electrification is practical and feasible, by 2045, as well as all newly constructed City buildings.	2030: 88 MT CO <sub>2</sub> e 2045: 722 MT CO <sub>2</sub> e
CG-4.1 Implement a flexible employee commute program, with a target of 25% of applicable City employee staff time utilize telecommuting by 2030.	2030: 946 MT CO <sub>2</sub> e 2045: 824 MT CO <sub>2</sub> e
<b>Total</b>	<b>2030: 90,347 MT CO<sub>2</sub>e 2045: 333,943 MT CO<sub>2</sub>e</b>

Notes:

Not Quantified = GHG emissions reduction are not quantified due to risk of double counting reductions.

Supportive = Supportive measures do not carry GHG emissions reduction but contribute to reductions elsewhere.