

Project Greenhouse Gas Emissions and Reductions Summary

The Napa County Climate Action Plan requires that staff calculate the GHG emissions of all discretionary projects in the year 2020 assuming "business as usual" (BAU) conditions, and that applicants reduce those emissions by 38%. The required 38% reduction in GHG emissions can be achieved through a combination of state level policies and programs, County level policies and programs, on-site project level actions and contributions to a GHG reduction incentive fund. This sheet contains results of calculations completed to demonstrate that the project has achieved the required 38% reduction target in 2020.

Project Name:	Hartwell	Target Build-Out Year:	2020
Project Summary	increase of 24,000 g/yr; 8 new visitors per day (open 5 days/week) = 2,080 ppl/yr; new marketing events = 344 pp/yr; zero new water demand due to steam system; planting of 39 coniferous trees.		

(MT CO₂e)

A. PROJECT'S BAU EMISSIONS IN 2020

Energy
Mobile
Water & Wastewater
Solid Waste
Land use Change

21
9
7
-
5
-

B. PROJECT'S TARGET EMISSIONS REDUCTIONS IN 2020

Target Emissions - 38% BAU Emissions

8

C. GHG REDUCTIONS FROM STATE LEVEL PROGRAMS

Energy
Mobile
Other
Land Use Change

1
0
1
TBD
-

D. GHG REDUCTIONS FROM LOCAL PROGRAMS AND PROJECT LEVEL ACTIONS

Energy
Mobile
Other

Total Stock at 100 years (Reference):

348.70

Land Use Change

4
-
(0)
1
3.50

E. TOTAL GHG REDUCTIONS IDENTIFIED

State + Local + Project (D + E); Compare to Box C above

5

F. ADDITIONAL GHG REDUCTION OR MITIGATION REQUIRED

Balance of reductions needed to reach target (C-G)

3
