

2024-07-31	Carlo Gavina	SoCalGas	2. Executive Summary	Given the long-term nature of expected market adoption (estimated by 2045), as well as the diverse nature of the food service business, and the high initial cost for customers, research should also focus on identifying near-term solutions for the customer's existing systems. To achieve this, the proposed system-level perspective should identify upgrades to system components that can be immediately adopted to enhance energy efficiency and reduce carbon emissions of existing natural gas systems in the near term.
2024-07-31	Carlo Gavina	SoCalGas	3. Product, service, or practice definition	The California State Water Resources Control Board has recently approved new regulations that impose water restrictions and conservation requirements on the state's largest water utilities. This regulation will compel over 400 California water agencies to actively pursue water conservation and efficiency opportunities. As part of the planned MTA Plan, research activities should identify potential water conservation and efficiency opportunities.
2024-07-31	Carlo Gavina	SoCalGas	4. Market Transformation Theory and Opportunity	The Program Logic Model diagram should explain that the potential Market Transformation Initiative should leverage all applicable existing programs, including EE Statewide programs such as the Statewide Food Service and Statewide Codes & Standards programs.
2024-07-31	Carlo Gavina	SoCalGas	5. Gap Analysis	The Plan should investigate the feasibility and market acceptance of using natural gas water heating as a backup to address electric peak demand periods and system resiliency issues (e.g. dispatchable events).

08-02-2024	TRC	Estimated costs, timing, and expected results	Page 39 - Table 11. Initiative Timeline of greater than 10 years doesn't align with air quality regulations that will require electric water heaters in major districts and statewide with CARB regulations all to be completed 2026-2031. Additionally, code readiness activities relating to T24 and T20 is targeting 2028 and 2031 for C&S regulations that will impact restaurants and all of non-residential buildings.
08-02-2024	SCE FS	Executive Summary	Water heating sizing guidelines are outdated and prevent foodservice facilities from adopting HPWHs.2 and Note: There is a part 2 of this report, for filed study to support and educate the Health Depts to help sizing the HPHW systems for FS segment, i think this is already happening. will send over some info on the project as it will be presented in the ET summit in Oct.
08-02-2024		Executive Summary	Working with industry leaders and regulatory bodies to update water heating sizing guidelines to ensure they reflect modern water fixture efficiencies and allow for use of HPWHs. and Note: same thing , project is moving forward with 2050 partners, Both sce and Frontier are working the local health depts on submittals currently.
08-02-2024		Market Transformation theory and opportunity	Target market: most cafes, and sandwich shops like starbucks and subway have electric resistance water heaters already, usually rated for 9kW. Moving to HPWH will be an issue due to their size, most of these 9kW are short boys, up in a closet on a shelf. Recent EPRI HP symposium , most manufactures agreed this size is very difficult to engineer for HPWH.

08-02-2024			Market Transformation theory and opportunity	Target market: Cafés: These establishments primarily serve coffee and other non-alcoholic beverages, along with light snacks and pastries. This definition also includes doughnut shops
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