

# Project Summary

		May 22	Jun 22	Jul 22	Aug 22	Sep 22	Oct 22	Nov 22	Dec 22
<b>Project Name:</b>	Evaluation of Water Heater Technologies								
<b>Project ID:</b>	ET22SWG0002								
<b>Description:</b>	Research emerging gas-fired water heating technologies to prioritize further study by the Statewide Gas Emerging Technologies (GET) program. This project will focus on both residential and small commercial water heating systems ready for lab or field study and will include gas storage water heaters, tankless water heaters, dual-fuel water heaters, combination space & water heating systems, and water heating controls specific to emerging technologies.								

Expected Outcomes	Business Case	Policy Alignment
<ol style="list-style-type: none"> <li>Inventory of emerging water heating technologies equipment types, manufacturers, and specific technology considerations (e.g., workforce training needs).</li> <li>Identification of market gaps that exist in high priority technologies.</li> <li>Technology specific market barriers for high priority technologies.</li> <li>Identification of technologies recommended for further study.</li> </ol>	<p>Gas water heating has a high opportunity for therm savings and touches many market segments and customer types. This project will give the GET program a better understanding of emerging technologies in the water heating end-use and their potential in California. Measure potential will be calculated based on information that is publicly available and where information is not available, it will be based on engineering judgement. This project will also guide where emerging technology funds should be spent and will feed into the 2023 Research Plan.</p>	<ul style="list-style-type: none"> <li>SB 350 Clean Energy and Pollution Reduction</li> <li>California Long Term EE Strategic Plan</li> <li>AB 32 (Global Warming Solutions Act)</li> <li>SB 1477 (Building Decarbonization)</li> </ul>

#	Risk/Issue Description	Status	Owner	Due Date
001	Availability of calculation tools required to calculate potential energy savings from nascent technologies	Open	Project Manager	Oct 22
002	Availability of reliable equipment cost required for TRC/TSB calculations	Open	Project Manager	Nov 22

