

Cascade Natural Gas Integrated Resource Planning Feedback Report

Item #	Date	TAG Meeting	Name/Company	Comment/Question	Cascade Response																																																																																																																																					
1	5/20/2026	Targeted-TAG 2	WUTC	During the TAG meeting, WUTC asked "As a follow-up question, you mentioned that growth is around 0.5%. Even with these codes, do you have a sense of how builders are trying to figure out how to keep building gas while meeting the standards."	Cascade is currently working on a response.																																																																																																																																					
2	6/30/2026	Pre-Targeted-TAG 4	WUTC	Slide 6: By Staff's recollection, Cascade's portfolio previously had a very high UTC value (somewhere over 6.0 I believe) for commercial measures, and Staff recommended an increase in rebates to improve participation. Staff is curious if there have been any updates on this front?	Yes, this recommendation from Staff was incorporated into the 2026-2027 BCP planning process and rebates were increased substantially. The C/I program yielded a UCT ratio of 5.65 during CY2024, meanwhile the 2026 plan projects a UCT of 1.69.																																																																																																																																					
3	6/30/2026	Pre-Targeted-TAG 4	WUTC	Slide 10: A) Please elaborate on what "Measure Lifetimes" entails? B) What are the "Other secondary sources"?	A) Measure Lifetime refers to the estimated average operational life of a measure. This value is used to accurately calculate savings for the lifespan of the measure installed. B) These may include National Standards, Energy Star Data, various recent studies, etc. Cascade is following up with ICF for further information on secondary sources.																																																																																																																																					
4	6/30/2026	Pre-Targeted-TAG 4	WUTC	A) How does the Baseline Projection in this table (5-1) compare to previous years?	A) Below is the table from the 2023 CPA: Table ES-2-2 Conservation Potential by Case, Selected Years (thousand therms) <table><thead><tr><th>Scenario</th><th>2024</th><th>2025</th><th>2028</th><th>2033</th><th>2038</th><th>2043</th></tr></thead><tbody><tr><td>Baseline Projection (thousand therms)</td><td>229,381</td><td>225,522</td><td>213,715</td><td>195,878</td><td>181,440</td><td>169,918</td></tr><tr><td>Cumulative Savings (thousand therms)</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Achievable Economic UCT Potential</td><td>815</td><td>1,782</td><td>5,564</td><td>13,241</td><td>19,672</td><td>29,777</td></tr><tr><td>Achievable Economic TRC Potential</td><td>669</td><td>1,475</td><td>4,668</td><td>10,889</td><td>15,680</td><td>18,490</td></tr><tr><td>Achievable Technical Potential</td><td>1,085</td><td>3,540</td><td>9,674</td><td>20,333</td><td>28,372</td><td>32,828</td></tr><tr><td>Technical Potential</td><td>4,621</td><td>9,288</td><td>23,102</td><td>42,998</td><td>55,754</td><td>62,474</td></tr></tbody></table> Cumulative Savings (% of Baseline) <table><thead><tr><th></th><th>2024</th><th>2025</th><th>2028</th><th>2033</th><th>2038</th><th>2043</th></tr></thead><tbody><tr><td>Achievable Economic UCT Potential</td><td>0.4%</td><td>0.8%</td><td>2.6%</td><td>6.8%</td><td>10.8%</td><td>14.0%</td></tr><tr><td>Achievable Economic TRC Potential</td><td>0.3%</td><td>0.7%</td><td>2.2%</td><td>5.6%</td><td>8.6%</td><td>10.9%</td></tr><tr><td>Achievable Technical Potential</td><td>0.7%</td><td>1.6%</td><td>4.5%</td><td>10.4%</td><td>15.6%</td><td>19.3%</td></tr><tr><td>Technical Potential</td><td>2.0%</td><td>4.1%</td><td>10.8%</td><td>22.0%</td><td>30.7%</td><td>36.8%</td></tr></tbody></table> B) Below is a table of non-cumulative savings: Summary of Energy Savings (Mtherms), Selected Years <table><thead><tr><th></th><th>2026</th><th>2027</th><th>2030</th><th>2035</th><th>2040</th><th>2045</th></tr></thead><tbody><tr><td>Baseline Forecast (Mtherms)</td><td>248,263</td><td>248,562</td><td>247,251</td><td>243,538</td><td>241,620</td><td>241,225</td></tr><tr><td>Incremental Savings (Mtherms)</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Achievable Economic UCT Potential</td><td>465</td><td>578</td><td>972</td><td>1,856</td><td>1,734</td><td>1,352</td></tr><tr><td>Achievable Economic TRC Potential</td><td>329</td><td>410</td><td>596</td><td>1,048</td><td>978</td><td>869</td></tr><tr><td>Achievable Technical Potential</td><td>1,124</td><td>1,438</td><td>2,637</td><td>4,689</td><td>4,533</td><td>3,755</td></tr><tr><td>Technical Potential</td><td>3,728</td><td>4,061</td><td>4,856</td><td>6,012</td><td>4,923</td><td>4,323</td></tr></tbody></table> C) Figure 5-1 summarize the energy conservation savings in terms of annual energy use for all measures for four levels of potential relative to the baseline projection. Savings are represented in cumulative terms, reflecting the effects of persistent savings in prior years in addition to new savings. This allows for the reporting of annual savings impacts as they actually impact each year of the forecast.	Scenario	2024	2025	2028	2033	2038	2043	Baseline Projection (thousand therms)	229,381	225,522	213,715	195,878	181,440	169,918	Cumulative Savings (thousand therms)							Achievable Economic UCT Potential	815	1,782	5,564	13,241	19,672	29,777	Achievable Economic TRC Potential	669	1,475	4,668	10,889	15,680	18,490	Achievable Technical Potential	1,085	3,540	9,674	20,333	28,372	32,828	Technical Potential	4,621	9,288	23,102	42,998	55,754	62,474		2024	2025	2028	2033	2038	2043	Achievable Economic UCT Potential	0.4%	0.8%	2.6%	6.8%	10.8%	14.0%	Achievable Economic TRC Potential	0.3%	0.7%	2.2%	5.6%	8.6%	10.9%	Achievable Technical Potential	0.7%	1.6%	4.5%	10.4%	15.6%	19.3%	Technical Potential	2.0%	4.1%	10.8%	22.0%	30.7%	36.8%		2026	2027	2030	2035	2040	2045	Baseline Forecast (Mtherms)	248,263	248,562	247,251	243,538	241,620	241,225	Incremental Savings (Mtherms)							Achievable Economic UCT Potential	465	578	972	1,856	1,734	1,352	Achievable Economic TRC Potential	329	410	596	1,048	978	869	Achievable Technical Potential	1,124	1,438	2,637	4,689	4,533	3,755	Technical Potential	3,728	4,061	4,856	6,012	4,923	4,323
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5	6/30/2026	Pre-Targeted-TAG 4	WUTC	Slide 15: A) What causes the different shares of savings over time? B) Why does residential rise and then fall as a proportion of savings around 2028?	Regarding both questions for Slide 15, below is the non-cumulative projected savings by sector: Figure 4-1 Baseline Projection Summary by Sector (thousand therms) Figure 5-3 shows a drop in percent of total cumulative achievable economic UCT potential in 2028 for residential, and a proportional increase in 2029 for commercial due to the impacts of federal equipment standards (such as 2029 furnace, 2029 water heater, 2028 clothes dryer, 2028 stove and 2028 pool heater standards) as well as the projected decrease in the commercial sector over time.																																																																																																																																					
6	6/30/2026	Pre-Targeted-TAG 4	WUTC	Slide 19: Has the company looked into rebates for its transport customers? Are there any potential savings to be had there?	Assessing cost-effective potential for transport customers would require different avoided costs, more visibility into the kinds of customers on these rates and their end uses, and an understanding of how these customers view energy savings and might participate in future programs since there is no past history on which to draw. In addition, the incentive mechanism for these customers would need to be determined, as they do not currently pay the tariff that supports the rebates and incentives to core customers.																																																																																																																																					
7	6/30/2026	Pre-Targeted-TAG 4	WUTC	Slide 22: What is "Strategic energy management"?	This measure models savings available through programs such as BPA's Energy Management offerings. Optimization and strategic energy management integrates best practices of system analysis, equipment improvements, and operational improvements into a sustaining energy program. A facility that implements such a practice treats its energy program in a similar manner to safety or quality control programs: an individual or team is tasked with developing and enforcing standards, goals are set, regular reports are generated and reported to management, and all plant employees are engaged and held accountable.																																																																																																																																					