Appendix B

Goal 4 Proposed Metrics

List of metrics and comments raised during the Phase I November 7, 2022, Workshop

Goal 4: Environmental Improvements		
Outcome 1: Reduce pollution burden and pollution exposure with a focus on communities with elevated exposures to health hazards, including Highly Impacted Communities, Vulnerable Populations, and low-income customers		
27	Energy-related Air Quality Emissions	Annual criteria air pollutant (CO, Pb, NOx, O3, PM10, PM2.5, and SO2) and toxic air pollutant (Hg) emissions associated with utility generation, transmission, and distribution operations (including customer direct use) for the following geographies: • Across the utility's service territory, • By census tract within the utility's service territory, and • In Named vs. Non-named Communities within the utility's service territory. Suggest this needs reworking through discussion with environmental impact experts. Should also consider generation sources located outside service territory but serving load in territory. Also consider benzene from gas use.
28	Utility Fleet Tailpipe Emissions Reductions	Utility vehicle fleet tailpipe emissions and other impact (*e.g.*, noise) reductions by vehicle type (light-, medium-, and heavy-duty) that may/regularly (need definition; could include whole fleet) operate in Named Communities, according to the utility's adoption of low- and zero-emissions vehicles, using the utility's 2022 (suggest different year due to COVID impacts; could use "previous year") fleet composition as baseline. Report total and reduction compared to baseline?
Outcome 2: Cost-effective alignment of load with clean energy generation and storage through load management, energy efficiency measures, and demand response.		
29	Utility Electric Load Management Success	Energy and capacity of load reduced or shifted, and percent of load reduced or shifted, through load management, storage, energy efficiency, and demand response activities conducted by the utility, by activity (e.g., demand response versus energy efficiency). May need separate definitions for electric and gas. Should include management of transportation electrification loads, including bidirectional charging capabilities.

30	DER GHG Reductions	Greenhouse gas reductions from DER programs (energy efficiency, electric vehicle, net metering, and demand response). Reporting all programs in aggregate, or split out by program type? Method for measuring this could be difficult. Consider cumulative versus incrementally.
Outcome 3: Accelerate the cost-effective achievement of Commission or state public policy goals and statutes, including the reduction of greenhouse gas emissions.		
31	Greenhouse Gas Reductions per Dollar	Greenhouse gas reductions per dollar spent on programs and investments that reduce greenhouse gas emissions. Need definition of qualifying programs. Suggest comparison to linear glidepath.
32	Total Greenhouse Gas Emissions	Carbon intensity by CO2e (metric tons of CO2 and CO2-equivalent emissions) and CO2e/customer associated with utility generation, transmission, and distribution operations (including customer direct use), and CO2e/therm for gas utilities and in CO2e/MWh and CO2e/MW for electric utilities (dual-fuel utilities must report both separately). Suggestion to edit to include PPAs and market purchases. Also specify to include leakages for gas utilities.