

APPLICATION OF SOUTHERN CALIFORNIA GAS COMPANY & SAN DIEGO  
GAS & ELECTRIC COMPANY FOR AUTHORITY TO REVISE THEIR  
NATURAL GAS RATES AND IMPLEMENT STORAGE PROPOSALS IN THE  
2024 COST ALLOCATION PROCEEDING

(A.22-09-015)

DATA REQUEST SET 8 FROM SOUTHERN CALIFORNIA GENERATION  
COALITION DATED May 5, 2023

SOCALGAS RESPONSE DATED: MAY 19, 2023  
SUPPLEMENTAL RESPONSE DATED: May 25, 2023

**Question 8.1**

8.1. Regarding SoCalGas’s response to SCGC-02, which states: “Starting on January 28, 2021, the calculation for the Cumulative Customer Imbalance posted in Envoy was revised to provide a better estimate of this number.”

8.1.1. Please describe in detail the method that SoCalGas has used since January 28, 2021, to calculate the cumulative customer imbalance.

**Supplemental Response 8.1.1.**

The Cumulative Customer Imbalance (CCI) calculation amount is posted on the Envoy Daily Operations screen each day using the Monthly Imbalance from the last billed month plus the aggregated post Cycle 6 data for each subsequent gas day until the Monthly Imbalance for the subsequent billed month is recorded. The process then resets and repeats.

CCI = Recorded Monthly Imbalance + Scheduled Quantities – Meter Usage + Monthly Imbalance Trades

Monthly Imbalance is the aggregated customer imbalance from the previous month that is calculated by noncore billing after the month end close prior to the commencement of the monthly imbalance trading period.

Scheduled Quantities are the net scheduled nominations into burn accounts for the interim gas days occurring between recorded Monthly Imbalance

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quantities. Includes net Cycle 6 trading activity between burn and storage accounts occurring during the interim gas days.

Scheduled Quantity trades are not a factor for this calculation because trades are limited to scheduled burn quantities within a specific Gas Day.

**Meter Usage** includes daily automated noncore measurement from the Measurement Collection System (MCS), Gas Acquisition customer measurement from the Data Aggregation System (DAS); aggregated Core Transportation Agent (CTA) Daily Contract Quantities (DCQs); and MDQs for non-automated customer meters for the interim gas days.

**Monthly Imbalance Trades** includes trades between burn and storage accounts during each day of the monthly imbalance trading period.

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8.1.2. Please describe in detail the method that SoCalGas used prior to January 28, 2021, to calculate the cumulative customer imbalance.

**Supplemental Response 8.1.2.**

The previous formula for CCI in effect prior to January 28, 2021, was a daily calculation based on the difference between the previous gas day's physical storage inventory and total customer scheduled inventory.

**CCI** = (Ending Storage Balance \* TCAP BTU Factor) – Envoy Booked Storage Positions (Sum of Utility Core, Noncore, and CTA scheduled inventory)