

**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 12 FROM SOUTHERN CALIFORNIA GENERATION
COALITION DATED May 11, 2023)

SOCALGAS RESPONSE DATED: MAY 26, 2023

Questions regarding Chapter 13 workpapers, a portion of which has been reproduced below for convenience:

Transmission Data							
System	BBT Demand	Dth/d		2,532,308	2,532,308	2,532,308	2,532,308
System	Embedded Transmission (\$/year	w/o FFU		497,014,990	499,362,654	509,401,721	521,291,709
System	Embedded Transmission (\$/year	w/ FFU		505,333,722	507,720,680	517,927,774	530,016,771
System	Backbone Transmission	\$/year	w/o FFU	289,933,227	291,213,501	297,057,213	303,992,817
System	Backbone Transmission	\$/year	w/ FFU	294,785,951	296,087,654	302,029,175	309,080,862
System	Local Transmission	\$/year	w/ FFU	210,547,771	211,633,027	215,898,600	220,935,908
System	Backbone Transmission	\$/year	Target BBT\$	357,752,433	359,285,330	366,429,792	374,927,070

Question 12.1

12.1. Please explain in detail how the figures \$499,362,654, \$509,401,721, and \$521,291,709 as the embedded transmission cost for years 2025, 2026, and 2027, respectively, were derived from the 2024 embedded cost figure of \$497,014,990.

Response 12.1

See dynamic Excel file, SCGC 12.1 & 12.2 2024 CAP Escalation Factors.

See the following tabs in (\$000):

- “Transmission Costs 2021”, Table 1, cell C9, Total \$497,015 for derivation.
- “Transmission Costs 2025”, Table 1, cell C13, Total \$499,363 for derivation, and row 1 & 2 for applied escalation rates.
- “Transmission Costs 2026”, Table 1, cell C13, Total \$509,402 for derivation, and row 1 & 2 for applied escalation rates.
- “Transmission Costs 2027”, Table 1, cell C13, Total \$521,292 for derivation, and row 1 & 2 for applied escalation rates.

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Question 12.2

12.2. Please explain in detail how SoCalGas separated the backbone transmission from local transmission in years 2025, 2026, and 2027 given that the ratio of the backbone transmission cost to total embedded transmission cost for each of those years changes relative to the ratio of the backbone transmission cost to total embedded transmission cost for 2024.

Response 12.2

See dynamic Excel file, SCGC 12.1 & 12.2 2024 CAP Escalation Factors.

See the following tabs in (\$000):

- “Transmission Costs 2021”, cell F29, backbone cost \$357,752 for derivation.
- “Transmission Costs 2025”, cell F33, backbone cost \$359,285 for derivation.
- “Transmission Costs 2026”, cell F33, backbone cost \$366,430 for derivation.
- “Transmission Costs 2027”, cell F33, backbone cost \$374,927 for derivation.