



Pacific Gas and Electric Company 2027 GRC

A.25-05-009

TURN HEARING EXHIBIT

TURN Ex-305

Ryan Weber

Response to TURN Data Request 140, Question 5 and Associated Workpaper

**PACIFIC GAS AND ELECTRIC COMPANY
2027 General Rate Case Phase I
Application 25-05-009
Data Response**

PG&E Data Request No.:	TURN_140-Q005
PG&E File Name:	GRC-2027-PhI_DR_TURN_140-Q005
Request Date:	April 3, 2026
Requester DR No.:	140
Requesting Party:	The Utility Reform Network
Requester:	Hayley Goodson
Date Sent:	April 10, 2026
PG&E Witness(es):	Ryan Weber – Gas Engineering

SUBJECT: PG&E-15, CHAPTERS 7 & 9

QUESTION 005

Re: Rebuttal Ex. PG&E 15, Chapter 9, page 9-58, Figure 9-3:

- a) Please provide the specific data points used to prepare the blue line entitled “Recorded Market-Responsive EG on Combined Peak.”
- b) Does the statement that “The blue line shows historical peak day EG demand, calculated at 1,094 MMcf/d” represent an average of the historical peak day EG demands over the recorded years shown? If not, please explain how it was calculated.
- c) What is the actual value of the dashed black line entitled “Historical 90th Percentile.”
- d) Please explain in detail and show with calculations how the dashed black line entitled “Historical 90th Percentile” was determined. Does this line reflect an average of historical annual data points? If so, please explain how the 90th Percentile was determined for each recorded year. If not, please explain how the line was derived.

ANSWER 005

- a) Please refer to tab “Table9-5 and Fig9-3 Hist and Fct” in GRC-2027-PhI_DR_TURN_140-Q005Atch01 for the data behind Exhibit (PG&E-15), Figure 9-3, as well as its derivation. PG&E notes that all of this data, apart from the forecast scenarios that TURN proposed as part of this proceeding, were provided previously in A.24-07-020 as well as in GRC-2027-PhI_DR_TURN_032-Q001Atch20.
- b) When drafting this sentence, PG&E inadvertently included text regarding the “Historical 90th Percentile” at the end of the sentence. As part of this response, PG&E revises the text in Exhibit (PG&E-15), p. 9-58, lines 2-3 to state

“The blue line shows historical peak day EG demand, ~~calculated at 1,094 MMcf/d.~~ The dotted black line shows the 90th percentile of this historical

data, used to represent what peak demand in a 1 in 10 high demand year historically looked like, calculated at 1,094 MMcf/d."

1,094 MMcf/d is the value of the dashed black line and discussed more in response to subparts c and d below.

- c) The actual value of the dashed black line is 1,094 MMcf/d.
- d) The "Historical 90th Percentile" is calculated in cell D31 in tab "Table9-5 and Fig9-3 Hist & Fct" of "GRC-2027-Phi_DR_TURN_140-Q005Atch01.xlsx" using the "Percentile. Inc" function in Excel for a 90th percentile value. This calculates the 90th percentile for "Recorded Market Responsive EG on Combined Peak" (the blue line referenced above) using EG demand on a combined system peak data from the 2006-2007 winter through the 2023-2024 winter.

PG&E notes that all of this data, apart from the forecast scenarios that TURN proposed as part of this proceeding, were provided previously in A.24-07-020 as well as in GRC-2027-Phi_DR_TURN_032-Q001Atch20.

Basis for "Historical 90th Percentile" in Figure 9-3 Exhibit PG&E-15, Figure 9-3 on page 9-58

Winter	Recorded Market-Responsive EG on Combined Peak
2006-2007	569
2007-2008	765
2008-2009	940
2009-2010	954
2010-2011	662
2011-2012	755
2012-2013	821
2013-2014	1,420
2014-2015	745
2015-2016	824
2016-2017	639
2017-2018	774
2018-2019	1,021
2019-2020	722
2020-2021	727
2021-2022	958
2022-2023	1,032
2023-2024	1,237

Average 865
 90th %ile 1,094

Date Source: PG&E Response to TURN DR #140, Q 5 Attachment
 Tab: Table 9-5 and Fig 9-3 Hist & Fct
 Columns N & O, Lines 46-63