

Revised March 2023



Decision _____

FILED

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

July 26, 2024

04:59 PM

A2407020

Application of Pacific Gas and Electric Company (U39G)
for Approval of Peak Day Supply Standard Pursuant to
Decision 23-11-069.

Application 24-07-020
(Filed July 31, 2024)

**INTERVENOR COMPENSATION CLAIM OF THE UTILITY REFORM NETWORK
AND DECISION ON INTERVENOR COMPENSATION CLAIM OF
THE UTILITY REFORM NETWORK**

NOTE: After electronically filing a PDF copy of this Intervenor Compensation Claim (Request), please email the document in an MS WORD and supporting EXCEL spreadsheet to the Intervenor Compensation Program Coordinator at icompcordinator@cpuc.ca.gov.

Intervenor: The Utility Reform Network (TURN)	For contribution Decision (D.) 26-05-014
Claimed: \$291,478.13	Awarded: \$
Assigned Commissioner: Karen Douglas	Assigned ALJ: Charles Ferguson
I hereby certify that the information I have set forth in Parts I, II, and III of this Claim is true to my best knowledge, information and belief. I further certify that, in conformance with the Rules of Practice and Procedure, this Claim has been served this day upon all required persons (as set forth in the Certificate of Service attached as Attachment 1).	
Signature:	/s/
Date: 7-21-26	Printed Name: Hayley Goodson

PART I: PROCEDURAL ISSUES

(to be completed by Intervenor except where indicated)

A. Brief description of Decision:	In D.26-05-014, the Commission approved a settlement agreement between Pacific Gas and Electric Company (PG&E) and TURN regarding PG&E's use of a Peak Day Gas Supply Standard for the winter seasons in years 2024/2025 through 2026/2027, which is the remainder of PG&E's Test Year 2023 General Rate Case (GRC) cycle.
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B. Intervenor must satisfy intervenor compensation requirements set forth in Pub. Util. Code §§ 1801-1812¹:

	Intervenor	CPUC Verification
Timely filing of notice of intent to claim compensation (NOI) (§ 1804(a)):		
1. Date of Prehearing Conference:	1-17-25	
2. Other specified date for NOI:		
3. Date NOI filed:	2-18-25	
4. Was the NOI timely filed?		
Showing of eligible customer status (§ 1802(b)) or eligible local government entity status (§§ 1802(d), 1802.4):		
5. Based on ALJ ruling issued in proceeding number:	A.23-06-008	
6. Date of ALJ ruling:	3-20-24	
7. Based on another CPUC determination (specify):		
8. Has the Intervenor demonstrated customer status or eligible government entity status?		
Showing of “significant financial hardship” (§1802(h) or §1803.1(b)):		
9. Based on ALJ ruling issued in proceeding number:	A.23-06-008	
10. Date of ALJ ruling:	3-20-24	
11. Based on another CPUC determination (specify):		
12. Has the Intervenor demonstrated significant financial hardship?		
Timely request for compensation (§ 1804(c)):		
13. Identify Final Decision:	D.26-05-014	
14. Date of issuance of Final Order or Decision:	5-22-26	
15. File date of compensation request:	7-21-26	
16. Was the request for compensation timely?		

¹ All statutory references are to California Public Utilities Code unless indicated otherwise.

C. Additional Comments on Part I: (use line reference # as appropriate)

#	Intervenor's Comment(s)	CPUC Discussion
3	Per Rule 1.15, TURN filed its NOI on the first business day after the 30 th day following the PHC, which fell on Sunday, 2-16-25. Monday, 2-17-25 was the Presidents' Day holiday, making Tuesday, 2-18-25 the first business day and due date for TURN's NOI.	

PART II: SUBSTANTIAL CONTRIBUTION

(to be completed by Intervenor except where indicated)

A. Did the Intervenor substantially contribute to the final decision (see § 1802(j), § 1803(a), 1803.1(a) and D.98-04-059): (For each contribution, support with specific reference to the record.)

Intervenor's Claimed Contribution(s)	Specific References to Intervenor's Claimed Contribution(s)	CPUC Discussion
Overview PG&E uses its Peak Day Supply Standard Analysis (PDSS) to guide investments in its gas transmission and storage systems. As documented more fully below, TURN made a substantial contribution to this proceeding by negotiating a settlement agreement with PG&E, approved by the Commission, that reasonably revised PG&E's PDSS for the remaining three winters of PG&E's Test Year 2023 GRC cycle, thereby assuring that the Commission's directive in D.23-11-069 for PG&E to update its PDSS was achieved. As the	D.26-05-014, p. 8	

Commission summarized in D.26-05-014: “The Settlement Agreement is fully consistent with this requirement [that PG&E fulfill its obligation under D.23-11-069 to update its PDSS] because, as a prelude to reaching the settlement agreement, TURN requested and PG&E provided to TURN extensive information about PG&E’s data sources and value quantifications and that information exchange allowed PG&E and TURN to proceed to settle discreet disputes in the manner illustrated in section 3.2 of this decision. The resulting chart, Table 1 of the Settlement Agreement, is the product of PG&E’s changed data sources for and new quantifications of the values that we required PG&E to take into account in D.23-11-069.”		
Background In D.23-11-069, issued in PG&E’s 2023 GRC, the Commission approved a gas demand forecast only for the winter of 2023 through 2024. The Commission ordered PG&E to file a new application proposing an updated Peak Day Supply Standard to address shortcomings in the analysis PG&E had presented in the GRC. Many of the methodological concerns	• TURN Protest, pp. 4-5 • D.26-05-014, p. 2	

cited by the Commission in D.23-11-069 had been raised by TURN in the 2023 GRC. The Commission in D.23-11-069 specifically instructed that the purpose of this new application was for PG&E to improve its PDSS methodology and include changed circumstances. TURN is not seeking intervenor compensation in this proceeding for its substantial contributions to D.23-11-069 but provides this background as context for TURN's participation here. Following the issuance of D.23-11-069, PG&E convened two pre-application workshops on 6/11/24 and 6/26/24 to discuss revisions to its PDSS with interested stakeholders, including TURN. TURN participated in these pre-application workshops. TURN prepared written comments for PG&E after the 6/11/24 workshop, which PG&E then addressed during the second workshop. PG&E also reached out to interested stakeholders to discuss scheduling issues related to its forthcoming application. TURN likewise participated in this pre-application scheduling discussion. TURN's timesheets accompanying this compensation request include these pre-application activities, consistent with Rule 17.4 (d), which permits the inclusion of "reasonable costs of participation in the	• PG&E Application, pp. 4-5 • D.26-05-014, p. 3 (noting that PG&E indicated in its Application that it had already conducted outreach to stakeholders concerning its updated PDSS analysis)	
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proceeding that were incurred prior to the start of the proceeding.”		
PDSS – Core Gas Demand Line 1 of PG&E’s PDSS is a forecast of core gas demand. In TURN’s testimony, TURN analyzed PG&E’s core demand forecasts for the winters of 2024/25, 2025/26, and 2026/27. TURN provided alternative, lower core demand forecasts based on TURN’s identification of flaws in PG&E’s analysis. The settlement agreement approved by D.26-05-014 resolves the dispute between TURN and PG&E and includes core demand forecasts each winter that are between the values recommended by TURN and PG&E. In D.26-05-014, the Commission concluded, “The revised inputs to PG&E’s originally proposed PDSS are within the range of reasonableness, given the evidence submitted by PG&E and TURN.”	• Ex. TURN-02, pp. 2-21; p. 4, Table 1, line 1 • Ex. PGE-01, p. 6, Table 3, line 1; pp. 6-7 • D.26-05-014, Attachment 1, p. 4, Table 1, line 1 • D.26-05-014, pp. 6-7 • Attachment 4 (comparing PG&E’s PDSS as-filed to TURN’s recommendations and the Settlement PDSS)	
PDSS – Electric Generation (EG) Demand Line 3 of PG&E’s PDSS is a forecast of EG demand. In TURN’s testimony, TURN analyzed PG&E’s EG demand forecasts for the	• Ex. TURN-01, pp. 4-26; p. 22, Table 6	

winters of 2024/25, 2025/26, and 2026/27. TURN provided alternative, lower EG demand forecasts based on TURN's identification of flaws in PG&E's analysis. The settlement agreement approved by D.26-05-014 resolves the dispute between TURN and PG&E and includes EG demand forecasts each winter that are between the values recommended by TURN and PG&E. In D.26-05-014, the Commission concluded, "The revised inputs to PG&E's originally proposed PDSS are within the range of reasonableness, given the evidence submitted by PG&E and TURN."	• Ex. PGE-01, p. 6, Table 3, line 3; pp. 8-10 • D.26-05-014, Attachment 1, p. 4, Table 1, line 3 • D.26-05-014, pp. 6-7 • Attachment 4 (comparing PG&E's PDSS as-filed to TURN's recommendations and the Settlement PDSS)	
PDSS – Northern and Southern Supply Availability Line 6 of PG&E's PDSS is a forecast of Northern and Southern Supply availability. In TURN's testimony, TURN analyzed PG&E's forecasts of Northern and Southern Supply for the winters of 2024/25, 2025/26, and 2026/27. TURN provided alternative, higher supply forecasts based on TURN's identification of flaws in PG&E's analysis, specifically involving the Redwood Path constraint.	• Exhibit TURN-01, pp. 26-29 (N path 2743 + S path 1023 = 3766) • Ex. PGE-01, p. 6, Table 3, line 6; p. 11 • D.26-05-014, Attachment 1, p. 4, Table 1, line 6 • D.26-05-014, pp. 6-7 • Attachment 4 (comparing PG&E's PDSS as-filed to	

The settlement agreement approved by D.26-05-014 resolves the dispute between TURN and PG&E and includes Northern and Southern Supply forecasts each winter that are even higher than the values proposed by TURN. In D.26-05-014, the Commission concluded, “The revised inputs to PG&E’s originally proposed PDSS are within the range of reasonableness, given the evidence submitted by PG&E and TURN.”	TURN’s recommendations and the Settlement PDSS)	
Procedural Issues TURN sought changes to the Scoping Memo’s articulation of the scope of this proceeding. TURN argued that the parenthetical in the sole issue could confusingly suggest that the PDSS only encompassed “Peak Day Demand Projections”. TURN also argued that the scope should include the second issue PG&E identified in its application – whether PG&E’s updated PDSS analysis should be approved - - which the Scoping Memo had omitted. The Commission partially agreed with TURN and modified the Scoping Memo to eliminate language suggesting that the PDSS only encompassed Peak Day Demand Projections. The	• TURN Motion to Clarify and/or Modify the Scoping Memo, filed 4/22/25, <i>passim</i> • TURN Reply to PG&E Response to TURN Motion, filed 5/1/25, <i>passim</i> • Assigned Commission’s Amendment to the Scoping Memo and Ruling, Granting in Part and Denying in Part, TURN’s Motion to Clarify and/or Modify the Scoping Memo, pp. 2-3	

Commission determined that the second issue would be better addressed in PG&E's then-soon-to-be-filed 2027 GRC. TURN also successfully defended its three volumes of testimony from PG&E's Motion to Strike, which PG&E filed on 5/15/25, the day after TURN submitted its testimony. TURN responded the next day, 5/16/25. PG&E's motion to strike was implicitly withdrawn by the Joint Motion for Admission of Testimony & Workpapers filed by TURN and PG&E two months later on 7/24/25. In D.26-05-014, the Commission relied on TURN's testimony in evaluating and ultimately adopting the proposed settlement agreement. Moreover, the Commission denied all motions not ruled upon in D.26-05-014, leaving no doubt as to the fate of PG&E's motion to strike.	• TURN Response to PG&E Motion to Strike TURN's Testimony, filed 5/16/25 • Joint Motion of PG&E and TURN for Admission of Testimony and Workpapers into Evidence, 7/24/25, pp. 1-2 (subsequently amended on 4/1/26 per 3/25/26 ALJ Ruling) • D.26-05-014, pp. 6-8; p. 12, OP 3	

B. Duplication of Effort (§ 1801.3(f) and § 1802.5):

	Intervenor's Assertion	CPUC Discussion
a. Was the Public Advocate's Office of the Public Utilities Commission (Cal Advocates) a party to the proceeding?²	No	
b. Were there other parties to the proceeding with positions similar to yours?	No	
c. If so, provide name of other parties:		
d. Intervenor's claim of non-duplication: TURN was the only intervenor in this proceeding. Accordingly, the Commission should find that TURN did not duplicate the participation of other parties.		

C. Additional Comments on Part II: (use line reference # or letter as appropriate)

#	Intervenor's Comment	CPUC Discussion

PART III: REASONABLENESS OF REQUESTED COMPENSATION

(to be completed by Intervenor except where indicated)

A. General Claim of Reasonableness (§ 1801 and § 1806):

a. Intervenor's claim of cost reasonableness: This request seeks an award of approximately \$291,000 as the reasonable cost of our participation in this important proceeding. These costs are reasonable in light of the quality of TURN's work and the contributions of TURN to the resolution of this proceeding.
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² The Office of Ratepayer Advocates was renamed the Public Advocate's Office of the Public Utilities Commission pursuant to Senate Bill No. 854, which the Governor approved on June 27, 2018.

This proceeding does not address cost recovery, so it is difficult for TURN to identify with any precision the monetary benefit of TURN's participation. However, PG&E uses the PDSS to project what capacity investments it should make in its gas system, particularly during peak day conditions in the winter months. (D.26-05-014, p. 3, fn. 7). The PDSS adopted in D.26-05-014 supports a lower level of gas system capacity investment than the PDSS in PG&E's application. (See Attachment 4). While the dollar value of these impacts is unknown, TURN submits that our participation should result in substantial benefits to ratepayers.

In sum, the Commission should conclude that TURN's request is reasonable given the cost of the mitigations at issue and the adopted outcomes.

b. Reasonableness of hours claimed:

TURN requests compensation for approximately 537 hours of substantive work in this claim. This work encompassed TURN's extensive discovery, including 14 sets of questions and resolution of discovery disputes, TURN's analysis of PG&E's PDSS analysis and preparation of expert testimony, and successful settlement negotiations, in addition to necessary procedural work, like defending TURN's testimony in response to PG&E's motion to strike Exhibits TURN-01, TURN-02, and TURN-03.

TURN assigned this proceeding to Attorney Hayley Goodson, who worked on the related PDSS issues in the PG&E 2023 GRC. Ms. Goodson assembled a team, including TURN Energy & Climate Policy Analyst Jalal Awan, outside counsel and expert Michel Peter Florio, and expert consultant Kevin Woodruff. Their roles are described below.

Former CPUC commissioner, and outside attorney and consultant Michel Peter Florio took a leadership role in this proceeding for TURN, given his participation in the prior GRC that originated this proceeding. Mr. Florio drafted discovery and testimony on electric generation gas demand and the northern and southern supply issue, specifically the impact of the Redwood constraint. He also advised TURN with respect to some of the procedural issues that arose in this proceeding. Mr. Florio further worked with Dr. Awan to assist in the preparation of his testimony on core gas demand. Mr. Florio brought over 40 years of experience in CPUC proceedings and a deep knowledge of the PG&E gas and electric systems, along with detailed knowledge of the California Independent System Operator's (CAISO) electric market operations due to his service as a CAISO board member for eight years.

Dr. Jalal Awan, an Energy and Climate Policy Analyst on TURN's staff, conducted discovery and drafted testimony on core gas demand and also assisted Mr. Florio with technical analysis of some of the issues regarding electric generation gas demand. Dr. Awan provided unmatched quantitative, analytical and technical skills to the TURN team in this proceeding.

Kevin Woodruff is a retired independent consultant on energy forecasting and modeling who interrupted his retirement to assist the TURN team with respect to the detailed workings of the PLEXOS model used by PG&E to forecast electric generation gas demand. Mr. Woodruff assisted

with TURN's extensive discovery efforts, reviewed and suggested discovery questions and reviewed PG&E's answers. He also reviewed TURN's testimony and provided feedback and suggestions for improving TURN's analysis. Without Mr. Woodruff's detailed working knowledge of the PLEXOS model, TURN would have been at a significant disadvantage in this proceeding relative to PG&E.

Messrs. Florio and Woodruff and Dr. Awan worked as a team in this proceeding, maximizing the unique skills of each member while ensuring that any duplication was kept to the absolute minimum. While Mr. Florio and Dr. Awan sponsored testimony on different issues, each contributed significantly to the testimony sponsored by the other, and Mr. Woodruff provided essential foundational knowledge and provided important quality control over TURN's presentation.

Ms. Goodson also received very limited assistance from other internal colleagues. TURN Paralegal Reina Yanagiba assisted with the preparation TURN's three-day ex parte notice (0.25 hours). TURN Director of Legal Strategy Thomas Long provided strategic guidance to Ms. Goodson regarding the scope of TURN's testimony following the amended Scoping Memo (0.50 hours). Finally, when Ms. Goodson was on leave during part of the summer of 2025, TURN General Counsel Robert Finkelstein replaced Ms. Goodson as TURN's in-house counsel during settlement negotiations (2.25 hours).

In sum, the Commission should find that the number of hours claimed is fully reasonable in light of the substantial contributions TURN made in this proceeding.

c. Allocation of hours by issue:

The following codes relate to the issue and activity areas addressed by TURN in this proceeding.

Code	Description	Allocation of Time	Hours
GP	General work necessary for participation that cannot be allocated by issue	8.28%	44.50
EG Demand	Work related to PG&E's Electric Generation (EG) Demand forecast	40.62%	218.25
Core Demand	Work related to PG&E's Core Demand forecast	34.06%	183.00
Supply	Work related to PG&E's Supply forecast	3.26%	17.50
Settlement	Work related to settlement negotiations that resulted in the settlement agreement approved by D.26-05-014	5.12%	27.50

Procedural Issue	Work related to procedural issues, including PHC participation, schedule, scope, Scoping Memo, PG&E's motion to strike TURN's testimony due to scope, motion for admission of exhibits	8.66%	46.50	
SUBTOTAL		100.00%	537.25	
Comp	Work related to preparing TURN's Notice of Intent and Request for Compensation		10.75	
TOTAL			548.00	

TURN submits that under the circumstances this information should suffice to address the allocation requirement under the Commission's rules. Should the Commission wish to see additional or different information on this point, TURN requests that the Commission so inform TURN and provide a reasonable opportunity for TURN to supplement this showing accordingly.

B. Specific Claim:*

CLAIMED						CPUC AWARD		
ATTORNEY, EXPERT, AND ADVOCATE FEES								
Item	Year	Hours	Rate \$	Basis for Rate*	Total \$	Hou rs	Rate \$	Total \$
Hayley Goodson, TURN Attorney	2024	24.25	\$680.00	D.24-09-017	\$16,490.00			
Hayley Goodson, TURN Attorney	2025	41.00	\$705.00	D.25-07-034	\$28,905.00			
Hayley Goodson, TURN Attorney	2026	0.75	\$730.00	D.26-06-028	\$547.50			
Jalal Awan, TURN Energy Policy Analyst	2024	113.00	\$325.00	D.26-06-028	\$36,725.00			
Jalal Awan, TURN Energy Policy Analyst	2025	149.50	\$355.00	D.26-06-028	\$53,072.50			
Reina Yanagiba, TURN Paralegal	2025	0.25	\$125.00	D.26-03-040	\$31.25			

CLAIMED						CPUC AWARD		
Robert Finkelstein, TURN General Counsel	2025	2.25	\$905.00	D.26-04-019	\$2,036.25			
Thomas J. Long, TURN Director of Legal Strategy (through 6/25)	2025	0.50	\$880.00	D.26-03-038	\$440.00			
Michel Florio Consulting	2024	79.75	\$780.00	See Comment #1	\$62,205.00			
Michel Florio Consulting	2025	97.75	\$805.00	See Comment #1	\$78,688.75			
Michel Florio Consulting	2026	0.75	\$830.00	See Comment #1	\$622.50			
Kevin Woodruff, Consultant	2024	19.25	\$275.00	See Comment #2	\$5,293.75			
Kevin Woodruff, Consultant	2025	8.25	\$275.00	See Comment #2	\$2,268.75			
Subtotal: \$287,326.25						Subtotal: \$		
OTHER FEES								
Describe here what OTHER HOURLY FEES you are Claiming (paralegal, travel **, etc.):								
Item	Year	Hours	Rate \$	Basis for Rate*	Total \$	Hou rs	Rate \$	Total \$
Subtotal: \$						Subtotal: \$		
INTERVENOR COMPENSATION CLAIM PREPARATION **								
Item	Year	Hours	Rate \$	Basis for Rate*	Total \$	Hou rs	Rate \$	Total \$
Hayley Goodson, TURN Attorney	2025	1.25	\$352.50	50% of 2025 rate	\$440.63			
Hayley Goodson, TURN Attorney	2026	4.50	\$365.00	50% of 2026 rate	\$1,642.50			
Michel Florio Consulting	2025	0.50	\$402.50	50% of 2025 rate	\$201.25			
Michel Florio Consulting	2026	4.50	\$415.00	50% of 2026 rate	\$1,867.50			
Subtotal: \$4,151,88						Subtotal: \$		

CLAIMED				CPUC AWARD
COSTS				
#	Item	Detail	Amount	Amount
1.				
2.				
			Subtotal: \$	Subtotal: \$
			TOTAL REQUEST: \$291,478.13	TOTAL AWARD: \$
*We remind all intervenors that Commission staff may audit the records and books of the intervenors to the extent necessary to verify the basis for the award (§1804(d)). Intervenors must make and retain adequate accounting and other documentation to support all claims for intervenor compensation. Intervenors' records should identify specific issues for which it seeks compensation, the actual time spent by each employee or consultant, the applicable hourly rates, fees paid to consultants and any other costs for which compensation was claimed. The records pertaining to an award of compensation shall be retained for at least three years from the date of the final decision making the award. **Travel and Reasonable Claim preparation time are typically compensated at ½ of preparer's normal hourly rate				
ATTORNEY INFORMATION				
Attorney	Date Admitted to CA BAR ³	Member Number	Actions Affecting Eligibility (Yes/No?) If "Yes", attach explanation	
Hayley Goodson	December 2003	228535	No	
Robert Finkelstein	June 1990	146391	No	
Thomas Long	December 1986	124776	No	
Michel Peter Florio	November 1978	83425	No	

C. Attachments Documenting Specific Claim and Comments on Part III:

(Intervenor completes; attachments not attached to final Decision)

Attachment or Comment #	Description/Comment
Attachment 1	Certificate of Service
Attachment 2	Timesheets for TURN Attorneys/Experts
Attachment 3	TURN hours allocated by issue

³ This information may be obtained through the State Bar of California's website at <http://members.calbar.ca.gov/fal/MemberSearch/QuickSearch>.

Attachment or Comment #	Description/Comment
Attachment 4	Comparison of TURN's Positions and Settlement Outcomes
Attachment 5	Support for Consultant Hourly Rates – Michel P. Florio: Retainer Agreement with hourly rate addenda for 2024, 2025, 2026; Invoices for 2024, 2025, 2026
Attachment 6	Support for Consultant Hourly Rate – Kevin Woodruff: Retainer Agreement; Invoice for 2024 & 2025; Resume
Comment #1	Hourly Rates for TURN Outside Counsel & Expert Michel P. Florio TURN requests an hourly rate of \$780 for outside counsel Michel Peter Florio's work in this proceeding in 2024. This is the rate charged by Mr. Florio to TURN in 2024 (see Attachment 5). This rate is also consistent with the rate previously approved by the Commission in D.24-12-022 and D.25-03-024 for Mr. Florio's work in 2024 on behalf of TURN in other proceedings. TURN requests an hourly rate of \$805 for Mr. Florio's 2025 work in this proceeding. This is the rate charged by Mr. Florio to TURN in 2025 (see Attachment 5). This rate is also consistent with the rate previously approved by the Commission for Mr. Florio's work in 2024, \$780, adjusted by the Commission's 2025 escalation rate of 3.46% (Res. ALJ-393) and rounded to the nearest \$5 increment [$\\$780 * 1.0346 = \\$806.99$, rounded down to \$805]. TURN requests an hourly rate of \$830 for Mr. Florio's 2026 work in this proceeding. This is the rate charged by Mr. Florio to TURN in 2026 (see Attachment 5). This rate is also consistent with the rate requested for Mr. Florio's work in 2025, \$805, adjusted by the Commission's 2026 escalation rate of 3.35% (Res. ALJ-393) and rounded to the nearest \$5 increment [$\\$805 * 1.0335 = \\$831.97$, rounded down to \$830].
Comment #2	Hourly Rate for TURN Expert Consultant Kevin Woodruff TURN requests an hourly rate of \$275 for work performed by expert consultant Kevin Woodruff in this proceeding. This is the rate charged by Mr. Woodruff to TURN in 2024 and 2025 pursuant to the consulting agreement for this proceeding (see Attachment 6). Mr. Woodruff provided expert consulting services to TURN from 2003 until mid-2020, when he retired. As explained above, he generously agreed to interrupt his retirement to assist the TURN team with respect to the detailed workings of the PLEXOS model used by PG&E to forecast electric generation gas demand for the PDSS. Although the Commission has adopted many hourly rates for Mr. Woodruff's work from 2006-2020, most recently a rate of \$270 for his work in 2020 (See, e.g., D.25-07-034, p. 39), this is TURN's first

Attachment or Comment #	Description/Comment																									
	request for intervenor compensation for his work after 2020. For that reason, TURN presents the initial showing required by Resolution ALJ-393 for Mr. Woodruff. Intervenor Representative: Kevin Woodruff Labor Role: Energy & Resources Expert or Economist Level: V Requested Hourly Rate: \$275 Current Resume: See Attachment 6. Justification for the Requested Hourly Rate: Kevin Woodruff is a retired independent consultant with 35 years of experience in the energy industry, analyzing complex policy and business issues faced by electric utilities, generators, customers, and other industry players. He has provided a variety of consulting services to clients with interests in the energy utility industry, including preparing expert testimony and supporting litigation efforts, analyzing, modeling, and forecasting operations of power systems, power markets, and individual generating units, forecasting utility and project revenues, costs, and rates, and analyzing and consummating business transactions. Most recently in his capacity as Principal of Woodruff Expert Services from late 2002 through retirement in 2020, he served as an expert witness and/or worked on utility regulatory proceedings in California, Nevada, Washington, Arkansas, Texas, and Maine. Mr. Woodruff has an A.B. in Economics from U.C. Berkeley and an M.B.A. from California State University, Sacramento. Based on Mr. Woodruff’s experience and education, TURN believes he could be categorized as either an Energy & Resources Expert – Level V or Economist – Level V. The requested hourly rate of \$275 for 2024 and 2025 is consistent with the median 2024 and 2025 hourly rates for an Energy & Resources Expert – Level V and is well below the median 2024 and 2025 rates for an Economist – Level V, which are shown in the table below. <table><tr><th>Labor Role – Level V</th><th>Year</th><th>Low</th><th>Median</th><th>High</th></tr><tr><td>Energy & Resources Expert</td><td>2024</td><td>\$198.74</td><td>\$271.10</td><td>\$386.86</td></tr><tr><td>Energy & Resources Expert</td><td>2025</td><td>\$208.12</td><td>\$280.48</td><td>\$396.24</td></tr><tr><td>Economist</td><td>2024</td><td>\$221.63</td><td>\$301.99</td><td>\$403.55</td></tr><tr><td>Economist</td><td>2025</td><td>\$232.07</td><td>\$312.43</td><td>\$413.99</td></tr></table> Given Mr. Woodruff’s 35 years of directly relevant experience and his M.B.A., which meets the educational requirements for an Economist – Level	Labor Role – Level V	Year	Low	Median	High	Energy & Resources Expert	2024	\$198.74	\$271.10	\$386.86	Energy & Resources Expert	2025	\$208.12	\$280.48	\$396.24	Economist	2024	\$221.63	\$301.99	\$403.55	Economist	2025	\$232.07	\$312.43	\$413.99
Labor Role – Level V	Year	Low	Median	High																						
Energy & Resources Expert	2024	\$198.74	\$271.10	\$386.86																						
Energy & Resources Expert	2025	\$208.12	\$280.48	\$396.24																						
Economist	2024	\$221.63	\$301.99	\$403.55																						
Economist	2025	\$232.07	\$312.43	\$413.99																						

Attachment or Comment #	Description/Comment
	V and exceeds the educational requirements for an Energy & Resources Expert – Level V, TURN submits that the requested rate of \$275 is very reasonable.

D. CPUC Comments, Disallowances, and Adjustments *(CPUC completes)*

Item	Reason

PART IV: OPPOSITIONS AND COMMENTS
Within 30 days after service of this Claim, Commission Staff
or any other party may file a response to the Claim (*see* § 1804(c))

A. Opposition: Did any party oppose the Claim?	
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If so:

Party	Reason for Opposition	CPUC Discussion

B. Comment Period: Was the 30-day comment period waived (<i>see</i> Rule 14.6(c)(6))?	
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If not:

Party	Comment	CPUC Discussion

(Green items to be completed by Intervenor)

FINDINGS OF FACT

1. **The Utility Reform Network** [has/has not] made a substantial contribution to **D.26-05-014**.
2. The requested hourly rates for **The Utility Reform Network**'s representatives [, as adjusted herein,] are comparable to market rates paid to experts and advocates having comparable training and experience and offering similar services.
3. The claimed costs and expenses [, as adjusted herein,] are reasonable and commensurate with the work performed.
4. The total of reasonable compensation is \$_____.

CONCLUSION OF LAW

1. The Claim, with any adjustment set forth above, [satisfies/fails to satisfy] all requirements of Pub. Util. Code §§ 1801-1812.

ORDER

1. **The Utility Reform Network** is awarded \$_____.
2. Within 30 days of the effective date of this decision, _____ shall pay **The Utility Reform Network** the total award. [for multiple utilities: "Within 30 days of the effective date of this decision, ^, ^, and ^ shall pay **The Utility Reform Network** their respective shares of the award, based on their California-jurisdictional [industry type, for example, electric] revenues for the ^ calendar year, to reflect the year in which the proceeding was primarily litigated. If such data are unavailable, the most recent [industry type, for example, electric] revenue data shall be used."] Payment of the award shall include compound interest at the rate earned on prime, three-month non-financial commercial paper as reported in Federal Reserve Statistical Release H.15, beginning [date], the 75th day after the filing of **The Utility Reform Network**'s request, and continuing until full payment is made.
3. The comment period for today's decision [is/is not] waived.

This decision is effective today.

Dated _____, at San Francisco, California.

APPENDIX**Compensation Decision Summary Information**

Compensation Decision:		Modifies Decision?	
Contribution Decision(s):	D.26-05-014		
Proceeding(s):	A.24-07-020		
Author:			
Payer(s):			

Intervenor Information

Intervenor	Date Claim Filed	Amount Requested	Amount Awarded	Multiplier?	Reason Change/Disallowance
The Utility Reform Network	7/21/26	\$291,478.13		N/A	

Hourly Fee Information

First Name	Last Name	Attorney, Expert, or Advocate	Hourly Fee Requested	Year Hourly Fee Requested	Hourly Fee Adopted
Hayley	Goodson	Attorney	\$680.00	2024	
Hayley	Goodson	Attorney	\$705.00	2025	
Hayley	Goodson	Attorney	\$730.00	2026	
Jalal	Awan	Expert	\$325.00	2024	
Jalal	Awan	Expert	\$355.00	2025	
Reina	Yanagiba	Paralegal	\$125.00	2025	
Robert	Finkelstein	Attorney	\$905.00	2025	
Thomas	Long	Attorney	\$880.00	2025	
Michel	Florio	Attorney	\$780.00	2024	
Michel	Florio	Attorney	\$805.00	2025	
Michel	Florio	Attorney	\$830.00	2026	
Kevin	Woodruff	Expert	\$275.00	2024	

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Kevin	Woodruff	Expert	\$275.00	2025	
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(END OF APPENDIX)

Revised March 2023

Attachment 1
Certificate of Service

(Filed electronically as a separate document pursuant to Rule 1.13(b)(iii))

(Served electronically as a separate document pursuant to Rule 1.10(c))

Revised March 2023

Attachment 2

Timesheets for TURN Attorneys/Experts

A.24-07-020 (PGE Peak Day Supply Std) TURN Compensation Claim
Attorney Time Sheets

Staff	Case #	Final Code	Description
Michel Florio Consulting	A24-07-020	GP	Prep for workshop: Peak Day Supply Std
Michel Florio Consulting	A24-07-020	GP	PG&E workshop on Peak Day Standard
Michel Florio Consulting	A24-07-020	GP	Draft comments to PG&E on workshop
Michel Florio Consulting	A24-07-020	EG Demand	Answer Q from PG&E regarding D forec
Michel Florio Consulting	A24-07-020	GP	Review PG&E slides for upcoming WS
Michel Florio Consulting	A24-07-020	GP	PG&E workshop on Peak Day Standard
Michel Florio Consulting	A24-07-020	GP	Memo to client re: WS and work plan
Michel Florio Consulting	A24-07-020	GP	Review PG&E portion of 2024 CGR
Jalal Awan	A24-07-020	GP	Review background material (PG&E 2023 GRC TURN-07, TURN-21) PG&E Peak Day Supply Standard Application
Michel Florio Consulting	A24-07-020	Procedural Issue	Rev & respond to PG&E schedule proposal
Hayley Goodson	A24-07-020	EG Demand	reach out to Kevin Woodruff re advising TURN on PLEXOS
Hayley Goodson	A24-07-020	GP	prepare memo for Jalal with background resources from PG&E 2023 GRC to prepare him for PG&E's forthcoming Peak Day Supply Standard application
Michel Florio Consulting	A24-07-020	Procedural Issue	scheduling emails
Michel Florio Consulting	A24-07-020	EG Demand	brainstorm tasks for Jalal re: Plexos
Hayley Goodson	A24-07-020	EG Demand	call with K Woodruff, M Florio re advising Jalal on PLEXOS for use in PG&E's peak day supply standard application
Michel Florio Consulting	A24-07-020	EG Demand	Planning call with Hayley and Kevin
Hayley Goodson	A24-07-020	EG Demand	confer with Jalal, Kevin W. re PLEXOS support
Michel Florio Consulting	A24-07-020	Core Demand	Rev CGR in prep for call w/ Jalal
Jalal Awan	A24-07-020	EG Demand	Review PLEXOS software installation requirements
Jalal Awan	A24-07-020	EG Demand	PG&E Gas Peak Day Supply Standard - PLEXOS discussion w/Mike and Kevin
Kevin Woodruff	A24-07-020	EG Demand	Reviewed California Gas Report as to Electric Generation gas demand; discussed Electric Generation gas demand with client (M. Florio/J. Awan).
Michel Florio Consulting	A24-07-020	EG Demand	Call with JA and KW re: demand forecast
Michel Florio Consulting	A24-07-020	GP	Initial review of testimony & workpapers
Jalal Awan	A24-07-020	Core Demand	Review and analyze California Gas Report 2024 Workpapers on design day calculations, core peak demand, heating degree days and take notes for
Michel Florio Consulting	A24-07-020	GP	Call with Jalal to go over testimony
Kevin Woodruff	A24-07-020	EG Demand	Reviewed PG&E workpapers regarding Electric Generation demand.
Kevin Woodruff	A24-07-020	EG Demand	Reported to client on data requests needed related to EG demand.
Michel Florio Consulting	A24-07-020	EG Demand	Review CGR workpapers
Jalal Awan	A24-07-020	EG Demand	Research and draft questions for Energy Exemplar for basic PLEXOS model documentation, and in particular (a) a description of their hourly outputs and
Kevin Woodruff	A24-07-020	EG Demand	Reviewed draft data request; commented to client
Jalal Awan	A24-07-020	GP	Mike-Jalal Discussion on Peak Day Supply Standard Application
Michel Florio Consulting	A24-07-020	EG Demand	Draft data request #1 for PG&E
Michel Florio Consulting	A24-07-020	EG Demand	Final edit of data request #1
Jalal Awan	A24-07-020	Core Demand	Review and analyze TURN's data requests to PG&E in A.24-07-020 on Peak Day Supply composite temperature calculation, PLEXOS outputs for
Jalal Awan	A24-07-020	EG Demand	Review and analyze TURN's data requests to PG&E in A.24-07-020 on Peak Day Supply composite temperature calculation, PLEXOS outputs for
Michel Florio Consulting	A24-07-020	Supply	Draft data request #2 for PG&E
Michel Florio Consulting	A24-07-020	Supply	Draft data request #2 for PG&E
Jalal Awan	A24-07-020	EG Demand	Review and analyze Excel files from PG&E, Part 1 of 2, for Peak Day Supply and prepare notes for internal discussion.
Michel Florio Consulting	A24-07-020	GP	Review PG&E testimony and workpapers
Jalal Awan	A24-07-020	EG Demand	Kevin / Jalal / Mike meeting on DR responses and follow-up discovery questions
Kevin Woodruff	A24-07-020	EG Demand	Prepared to meet with TURN (M. Florio/J. Awan) to review issues related to Electric Generation gas demand.
Kevin Woodruff	A24-07-020	EG Demand	Met with TURN (M. Florio/J. Awan) to review issues related to Electric Generation gas demand.
Hayley Goodson	A24-07-020	GP	review PG&E proposed NDA, discuss with Mike and PG&E atty J. Pendleton
Hayley Goodson	A24-07-020	GP	execute NDA, NDC and advise Mike, Jalal, Kevin W. re same
Michel Florio Consulting	A24-07-020	GP	Review draft NDA
Michel Florio Consulting	A24-07-020	EG Demand	Discovery call with PG&E
Michel Florio Consulting	A24-07-020	EG Demand	Meeting with Jalal and Kevin
Michel Florio Consulting	A24-07-020	Core Demand	Draft data request 3 for PG&E/Marquette
Kevin Woodruff	A24-07-020	EG Demand	Reviewed and signed Non-Disclosure Certificate.
Kevin Woodruff	A24-07-020	EG Demand	Began reviewing PG&E responses to Data Requests.
Michel Florio Consulting	A24-07-020	Core Demand	Final edit of data request #3
Michel Florio Consulting	A24-07-020	EG Demand	Attempt to download PG&E DR-1 responses
Hayley Goodson	A24-07-020	EG Demand	troubleshoot PG&E IT hurdles to receive Excel attachments to TURN DR 1
Kevin Woodruff	A24-07-020	EG Demand	Reviewed confidential attachments to PG&E responses.
Jalal Awan	A24-07-020	EG Demand	Review and analyze Peak Day Supply Standard Data Responses to TURN 001 Q001-007, 014, 016 and 025 and take notes for testimony.
Jalal Awan	A24-07-020	Core Demand	Draft and revise TURN-PG&E-003 based on feedback from Mike Florio and Kevin Woodruff.
Kevin Woodruff	A24-07-020	EG Demand	Completed review of PG&E DRs; reported to client.
Jalal Awan	A24-07-020	EG Demand	Review and analyze PG&E's responses to DRs TURN 1-1 to 1-7, 1-14, 1-16 and 1-25 for completeness - take notes for potential inclusion in testimony
Michel Florio Consulting	A24-07-020	GP	Research and prep for protest
Jalal Awan	A24-07-020	EG Demand	Review assumptions, input data and process for PLEXOS modeling behind EG Demand forecast w/Kevin
Hayley Goodson	A24-07-020	GP	confer with MF re discovery, protest
Michel Florio Consulting	A24-07-020	GP	Research and draft protest
Jalal Awan	A24-07-020	EG Demand	Background reading on hydro generation correlation in Northern CA and the PNW
Jalal Awan	A24-07-020	Core Demand	Review and analyze implications of PG&E's BE and climate change based modifiers
Kevin Woodruff	A24-07-020	GP	Participated in PG&E workshop to review application.
Michel Florio Consulting	A24-07-020	GP	Attend PG&E workshop on application
Michel Florio Consulting	A24-07-020	EG Demand	Draft Data Request #4
Hayley Goodson	A24-07-020	GP	review MF draft protest, provide feedback
Jalal Awan	A24-07-020	Core Demand	Review and assess implications of IPCC climate scenarios (SSPs) on PG&E modeling results
Hayley Goodson	A24-07-020	GP	work on expanding, revising MF draft protest
Hayley Goodson	A24-07-020	GP	more work on expanding, revising MF draft protest
Hayley Goodson	A24-07-020	GP	rsch and draft revisions. to MF draft protest
Hayley Goodson	A24-07-020	GP	finish work on protest draft
Jalal Awan	A24-07-020	Core Demand	Review and analyze California Gas Report 2024 Workpapers on design day calculations, and take notes for follow-on data request(s).
Kevin Woodruff	A24-07-020	EG Demand	Began reviewing additional PG&E responses to data requests.
Kevin Woodruff	A24-07-020	EG Demand	Continued reviewing additional PG&E responses; communicated with client.
Kevin Woodruff	A24-07-020	EG Demand	Began preparing detailed data request to PG&E for Electric Generation gas demand modeling data.
Michel Florio Consulting	A24-07-020	GP	Review and edit revised protest
Kevin Woodruff	A24-07-020	EG Demand	Continued preparing data request for EG modeling data.
Michel Florio Consulting	A24-07-020	EG Demand	Review DR responses
Kevin Woodruff	A24-07-020	EG Demand	Continued preparing data request for EG modeling data.
Jalal Awan	A24-07-020	Core Demand	Review and analyze Excel files from PG&E(CONF) for Peak Day Supply and prepare notes for internal discussion.
Kevin Woodruff	A24-07-020	EG Demand	Reviewed additional PG&E DR responses.
Jalal Awan	A24-07-020	Core Demand	Review CPUC Rules 10.3 and 10.4a on discovery and requirements re: provision of input data and working models to intervenors, & take notes for
Kevin Woodruff	A24-07-020	EG Demand	Continued preparing data request for EG modeling data.
Kevin Woodruff	A24-07-020	EG Demand	Completed data request on EG modeling; reported to client.
Michel Florio Consulting	A24-07-020	EG Demand	Review more DR responses
Jalal Awan	A24-07-020	EG Demand	Discovery and Other Issues discussion w/ Mike and Kevin
Hayley Goodson	A24-07-020	EG Demand	review docs and prep for discovery mtg with Jalal, Mike, Kevin
Hayley Goodson	A24-07-020	EG Demand	mtg with Jalal, Mike, Kevin re discovery hurdles, strategies re same
Jalal Awan	A24-07-020	Core Demand	Review PG&E Advice Letter 4965-G for relevance to gas storage and take notes.
Michel Florio Consulting	A24-07-020	EG Demand	Discovery call with TURN team
Jalal Awan	A24-07-020	EG Demand	Review and analyze Peak Day Supply Standard PG&E's Data Responses to TURN 001 Q010 and Q023 with attachments, to inform core / non-core
Michel Florio Consulting	A24-07-020	EG Demand	Review DR responses & draft DR #5
Kevin Woodruff	A24-07-020	EG Demand	Reviewed additional data request to and responses from PG&E.
Michel Florio Consulting	A24-07-020	Supply	Review responses to TURN DR #2
Michel Florio Consulting	A24-07-020	EG Demand	Analyze DR responses and missing info
Michel Florio Consulting	A24-07-020	EG Demand	Analysis of EG gas demand
Michel Florio Consulting	A24-07-020	EG Demand	Work on DR #6
Kevin Woodruff	A24-07-020	EG Demand	Reviewed J. Awan's analysis of CAISO import data.

A.24-07-020 (PGE Peak Day Supply Stdnd) TURN Compensation Claim
Attorney Time Sheets

Staff	Case #	Final Code	Description
Michel Florio Consulting	A24-07-020	Supply	Finish work on DR #6
Michel Florio Consulting	A24-07-020	EG Demand	Finish work on DR #6
Michel Florio Consulting	A24-07-020	EG Demand	Email Jalal re: potential data analyses
Kevin Woodruff	A24-07-020	EG Demand	Began reviewing responses to additional PG&E data requests
Hayley Goodson	A24-07-020	EG Demand	review memo and background materials from Mike and draft discovery meet and confer notice to PG&E re DR 1-3
Hayley Goodson	A24-07-020	Core Demand	confer with Mike re add'l meet and confer re PG&E response to TURN DR 3
Hayley Goodson	A24-07-020	EG Demand	communicate with PG&E re TURN request for M&C re DR 1-3
Jalal Awan	A24-07-020	EG Demand	Preprocess data and review PG&E's peak day supply standard demands (mmcf/d) for core vs. non-core customers from 2004-2023, for potential
Kevin Woodruff	A24-07-020	EG Demand	Continued reviewing additional PG&E responses to data requests; reported to client.
Jalal Awan	A24-07-020	EG Demand	Review and analyze PG&E's Data Response to TURN 005 Q004 and take notes for testimony.
Jalal Awan	A24-07-020	EG Demand	Conducted a detailed review and analysis of PG&E's Data Response to TURN 001 Question 9 and added lower percentile values (P90, P80, P75, P70,
Jalal Awan	A24-07-020	EG Demand	Created timeseries plots using Python to visually represent different percentile calculations for 1-in-10 year data for PG&E's PLEXOS based alternative
Michel Florio Consulting	A24-07-020	EG Demand	Review DRs and scope others.
Hayley Goodson	A24-07-020	EG Demand	confer with Mike, PG&E re next steps on meet and confer re DR 1, Q3
Kevin Woodruff	A24-07-020	EG Demand	Reviewed and commented on J.Awan's analysis of alternative gas reliability metrics.
Michel Florio Consulting	A24-07-020	EG Demand	Meet & Confer w/ PG&E and follow-up
Jalal Awan	A24-07-020	EG Demand	Review and analyze Peak Day Supply Standard PG&E's Data Responses to TURN 006 Questions 007 and 009-010, and draft notes for potential
Michel Florio Consulting	A24-07-020	EG Demand	Review DR responses & draft DR #7
Kevin Woodruff	A24-07-020	EG Demand	Reviewed and commented on J.Awan's analysis of hydroelectric energy correlations; reviewed additional TURN data requests and PG&E responses.
Michel Florio Consulting	A24-07-020	EG Demand	Draft TURN DR #8
Jalal Awan	A24-07-020	EG Demand	Review & analyze responses to TURN's 7th data request to PG&E, and share analysis / plots for inclusion in testimony.
Michel Florio Consulting	A24-07-020	EG Demand	Review DR responses
Hayley Goodson	A24-07-020	Core Demand	research, begin preparing Rule 11.3 M&C notice to PG&E re response to DR 3, Q1
Hayley Goodson	A24-07-020	Core Demand	request technical assistance from Mike, Jalal re M&C re DR 3, Q1
Hayley Goodson	A24-07-020	EG Demand	meeting with PG&E, S&P Global re TURN's request for S&P data used in PG&E's EG demand forecast in DR 1, Q3
Jalal Awan	A24-07-020	EG Demand	Review and analyze PeakDaySupplyStandard DR TURN 007-Q004Atch01 Pipe Ranger gas data (2005-2023) and take notes / output plots for
Jalal Awan	A24-07-020	EG Demand	Review and analyze correlation plots of monthly hydro generation data from TURN-08-Q001, and take notes for further discovery.
Jalal Awan	A24-07-020	EG Demand	Analyze and provide feedback to attorney (Mike Florio) on consistency in trends between yearly and monthly datasets.
Michel Florio Consulting	A24-07-020	EG Demand	Discovery call w/ PG&E and S&P Global
Jalal Awan	A24-07-020	Core Demand	Implement visualization suggestions based on expert (Kevin Woodruff) advice for testimony presentation
Jalal Awan	A24-07-020	EG Demand	Assess seasonal variations and statistical significance of hydro generation correlations, include observations in writing for inclusion in testimony.
Kevin Woodruff	A24-07-020	EG Demand	Reviewed and commented on additional PG&E responses to TURN data requests.
Jalal Awan	A24-07-020	EG Demand	Review and pre-process data for attachment to TURN 010 Q001-Q002 on PLEXOS modeling for analysis and inclusion in testimony.
Jalal Awan	A24-07-020	EG Demand	Analyze and provide scatter plots between NWPP-CA and DSW+Rockies-CA, including written deductions from plots for inclusion in testimony.
Hayley Goodson	A24-07-020	Core Demand	rsch for M&C notice to PG&E re DR 3, Q1 and Q2
Jalal Awan	A24-07-020	Core Demand	Review and analyze winter temperature trends in PG&E and NOAA datasets, and perform visual analysis for inclusion in testimony.
Hayley Goodson	A24-07-020	Core Demand	draft M&C request to PG&E re DR 3, Q1-2
Jalal Awan	A24-07-020	Core Demand	Examine TURN Hypothesis 1 by analyzing the visual increase in winter temperatures from PG&E's daily data (1999-2024) and NOAA's annual data
Michel Florio Consulting	A24-07-020	Supply	Review PG&E responses to DR-7
Jalal Awan	A24-07-020	Core Demand	Compare PG&E's projected demand reductions with realistic climate change scenarios, and include comments for testimony.
Jalal Awan	A24-07-020	Core Demand	Analyze the conservatism in PG&E's demand reduction estimates from 2025-2030, as detailed in Table 23 of 2024 CGR, and write draft comments for discussion.
Michel Florio Consulting	A24-07-020	EG Demand	Review PG&E responses to DR-7
Kevin Woodruff	A24-07-020	EG Demand	Responded to M. Florio inquiry about PG&E EG gas demand.
Jalal Awan	A24-07-020	Core Demand	Research & draft a data request for clarity on climate change scenarios.
Jalal Awan	A24-07-020	EG Demand	Evaluate the correlation between non-core EG and core demand under TURN Hypothesis 2, and include feedback for attorney review.
Jalal Awan	A24-07-020	EG Demand	Review, summarize findings from WP 2, tab: O3-CombinedO, and share notes with external consultant (Kevin Woodruff) on testing Hypothesis 2, which shows a very weak correlation ($R_{\text{adj}}=0.05$) at a significance level of $p<0.05$ between non-core electric generation (EG) demand and core demand.
Hayley Goodson	A24-07-020	Core Demand	review Jalal's proposed revisions to DR 3 Q1-2 in prep for M&C with PG&E re same
Hayley Goodson	A24-07-020	Core Demand	communicate proposed DR 3 Q1-2 revisions to PG&E in prep for M&C
Jalal Awan	A24-07-020	Core Demand	Review previous DR's 24 questions and drafted substitute 12 questions for Peak Day Supply Application (TURN 003 Q.1 and Q.2); validated proposed approaches and shared draft with Mike / Hayley.
Jalal Awan	A24-07-020	Core Demand	Prepare for and participated in Meet and Confer session with Mike/Hayley; analyzed Peak Day Supply Standard Application for confirmation on TURN's understanding of ensemble forecasts.
Michel Florio Consulting	A24-07-020	Core Demand	Review DR responses for meet & confer
Michel Florio Consulting	A24-07-020	EG Demand	Rev DR Responses for testimony outline
Hayley Goodson	A24-07-020	Core Demand	discovery meet and confer with PG&E re DR 3, Q1-2 - Marquette Core DDA
Michel Florio Consulting	A24-07-020	Core Demand	Meet and confer with PG&E
Jalal Awan	A24-07-020	Core Demand	Analyze and respond to MEAO's clarifications on TURN 003 Q.1 and Q.2 during Meet and Confer session.
Michel Florio Consulting	A24-07-020	Core Demand	Follow-up email to PG&E
Jalal Awan	A24-07-020	Core Demand	Meet and Confer - TURN 003, Q. 1- Q. 2 - Clarifications and MEA's Response 11.26.24 - share written feedback with MEA to narrow down scope of TURN DR TURN-003 and share TURN feedback with Eileen Cotronero (PG&E).
Jalal Awan	A24-07-020	EG Demand	Analyze, review, and output scatter and box plots between CA vs. Rockies precipitation and hydro output, including written deductions from plots for inclusion in testimony.
Jalal Awan	A24-07-020	EG Demand	Review Mike Florio's literature on Rule No. 23 Sheet 2 CONTINUITY OF SERVICE AND INTERRUPTION OF DELIVERY and drafted comments on Curtailment Effectuation.
Michel Florio Consulting	A24-07-020	Core Demand	Prep for Friday call w/ PG&E
Jalal Awan	A24-07-020	EG Demand	Review, analyze, and discuss Final PLEXOS run from DR #5, Q5 for inclusion in TURN direct testimony recommendations.
Michel Florio Consulting	A24-07-020	EG Demand	Review DR #5 supp response
Michel Florio Consulting	A24-07-020	Core Demand	Discovery call with PG&E
Michel Florio Consulting	A24-07-020	EG Demand	Review DR responses and draft DR #9
Michel Florio Consulting	A24-07-020	Core Demand	Discovery call with PG&E
Kevin Woodruff	A24-07-020	EG Demand	Reviewed PG&E's responses to TURN Data Request on EG gas demand; commented to client.
Michel Florio Consulting	A24-07-020	EG Demand	Analyze EG gas price differences
Jalal Awan	A24-07-020	Core Demand	Analyst's check-in: Discuss, review and analyze Building electrification and climate change modifiers based on IEPR 2023/24 update.
Hayley Goodson	A24-07-020	Procedural Issue	confer with Mike re ALJ ruling setting PHC
Michel Florio Consulting	A24-07-020	Procedural Issue	Email with team re: PHC planning
Jalal Awan	A24-07-020	Core Demand	Analyze ensemble forecasts for gas peak day supply standard application under building electrification and climate change related modifiers proposed by PG&E.
Michel Florio Consulting	A24-07-020	EG Demand	Rev DR responses & email team
Hayley Goodson	A24-07-020	Procedural Issue	meeting with Mike, Jalal re PHC prep (join 15 mins late)
Michel Florio Consulting	A24-07-020	Procedural Issue	Call w/ TURN in prep for PG&E call & PHC
Kevin Woodruff	A24-07-020	EG Demand	Reviewed PG&E's responses to TURN Data Request on EG gas demand; provided analysis to client.
Jalal Awan	A24-07-020	Procedural Issue	Attend call with PG&E and TURN + external consultants on hearing schedule and open issues.
Hayley Goodson	A24-07-020	Procedural Issue	mtg with PG&E re their interest in suspending schedule pending GRC filing to avoid duplication
Hayley Goodson	A24-07-020	Procedural Issue	f/u mtg with Mike re response to PG&E's proposal which PG&E suggested will come up during tomorrow's PHC
Michel Florio Consulting	A24-07-020	Procedural Issue	Prep for and call with PG&E re: PHC
Michel Florio Consulting	A24-07-020	Procedural Issue	Telephonic PHC
Michel Florio Consulting	A24-07-020	EG Demand	Review DR responses
Jalal Awan	A24-07-020	Core Demand	Follow-up meeting with analysts on using ensemble forecast results, instead of higher coefficients of determination for multilinear OLS analysis.
Jalal Awan	A24-07-020	Core Demand	Review Peak Day Supply Standard PG&E's Revised Data Responses to TURN 003 Q001-002 with Attachments

A.24-07-020 (PGE Peak Day Supply Stnd) TURN Compensation Claim
Attorney Time Sheets

Staff	Case #	Final Code	Description
Michel Florio Consulting	A24-07-020	EG Demand	Study DR responses & draft DR #10
Jalal Awan	A24-07-020	Core Demand	Analyst's check-in: Discuss, review and analyze Peak Day Supply Standard using CGR and assumptions that may be problematic.
Jalal Awan	A24-07-020	Core Demand	Review and analyze CEC Peak Day Gas Demand forecast assumptions for core gas demand - compare with EG demand and Kevin Woodruff's estimates.
Kevin Woodruff	A24-07-020	EG Demand	Reviewed additional PG&E response to TURN Data Request on EG gas demand; provided analysis to client.
Michel Florio Consulting	A24-07-020	Core Demand	Review Jalal's draft DRs
Jalal Awan	A24-07-020	EG Demand	Review, analyze, and respond to Kevin on Peak Day Supply Standard PG&E Data Responses to TURN_010 with Attachment
Kevin Woodruff	A24-07-020	EG Demand	Reviewed PG&E responses to TURN data requests; provided client analysis thereof.
Hayley Goodson	A24-07-020	Comp	draft NOI
Jalal Awan	A24-07-020	Core Demand	Respond to Hayley re: DR 3 follow-up questions on separate Excel spreadsheets for 8 regression models
Michel Florio Consulting	A24-07-020	Comp	Work on notice of intent
Hayley Goodson	A24-07-020	Comp	incorporate input from Mike re issue coverage and budget allocation
Jalal Awan	A24-07-020	EG Demand	Analyze additional clarifications from PG&E on Peak Day Supply Standard; coordinate with Kevin on forecast alignment
Hayley Goodson	A24-07-020	Core Demand	review, revise Jalal's draft DR #11 f/u to DR #3 Q1-2 Rev
Hayley Goodson	A24-07-020	Core Demand	confer with Jalal and complete DR
Hayley Goodson	A24-07-020	Procedural Issue	confer with Mike re work on testimony in advance of Scoping Memo
Jalal Awan	A24-07-020	EG Demand	Re-check PG&E data response alignment with Kevin's Peak Day Supply Standard analysis, finalize minor clarifications, redraw correlation plots for temperature, hydro seasonality and EG vs. core gas demand.
Michel Florio Consulting	A24-07-020	GP	Review relevant past CPUC decisions
Jalal Awan	A24-07-020	Core Demand	Review, analyze and draft follow-on DR on PG&E's Data Responses to TURN_011 re: Peak Day Supply Standard
Michel Florio Consulting	A24-07-020	GP	Review decisions & prep for testimony
Hayley Goodson	A24-07-020	Core Demand	review PG&E response to DR 11 and confer with MF, JA re options
Michel Florio Consulting	A24-07-020	EG Demand	Review and analyze data & discovery
Michel Florio Consulting	A24-07-020	EG Demand	Review and analyze data & discovery
Michel Florio Consulting	A24-07-020	EG Demand	Review and analyze data & discovery
Jalal Awan	A24-07-020	Core Demand	Review and discuss update on PG&E Peak Day Supply Standard testimony preparation
Michel Florio Consulting	A24-07-020	EG Demand	Begin drafting testimony
Reina Yanagiba	A24-07-020	Procedural Issue	Assist in Drafting Three Day Advance Notice of Ex Parte re: impending testimony deadline per proposed procedural schedule but no Scoping Memo yet
Michel Florio Consulting	A24-07-020	Procedural Issue	Prepare ex parte advance notice
Michel Florio Consulting	A24-07-020	Procedural Issue	Review PHC transcript & Prep for ex parte on absence of scoping memo and anticipated testimony deadline
Michel Florio Consulting	A24-07-020	EG Demand	Draft testimony on EG gas demand
Hayley Goodson	A24-07-020	Procedural Issue	review Mike's draft ex parte notice
Michel Florio Consulting	A24-07-020	Procedural Issue	Ex parte call with advisor & memo to team
Michel Florio Consulting	A24-07-020	Procedural Issue	Draft ex parte notice for filing
Michel Florio Consulting	A24-07-020	EG Demand	Draft testimony on EG gas demand
Jalal Awan	A24-07-020	Core Demand	Internal meeting to discuss core forecasts with Mike
Jalal Awan	A24-07-020	EG Demand	Internal meeting to discuss core forecasts with Mike
Michel Florio Consulting	A24-07-020	Core Demand	Review core data for call with Jalal
Michel Florio Consulting	A24-07-020	Core Demand	Call w/ Jalal on core and EG forecasts
Michel Florio Consulting	A24-07-020	EG Demand	Call w/ Jalal on core and EG forecasts
Michel Florio Consulting	A24-07-020	EG Demand	Draft testimony on EG gas demand
Kevin Woodruff	A24-07-020	EG Demand	Reviewed Florio initial draft testimony to provide comments.
Michel Florio Consulting	A24-07-020	EG Demand	Draft testimony on EG gas demand
Jalal Awan	A24-07-020	EG Demand	Review CAISO wind and solar curtailment percentages and draft notes to share w/ Mike, Kevin
Michel Florio Consulting	A24-07-020	EG Demand	Edit draft testimony
Michel Florio Consulting	A24-07-020	EG Demand	Edit draft testimony
Michel Florio Consulting	A24-07-020	EG Demand	Edit draft testimony
Michel Florio Consulting	A24-07-020	Supply	Draft testimony on Redwood constraint
Kevin Woodruff	A24-07-020	EG Demand	Reviewed additional Florio draft testimony; commented thereon.
Jalal Awan	A24-07-020	Core Demand	Testimony discussion with Mike re: core and non-core peak day supply standard gas demand
Jalal Awan	A24-07-020	Core Demand	Review, analyze and draft responses re: climate change modifier/building electrification modifiers for peak day supply standard
Michel Florio Consulting	A24-07-020	Supply	Edit draft testimony
Michel Florio Consulting	A24-07-020	EG Demand	Edit draft testimony
Michel Florio Consulting	A24-07-020	Supply	Draft testimony
Michel Florio Consulting	A24-07-020	EG Demand	Draft testimony
Michel Florio Consulting	A24-07-020	Supply	Edit draft testimony
Michel Florio Consulting	A24-07-020	Core Demand	Review & comment on Jalal's draft
Michel Florio Consulting	A24-07-020	EG Demand	Edit draft testimony
Jalal Awan	A24-07-020	EG Demand	Review draft and share comments with Mike re: TURN's 12th data request to PG&E
Jalal Awan	A24-07-020	Core Demand	Review regression model fits, compare R-squared and write subsection on implications of regression model fits used by PG&E/Marquette
Jalal Awan	A24-07-020	Core Demand	Describe and suggest results using alternative variables for peak demand forecasts
Jalal Awan	A24-07-020	Core Demand	Compare Models 1-5 results and suggest more objective ensemble model weighting
Jalal Awan	A24-07-020	Core Demand	Draft section on regression vs Monte Carlo simulations for peak core gas forecasts
Jalal Awan	A24-07-020	Core Demand	Describe deficiencies and erroneous assumptions in California gas report 2024
Jalal Awan	A24-07-020	Core Demand	Suggest primary and alternative recommendations re: regression model univariate linear and piecewise linear approaches
Hayley Goodson	A24-07-020	Procedural Issue	confer with Mike re Scoping Memo, strategy for next steps
Michel Florio Consulting	A24-07-020	Procedural Issue	Rev scoping memo & discuss w/ team
Jalal Awan	A24-07-020	Core Demand	Identify issues in MDth winter severity adjustment, use of weather stations non-representative of PG&E territory
Jalal Awan	A24-07-020	EG Demand	Review Florio testimony draft with Woodruff edits incorporated
Michel Florio Consulting	A24-07-020	Supply	Edit testimony and tables
Michel Florio Consulting	A24-07-020	EG Demand	Edit testimony and tables
Jalal Awan	A24-07-020	Procedural Issue	Meeting with Mike/Kevin re: scoping memo and testimony
Kevin Woodruff	A24-07-020	Procedural Issue	Discussed Scoping Memo, case schedule and testimony with Florio and Awan.
Michel Florio Consulting	A24-07-020	Procedural Issue	Scoping call w/ PG&E & follow-up
Michel Florio Consulting	A24-07-020	Procedural Issue	Drafting motion to modify scoping
Michel Florio Consulting	A24-07-020	EG Demand	Call w/ Jalal and Kevin re scoping memory and testimony
Michel Florio Consulting	A24-07-020	Procedural Issue	Drafting motion to modify scoping memo
Kevin Woodruff	A24-07-020	EG Demand	Reviewed Florio's final draft testimony; provided comments.
Jalal Awan	A24-07-020	Core Demand	Review and analyze wind-adjusted temperature methodologies across PG&E's forecasting models; compare against NOAA regional climate database, e
Jalal Awan	A24-07-020	Core Demand	Evaluate demand-response impact assumptions in peak day calculations; cross-reference with historical baseload / peakload data.
Jalal Awan	A24-07-020	Core Demand	Share with Mike/Kevin re: BE modifier heading regarding SoCal Gas use of AAFS Scenario 3 vs PG&E's Scenario 2

A.24-07-020 (PGE Peak Day Supply Std) TURN Compensation Claim
Attorney Time Sheets

Staff	Case #	Final Code	Description
Jalal Awan	A24-07-020	Core Demand	Modify testimony workpapers based on MMcf/d values shared by PG&E in Data Response to TURN_012
Hayley Goodson	A24-07-020	Procedural Issue	review and revise Mike's draft motion for revision to the Scoping Memo
Michel Florio Consulting	A24-07-020	EG Demand	Rev & incorp K Woodruff comments into testimony
Michel Florio Consulting	A24-07-020	Core Demand	Review & comment on Jalal's draft testimony
Jalal Awan	A24-07-020	Core Demand	Analyze and plot seasonal coefficients for core across models 1-5 and ensemble forecast; identify potential forecast bias in shoulder months.
Jalal Awan	A24-07-020	Supply	Review PG&E's pipeline capacity constraint assumptions; evaluate against Interstate gas transmission data and bottleneck analysis re: 2023 hydro year
Jalal Awan	A24-07-020	Core Demand	Draft technical comments on Model 1-5 accuracy/precision issues; share findings with Mike/Kevin.
Hayley Goodson	A24-07-020	EG Demand	review, provide feedback on Mike's testimony
Jalal Awan	A24-07-020	Core Demand	Analyze and evaluate gas storage injection/withdrawal patterns vs. peak day supply calculations to identify potential double-counting.
Jalal Awan	A24-07-020	EG Demand	Review confidential gas price data; assess impact on peak day supply reliability assumptions.
Jalal Awan	A24-07-020	Core Demand	Compare PG&E's weather station selection methodology against NOAA climate zone boundaries; draft alternative approach for PG&E territory specific
Hayley Goodson	A24-07-020	Supply	continue review of Mike's testimony
Hayley Goodson	A24-07-020	EG Demand	continue review of Mike's testimony
Hayley Goodson	A24-07-020	EG Demand	review Mike's responses to my feedback and discuss same with Mike
Hayley Goodson	A24-07-020	Procedural Issue	meeting with Mike re PG&E response to TURN motion re scoping memo in prep for TURN reply
Michel Florio Consulting	A24-07-020	Procedural Issue	Rev PG&E resp to motion & prep reply
Michel Florio Consulting	A24-07-020	Supply	Rev & incorp H Goodson comments
Michel Florio Consulting	A24-07-020	EG Demand	Rev & incorp H Goodson comments
Jalal Awan	A24-07-020	Core Demand	Analyze core gas demand percentile calculations and compare results from alternative deciles w/Mike and Kevin.
Jalal Awan	A24-07-020	Core Demand	Review and evaluate PG&E's gas price elasticity assumptions; cross-check against recent academic literature on demand response.
Jalal Awan	A24-07-020	Core Demand	Review and analyze DR on Peak Day Gas Supply and plot table of all metrics (R-sq., SD, Variance etc.) for Models 1-5 and rank models by accuracy and
Hayley Goodson	A24-07-020	Procedural Issue	review memo from Mike re reply to SM motion
Hayley Goodson	A24-07-020	Procedural Issue	begin drafting reply to PG&E re SM motion
Hayley Goodson	A24-07-020	Procedural Issue	continue working on reply re SM motion
Jalal Awan	A24-07-020	Core Demand	Review, analyze, and evaluate testimony on modeling assumptions re: core gas forecast 2024-2029 in Peak Day Supply Standard.
Hayley Goodson	A24-07-020	Core Demand	review Jalal's draft testimony on core demand forecast
Jalal Awan	A24-07-020	EG Demand	Review and analyze HDD vs. non-core gas-demand correlation; share w/ Mike.
Jalal Awan	A24-07-020	Core Demand	Review, analyze, and evaluate CIs and plot against point estimates for Model 5 forecasts.
Hayley Goodson	A24-07-020	Core Demand	continue to review Jalal's draft testimony on core demand forecast
Hayley Goodson	A24-07-020	Core Demand	continue to review Jalal's draft testimony on core demand forecast
Hayley Goodson	A24-07-020	Core Demand	review Jalal's next draft responding to my feedback
Hayley Goodson	A24-07-020	Supply	near final revisions to Mike's testimony and attachments
Hayley Goodson	A24-07-020	EG Demand	near final revisions to Mike's testimony and attachments
Jalal Awan	A24-07-020	Core Demand	Review PG&E's climate change scenarios used for CC modifier and evaluate alternative IPCC approaches yielding more robust estimates; write draft sub
Jalal Awan	A24-07-020	Core Demand	Analyze and evaluate baseload-growth assumptions vs. historical data - correlate results to evaluate actual baseload per unit growth
Hayley Goodson	A24-07-020	Procedural Issue	strategy meeting with Tom re response to scoping ruling
Hayley Goodson	A24-07-020	Procedural Issue	begin work on developing add'l testimony in response to scoping ruling
Thomas Long	A24-07-020	Procedural Issue	Discuss testimony strategy w/HG re revised scope
Hayley Goodson	A24-07-020	Core Demand	mtg with Jalal re impact of scoping memo ruling
Hayley Goodson	A24-07-020	EG Demand	review and react to Mike's proposed edits to TURN-01 in light of scoping ruling
Jalal Awan	A24-07-020	Core Demand	Review and analyze subsections on electrification modifiers; share w/ subgroup.
Jalal Awan	A24-07-020	EG Demand	Analyze and plot correlation of hydro vs. CA electric generation vs. temperature.
Hayley Goodson	A24-07-020	Procedural Issue	call with Mike re options for responding to scoping ruling
Hayley Goodson	A24-07-020	Procedural Issue	continue work developing new testimony providing alternative recs in light of scoping ruling
Michel Florio Consulting	A24-07-020	Procedural Issue	Discuss testimony & strategy w/ Hayley
Michel Florio Consulting	A24-07-020	Core Demand	Review Jalal's draft testimony
Michel Florio Consulting	A24-07-020	Supply	Edit testimony to reflect scoping
Michel Florio Consulting	A24-07-020	EG Demand	Edit testimony to reflect scoping
Hayley Goodson	A24-07-020	Core Demand	work with Jalal on final revisions to his testimony and attachments
Hayley Goodson	A24-07-020	Core Demand	review of all TURN testimony to ensure compliance with NDA and revisions to achieve same
Jalal Awan	A24-07-020	Core Demand	Analyze and evaluate regression vs. other common predictive modeling techniques for use in Introductory text.
Hayley Goodson	A24-07-020	Procedural Issue	incorporate Mike's suggested revisions to new testimony responding to scoping ruling
Michel Florio Consulting	A24-07-020	Procedural Issue	Work on TURN-03
Jalal Awan	A24-07-020	Core Demand	Analyze and collate work-papers and add plots used in testimony.
Hayley Goodson	A24-07-020	Procedural Issue	confer with Mike about responding to PG&E motion to strike TURN's testimony
Hayley Goodson	A24-07-020	Procedural Issue	review and revise Mike's draft response to PG&E motion to strike
Michel Florio Consulting	A24-07-020	Procedural Issue	Draft response to motion to strike
Michel Florio Consulting	A24-07-020	Supply	Initial review of PG&E rebuttal
Michel Florio Consulting	A24-07-020	EG Demand	Initial review of PG&E rebuttal
Michel Florio Consulting	A24-07-020	Supply	Review rebuttal & prep DRs
Michel Florio Consulting	A24-07-020	EG Demand	Review rebuttal & prep DRs
Michel Florio Consulting	A24-07-020	Core Demand	Rev rebuttal and JA's draft DR
Michel Florio Consulting	A24-07-020	Core Demand	Call W/ Jalal and finalize DR #14
Kevin Woodruff	A24-07-020	EG Demand	Reviewed Florio's final testimony to evaluate PG&E rebuttal
Kevin Woodruff	A24-07-020	EG Demand	Completed reviewing PG&E rebuttal testimony; provided client comments and suggestions.
Hayley Goodson	A24-07-020	Settlement	review sett-related proposals from Mike and Jalal and advise re same
Jalal Awan	A24-07-020	Settlement	Reviewed and analyzed core demand projections (2024-2030); drafted table with alternative recommendations for settlement.
Jalal Awan	A24-07-020	Settlement	Analyzed and compared Model 5 versus ensemble forecast approaches; drafted spreadsheet with reduction for settlement discussion.
Jalal Awan	A24-07-020	Settlement	Reviewed and evaluated settlement discussion framework; shared findings with Mike and Kevin on core demand methodology shortcomings in Marquette
Jalal Awan	A24-07-020	Settlement	Reviewed and analyzed Peak Day Supply Standard settlement discussion materials; prepared notes for internal team meeting.
Kevin Woodruff	A24-07-020	Settlement	Reviewed client's possible terms for settling case.
Michel Florio Consulting	A24-07-020	Settlement	Initial meet & confer w/ parties
Michel Florio Consulting	A24-07-020	Settlement	Emails w/ TURN team re: sett options
Jalal Awan	A24-07-020	Settlement	Analyzed and evaluated PG&E Peak Day Supply Standard settlement elements; prepared recommendation framework for core/non-core.
Hayley Goodson	A24-07-020	Settlement	mtg with Mike, Jalal to discuss settlement scenarios and strategy in advance of sett mtg with PG&E on 6/12
Michel Florio Consulting	A24-07-020	Settlement	Call with TURN team re: settlement
Michel Florio Consulting	A24-07-020	Settlement	Review and send emails re: settlement
Jalal Awan	A24-07-020	Core Demand	Analyze and evaluate PG&E's rebuttal-testimony workpapers.
Jalal Awan	A24-07-020	Core Demand	Reviewed and analyzed PG&E's Data Responses to TURN_014 Q001-004,006; evaluated peak day supply assumptions.
Jalal Awan	A24-07-020	Core Demand	Discussed and plotted data from PG&E's Data Responses to TURN_013; identified modeling discrepancies in climate and building electrification modifiers
Kevin Woodruff	A24-07-020	EG Demand	Reviewed and commented on PG&E responses to data requests.
Michel Florio Consulting	A24-07-020	Supply	Review PG&E DR responses
Michel Florio Consulting	A24-07-020	EG Demand	Review PG&E DR responses
Jalal Awan	A24-07-020	Core Demand	Review and analyze PG&E/Marquette DR 14 responses; share feedback w/ attorneys.
Hayley Goodson	A24-07-020	Settlement	call with M Florio and BF re status of litigation, settlement and guidance re settlement negotiations (BF dropped off early)
Kevin Woodruff	A24-07-020	EG Demand	Reviewed and commented on PG&E responses to data requests.
Robert Finkelstein	A24-07-020	Settlement	Call w/ M Florio and HGoodson re: potential for settlement, associated strategies
Michel Florio Consulting	A24-07-020	Settlement	Call with PG&E and email TURN team

A.24-07-020 (PGE Peak Day Supply Std) TURN Compensation Claim
Attorney Time Sheets

Staff	Case #	Final Code	Description
Michel Florio Consulting	A24-07-020	Settlement	Settlement strategy call w/ TURN team
Jalal Awan	A24-07-020	Settlement	Analyzed and refined core demand settlement numbers; updated objectively weighted ensemble forecast methodology.
Michel Florio Consulting	A24-07-020	Settlement	Calcs and email Jalal re: strategy
Jalal Awan	A24-07-020	Settlement	Reviewed and evaluated PG&E's Data Response to TURN 014 Q005; analyzed peak day supply calculation methodology.
Jalal Awan	A24-07-020	Settlement	Reviewed and discussed PG&E's PDSS settlement discussion framework; prepared counterproposal elements.
Michel Florio Consulting	A24-07-020	Settlement	Draft settlement proposal to PG&E
Robert Finkelstein	A24-07-020	Settlement	Draft e-mail memo to MFlorio and JAwan re: PG&E offer
Robert Finkelstein	A24-07-020	Settlement	Call w/ MFlorio and JAwan re: settlement strategies
Michel Florio Consulting	A24-07-020	Settlement	Settlement strategy call w/ TURN team
Michel Florio Consulting	A24-07-020	Settlement	Settlement call with PG&E
Michel Florio Consulting	A24-07-020	Settlement	Settlement call & research GSBA
Robert Finkelstein	A24-07-020	Settlement	Review draft term sheet, provide feedback to MFlorio
Michel Florio Consulting	A24-07-020	Settlement	Review & edit draft settlement doc
Jalal Awan	A24-07-020	Settlement	Peak Day Supply Standard refined settlement elements for core treatment.
Michel Florio Consulting	A24-07-020	Settlement	Final review of draft settlement
Michel Florio Consulting	A24-07-020	Settlement	Review & comment on draft motions
Hayley Goodson	A24-07-020	Settlement	provide additional edits to PG&E draft motion to admit exhibits and motion to approve settlement
Michel Florio Consulting	A24-07-020	Settlement	Final edits to motions
Hayley Goodson	A24-07-020	Procedural Issue	rsch, draft emails to Mike and PG&E re responding to ALJ ruling directing amendment to Joint Motion to Admit Exhibits
Hayley Goodson	A24-07-020	Procedural Issue	confer with Mike re response to ALJ ruling re motion to admit exhibits into evidence
Michel Florio Consulting	A24-07-020	Procedural Issue	Rev and comment on draft motion
Michel Florio Consulting	A24-07-020	Settlement	Review proposed decision
Michel Florio Consulting	A24-07-020	Comp	Summarize substantial contributions
Michel Florio Consulting	A24-07-020	Comp	Review hours and issue coding, describe contributions of all experts
Hayley Goodson	A24-07-020	Comp	incorporate Mike's contributions to comp request and continue preparing comp request
Substantial Total			
Comp Total			
Grand Total			

Revised March 2023

Attachment 3

TURN Hours Allocated by Issue

A.24-07-020 (PGE Peak Day Supply Std) TURN Compensation Claim
TURN Hours Allocated by Issue

			GP	EG Demand	Procedural Issue	Core Demand	Supply	Settlement	Substantive Hours	Substantive \$\$\$	Comp	Compensation (iComp)	Travel	Compensation (Travel)
	Billing Period	Hourly Rate										1/2 of hourly rate		1/2 of hourly rate
Hayley Goodson	2024	\$680	13.75	4.75	-	5.75	-	-	24.25	\$ 16,490.00	-	\$ -	-	\$ -
Hayley Goodson	2025	\$705	-	4.25	20.25	13.00	1.50	2.00	41.00	\$ 28,905.00	1.25	\$ 440.63	-	\$ -
Hayley Goodson	2026	\$730	-	-	0.75	-	-	-	0.75	\$ 547.50	4.50	\$ 1,642.50	-	\$ -
Jalal Awan	2024	\$325	6.50	67.50	-	39.00	-	-	113.00	\$ 36,725.00	-	\$ -	-	\$ -
Jalal Awan	2025	\$355	-	23.75	1.50	110.25	1.50	12.50	149.50	\$ 53,072.50	-	\$ -	-	\$ -
Kevin Woodruff	2024	\$275	1.25	18.00	-	-	-	-	19.25	\$ 5,293.75	-	\$ -	-	\$ -
Kevin Woodruff	2025	\$275	-	7.50	0.50	-	-	0.25	8.25	\$ 2,268.75	-	\$ -	-	\$ -
Michel Florio Consulting	2024	\$780	20.75	42.75	1.25	7.75	7.25	-	79.75	\$ 62,205.00	-	\$ -	-	\$ -
Michel Florio Consulting	2025	\$805	2.25	49.75	21.00	7.25	7.25	10.25	97.75	\$ 78,688.75	0.50	\$ 201.25	-	\$ -
Michel Florio Consulting	2026	\$830	-	-	0.50	-	-	0.25	0.75	\$ 622.50	4.50	\$ 1,867.50	-	\$ -
Reina Yanagiba	2025	\$125	-	-	0.25	-	-	-	0.25	\$ 31.25	-	\$ -	-	\$ -
Robert Finkelstein	2025	\$905	-	-	-	-	-	2.25	2.25	\$ 2,036.25	-	\$ -	-	\$ -
Thomas Long	2025	\$880	-	-	0.50	-	-	-	0.50	\$ 440.00	-	\$ -	-	\$ -
TOTAL			44.50	218.25	46.50	183.00	17.50	27.50	537.25	\$ 287,326.25	10.75	\$ 4,151.88	-	\$ -
TOTAL % HOURS ALLOCATED			8.28%	40.62%	8.66%	34.06%	3.26%	5.12%	100.00%					

Substantial Contribution	\$ 287,326.25
Intervenor iComp Compensation	\$ 4,151.88
Travel Time Compensation	\$ -
Expenses Compensation	\$ -
Grand Total	\$ 291,478.13

Revised March 2023

Attachment 4

Comparison of TURN's Positions and Settlement Outcomes

Attachment 4: Comparison Between PG&E's PDSS As-Filed, TURN's Recommendations in Ex. TURN-01 and Ex. TURN-02, the Settlement PDSS

		PG&E As-Filed - Winter (mmscfd)			TURN - Winter (mmscfd)			Settlement - Winter (mmscfd)		
		20274-25	2025-26	2026-27	20274-25	2025-26	2026-27	20274-25	2025-26	2026-27
Demand										
1	Core	2491	2491	2488	2392	2392	2387	2424	2425	2422
2	Industrial	509	512	516	509	512	516	509	512	516
3	Electric Generation	1186	1021	915	668	664	664	1100	950	850
4	Off-System and Shrinkage	123	123	123	123	123	123	123	123	123
5	Total Demand	4,309	4,147	4,042	3,692	3,691	3,690	4,156	4,010	3,911
Supply										
6	Total Combined North and South Supply	3,723	3,723	3,723	3,766	3,766	3,766	3,815	3,815	3,815
7	Withdrawal Needed to Meet Demand Only	586	424	319	(74)	(75)	(76)	341	195	96
8	Inventory Management and Reserve Capacity	550	550	550	550	550	550	550	550	550
9	Total Withdrawal Needed From PG&E Storage	1,136	974	869	476	475	474	891	745	646
10	Forecast PG&E Withdrawal Capacities	756	781	820	756	781	820	756	781	820
11	Capacity Surplus/Shortfall	(380)	(193)	(49)	280	306	346	(135)	36	174
Capacity Investment										
12	New/Replacement Wells At PG&E Facilities	38	98	98	38	98	98	38	98	98
13	New/Replacement Wells At PG&E Gill Ranch	-	4	8	-	4	8	-	4	8
14	Total Capacity Additions	38	102	106	38	102	106	38	102	106
15	Forecasted PG&E Storage Capacities After Investments	794	883	926	794	883	926	794	883	926
16	Surplus or Shortfall After Identified Investments	(342)	(91)	57	318	408	452	(97)	138	280

Values disputed by TURN and settled

Values impacted by the settled disputed values

Revised March 2023

Attachment 5

Support for Consultant Hourly Rates – Michel P. Florio: Retainer Agreement with hourly rate addenda for 2024, 2025, 2026; Invoices for 2024, 2025, 2026



785 Market Street, Suite 1400
San Francisco, CA 94103

415.399.8876 • www.turn.org

Mark Toney, Ph.D., Executive Director

March 11, 2021

Michel Peter Florio
7823 Crest Avenue
Oakland, CA 94605

Re: Agreement for Legal and Consulting Services

Dear Mr. Florio:

This letter is to confirm the terms of the agreement for legal and consulting services between The Utility Reform Network ("TURN") and Michel Peter Florio ("Consultant"), for work that Consultant performs at TURN's request in CPUC proceedings or other related matters.

Scope and Nature of Work

Working in conjunction with and under the direction of TURN's attorneys, Consultant will provide legal and consulting services on issues related to TURN's participation in designated CPUC proceedings or related matters, with the exact scope of services to be determined by mutual agreement between TURN and Consultant on a case-by-case basis. The services to be provided by Consultant include identification and analysis of issues, preparation of pleadings, preparation of data requests and analysis of data request responses, working with other TURN consultants, preparation and sponsorship of expert witness testimony, and cross examination of other parties' witnesses, the exact nature of services to be determined by mutual agreement between TURN and Consultant on a case-by-case basis.

Compensation and Billing

Consultant agrees to provide these services at an **hourly rate of \$695 in 2021 for work by Mr. Michel Peter Florio**, with the rate to be updated periodically through an addendum to this agreement. In addition, Consultant will bill at cost for reasonable costs of travel outside of the Bay Area.

Upon receipt of a monthly invoice from Consultant, TURN will pay \$300 per hour for services performed in that month, within 30 days. The remaining portion of the invoiced amount will be

Michel Peter Florio

March 11, 2021

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deferred pending the receipt of TURN's intervenor compensation from the Commission. When and if intervenor compensation is received, TURN will promptly remit payment to Consultant.

Consultant and TURN understand that the Commission may not fully reimburse TURN for work performed by Consultant or may not approve the requested hourly rate. In that event, TURN will reimburse Consultant for all of the deferred invoiced amounts **except for** the deferred portion of the amount disallowed by the Commission. The parties will confer in good faith to determine the correct deferred payment amount in the event of any ambiguity.

In addition, Consultant may from time to time perform work for TURN that is not expected to be eligible for recovery under the intervenor compensation program. Consultant shall be paid \$350 per hour for such work, on a monthly basis with no deferral.

Time Sheets

Consultant will submit, along with any invoice, detailed daily timesheets for work on behalf of TURN and a detailed accounting of any expenses in a format suitable for our compensation requests. Timesheets shall include the sufficient detail to identify the nature of the work and the nature of the issues addressed.

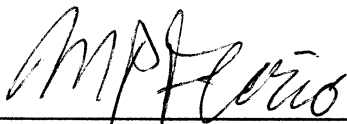
We are pleased to have you consulting for TURN on an ongoing basis. The signatures on this letter signify agreement to the terms set forth in this letter. The effective date of this agreement is January 1, 2021.

Very truly yours,

_____/s/_____

Thomas J. Long
Legal Director

Agreement to the terms described above:



Michel Peter Florio, Consultant

Subject: Memorialization of Addendum to Retainer Agreement - 2024 Billing Rate
From: Hayley Goodson <hayley@turn.org>
Date: 2/6/26, 11:40 AM
To: Mike Florio <mikeflorio@rocketmail.com>
CC: Richard Alan Perez <rap@turn.org>

Mike,

I'm writing to memorialize the ***oral addendum*** to our March 11, 2021, Agreement for Legal and Consulting Services, adjusting your billing rate for work performed at TURN's request in CPUC proceedings in 2024.

This written expression of our oral addendum is necessary to address the CPUC's January 22, 2026, request for "a copy of the contract(s) for Michel P. Florio that verifies the rate charged by this consultant to TURN for 2024 and 2025" for the purpose of determining the hourly rate to include in TURN's award of Intervenor Compensation. TURN already submitted copies of your invoices to TURN for work in 2024 and 2025 to verify your billing rates for those years and did not anticipate the CPUC's new request for a second source of written verification.

As you know, in early 2024 the U.S. Bureau of Labor Statistics published its update to Table 5 - Employment Cost Index (ECI) providing the percent change for the 12-months ended Dec. 2023 for the Occupational Group "Management, Professional, and Related, excluding Incentive Paid Occupations". This is the index that the Commission relies on pursuant to Resolution ALJ-393 to escalate Intervenor Compensation Hourly Rates. The percent change shown in Table 5 for this time period was 4.1%. Shortly after this update to ECI Table 5, you and I agreed that your 2023 hourly billing rate of \$750 would increase by this same escalation rate of 4.1% for work performed at TURN's request in CPUC proceedings in 2024, producing a 2024 hourly billing rate of \$780.

Thank you again for your work on behalf of TURN in 2024.

Hayley

--

Hayley Goodson
The Utility Reform Network (TURN)
360 Grand Avenue, #150
Oakland, CA 94610
(415) 929-8876 ext. 320
hayley@turn.org

Pronouns: she, her, hers

Subject: Memorialization of Addendum to Retainer Agreement - 2025 Billing Rate
From: Hayley Goodson <hayley@turn.org>
Date: 2/6/26, 11:40 AM
To: Mike Florio <mikeflorio@rocketmail.com>
CC: Richard Alan Perez <rap@turn.org>

Mike,

I'm writing to memorialize the ***oral addendum*** to our March 11, 2021, Agreement for Legal and Consulting Services, adjusting your billing rate for work performed at TURN's request in CPUC proceedings in 2025.

This written expression of our oral addendum is necessary to address the CPUC's January 22, 2026, request for "a copy of the contract(s) for Michel P. Florio that verifies the rate charged by this consultant to TURN for 2024 and 2025" for the purpose of determining the hourly rate to include in TURN's award of Intervenor Compensation. TURN already submitted copies of your invoices to TURN for work in 2024 and 2025 to verify your billing rates for those years and did not anticipate the CPUC's new request for a second source of written verification.

As you know, in early 2025 the U.S. Bureau of Labor Statistics published its update to Table 5 - Employment Cost Index (ECI) providing the percent change for the 12-months ended Dec. 2024 for the Occupational Group "Management, Professional, and Related, excluding Incentive Paid Occupations". This is the index that the Commission relies on pursuant to Resolution ALJ-393 to escalate Intervenor Compensation Hourly Rates. The percent change shown in Table 5 for this time period was 3.5%. Shortly after this update to ECI Table 5, you and I agreed that your 2024 hourly billing rate of \$780 would increase by this same escalation rate of 3.5% for work performed at TURN's request in CPUC proceedings in 2025, producing a 2025 hourly billing rate of \$805.

Thank you again for your work on behalf of TURN in 2025.

Hayley

--

Hayley Goodson
The Utility Reform Network (TURN)
360 Grand Avenue, #150
Oakland, CA 94610
(415) 929-8876 ext. 320
hayley@turn.org

Pronouns: she, her, hers

Subject: Re: Addendum to Retainer Agreement - 2026 Billing Rate
From: Mike Florio <mikeflorio@rocketmail.com>
Date: 2/11/26, 7:12 PM
To: Hayley Goodson <hayley@turn.org>
CC: Richard Alan Perez <rap@turn.org>

Thank you, Hayley— confirmed! I will re-issue my January invoice with the new rate, although only the deferred amounts will change. Best, Mike

Sent from my iPhone

On Feb 10, 2026, at 5:00 PM, Hayley Goodson <hayley@turn.org> wrote:

Hi, Mike.

The U.S. Bureau of Labor Statistics published its update to Table 5 - Employment Cost Index (ECI) providing the percent change for the 12-months ended Dec. 2025 for the Occupational Group "Management, Professional, and Related, excluding Incentive Paid Occupations". This is the index that the Commission relies on pursuant to Resolution ALJ-393 to escalate Intervenor Compensation Hourly Rates. The percent change shown in Table 5 for this time period was 3.3%.

TURN understands that you will accordingly increase your 2025 billing rate of \$805 by 3.3% for work performed at TURN's request in CPUC proceedings in 2026, producing a 2026 billing rate of \$830.

Please confirm your agreement with this Addendum to our March 11, 2021, Agreement for Legal and Consulting Services.

Thanks,

Hayley

--

Hayley Goodson
The Utility Reform Network (TURN)
360 Grand Avenue, #150
Oakland, CA 94610
(415) 929-8876 ext. 320
hayley@turn.org

Pronouns: she, her, hers



Michel Peter Florio
7823 Crest Avenue
Oakland, CA 94605
(415) 202-4071
MikeFlorio@Rocketmail.com

November 1, 2024

The Utility Reform Network
360 Grand Avenue, #350
Oakland, CA 94610

Invoice for Legal/Consulting Services, October 2024

PG&E Peak Day Supply (A.24-07-020) – 6.5 hours X \$780 = \$ 5,070

Total = \$ 5,070

DUE CURRENTLY

PG&E Peak Day Supply (A.24-07-020) – 6.5 hours X \$300 = \$ 1,950

Total Current Amount Due = \$ 1,950

Deferred Balances:

PG&E TY2023 GRC = \$ [REDACTED]
(A.21-06-021)

PG&E GT&S CARD = \$ [REDACTED]
(A.21-09-018 and Old PG&E GT&S)

Sempra CAP = \$ [REDACTED]
(A.22-09-015)

PG&E Gas Curtailment = \$ [REDACTED]
(A.24-05-004)

PG&E Peak Day Supply = \$ [REDACTED] + \$ [REDACTED] = \$ [REDACTED]
(A.24-07-020)

New Sempra CAP = \$ [REDACTED]
(no case # assigned yet)

Michel Peter Florio
7823 Crest Avenue
Oakland, CA 94605
(415) 202-4071
MikeFlorio@Rocketmail.com

May 1, 2025

The Utility Reform Network
360 Grand Avenue, #350
Oakland, CA 94610

Invoice for Legal/Consulting Services, April 2025

PG&E Peak Day Supply (A.24-07-020) – 34.25 hours X \$805	=	\$ 27,571.25
PG&E Gas Curtailment (A.24-05-004) -- 1.50 hours X \$805	=	<u>\$ 1,207.50</u>
Total	=	\$ 28,778.75

DUE CURRENTLY

PG&E Peak Day Supply (A.24-07-020) – 34.25 hours X \$300	=	\$ 10,275.00
PG&E Gas Curtailment (A.24-05-004) -- 1.50 hours X \$300	=	<u>\$ 450.00</u>
Total	=	\$ 10,725.00

Total Current Amount Due = \$ 10,725.00

Deferred Balances:

PG&E GT&S CARD = \$ [REDACTED] **DUE NOW**
(A.21-09-018 and Old PG&E GT&S)

PG&E Gas Curtailment = \$ [REDACTED] + \$757.50 = \$ [REDACTED]
(A.24-05-004)

PG&E Peak Day Supply = \$ [REDACTED] + \$ [REDACTED] = \$ [REDACTED]
(A.24-07-020)

New Sempra CAP = \$ [REDACTED]
(no case # assigned yet)

Michel Peter Florio
7823 Crest Avenue
Oakland, CA 94605
(415) 202-4071
MikeFlorio@Rocketmail.com

April 1, 2026

The Utility Reform Network
360 Grand Avenue, #350
Oakland, CA 94610

Invoice for Legal/Consulting Services, March 2026

PG&E 2027 GRC (A.25-05-009) – 0.75 hours X \$830	=	\$ 622.50
PG&E CARD (A.25-11-006) -- 6.00 hours X \$830	=	\$ 4,980.00
PG&E Peak Day (A.24-07-020) -- 0.5 hours X \$830	=	\$ 415.00
Sempra 2027 CAP (A.25-09-014) -- 34.75 hours X \$830	=	<u>\$ 28,842.50</u>
Total	=	\$ 34,860.00

DUE CURRENTLY

PG&E 2027 GRC (A.25-05-009) – 0.75 hours X \$300	=	\$ 225.00
PG&E CARD (A.25-11-006) -- 6.00 hours X \$300	=	\$ 1,800.00
PG&E Peak Day (A.24-07-020) -- 0.5 hours X \$300	=	\$ 150.00
Sempra 2027 CAP (A.25-09-014) -- 34.75 hours X \$300	=	<u>\$10,425.00</u>
Total Current Amount Due	=	\$12,600.00

Deferred Balances:

PG&E Gas Curtailment = \$ [REDACTED]
(A.24-05-004)

PG&E Peak Day Supply = \$ [REDACTED] + \$ [REDACTED] = \$ [REDACTED]
(A.24-07-020)

2027 Sempra CAP = \$ [REDACTED] + \$ [REDACTED] = \$ [REDACTED]
(A.25-09-014)

PG&E 2027 GRC = \$ [REDACTED] + \$ [REDACTED] = \$ [REDACTED]
(A.25-05-009)

PG&E CARD = \$ [REDACTED] + \$ [REDACTED] = \$ [REDACTED]
(A.25-11-006)

Revised March 2023

Attachment 6

Support for Consultant Hourly Rate – Kevin Woodruff: Retainer Agreement; Invoice for 2024
& 2025; Resume

ATTACHMENT 82

To Woodruff – TURN Letter Agreement of May 21, 2003

**PG&E GAS DEMAND FORECAST: PLEXOS MODELING
(Docket Number TBD)**

July 24, 2024

PURPOSE:

Woodruff will help TURN participate in the Commission's review of the PLEXOS modeling PG&E used to prepare an electric generation gas demand forecast that it will submit in an upcoming filing regarding its gas infrastructure.

SCOPE:

Woodruff will help TURN pursue the interests of residential electric ratepayers as the Commission considers PG&E's application by performing the following tasks:

- Review documents related to PG&E's electric generation gas demand forecast, particularly its PLEXOS modeling,
- Meet with TURN staff and other contractors to review such modeling and determine best approach for analyzing such modeling, and
- Provide other assistance to TURN to be mutually determined.

SCHEDULE:

Woodruff will begin his efforts as early as July 25, 2024. Woodruff anticipates concluding the bulk of his efforts by mid-August 2024.

PERSONNEL:

Mr. Kevin Woodruff anticipates performing the services on this project.

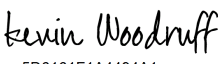
FEES:

TURN will pay Mr. Woodruff for his efforts at an hourly rate of \$275/hour plus Woodruff’s direct expenses of providing services. Woodruff will also bill TURN for each trip of less than 120 miles he takes on behalf of TURN at the rate of one billable hour per round trip (“trip fee”); TURN and Woodruff do not expect the Commission to compensate TURN for such costs.

Woodruff will submit an invoice to TURN each month for the full amount of time, travel and expenses incurred on this project. Within 30 days of its receipt of Woodruff’s invoice, TURN will pay Woodruff the full amount of the invoice.

Based on TURN’s direction, Woodruff’s invoices will include timesheets for each project in sufficient detail to justify intervenor compensation.

AGREED TO BY:

	Woodruff	TURN
Signature:	Signed by:  5D6161F1A4484A1...	DocuSigned by:  208D4FD8E92B4F5...
Name:	Kevin Woodruff	Richard Perez
Date:	7/25/2024	7/25/2024



Woodruff Expert Services

c/o Kevin Woodruff
2741 Coleman Way
Sacramento, CA 95818
Voice 916-747-1295 (cell)
kevin.d.woodruff@gmail.com

February 5, 2025

Mr. Bob Finkelstein
The Utility Reform Network
360 Grand Avenue, # 150
Oakland, CA 94610

INVOICE 25-01-01 (Job 243)

TURN PROCEEDING NUMBER R.24-07-020 (PG&E Peak Day Gas)

DETAIL REGARDING 'DECEMBER 2024 & JANUARY 2025' CHARGES:

Professional Services: ¹		
- 2.0 hours	@ \$275.00 / hour	\$ 550.00
- 0 trip < 120 miles ²	@ \$275.00 / trip	- 0 -
Subtotal		\$ 550.00
Expenses: ³		- 0 -
Total:		\$ 550.00
Past Due Current Charges:		875.00
Current Charges Due in 30 Days: ⁴		\$ 1,425.00
Deferred Charges Contingent Upon CPUC Action: ⁵		- 0 -

¹ See "24-Dec..." and "25-Jan-Woodruff Daily Time Reports.xlsx, TURN 243" for daily activities.

² Per October 29, 2013 email from Tom Long, Woodruff will bill travel for trips of less than 120 miles on a "one billable hour per trip" basis, which is currently \$275. *This charge is not compensable under current CPUC policies.*

³ Per January 16, 2019 email exchange with Hayley Goodson, Woodruff will only bill travel expenses for trips to the San Francisco Bay Area when such trips require more than one night's lodging. Woodruff will continue to bill travel expenses for trips outside the Bay Area or Sacramento.

⁴ Current Charges computed at billable rate of \$275 / hour plus travel charges and all expenses.

⁵ No Deferred Charges for this project .

WOODRUFF INVOICE 25-01-01 (Job 243)

DESCRIPTION:

Authorities:	1) 'Letter Agreement to Provide Consulting Services,' dated May 22, 2003, executed by TURN and Woodruff Expert Services on May 22 and June 2, 2003, respectively; 2) Attachment 82 to Letter Agreement, dated July 25, 2024, related to Woodruff's involvement in the Commission's review of PG&E's Peak Day Supply Standard application (A.24-07-020); 3) Ongoing communications with TURN via phone and e-mail during scoping and performance of work.
Billing Period:	December 2024 & January 2025
Work Description:	Reviewed PG&E responses to data requests; commented to client. See "24-Dec..." and "25-Jan Woodruff Daily Time Reports.xlsx, TURN 243" for daily descriptions.
Woodruff Job Number:	243 (PG&E Peak Day Gas)
Invoice Number:	25-01-01
Due:	Current Charges due in 30 days.

WOODRUFF INVOICE 25-01-01 (Job 243)

SUMMARY OF 'CURRENT' AND 'DEFERRED' CHARGES:

Current Charges:	Total Due in 30 Days:	\$ 1,425.00
	Dec. 2024 & Jan. 2025:	550.00
	Outstanding from All Prior Months:	875.00
Deferred Charges:	Total Contingent upon CPUC Action:	NA
	Dec. 2024 & Jan. 2025:	NA
	Outstanding from All Prior Months:	NA

DETAILS REGARDING 'OUTSTANDING' CHARGES:

Current Charges:	Outstanding through Nov. 2, 2024:	\$ 875.00
	Payments Received by Jan. 31, 2025:	- 0 -
	Total:	875.00
Deferred Charges:	Outstanding through Nov. 2, 2024:	NA
	Payments Received by Jan. 31, 2025:	NA
	Total:	NA

Please prepare a check to Woodruff Expert Services for the 'Current Charges, Total Due in 30 Days' shown in bold text on page 1 and mail to the above address.

Thank you.

Sincerely,

Kevin Woodruff
Principal

RESUME

Kevin Woodruff

Principal, Woodruff Expert Services

EXPERIENCE

WOODRUFF EXPERT SERVICES 1127 – 11 th Street, Suite 514 Sacramento, California 95814 916-442-4877 (voice) 916-442-2029 (fax) kdw@woodruff-expert-services.com November 2002 –	PRINCIPAL Analyze complex policy and business issues faced by electric utilities, generators, customers, and other industry players. Communicate to clients analytic findings and corollary recommendations for action. Help clients communicate findings and recommendations to other parties, including preparing expert testimony for and supporting litigation efforts.
HENWOOD ENERGY SERVICES, INC. (aka Ventyx and acquired by ABB May 2010, previously aka Global Energy Decisions) April 1988 – November 2002	PRINCIPAL CONSULTANT (as of July 1992) Helped manage Henwood's transition into leading supplier of electric power system and market analytic software by managing complex software development and implementation projects and managing the development, marketing, and sales of software products. Helped develop Henwood's power market analysis consulting practice into national leader by managing individual projects, managing and developing other staff to provide such services, identifying and developing new and enhanced services, and marketing and selling services to new and existing clients. Provided variety of consulting services to clients with interests in energy utility industry, including preparing expert testimony and supporting litigation efforts, analyzing, modeling, and forecasting operations of power systems, power markets, and individual generating units, forecasting utility and project revenues, costs, and rates, and analyzing and consummating business transactions.
CALIFORNIA STATE UNIV, SACRAMENTO September 1994 – May 1995 (part-time)	LECTURER IN MANAGEMENT Taught upper division courses in Finance.
SIERRA ENERGY AND RISK ASSESSMENT May 1986 – April 1988 November 1985 – May 1986 (part-time)	STAFF CONSULTANT Provided clients analysis of gas and electricity project economics and utility revenues, costs, and rates.
PRIOR EXPERIENCE	Five years with private legislative reporting firm; California state economic development, regulatory, and tax agencies and Legislature; and labor organization.

EDUCATION

A.B., Economics, University of California, Berkeley, 1976
M.B.A, California State University, Sacramento, 1990

ADDENDUM 1

to Resume of Kevin Woodruff

EXPERIENCE WITH WOODRUFF EXPERT SERVICES

CLIENT	PROJECTS
THE UTILITY REFORM NETWORK 785 Market Street, Suite 1400 San Francisco, CA 94103 415-929-8876 Mr. Bob Finkelstein, Legal Director Mr. Matt Freedman, Staff Attorney	ANALYZE ELECTRIC RESOURCE PLANNING AND ADEQUACY POLICIES. May 03 – present. Review, analyze, comment and testify on California electric resource planning issues, including Resource Adequacy policies, identification of resource needs, integration of renewable resources and transmission planning. (Current dockets are Rulemaking (R.) 16-02-007 and R.17-09-020.) MONITOR CALIFORNIA IOUs’ SHORT- AND MID-TERM ELECTRIC PROCUREMENT. Aug 03 – present. Review, analyze, and comment on California IOUs’ short- and mid-term electric power procurement and related activities by participating in their confidential Procurement Review Groups. ANALYZE IOUs’ PROPOSALS TO DEVELOP OR ACQUIRE POWER PLANTS. Sep 03 – present. Review, analyze, comment, and testify on California Investor-Owned Utilities’ (IOUs’) various plans to purchase output from and/or take ownership of specific power plants, including conventional (thermal), renewable, storage and distributed projects. ANALYZING COSTS OF REPLACING ENERGY DUE TO RETIREMENT OF SAN ONOFRE NUCLEAR GENERATING STATION. Dec 12 – present. Estimating impacts of premature SONGS retirement on wholesale power supply costs of Southern California Edison and San Diego Gas & Electric Companies. (Investigation (I.) 12-10-013.) ANALYZING CAISO PROPOSALS TO ADD PACIFICORP AS A PARTICIPATING TRANSMISSION OWNER. Oct 15 – present. Analyzing proposals of California Independent System Operator to add PacifiCorp as a Participating Transmission Owner. ANALYZING COST-EFFECTIVENESS OF RETIRING DIABLO CANYON NUCLEAR POWER PLANT. Sep 16 – present. Evaluating cost-effectiveness of retiring Diablo Canyon and other aspects of joint proposal by Pacific Gas and Electric Company and other parties. (Application (A.) 16-08-006.) ANALYZING ALLOCATION TO NON-IOU ENERGY CUSTOMERS OF COSTS IOUs INCURRED TO MEET STATE PROGRAMS. Jul 17 – present. Analyzing policies regarding allocation of above-market costs of past IOU investments to customers receiving energy from certain third parties. (I.17-06-026.) ANALYZING PACIFICORP’S ENVIRONMENTAL LAW COMPLIANCE AND COST ALLOCATION. Aug 17 – present. Analyzing PacifiCorp’s compliance with California environmental laws and methods for allocating costs of service

CLIENT	PROJECTS
	among states. (I.17-04-019.)
OFFICE OF THE ARKANSAS ATTORNEY GENERAL, CONSUMER UTILITIES RATE ADVOCACY DIVISION 323 Center Street, Suite 200 Little Rock, AR 72201 501-682-1321 Ms. Sarah Tacker, Senior Assistant Attorney General Mr. M. Shawn McMurray, Assistant Attorney General	ANALYZING EMPIRE DISTRICT ELECTRIC'S PROPOSED COAL PLANT RETIREMENT AND WIND GENERATION PURCHASES. Nov 17 – present. Analyzing application of Empire District Electric Company for approval of proposal to retire Asbury coal plant and purchase wind generation. (APSC Docket No. 17-061-U) ANALYZING EAI SOLAR POWER PURCHASE PROPOSAL. Nov 17 – present. Analyzing reasonableness of Power Purchase Agreement for solar energy signed by Entergy Arkansas, Inc. (APSC Docket No. 17-041-U) ANALYZING SWEPCO'S PROPOSED WIND CATCHER GENERATION PLANT. Sep 17 – present. Analyzing application of Southwestern Electric Power Company to purchase Wind Catcher generation plant and related generation interconnection. (APSC Docket No. 17-038-U) ANALYZING OG&E'S MUSTANG PLANT MODERNIZATION PLAN. Sep 17 – present. Analyzing application of Oklahoma Gas & Electric Company for approval of its Mustang Plant Modernization Plan. (APSC Docket No. 17-030-U) ANALYZING ENTERGY'S ANALYSIS OF BENEFITS OF JOINING MISO. Mar 17 – Nov 17. Analyzed reports of EAI regarding benefits of its membership in Midcontinent Independent System Operator. (APSC Docket No. 10-011-U) ANALYZED UTILITY-PROPOSED SOLAR POWER PURCHASE AGREEMENT. May 15 – Aug 15. Analyzed reasonableness of Power Purchase Agreement for solar energy signed by EAI. (APSC Docket No. 15-014-U) ANALYZED UTILITY-PROPOSED PURCHASE OF PORTION OF GAS-FIRED POWER PLANT. Mar 15 – Sep 15. Analyzed reasonableness of EAI purchase of Union Power Plant Power Block 2. (APSC Docket No. 14-118-U) ANALYZED UTILITY PROPOSAL FOR SHARING OFF-SYSTEM SALES REVENUES BETWEEN CUSTOMERS AND SHAREHOLDERS. Oct 14. Analyzed SWEPCO's proposal regarding the allocation of Off-System Sales revenues between customers and shareholders. (APSC Docket No. 14-022-TF) ANALYZED COMPUTATION OF ARKANSAS STATE CARBON REDUCTION GOALS IN EPA'S CLEAN POWER PLAN. Aug 14. Analyzed the computation of Arkansas carbon reduction goals in EPA's proposed Clean Power Plan. ANALYZED UTILITY PROPOSAL TO ALLOCATE "WHOLESALE BASELOAD" RESOURCES TO CUSTOMERS. Jul 12 – Apr 13.

CLIENT	PROJECTS
ARKANSAS ATTORNEY GENERAL (continued)	Analyzed EAI proposal to allocate certain nuclear and coal resources now allocated to EAI’s wholesale portfolio back to EAI jurisdictional customers. (APSC Docket No. 12-038-U) ANALYZED PROPOSAL TO INSTALL ENVIRONMENTAL CONTROLS ON COAL POWER PLANT. Mar 12 – Jul 13. Analyzed proposal of SWEPCO and other owner to install environmental controls at the coal-fired Flint Creek Power Plant. (APSC Docket No. 12-008-U) ANALYZED ENTERGY ARKANSAS, INC. FUTURE SYSTEM PLANNING AND OPERATION OPTIONS. Jun 10 – Jan 13. Analyzing alternatives for EAI to plan and operate its electric generation and transmission systems upon its withdrawal from the Entergy System Agreement. (APSC Docket No. 10-011-U) ANALYZED TRANSMISSION PLANNING ISSUES. Feb 09 – Aug 09. Analyzed proposals to restructure Entergy’s transmission planning processes. (APSC Docket No. 08-136-U) ANALYZED TRANSMISSION COST RECOVERY ISSUES. Mar 10 – Apr 10. Analyzed utility proposals to expedite recovery of transmission and related costs. (APSC Docket Nos. 09-074-U and 09-084-U) ANALYZED PROPOSAL TO INSTALL ENVIRONMENTAL CONTROLS ON COAL POWER PLANT. Mar 09 – Dec 09. Analyzed proposal of EAI and other owners to install scrubbers and low NOx burners at the coal-fired White Bluff Steam Electric Station. (APSC Docket No. 09-024-U) ANALYZED UTILITY PROPOSAL TO PURCHASE POWER PLANT. Nov 07 – Jun 08. Analyzed EAI proposal to purchase Ouachita (combined cycle power) Plant and related wholesale resale, cost allocation and ratemaking issues. (APSC Docket No. 06-152-U)
TEXAS OFFICE OF PUBLIC UTILITY COUNSEL 1701 N. Congress Ave., Suite 9-180 Austin, TX 78711-2397 512-936-7500 Ms. Sara Ferris, Senior Assistant Public Counsel	ANALYZING REASONABLENESS OF SWEPCO INVESTMENTS IN SOLID-FUEL PLANTS. Jan 17 – Nov 17. (Docket No. 46449) Analyzing and testifying as to reasonableness of investments Southwestern Electric Power Company made in four solid-fuel generating plants to meet environmental requirements. ANALYZED REASONABLENESS OF EL PASO ELECTRIC COMPANY POWER PURCHASES. Feb 05 – Mar 06. (Docket No. 30143) Reviewed and filed testimony regarding reasonableness of three contracts signed by El Paso Electric Company in 2001 for delivery of power in 2002.
ATTORNEY GENERAL OF WASHINGTON, PUBLIC COUNSEL SECTION 800 5th Street, Suite 2000 Seattle, WA 98104-3188 206-389-3055	ANALYZED UTILITY CONTRACT FOR PURCHASE OF “COAL TRANSITION POWER”. Sep 12 – Mar 13. Analyzed Puget Sound Energy proposal for “Coal Transition Power Purchase Agreement” for output of TransAlta’s Centralia coal plant. (WUTC Docket No. 121373)

CLIENT	PROJECTS
Mr. Simon J. ffitich, Senior Assistant Attorney General, Section Chief (retired)	ANALYZED UTILITY POWER SUPPLY COST FORECAST AND PROPOSED POWER CONTRACT. Feb 09 – Dec 09. Analyzed proposal of Avista to assign to Avista Utilities a PPA and related contracts related to the Lancaster (combined cycle) Generating Facility and other aspects of Avista’s forecast of its 2010 power supply costs. (WUTC Docket No. 090134)
DIVISION OF RATEPAYER ADVOCATES of the CALIFORNIA PUBLIC UTILITIES COMMISSION 505 Van Ness Avenue San Francisco, CA 94102 415-703-1418 Mr. Scott Logan, Regulatory Analyst	ANALYZED COST-EFFECTIVENESS OF PROPOSED TRANSMISSION LINES. Dec 06 – Jan 09. Led team of consultants analyzing cost-effectiveness of San Diego Gas & Electric Company’s proposed Sunrise Powerlink transmission line. Aug 05 – Jan 07. Led team of consultants analyzing cost-effectiveness of Southern California Edison’s proposed Devers–Palo Verde No. 2 Transmission Line Project (DPV2).
MAINE PUBLIC ADVOCATE OFFICE 112 State House Station Augusta, ME 04333-0112 207-287-2445 Ms. Agnes Gormley, Senior Counsel	ANALYZED PROPOSED TRANSMISSION LINE. Aug 10 – Sep 10. Performed review of feasibility and cost-effectiveness of Algonquin Power Corporation’s proposed Northern Maine Interconnect.
MAINE PUBLIC UTILITIES COMMISSION 242 State Street, State House Station 18 Augusta, ME 04333 207-287-1394 Mr. Chuck Cohen, Hearing Examiner	ANALYZED COST-EFFECTIVENESS OF PROPOSED TRANSMISSION LINE. Oct 08 – Jan 09. Initiated analysis of cost-effectiveness of Maine Public Service and Central Maine Power Company’s proposed Maine Power Connection.
NEVADA OFFICE OF THE ATTORNEY GENERAL, BUREAU OF CONSUMER PROTECTION 555 E. Washington Avenue, Suite 3900 Las Vegas, NV 89101 702-486-3129 Mr. Eric Witkoski, Chief Deputy Attorney General	ANALYZED COST-EFFECTIVENESS OF PROPOSED GENERATION AND TRANSMISSION RESOURCES. Jun 07 – Sep 07 and Jul 08 – Aug 08. Reviewed and analyzed resource plans and amendments filed by the Nevada Power Company and Sierra Pacific Power Company. Jun 06 – Nov 06. Led team of consultants analyzing proposals to build significant new generation and transmission resources made by the Nevada Power Company and Sierra Pacific Power Company in their 2006 Integrated Resource Plan filings.
UTILITY CONSUMERS’ ACTION NETWORK 3100 5th Ave., Suite B San Diego, CA 92103 619-696-6966 Mr. Michael Shames, Executive Director (former)	ANALYZED SAN DIEGO GAS & ELECTRIC PROPOSAL TO DEVELOP NEW POWER PLANTS. Sep 03 – Sep 06. Reviewed, analyzed, and testified on SDG&E’s plan to purchase Palomar power plant, contract for power from Otay Mesa power plant, and make other transactions. (<i>Joint effort with TURN.</i>)

CLIENT	PROJECTS
PASADENA WATER AND POWER 150 S. Los Robles Ave., Suite 200 Pasadena, CA 91101 Contact Woodruff for reference.	ESTIMATED HISTORIC GAS COSTS. Apr – May 03. Reviewed, analyzed, and provided testimony to Federal Energy Regulatory Commission regarding the gas costs facing Pasadena Water and Power during the period from October 2000 to June 2001.
NORTHERN CALIFORNIA POWER AGENCY 180 Cirby Way Roseville, CA 95678 916-781-3636 Mr. Thomas S.W. Lee, Mgr, Portfolio Planning	CONFIDENTIAL PROJECT. Feb – Apr 03.
AVONDALE GLEN ELDER NEIGHBORHOOD ASSOCIATION (c/o LEGAL SERVICES OF NORTHERN CALIFORNIA) 515 – 12th Street Sacramento, CA 95814 916-551-2150 Mr. Stephen Goldberg, Attorney	ANALYZED NEED FOR PROPOSED GAS STORAGE PROJECT. Dec 10 – Jan 11. Reviewed, analyzed and testified on need for proposed Sacramento Natural Gas Storage Project.

12/17