Decision _____

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

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Order Instituting Rulemaking to Integrate And Refine Procurement Policies and Consider Long Term Procurement Plans	Rulemaking 10-05-006 (Filed May 6, 2010)

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

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Claimant: The Utility Reform Network			**For contribution to Decisions 10-12-034, 11-05-005, 12-01-033, 12-04-046 and Resolution E-4471.**
Claimed ($): $294,784.45			**Awarded ($):**
Assigned Commissioner: Peevey			**Assigned ALJ:**
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:	**6-25-12**	**Printed Name:**	**Matthew Freedman**

PART I: PROCEDURAL ISSUES (to be completed by Claimant except where indicated)

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A. Brief Description of Decision:	The Decisions were issued in a multi-track proceeding addressing a wide array of issues relating to long-term procurement policies, practices and procedures. The specific decisions are as follows: **D.10-12-034** Provides authorization for the three major Investor Owned Utilities (IOUs) to engage in Convergence Bidding (or "virtual bidding") subject to specific guidance and restrictions.

	D.11-05-005 Implements changes to the Cost Allocation Mechanism (CAM) required as a result of statutory changes from the enactment of SB 695. **D.12-01-033** Approves the Track 2 bundled procurement plans of the three IOUs with several specific changes. **D.12-04-046** Addresses long-term resource need. Approves the Track 1 settlement agreement reached by a wide array of parties, rejects Calpine's Track 1 proposal for an intermediate-term solicitation, and addresses an array of Track 3 procurement policies, processes and rules. **Resolution E-4471** Directs the three IOUs to enter into negotiations with Calpine with the purpose of contracting for the output of the Sutter facility.

B. **Claimant must satisfy intervenor compensation requirements set forth in Public Utilities Code §§ 1801-1812:**

	Claimant	CPUC Verified
Timely filing of notice of intent to claim compensation (NOI) (§ 1804(a)):		
4	1. Date of Prehearing Conference:	June 14, 2010	
	2. Other Specified Date for NOI:	August 13, 2010 See Comment #1	
	3. Date NOI Filed:	August 13, 2010	
	4. Was the NOI timely filed?		
Showing of customer or customer-related status (§ 1802(b)):		
5	5. Based on ALJ ruling issued in proceeding number:	See Comment #2	
	6. Date of ALJ ruling:	See Comment #2	
	7. Based on another CPUC determination (specify):	See Comment #2	
	8. Has the Claimant demonstrated customer or customer-related status?		
Showing of "significant financial hardship" (§ 1802(g)):		
6	9. Based on ALJ ruling issued in proceeding number:	See Comment #2	

10. Date of ALJ ruling:		See Comment #2	
11. Based on another CPUC determination (specify):		See Comment #2	
12. Has the Claimant demonstrated significant financial hardship?			
Timely request for compensation (§ 1804(c)):			
13. Identify Final Decision:		D.12-04-046	
14. Date of Issuance of Final Order or Decision:		April 24, 2012	
15. File date of compensation request:		June 25, 2012	
16. Was the request for compensation timely?			

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

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#	Claimant	CPUC	Comment
1			A ruling issued by ALJ Kowalski on June 22, 2010 extended the date for filing of notices of intent to August 13, 2010. TURN's notice was therefore timely.
2			Although TURN filed a timely NOI in this proceeding, the assigned ALJ never issued a ruling on the notice of intent. TURN's showing on financial hardship and customer status was contained in that NOI. TURN has previously been found to satisfy these two standards -- for example see ALJ ruling on January 3, 2012 in R.11-11-008.

PART II: SUBSTANTIAL CONTRIBUTION (to be completed by Claimant except where indicated)

A. **In the fields below, describe in a concise manner Claimant's contribution to the final decision (*see* § 1802(i), § 1803(a) & D.98-04-059). (For each contribution, support with specific reference to the record.)**

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Contribution	Specific References to Claimant's Presentations and to Decision	Showing Accepted by CPUC
1. CONVERGENCE BIDDING / **ALLOWING IOU PARTICIPATION** TURN urged the Commission to allow the IOUs to participate in the virtual bidding (or convergence) markets established by the CAISO to ensure that IOU ratepayers are not disadvantaged by the activities of other market participants.	D.10-12-034 The Decision grants IOUs authority to participate in convergence bidding on an interim basis and finds that not providing this authority would "would prevent them [IOUs] from achieving potential benefits for ratepayers." (page 12)	

Comments of TURN on virtual bidding issues, July 30, 2010. Comments of TURN on Virtual Bidding Proposals, August 30, 2010		
2. **CONVERGENCE BIDDING / AUTHORIZING SPECIFIC STRATEGIES** TURN urged the Commission to grant the IOUs "broad authority to engage in [Virtual Bidding] on behalf of their customers, subject to careful oversight by the Energy Division and the Procurement Review Groups." TURN urged the Commission to allow "each IOU to pursue the VB activities it considers appropriate for its situation". TURN urged the Commission to allow strategies designed to minimize physical exposure to real-time prices (page 3) Comments of TURN on Virtual Bidding Proposals, August 30, 2010	D.10-12-034 The Decision authorizes the IOUs to use convergence bidding "to manage Real-Time price exposure" (page 23), "to hedge all their intermittent generation forecasted schedules" (page 24) and "to provide defensive bidding" intended to mitigate the negative impacts of market manipulation (page 27).	
3. **CONVERGENCE BIDDING / SHAREHOLDER INCENTIVES** TURN opposed any "risk sharing" by utility shareholders and expressed concern that such a mechanism would "create a perverse incentive for the utilities to seek shareholder profit from their virtual bidding activities, even at the expense of higher ratepayer cost in other aspects of their procurement." Comments of TURN on virtual bidding issues, July 30, 2010. Comments of TURN on Virtual Bidding Proposals, August 30, 2010	D.10-12-034 The Decision finds that "ratepayers shall receive all of the benefits and pay all of the costs" of convergence bidding and that "no party has provided a compelling rationale for allocating benefits or risks to shareholders." (pages 29-30)	
4. **SB 695 / COST ALLOCATION MECHANISM** TURN asserted that Section 365.1(c)(2), enacted as part of SB 695, requires that the Cost Allocation Mechanism be applied if the conditions set forth in the statute are satisfied. Specifically, if the generation is	D.11-05-005 The Decision agrees with TURN's position. Specifically, the Decision states that "As TURN describes it, "SB 695 removes the right [for the utility] to elect or *not elect* CAM treatment for a resource that meets the condition of the statutes…," and that	

procured to meet a system or local area reliability need determined by the Commission, the CAM is mandatory. Comments of TURN on Implementation of SB 695, October 1, 2010, pages 2-4, 5-7 Reply comments of TURN on Implementation of SB 695, October 8, 2010, pages 1-3	"either the Commission finds that the statutory conditions have been met and the cost-and-benefit allocation applies, or it doesn't." In short, there is no longer an election or choice whether to apply the CAM. If the statutorily-specified conditions are met, then the CAM applies. Those conditions require that the Commission make a determination that the generation resources in question "are needed to meet system or local area reliability needs for the benefit of all customers in the electrical corporation's distribution service territory."" (pages 6-7)	
5. SB 695 / COST ALLOCATION MECHANISM TURN argued that the reference to "all customers" in SB 695 includes bundled service customers, direct access customers, and Community Choice Aggregation customers. TURN also asserted that the Commission has discretion to determine the application to departing load customers that have been identified in past Commission decisions including D.08-09-012. Comments of TURN on Implementation of SB 695, October 1, 2010, page 5.	D.11-05-005 The Decision agrees that the Commission retains the discretion to determine whether to apply the CAM to various categories of departing load. The Decision states "we agree with PG&E/SDG&E, SCE and TURN that SB 695 provides clear guidance on bundled service, direct access and community choice aggregation customers' cost responsibility." (page 8)	
6. SB 695 / COST ALLOCATION MECHANISM TURN argued that SB 695 does not limit the Commission from authorizing CAM treatment for Utility Owned Generation, that such treatment can be granted in the absence of a "direct order" and should be applied if the Commission authorizes a utility to procure a certain amount of generating capacity to meet system or local area reliability needs. Comments of TURN on Implementation of SB 695, October 1, 2010, pages 5-6	D.11-05-005 The Decision agrees with TURN's position. Specifically, the Decision concludes that "CAM treatment of utility-owned generation resources is permissible under SB 695 if the statutory conditions are met. If the Commission determines that a utility-owned generation resource is needed for system or local area reliability for the benefit of all customers in a utility distribution service territory, then cost allocation applies on a nonbypassable basis, consistent with our departing load provisions established in D.08-09-012." (page 10) The Decision also adopts TURN's position by finding that "if a Commission order authorizes the procurement of utility-	

	owned generation, that counts as an "order" under SB 695, regardless of whether the Commission or the utility was the first to come up with the idea." (pages 9-10)	
7. SB 695 / COST ALLOCATION MECHANISM TURN argued that the passage of SB 695 requires that the CAM should be modified to cover the allocation of net capacity costs of contracts with third parties over the full term of the agreements. Comments of TURN on Implementation of SB 695, October 1, 2010, page 4	D.11-05-005 The Decision adopts TURN's position. Specifically, the Decision states that "SB 695 requires us to allocate a contract's net capacity cost for the full term of the contract if we determine that the contract meets the necessary statutory conditions. Our prior ten-year limit on cost allocation is inconsistent with the clear language of the statute. Accordingly, the CAM now applies for the actual term of the contract, even if that contract term is longer than ten years." (page 15)	
8. TRACK 2 / BIOMETHANE TURN opposed PG&E's request for pre-approval of contracts for pipeline biomethane that could be credited towards Renewable Portfolio Standard compliance obligations. TURN expressed strong concerns about resource eligibility and the application of these transactions towards RPS targets. TURN further urged the Commission to require PG&E to submit advice letters for any individual biomethane contracts so they can be reviewed separately. Opening brief of TURN on Renewable Procurement and Gas Supply Plan (Public), June 17, 2011, pages 1-5.	D.12-01-033 The Decision rejects PG&E's request for pre-approval and declines to "find that procurement of biomethane for use in electric generation is eligible for RPS compliance." The Decision further declines "to pre-authorize payment of a premium for biomethane over conventional gas" and directs PG&E to file separate Tier 3 advice letters for any biomethane contract that is priced above conventional natural gas. (page 33)	
9. TRACK 2 / NUCLEAR FUEL TURN opposed PG&E's proposal to allow nuclear fuel contracts containing significantly higher liability exposure for PG&E and its ratepayers to be considered through an expedited advice letter process. TURN argued that the increased risks are too controversial, raise too many critical policy questions, and should be addressed via an application process.	D.12-01-033 The Decision rejects PG&E's proposal and agrees with TURN. The Decision holds that "any contract that seeks to impose additional liability on PG&E would require Commission approval, but by means of an application, rather than an advice letter." (pages 35-36)	

Opening brief of TURN on Renewable Procurement and Gas Supply Plan (Confidential), June 17, 2011, pages 2-4.		
10. TRACK 2 / SHORT-TERM RENEWABLE ENERGY CONTRACTS TURN opposed SCE's request for pre-approval of authority to execute short-term renewable energy contracts for up to 3,750 GWh. TURN explained that SCE has not demonstrated the need for short-term procurement to satisfy RPS targets, that the procurement could result in excess compliance that could not be carried over to a subsequent compliance period, and that SCE's proposal would leave no meaningful opportunity for ratepayers to challenge unreasonable procurement choices. Opening brief of TURN on Renewable Procurement and Gas Supply Plan (Public), June 17, 2011, pages 5-8.	D.12-01-033 The Decision rejects SCE's request and agrees that the compliance issues raised by TURN should be addressed in the RPS rulemaking. (pages 39-40)	
11. TRACK 1 / SETTLEMENT OF RENEWABLE INTEGRATION NEED ISSUES TURN devoted a large number of hours to participating in workshops convened by the CPUC and CAISO on renewable integration, reviewing many updates to these models, and filing several sets of comments on this issue. The comments identified serious concerns with the PG&E and CAISO modeling methodologies. In particular TURN identified deficiencies associated with the "all-gas" scenario in the CAISO model, thereby highlighting fundamental problems with all the scenarios being studied. TURN subsequently helped to negotiate, and was a signatory to, the Track 1 settlement agreement. The settling parties agreed that there is no demonstrated need to add conventional generating capacity for renewable integration purposes through 2020. The Settling Parties also	D.12-04-046 The Decision adopts the Track 1 settlement, finds that "there is clear evidence on the record that additional generation is not needed by 2020" (page 8), and agrees that "it is reasonable to defer authorization to procure additional generation based on system and renewable integration need." (page 10) The Decision also agrees with TURN that the supplemental materials submitted by the CAISO are outside the evidentiary record, have not been reviewed by parties, and cannot be relied upon by the Commission. (page 10) The Decision further endorses the Settlement's proposal to undertake additional analysis in 2011 and 2012. (page 12)	

agreed that the CAISO should continue to develop its renewable integration model, in consultation with all parties, for further review in the next LTPP docket. This review will be guided by the CAISO, the IOUs and a panel of technical experts including TURN witness Kevin Woodruff. TURN further urged the Commission to ignore supplemental materials submitted by the CAISO asserting the need for new capacity through 2020 under various scenarios (TURN reply brief, page 1) Amended Comments of TURN on Renewable Integration Models, September 23, 2010 Reply comments of TURN on Renewables Integration Models, October 8, 2010 Comments of TURN on Renewable Integration Models, November 22, 2010 Reply comments of TURN on Renewable Integration Models, January 26, 2011 Motion of Settling Parties for suspension of Track 1 schedule and for approval of Settlement Agreement, August 3, 2011 Opening Brief of TURN on Track 1 and Track 3 issues, September 16, 2011 Reply Brief of TURN on Track 1 and Track 3 issues, October 3, 2011		
12. TRACK 1 / ENERGY EFFICIENCY TURN responded to an ALJ Ruling seeking comments on planning assumptions relating to Energy Efficiency in Track 1. TURN argued that it would be reasonable to rely on the CEC's mid-case scenario for the establishment of base case assumptions but expressed concerns about the potential for shortfalls in the event that utilities fail to perform as expected. TURN also argued that the Commission should include the expected savings from previously adopted Big Bold Energy Efficiency Strategies (BBEES). Finally,	**Assigned Commissioner and Administrative Law Judge's Joint Scoping Memo and Ruling, December 3, 2010, pages 35-37** The December 3, 2010 Assigned Commissioner Scoping Memo and Ruling establishes critical assumptions to incorporate into standardized planning scenarios. These scenarios were used to develop the model runs used in Track 1 and were incorporated into D.12-04-046 via the adopted settlement. For energy efficiency, the Scoping ruling adopts the CEC mid-case results for	

TURN, recommended that the CEC's recent IEPR forecast be adjusted to include the 50% decay replacement. Comments of TURN on the Administrative Law Judge's June 22, 2010 Ruling on Resource Planning Assumptions, Part 3 (Energy Efficiency) – Track 1, July 2, 2010 Reply Comments of TURN on the Administrative Law Judge's June 22, 2010 Ruling on Resource Planning Assumptions, Part 3 (Energy Efficiency) – Track 1, July 9, 2010	inclusion in the base case planning assumptions. (Scoping Ruling, page 37) The Scoping Ruling does include savings associated with BBEES in the forecast at the low case values (approximately 75% of total savings). This outcome is closer to TURN's position (assume 100% of savings) than the utilities' position (assume 0%). (Scoping Ruling, page 36) The Scoping Ruling further reduces the demand forecast to include the recommended 50% decay replacement to the CEC's IEPR forecast. (page 37)	
13. TRACK 1 / CALPINE TURN opposed a proposal by Calpine to require the IOUs to engage in intermediate-term solicitations for the procurement of capacity and energy from existing uncontracted combined-cycle power plants. TURN argued that the proposal lacked merit, that Calpine has failed to demonstrate financial need, that Calpine would possess excessive market power in such a solicitation, that Calpine has failed to demonstrate the likelihood of permanent shutdown of existing facilities, and that the proposal is at odds with the established planning reserve margins. Reply Testimony of Kevin Woodruff on behalf of TURN regarding Tracks 1 and 3, pages 1-5. Opening brief of TURN on Track 1 and Track 3 issues, pages 2-6. Reply brief of TURN on Track 1 and Track 3 issues, pages 2-5.	D.12-04-046 The Decision rejects Calpine's proposal and agrees with TURN. (page 17) In rejecting the proposal, the Decision finds that Calpine failed to support its claim that uncontracted generation units "are at risk of shutting down", did not provide record evidence as to the impact of any shutdowns on potential future needs, and failed to demonstrate economic need. (pages 13-16) The Decision agrees with TURN that Calpine's approach "would likely result in Calpine extracting a premium price from the ratepayers of the IOUs." (pages 13-17)	
14. TRACK 3 / SCE NEW GENERATION AUCTION TURN opposed SCE's proposal to open a new proceeding to consider a CAISO new generation auction process. TURN argued that this proposal would cede procurement authority to the CAISO and thereby relegate the CPUC to an advisory role in	D.12-04-046 The Decision rejects SCE's proposal on the basis that "the ramifications of this issue are significantly broader than the OTC issue that SCE attempts to shoehorn it into." (page 28)	

electric procurement. TURN further argued that the CAISO is not well suited to the task of soliciting long-term contracts and typically exhibits a strong bias towards excessive resource needs. Finally, TURN pointed out that the CAISO stakeholder process fails to provide meaningful opportunities for participation by stakeholders. Testimony of Kevin Woodruff on behalf of TURN regarding Tracks 1 and 3, pages 3-6 Opening brief of TURN on Track 1 and Track 3 issues, pages 6-7. Reply brief of TURN on Track 1 and Track 3 issues, pages 5-8.		
15. TRACK 3 / COMPARISON OF UOG AND PPA OFFERS TURN urged the Commission to hold the utilities accountable for any critical cost parameters used as the basis for selecting a utility-owned generation project over a contract with a third party owner. TURN argued that these cost parameters should be binding on the IOU for the first ten years of project operations. Testimony of Kevin Woodruff on behalf of TURN regarding Tracks 1 and 3, pages 6-7 Opening brief of TURN on Track 1 and Track 3 issues, pages 7-8.	D.12-04-046 The Decision adopts TURN's proposal and finds that it "is a reasonable approach to equalize the playing field between UOG and PPA, and the Commission will apply that principle in utility applications for UOG projects." (page 36)	
16. TRACK 3 / INDEPENDENT EVALUATORS TURN supported the a staff proposal to switch the hiring and oversight of Independent Evaluators (IEs) from the utilities to the Commission. TURN argued that the retention of the IEs by the utilities creates conflict of interest problems that would be remedied if the IEs reported directly to the Commission. Testimony of Kevin Woodruff on behalf of TURN regarding Tracks 1 and 3, pages 7-9. Opening brief of TURN on Track 1 and	D.12-04-046 The Decision does not adopt the change in contracting authority due to "practical and administrative hurdles" but states "we agree that it would be preferable for IEs to be hired by and report to the Commission, rather than the utilities, and to the extent the barriers to doing so can be overcome in the future, we will consider this proposal again." (page 68)	

Track 3 issues, pages 8-9.		
17. RESOLUTION E-4471 TURN opposed the proposal to require the three IOUs to negotiate and execute contracts with Calpine for the output of the Sutter power plant. TURN argued that there was no demonstration of need for the facility, that Calpine had not shown financial need, that a temporary shutdown would not harm ratepayers, that the proposed requirement would result in an uneconomic contract that harms ratepayers, that other generators would be emboldened to seek similar relief, and that the reliance on new CAISO forecasts to justify the outcome represents an abandonment of the long-term procurement process. TURN filed a protest to the IOU advice letters seeking approval of their Sutter contracts. In that protest, TURN argued that the contracts were "high cost / bad fit", would punish lower-cost generators, and that Calpine's behavior made it impossible for the IOUs to effectively negotiate a reasonable contract. TURN comments on Draft Resolution E-4471, January 31, 2012 TURN reply comments on Draft Resolution E-4471, February 6, 2012 TURN protest to PG&E AL 4034-E, SCE AL 2730-E and SDG&E AL 2362-E, May 24, 2012.	RESOLUTION E-4471 The final Resolution approves the contracting obligation but includes several modifications from the draft resolution. These modifications include the use of an Independent Evaluator and the use of "open book" negotiations to ensure that Calpine does not overstate actual costs. (page 11). The Concurrence of Commissioner Sandoval clarifies that the Resolution "does not mandate the parties to enter into a contract" (page 20), stated an intention to re-examine the CAISO forecasts in the next LTPP based on concerns raised by TURN (page 21), and urged the parties to negotiate in good faith (page 21). Commissioner Ferron's dissent expressed concerns about reliance on the new CAISO forecasts, agrees with TURN that the proposed pricing is well in excess of market prices (page 24) and agrees with TURN that Sutter is not likely to be permanently shutdown if the resolution is defeated (page 24). Commissioner Ferron further agreed with TURN that adopting the Resolution would only encourage other generators to seek similar ad hoc treatment (pages 24-25).	

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

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	Claimant	CPUC Verified
a. Was the Division of Ratepayer Advocates (DRA) a party to the proceeding?	Y	
b. Were there other parties to the proceeding with positions similar to yours?	Y	
c. If so, provide name of other parties: California Large Energy Consumers Association, Green Power Institute, Division of		

Ratepayer Advocates, Sierra Club, Communities for a Better Environment, Pacific Environment, Vote Solar, Natural Resources Defense Council, Center for Energy Efficiency and Renewable Technologies.	
d. **Describe how you coordinated with DRA and other parties to avoid duplication or how your participation supplemented, complemented, or contributed to that of another party:** TURN actively coordinated with other intervenors throughout the proceeding and took care to address, to the extent feasible, unique issues that were not the focus of other intervenors. TURN also took an active role in negotiating the Track 1 settlement agreement that ultimately saved substantial amounts of potential duplication on the issue of renewable integration and long-term resource need. Furthermore, most of the intervenors relied upon TURN's analysis of the Track 1 CAISO modeling and TURN made Consultant Kevin Woodruff available to explain issues to these intervenors. As a result, the record of the proceeding reveals little direct duplication between the work of TURN and other intervenors.	

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

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#	Claimant	CPUC	Comment

PART III: REASONABLENESS OF REQUESTED COMPENSATION (to be completed by Claimant except where indicated)

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

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a. Concise explanation as to how the cost of Claimant's participation **bears a reasonable relationship with benefits realized through participation (include references to record, where appropriate)** As demonstrated in the substantial contribution section, TURN's participation had a very sizable impact on the outcome of each individual decision and the entire proceeding. Although the exact benefits can be difficult to quantify in a policy proceeding, the sum total of these contributions resulted in significant savings to ratepayers as a whole, and to the ratepayers taking bundled service from the three IOUs. Specifically, the Track 1 settlement adopted in D.12-04-046 found that no new resource additions are needed at this time. This finding means that IOU ratepayers are spared the costs associated with new conventional resource procurement that would otherwise be authorized pursuant to a finding of need. Moreover, TURN succeeded in preventing the authorization of an intermediate-term solicitation in D.12-04-046 that would have created new ratepayer costs without providing commensurate	CPUC Verified

benefits. In D.11-05-005, TURN successfully fought to ensure that all customers, including those served by Electric Service Providers, contribute towards the costs of new resources procured to serve system or local needs. That resulted in material savings for bundled service IOU customers. Finally, TURN's success in D.12-01-033 means that PG&E's ratepayers will not be forced to assume large new financial liabilities associated with nuclear fuel purchases without full Commission review through an application process. Taken together, TURN's contributions led to substantial ratepayer savings through the avoidance of expenditures that may otherwise have been authorized.	
b. Reasonableness of Hours Claimed Given the breadth and depth of TURN's contributions to the four Decisions and one Resolution, the amount of time devoted by staff and consultants is fully reasonable. In considering the reasonableness of the request, the Commission should be mindful of the large number of workshops, ALJ rulings requesting specific comments, and complicated analysis sought by the Commission itself. In order to effectively participate, TURN was obligated to devote substantial resources to the proceeding. The time devoted to each task was reasonable in light of the complexity of the issues presented. TURN's attorneys each focused on unique issues and engaged in a minimum of duplication. TURN's consultants each addressed unique issues, with Kevin Woodruff handling the bulk of the policy arguments. Kevin Woodruff devoted a large number of hours to monitoring the CAISO renewable integration modeling effort. The CAISO modeling process was heavily relied upon by the Commission in this proceeding, so time devoted to participation at the CAISO is appropriate for inclusion in this request (just as TURN and other parties have previously been compensated in similar proceedings for hours spent participating in the load forecasting analysis and IEPR process at the California Energy Commission). Evaluating the CAISO models required intensive study, independent research, participation in a variety of workshops and long-term involvement in the process. His constant engagement in this process was critical to TURN's success. Moreover, other intervenors without similar outside expertise relied upon Mr. Woodruff's analysis to inform their own positions. Cynthia Mitchell and Gillian Court were retained solely to evaluate energy efficiency assumptions. The Commission issued a detailed ruling requesting specific feedback on the efficiency assumptions to be used for CPUC planning scenarios. TURN chose to rely on Ms. Mitchell and Ms. Court because they provide TURN with expert advice and testimony in Energy Efficiency proceedings.	

TURN's initial lead attorney, Mike Florio, was appointed to serve as a CPUC Commissioner midway through this proceeding. As a result, TURN assigned three separate attorneys to address unique issues that would otherwise have been handled by Mr. Florio. Marybelle Ang was brought into the case to address some Track 2 issues, Energy Efficiency and the Cost Allocation Mechanism. Marcel Hawiger focused primarily on the Bundled Procurement Plans in Track 2 given his deep familiarity with gas policy. Matt Freedman took over as lead counsel for Mr. Florio and thereby assumed responsibility for all remaining issues. The Commission should find that the number of hours claimed is fully reasonable in light of the complexity of the issues and TURN's relative success on the merits.	
c. Allocation of Hours by Issue TURN has allocated all of our attorney and consultant time by issue area or activity, as evident on our attached timesheets. The following codes relate to specific substantive issue and activity areas addressed by TURN. TURN also provides an approximate breakdown of the number of hours spent on each task and the percentage of total hours devoted to each category. **GP – 64.00 hours – 6% of total** General Participation work essential to participation that typically spans multiple issues and / or would not vary with the number of issues that TURN addresses. This can include reading the initial application, Commission rulings, participating in prehearing conferences, attendance at all-party meetings, review of Non Disclosure Agreements, reviewing responses to data requests submitted by other parties, participation in hearings that are not specific to one topic, and reviewing pleadings submitted by other parties. **Track 1 – 63.5 hours – 6% of total** Includes work performed on a mixture of Track 1 issues that could not be easily allocated to a specific subtopic. Track 1 was focused on developing resource planning assumptions and scenarios to be used for identifying the need for new resources to meet system or local resource adequacy. Track 1 also involves issues relating to long-term renewable energy planning and Calpine's proposal for an intermediate-term solicitation for flexible capacity. **Track 1 / EE – 59.25 hours – 6% of total** Includes work performed in 2010 on the development of Energy Efficiency assumptions to be used in developing resource planning assumptions and CPUC-mandated scenarios to be used for identifying the need for new resources to meet system or local resource adequacy.	

Track 1 / Ren Int – 275.75 hours – 26% of total Work performed on Track 1 Renewable Integration issues including extensive participation in CAISO and CPUC workshops and detailed review of the modeling assumptions and inputs used by the CAISO and PG&E. Includes work on multiple sets of comments to the CPUC providing critiques and recommendations. Also includes time devoted to coordination with other intervenors on this topic since TURN took a leadership role on behalf of a wide array of intervenors. **Track 1 / Settlement – 59.25 hours – 6% of total** Time devoted to negotiation of the Track 1 settlement that was approved in D.12-04-046 and defending the settlement through additional testimony and participation in evidentiary hearings convened at the request of the ALJ. **Track 1 / Sett Imp – 170.25 hours – 16% of total** Time devoted to implementation of the Track 1 settlement directive to continue work on the CAISO analysis of renewable integration needs. The Settlement adopted in D.12-04-046 calls for additional work "to refine and understand the future need for new renewable integration resources" (page 5) so that the CAISO can present new study results for review in 2012. The Settlement calls for "public review and comment on CAISO and IOU models" and an opportunity for all parties to "submit recommendations or proposals regarding assumptions, scenarios, modeling and inputs" (page 6). In support of these goals, TURN continued to participate in CAISO workshops and reviewed updated CAISO modeling efforts relating to Renewable Integration. TURN witness Woodruff was a key participant in this process and effectively represented an array of consumer and environmental intervenors who were unable to retain outside experts on the topic. **Track 1 / 3 – 92.00 hours – 9% of total** Time devoted to a mixture of Track 1 and 3 issues where it was not possible to allocate hours to a single Track including certain hours devoted to the preparation of testimony, drafting of briefs and participation in evidentiary hearings. Track 3 issues include rule and policy changes to the procurement process. **ResE4771 – 44.00 hours – 4% of total** Time devoted to reviewing, protesting and opposing the requirement for IOUs to negotiate and execute contracts with Calpine for the continued operation of the Sutter plant. This requirement was adopted in Resolution E-4771 and implemented through subsequent Tier 2 advice letters filed by each IOU. **Track 2 – 120.00 hours – 12% of total** Time devoted to reviewing the bundled procurement plans of each IOU	

and litigating issues classified within Track 2. In Track 2 TURN addressed nuclear fuel supply plans, short-term renewable energy contracts and proposals to procure biomethane. **Track 3 – 19.75 hours – 2% of total** Time devoted exclusively to Track 3 issues including SCE's New Generation Auction, comparing UOG and PPA alternatives, and oversight of Independent Evaluators. **Conv Bid – 41.75 hours – 4% of total** Time devoted to Convergence Bidding issues resolved in D.10-12-034. **695 – 22.85 hours – 2% of total** Time devoted to implementing changes to the Cost Allocation Mechanism required by the enactment of SB 695 that were resolved in D.11-05-005. **Comp – 18.00 hours – 2% of total** Time spent on the notice of intent to claim compensation and the preparation of this compensation request.	

B. Specific Claim:

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CLAIMED						CPUC AWARD		
ATTORNEY, EXPERT, AND ADVOCATE FEES								
Item	Year	Hours	Rate	Basis for Rate*	Total $	Hours	Rate	Total $
Mike Florio	2010	89.25	$535	D.10-05-012	$47,748.75			
Mike Florio	2011	1.5	$535	D.10-05-012	$802.50			
Marybelle Ang	2011	108.1	$280	D.11-08-013	$30,268.00			
Matthew Freedman	2010	2	$325	D.10-09-044	$650.00			
Matthew Freedman	2011	92.25	$350	See Comment #1	$32,287.50			
Matthew Freedman	2012	21.25	$350	See Comment #1	$7,437.50			
Marcel Hawiger	2010	1.75	$350	D.11-09-037	$612.50			
Marcel Hawiger	2011	48	$350	D.11-09-037	$16,800.00			
Robert Finkelstein	2011	1.25	$470	D.11-09-037	$587.50			

Cynthia Mitchell	2010	30	$180	D.11-06-012	$5,400.00			
Gillian Court	2010	11.75	$150	D.11-06-012	$1,762.50			
Kevin Woodruff	2010	222.5	$225	D.07-06-045	$50,062.50			
Kevin Woodruff	2011	304	$240	See Comment #2	$72,960.00			
Kevin Woodruff	2012	98.25	$240	See Comment #2	$23,580.00			
				Subtotal:	$290,959.25		***Subtotal:***	

OTHER FEES

Describe here what OTHER HOURLY FEES you are Claiming (paralegal, travel **, etc.):

15

Item	Year	Hours	Rate	Basis for Rate*	**Total $**	**Hours**	**Rate**	**Total $**
[Person 1]			$					
[Person 2]								
				Subtotal:			***Subtotal:***	

**INTERVENOR COMPENSATION CLAIM PREPARATION **

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Item	Year	Hours	Rate	Basis for Rate*	**Total $**	**Hours**	**Rate**	**Total $**
Mike Florio	2010	1	$267.5	D.10-05-012 (@50%)	$267.50			
Matthew Freedman	2012	17	$175	See Comment #1 (@50%)	$2,975.00			
				Subtotal:	$3,242.50		*Subtotal:*	

COSTS

17

#	Item	**Detail**	**Amount**	**Amount**	
1	Photocopies	Copies for filings and other proceeding documents	$90.64		
2	Hotel	Lodging for TURN consultants staying in San Francisco for evidentiary hearings and multi-day workshops	$714.49		
3	Telephone	Calls relating to work on R.10-05-006	$3.67		
4	Postage	Mailing costs for pleadings	$41.40		

Subtotal:	**$850.20**	***Subtotal:***	
TOTAL REQUEST $:	**$294,784.45**	**TOTAL AWARD $:**	

When entering items, type over bracketed text; add additional rows as necessary.

*If hourly rate based on CPUC decision, provide decision number; otherwise, attach rationale.

**Travel and Reasonable Claim preparation time typically compensated at ½ of preparer's normal hourly rate.

C. Attachments Documenting Specific Claim and Comments on Part III (Claimant completes; attachments not attached to final Decision):

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Attachment or Comment #	Description/Comment
Attach 1	**Certificate of Service – filed as a separate document**
Attach 2	**Daily Time Records for Attorneys and Experts**
Attach 3	**Cost detail**
Comment 1	**Hourly Rate for Matthew Freedman in 2011 and 2012:** TURN seeks an increase in the hourly rate for the work of staff attorney Matthew Freedman in 2011 from the $325 rate authorized for work in 2010 to $350 for his work in 2011. This increase would reflect his having moved from the 8-12 years experience range to the 13+ years experience range for purposes of establishing hourly rates for attorneys for intervenors. TURN has also submitted this higher rate for work performed by Mr. Freedman in A.10-07-017, in A.10-01-022, and in R.04-04-003. Mr. Freedman graduated Harvard Law School in 1999 and previously earned a Bachelor degree in Political Science in 1991 from Columbia University. Prior to joining TURN, he worked for 3.5 years as an energy policy analyst with Public Citizen in Washington, DC where he lobbied Congress on energy regulation and conducted extensive research on nuclear power and renewable energy technologies, trends and policies. During his time at law school, Mr. Freedman continued his work with Public Citizen as their New England representative and lobbied the Massachusetts legislature on electric deregulation. In addition, Mr. Freedman spent a summer performing legal research on electricity regulation and utility law issues for the law firm of Scott Hempling. Finally, Mr. Freedman was employed by the Massachusetts Public Interest Research Group for over 1 year and focused on the regulation of criteria air pollutants from fossil power plants, including drafting a petition and leading negotiations that resulted in landmark new standards requiring new emissions controls for older power plants in Massachusetts. Mr. Freedman joined TURN in February of 2000. Mr. Freedman has served as TURN's lead attorney in practically all renewable energy proceedings over the past

	decade, on nuclear power issues (including both the SCE and PG&E applications seeking authority to replace steam generators at their nuclear plants), in several general rate cases (including the PG&E 2007 GRC, the PG&E 2007 GRC Phase 2, and the PG&E 2011 GRC Phase 2), a number of generation related proceedings (including the SCE Mountainview and PG&E's Contra Costa 8 applications), and a wide array of other environmental and ratemaking proceedings. In 2011, Mr. Freedman was in his eleventh year on TURN's staff (excluding a sabbatical year in 2008). Even discounting his pre-TURN experience by 50% to reflect Mr. Freedman's lack of a completed law degree (although the nature of the work was very similar and directly related to energy regulation), his cumulative experience would move him into the 13-plus year category in 2013. Due to a quirk in the Commission's rate structure, the lower end of the 13-plus year range is the same as the lower end of the 8-12 year experience range. However, even though the approved rate of $325 for Mr. Freedman's work in 2010 is above the low end of the 13-plus year range, the Commission should approve an hourly rate of $350 to reflect the different range in which Mr. Freedman now belongs. The $325 hourly rate for 2010 is approximately mid-way in the $300-355 range set for attorneys with 8-12 years of experience, but is only 10% above the floor of the $300-535 range for attorneys with more than 13 years experience. An increase to $350 would put Mr. Freedman's 2010 rate at approximately 20% above the floor of the higher range. TURN submits that this information is more than sufficient for the Commission to grant the requested increase to Mr. Freedman's hourly rate. However, should the Commission disagree and believe that it needs more information to support the request, TURN asks that we be given an opportunity to provide additional information before a draft decision issues on this compensation request.
Comment 2	**Hourly Rate for Kevin Woodruff in 2011 and 2012:** This is the fourth request for compensation that includes a substantial amount of hours for Kevin Woodruff for work performed in 2011. The first such request was filed on August 30, 2011 in R.09-10-032 (for substantial contributions to D.11-06-022) and the second was filed on September 19, 2011 in A.10-01-017 (for substantial contributions to D.11-07-002) and updated with a supplement on January 26, 2012. The third request was in R.04-04-003. All three previous requests remain pending at this time. The Commission had previously approved an hourly rate of $225 for Mr. Woodruff's work beginning in 2006 (see D.07-06-045). As of January 1, 2011, Mr. Woodruff increased his hourly rate from $225 to $240, an increase of approximately 7% as compared to the rate in place since 2006. Mr. Woodruff's experience on energy-related matters spans more than twenty-five years including fourteen years as a member of Henwood Energy services. Since 2002, Mr. Woodruff has operated as a sole practitioner offering expert witness and consultant services on a wide variety of energy matters.

	Because Mr. Woodruff did not change his billing rate from 2006 through 2010, TURN never had cause to seek any of the hourly rate increases made available under D.07-01-009 and D.08-04-010. Had Mr. Woodruff sought an increase in either 2007 or 2008, under those two decisions TURN could have justified a 3% cost of living adjustment (COLA) increase plus a 5% step increase in either of those years, and perhaps in both. An 8% increase would have resulted in a $245 billing rate as early as 2007, and perhaps as high as $265 in 2008. Of course, had Mr. Woodruff taken advantage of these opportunities, his increased rate would have applied to the substantial number of hours he worked in CPUC-related matters during 2007-2010. Furthermore, the $240 billing rate is in the lower half of the rate range for an expert witness with 13+ years of experience ($155-390 for 2009, 2010 and 2011 – Res. ALJ-267, p. 5). For these reasons, the Commission should find the $240 billing rate Mr. Woodruff adopted beginning January 1, 2011 reasonable. TURN is confident that the Commission will agree that that Mr. Woodruff's decision to leave his 2006 authorized rate in place for five years and, in effect, to forego a number of annual increases he might otherwise have received under the Commission's treatment of hourly rates in 2007 and 2008 is a sufficient basis to approve the requested hourly rate of $240 for 2011. For that reason, TURN has opted to not provide the comparison to peer rates for Mr. Woodruff's work in 2011. While we are confident such a comparison would provide further support for the reasonableness of the requested rate, such a comparison requires additional time and resources that TURN hoped to avoid unnecessarily devoting to this request. However, should the Commission wish to consider such peer rates to confirm that they are comparable to the requested rate for Mr. Woodruff's work in 2011, TURN asks that we be provided an opportunity to supplement this showing.

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

#	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))

(CPUC completes the remainder of this form)

A. Opposition: Did any party oppose the Claim?	

If so:

Party	Reason for Opposition	CPUC Disposition

B. Comment Period: Was the 30-day comment period waived (see Rule 14.6(2)(6))?	

If not:

Party	Comment	CPUC Disposition

FINDINGS OF FACT

1. Claimant [has / has not] made a substantial contribution to Decision (D.) _____.
2. The requested hourly rates for Claimant'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 contribution is $_____.

CONCLUSION OF LAW

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

ORDER

1. Claimant is awarded $_____.

2. Within 30 days of the effective date of this decision, _____ shall pay Claimant the total award. [for multiple utilities: "Within 30 days of the effective date of this decision, ^, ^, and ^ shall pay Claimant 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."] Payment of the award shall include interest at the rate earned on prime, three-month commercial paper as reported in Federal Reserve Statistical Release H.15, beginning _____, 200__, the 75th day after the filing of Claimant's request, and continuing until full payment is made.

3. The comment period for today's decision [is / is not] waived.

4. This decision is effective today.

Dated _____, at San Francisco, California.

Attachment 1
Certificate of Service and Service List
(Filed as a separate document)

Attachment 2
Daily Time Records for Attorneys and Experts

Case #/name: R10-05-006

Date	Atty / Consultant	Task	Description	Time Spent
5/2/2011	Robert Finkelstein	Track 2	p/c w/ MAng re: PG&E LTPP, potential rpr risk exposure and expedited process, questions of testimony versus x-exam to present the issues	0.50
6/17/2011	Robert Finkelstein	Track 2	p/c w/ MAng re: questions for LTPP brief on proposed advice letter treatment; review and edit brief section re: same	0.75
6/7/2010	C Mitchell	Track 1 / EE	review OIR; quick review TURN comments June 4th comments on Scoping Memo and Schedule; review DRA comments same; review additonal ALJ Attachments	1.50
6/11/2010	C Mitchell	Track 1 / EE	May 28th Ruling and Attachments re. same EE focus; email to G Court re. key issues, her assginments re. TURN position and analysis committed EE and uncommitted incremental EE	1.75
6/22/2010	C Mitchell	Track 1 / EE	limited discussion C Cox DRA re. TURN issues and positions LTPP and EE; emails M Florio re. issues	0.75
6/22/2010	C Mitchell	Track 1 / EE	review June 22nd ALJ Ruling on Resource Planning Assumptions - Part 3 EE - Track 1; prepare for June 25th CPUC workshop on same	2.00
6/25/2010	C Mitchell	Track 1 / EE	participate CPUC workshop; post-workshop disucussions	3.00
6/25/2010	C Mitchell	Track 1 / EE	travel from Reno to SF 6/23/10 3.0 hrs; return 6/25/10 4.0 hrs. (flight delay) @ 50% time	3.50
6/28/2010	C Mitchell	Track 1 / EE	begin draft comments TURN position on incremental uncommitted EE and LTPP	3.50
6/28/2010	C Mitchell	Track 1 / EE	discussion initiated by M Tisdale ED re. TURN's position re. incremental uncommitted EE and LTPP	0.50
6/29/2010	C Mitchell	Track 1 / EE	continue draft of TURN comments re. June 22nd ruling, responses to specfic ED questions in Attachment to Ruling	3.25
7/1/2010	C Mitchell	Track 1 / EE	additional notes re. comments to MB Ang	0.75
7/2/2010	C Mitchell	Track 1 / EE	review MB Ang draft, small edits	0.50
7/6/2010	C Mitchell	Track 1 / EE	review opening comments various parties	1.00

Date	Atty / Consultant	Task	Description	Time Spent
7/7/2010	C Mitchell	Track 1 / EE	additional review opening comments; discussion and notes to MB Ang, TURN	2.00
7/8/2010	C Mitchell	Track 1 / EE	more drafting TURN reply comments; several emails to MB Ang	3.00
7/9/2010	C Mitchell	Track 1 / EE	project organization; discussion w/ MB Ang re. clarifications needed to draft comments provided; review / comment MB Ang final draft	2.00
7/12/2010	C Mitchell	Track 1 / EE	review reply comments LTPP EE other parties .	0.50
7/15/2010	C Mitchell	Track 1 / EE	respond to DRA C Cox question about 50% decay factor in short-lived EE measures, Commission decision or ruling basis	0.25
7/22/2010	C Mitchell	Track 1 / EE	fwd G Court NRDC Reply Comments, email instructions to review and respond to sSection 3. ""NRDC Urges CPUC to Focus on Gross Attribution"" re. criticisms of TURN and CEC re-statement of historic IOU EE savings to price and marekt effect.	0.25
6/14/2010	G Court	Track 1 / EE	Per capita consumption update. Add 2008 data to time series 1960-2008 for total energy and electricity. Create graphs of per capita use and absolute growth. Calculated change and add to graphs. Email RD and CM.	3.50
6/15/2010	G Court	Track 1 / EE	Phone call CM. Breakdown of total energy use by sector US and CA. Finalize graphs of consumption in US and CA.	1.25
6/20/2010	G Court	Track 1 / EE	Emails RD and CM with finalized consumption graphs.	3.00
7/7/2010	G Court	Track 1 / EE	Analysis of PG&E filing re incremental EE savings, the CEC's forecast of incremental, uncommitted EE, and Total Market Gross goals 2008. Assess level of savings forecast for BBEES in CEC forecast and TMG goals 2008. Phone calls CM; emails CM.	3.00
7/28/2010	G Court	Track 1 / EE	Assess and respond to NRDC LTPP EE Reply Comments Section 3 re criticisms of TURN and the CEC's restatement of EE historic savings.	1.00

Date	Atty / Consultant	Task	Description	Time Spent
5/13/2010	K Woodruff	GP	Reviewed OIR and commented to client.	1.00
6/1/2010	K Woodruff	GP	Reviewed ALJ's 5/28 Ruling and attachments; commented to client.	1.75
6/2/2010	K Woodruff	GP	Began reviewing ALJ's 6/1 Ruling and attachment; commented to client.	0.50
6/3/2010	K Woodruff	Track 1	Reviewed ""Rulebook"" and commented to client.	2.75
6/4/2010	K Woodruff	Track 1	Reviewed client's comments; reviewed other parties' comments.	1.00
6/11/2010	K Woodruff	Track 1	Prepared for and attended workshop.	7.50
6/17/2010	K Woodruff	Track 1 / Ren Int	Reviewed materials regarding 6/18 RPS workshop and case schedule; communicated with client.	0.25
6/18/2010	K Woodruff	Track 1	Reviewed ED materials; provided comments to client on possible comments on Part 1 materials.	0.75
6/22/2010	K Woodruff	Track 1	Reviewed parties' alternative proposals and comments on Part 1 materials; commented to client.	2.75
6/23/2010	K Woodruff	Track 1	Provided client suggestions for reply comments on parties' Part 1 comments.	1.00
6/28/2010	K Woodruff	Track 1	Began reviewing parties' reply comments.	0.25
7/1/2010	K Woodruff	Track 1	Reviewed parties' comments; commented to client on potential replies.	1.75
7/2/2010	K Woodruff	Track 1	Reviewed parties' comments.	0.50
7/6/2010	K Woodruff	Track 1	Reviewed ED proposed RPS assumptions and IOU supplemental comments; commented to client.	2.50
7/9/2010	K Woodruff	Track 1	Reviewed parties' filings regarding RPS assumptions.	1.50
7/12/2010	K Woodruff	Track 1	Reviewed parties' filings regarding assumptions.	0.25
7/16/2010	K Woodruff	Track 1	Reviewed parties' various reply comments.	0.50
7/19/2010	K Woodruff	Conv Bid	Began reviewing parties responses to questions about convergence bidding.	0.25
7/20/2010	K Woodruff	Conv Bid	Began reviewing parties' comments on convergence bidding.	1.75
7/21/2010	K Woodruff	Conv Bid	Discussed schedule and issues with client and ED; reviewed comments on virtual bidding.	2.00
7/22/2010	K Woodruff	Conv Bid	Reviewed additional comments and other materials on virtual bidding.	1.25

Date	Atty / Consultant	Task	Description	Time Spent
7/23/2010	K Woodruff	Conv Bid	Reviewed additional materials on virtual bidding.	0.25
7/26/2010	K Woodruff	Conv Bid	Prepared for and attended technical presentation on convergence bidding.	8.00
7/27/2010	K Woodruff	Conv Bid	Communicated with client on convergence bidding workshop schedule.	0.25
8/2/2010	K Woodruff	Conv Bid	Edited chart illustrating concerns regarding AS modeling issue.	1.25
8/2/2010	K Woodruff	Conv Bid	Reviewed parties' comments on convergence bidding; commented to client.	0.75
8/3/2010	K Woodruff	Track 1 / Ren Int	Completed chart and sent to CAISO and other consultants; prepared notes for conversation with ED staff; reviewed other consultant's letter to ED regarding results of CAISO study.	4.00
8/5/2010	K Woodruff	Track 1 / Ren Int	Discussed modeling issues with other consultants and SCE modeler; provided additional information to review group; made further edits to letter regarding study; communicated with client.	2.50
8/6/2010	K Woodruff	Track 1 / Ren Int	Discussed issues with Energy Division staff and client; communicated with other parties and client afterwards.	2.25
8/9/2010	K Woodruff	Track 1 / Ren Int	Discussed modeling issues with other consultants and SCE, and then Energy Division; began preparing talk for workshops.	3.00
8/10/2010	K Woodruff	Track 1 / Ren Int	Reviewed 2020 load data provided by SCE.	0.50
8/11/2010	K Woodruff	Track 1 / Ren Int	Obtained and reviewed additional load and AS need data; communicated with ED, client and consultants about various issues.	1.00
8/12/2010	K Woodruff	Track 1 / Ren Int	Discussed letter to ED and issues with other consultants; communicated with ED regarding workshop.	1.25
8/13/2010	K Woodruff	Track 1 / Ren Int	Began preparing charts for workshop presentation.	1.25
8/14/2010	K Woodruff	Track 1 / Ren Int	Completed preparation of draft presentation and sent to client, Energy Division and other consultants.	4.00

Date	Atty / Consultant	Task	Description	Time Spent
8/21/2010	K Woodruff	Conv Bid	Prepared for convergence bidding workshop on 8/23.	0.75
8/22/2010	K Woodruff	Track 1 / Ren Int	Reviewed information regarding modeling issues and workshop from prior week; revised and submitted updated presentation for workshop.	5.00
8/23/2010	K Woodruff	Track 1 / Ren Int	Prepared for modeling workshop.	1.00
8/23/2010	K Woodruff	Conv Bid	Prepared for and attended convergence bidding workshop.	4.50
8/24/2010	K Woodruff	Track 1 / Ren Int	Prepared for and attended modeling workshop.	9.50
8/25/2010	K Woodruff	Track 1 / Ren Int	Prepared for and attended modeling workshop.	9.00
8/25/2010	K Woodruff	Conv Bid	Reported on and discussed convergence bidding workshop with client.	0.50
8/26/2010	K Woodruff	GP	Communicated with client and other parties about upcoming comments and related matters.	1.00
8/27/2010	K Woodruff	Track 1 / Ren Int	Discussed possible additional simulations with ED and other parties.	1.00
8/30/2010	K Woodruff	Track 1 / Ren Int	Reviewed and commented on client's draft comments on CB.	0.25
8/30/2010	K Woodruff	Track 1 / Ren Int	Prepared memo for other parties regarding modeling issues for discussion with CAISO and ED.	0.50
8/31/2010	K Woodruff	Track 1 / Ren Int	Communicated with other party about modeling issues.	0.25
9/1/2010	K Woodruff	Track 1 / Ren Int	Participated in conference call with ED and CAISO regarding modeling; communicated with other parties about modeling issues; reviewed and signed PG&E Renewable Integration Model License Agreement; downloaded RIM.	3.00
9/2/2010	K Woodruff	Track 1 / Ren Int	Reviewed and forwarded CAISO ""20% 2012"" RPS study.	0.25
9/3/2010	K Woodruff	Track 1 / Ren Int	Began reviewing PG&E RIM documentation.	1.00
9/7/2010	K Woodruff	Track 1 / Ren Int	Reviewed PG&E's RIM documentation and model itself; prepared data request for PG&E.	2.50

Date	Atty / Consultant	Task	Description	Time Spent
9/9/2010	K Woodruff	GP	Reviewed ALJ Ruling asking for comments; responded to other parties' inquiries about ruling; commented to client.	1.00
9/13/2010	K Woodruff	Track 1 / Ren Int	Began outlining comments regarding renewable integration modeling.	2.00
9/14/2010	K Woodruff	Track 1 / Ren Int	Prepared outline of comments regarding renewable integration modeling.	2.75
9/15/2010	K Woodruff	Track 1 / Ren Int	Reviewed PG&E RIM documentation to prepare for commenting thereon.	2.00
9/16/2010	K Woodruff	Track 1 / Ren Int	Discussed potential comments with other parties.	1.75
9/17/2010	K Woodruff	Track 1 / Ren Int	Continued outlining comments; attended CAISO meeting on ""20% RPS in 2012"" study.	8.50
9/20/2010	K Woodruff	Track 1 / Ren Int	Continued preparing comments.	8.50
9/21/2010	K Woodruff	Track 1 / Ren Int	Completed comments; began reviewing other parties' comments.	5.50
9/22/2010	K Woodruff	Track 1 / Ren Int	Continued reviewing other parties' comments.	5.25
9/23/2010	K Woodruff	Track 1 / Ren Int	Completed reviewing other parties' comments; recommended potential reply comments to client; communicated with other parties about reply comments.	3.00
9/29/2010	K Woodruff	Track 1 / Ren Int	Began preparing reply comments.	0.50
9/30/2010	K Woodruff	Track 1 / Ren Int	Continued preparing reply comments; communicated with other parties regarding issues.	4.50
10/1/2010	K Woodruff	Track 1 / Ren Int	Continued preparing reply comments; analyzed and commented to client on ALJ's additional questions.	3.75
10/4/2010	K Woodruff	Track 1 / Ren Int	Continued preparing reply comments.	2.75
10/5/2010	K Woodruff	Track 1 / Ren Int	Prepared for and attended CAISO workshop on renewable integration products and needs.	7.50
10/5/2010	K Woodruff	Track 1 / Ren Int	Prepared for and attended CAISO workshop on renewable integration products and needs.	7.50
10/6/2010	K Woodruff	Track 1 / Ren Int	Continued preparing reply comments.	2.00

Date	Atty / Consultant	Task	Description	Time Spent
10/7/2010	K Woodruff	Track 1 / Ren Int	Completed reply comments; sent to client for review.	3.75
10/8/2010	K Woodruff	Track 1 / Ren Int	Performed final edits and review of reply comments.	0.50
10/11/2010	K Woodruff	Track 1 / Ren Int	Prepared for and participated in CAISO call to review renewable integration modeling results; reported to client.	2.75
10/12/2010	K Woodruff	Track 1 / Ren Int	Reviewed and commented on draft agenda for 10/22 workshop.	0.25
10/14/2010	K Woodruff	Track 1 / Ren Int	Reviewed system and resource flexibility data prepared by Nexant; prepared template for displaying such data.	1.75
10/15/2010	K Woodruff	Track 1 / Ren Int	Discussed issues with other party's consultant	0.50
10/18/2010	K Woodruff	Track 1 / Ren Int	Reviewed CAISO Technical Appendix; communicated with other parties about modeling issues.	2.75
10/19/2010	K Woodruff	Track 1 / Ren Int	Communicated with other parties and Energy Division staff; reviewed PG&E Step 2 results.	0.50
10/20/2010	K Woodruff	Track 1 / Ren Int	Discussed modeling issues with CAISO and other parties.	1.00
10/21/2010	K Woodruff	Track 1 / Ren Int	Prepared for CPUC workshop on renewable integration modeling.	4.50
10/22/2010	K Woodruff	Track 1 / Ren Int	Prepared for and attended CPUC workshop on renewable integration modeling.	10.00
11/3/2010	K Woodruff	Track 1 / Ren Int	Discussed issues in case with consultants for WPTF and IEP.	1.00
11/9/2010	K Woodruff	Track 1 / Ren Int	Reviewed ALJ questions regarding renewable integration modeling.	0.50
11/16/2010	K Woodruff	Track 1 / Ren Int	Began preparing comments in response to ALJ's questions.	0.50
11/17/2010	K Woodruff	Track 1 / Ren Int	Continued preparing comments.	1.75
11/18/2010	K Woodruff	Track 1 / Ren Int	Finished draft comments; sent to client.	2.50
11/19/2010	K Woodruff	Track 1 / Ren Int	Made final edits to comments; sent to client.	0.75
11/29/2010	K Woodruff	Track 1 / Ren Int	Reviewed parties' comments on integration modeling; prepared for workshop; discussed issues with other party's consultant.	3.75

Date	Atty / Consultant	Task	Description	Time Spent
11/30/2010	K Woodruff	Track 1 / Ren Int	Prepared for and attended workshop; reviewed PG&E comments on integration modeling.	9.50
12/1/2010	K Woodruff	Track 1 / Ren Int	Discussed potential data requests to CAISO with ED staff.	0.50
12/2/2010	K Woodruff	Track 1 / Ren Int	Provided suggestions to ED on data to request from CAISO.	0.75
12/3/2010	K Woodruff	Track 1 / Ren Int	Provided additional suggestions to ED on data to request from CAISO.	1.50
12/7/2010	K Woodruff	Track 1 / Ren Int	Communicated further with ED regarding data to request from CAISO.	0.25
12/7/2010	K Woodruff	GP	Reviewed ALJ's Ruling; commented to client.	0.25
1/3/2011	K Woodruff	Track 1 / Ren Int	Began reviewing ALJ Ruling, including appendices, regarding comments on renewable integration issues.	1.50
1/4/2011	K Woodruff	Track 1 / Ren Int	Continued reviewing ALJ Ruling and appendices; reviewed CAISO Step 1 data.	3.75
1/6/2011	K Woodruff	Track 1 / Ren Int	Listened to portions of CAISO stakeholder meeting regarding renewable integration products; communicated with consultant for other party and CAISO regarding data and meeting.	2.00
1/7/2011	K Woodruff	Track 1 / Ren Int	Discussed CAISO data and potential comments with another consultant; reviewed materials for purposes of preparing comments.	1.00
1/10/2011	K Woodruff	Track 1 / Ren Int	Began outlining comments on renewable integration.	0.50
1/12/2011	K Woodruff	Track 1 / Ren Int	Participated in conference call with CAISO regarding modeling; discussed modeling issues with DRA.	2.50
1/13/2011	K Woodruff	Track 1 / Ren Int	Reviewed Scoping Ruling on Phase II; communicated with client.	0.25
1/13/2011	K Woodruff	Track 1 / Ren Int	Continued preparing comments on renewable integration issues.	5.25
1/14/2011	K Woodruff	Track 1 / Ren Int	Completed preparing comments on renewable integration issues; sent to client.	3.00
1/17/2011	K Woodruff	Track 1 / Ren Int	Began reviewing parties' comments.	0.50
1/18/2011	K Woodruff	Track 1 / Ren Int	Continued reviewing parties' comments.	1.00

Date	Atty / Consultant	Task	Description	Time Spent
1/19/2011	K Woodruff	Track 1 / Ren Int	Completed reviewing other parties' comments; prepared draft reply comments.	1.75
1/24/2011	K Woodruff	Track 1 / Ren Int	Completed draft reply comments and sent to client.	1.00
1/26/2011	K Woodruff	Track 1 / Ren Int	Reviewed client's final draft of comments.	0.25
1/27/2011	K Woodruff	GP	Reviewed IEP motion regarding schedule; communicated with client.	0.50
1/27/2011	K Woodruff	Track 1 / Ren Int	Reviewed other parties' reply comments.	0.50
2/10/2011	K Woodruff	GP	Reviewed ALJ's revised scoping ruling; commented to client.	0.25
2/17/2011	K Woodruff	Track 1 / Ren Int	Reviewed materials regarding 2/18 call regarding CAISO modeling.	0.50
2/18/2011	K Woodruff	Track 1 / Ren Int	Participated in CAISO call regarding renewable integration modeling; reported to client.	2.00
2/22/2011	K Woodruff	GP	Reviewed ALJ Rulings; commented to client regarding PHC statements and PHC participation.	0.50
2/24/2011	K Woodruff	GP	Prepared outline of issues to raise at 2/28 PHC; provided to client.	2.25
2/25/2011	K Woodruff	GP	Discussed case issues with other party; prepared for PHC.	0.75
2/28/2011	K Woodruff	GP	Prepared for and participated in PHC.	6.00
3/9/2011	K Woodruff	GP	Discussed issues and schedule in case with client.	1.25
3/10/2011	K Woodruff	GP	Reviewed ALJ scheduling ruling; commented to client.	0.50
3/11/2011	K Woodruff	Track 2	Discussed Track 2 schedule and scope with DRA; communicated with client and DRA.	0.75
3/24/2011	K Woodruff	Track 2	Discussed bundled plan issues with PG&E; reviewed Protective Order; communicated with client.	0.75
3/25/2011	K Woodruff	Track 1 / Ren Int	Participated in CAISO call reviewing renewable integration modeling; reported to client.	1.25
3/28/2011	K Woodruff	Track 2	Began reviewing IOUs' bundled plans.	0.25
3/30/2011	K Woodruff	Track 2	Attended portion of SCE public review of its Bundled Procurement Plan.	1.75

Date	Atty / Consultant	Task	Description	Time Spent
3/31/2011	K Woodruff	Track 2	Listened to PG&E public review of its Bundled Procurement Plan; reported to client.	1.25
4/5/2011	K Woodruff	Track 1 / Ren Int	Reviewed others' e-mail discussion of distribution of load following and regulation needs.	0.75
4/6/2011	K Woodruff	Track 1 / Ren Int	Reviewed materials for April 12 CAISO meeting on renewable integration; communicated with client.	0.25
4/8/2011	K Woodruff	Track 2	Reviewed bundled plans.	0.25
4/11/2011	K Woodruff	Track 1 / Ren Int	Reviewed CAISO materials regarding renewable integration products.	1.00
4/12/2011	K Woodruff	Track 1 / Ren Int	Attended CAISO stakeholder meeting on renewable integration products for applicability to LTPP analyses.	6.00
4/13/2011	K Woodruff	Track 1 / Ren Int	Reported on CAISO meeting to client.	0.25
4/13/2011	K Woodruff	Track 2	Discussed bundled plans with CLECA consultant.	0.75
4/14/2011	K Woodruff	Track 1 / Ren Int	Discussed CAISO renewable integration issues with other parties.	0.50
4/25/2011	K Woodruff	Track 1 / Ren Int	Reviewed other parties' comments regarding CAISO renewable integration products and modeling.	0.50
4/25/2011	K Woodruff	695	Reviewed client's comments on PD on Cost Allocation Mechanism; reviewed and signed Protective Order and Non-Disclosure Certificate.	1.00
4/26/2011	K Woodruff	Track 2	Communicated with client regarding scope of work and schedule; continued reviewing IOUs' bundled procurement plans.	0.25
4/27/2011	K Woodruff	Track 1 / Ren Int	Prepared for and participated in CAISO call regarding renewable integration; reported to client.	1.50
4/27/2011	K Woodruff	Track 2	Continued reviewing IOUs' Bundled Procurement Plans.	0.25
4/28/2011	K Woodruff	Track 2	Continued reviewing IOUs' BPPs.	0.75
4/29/2011	K Woodruff	Track 1 / Ren Int	Reviewed IOUs' and CAISO submittals regarding renewable integration.	1.50
4/29/2011	K Woodruff	Track 2	Completed reviewing IOUs' BPPs; reported to client.	2.00

Date	Atty / Consultant	Task	Description	Time Spent
5/2/2011	K Woodruff	Track 2	Reviewed PG&E responses to data requests; discussed bundled plan testimony with client.	2.50
5/2/2011	K Woodruff	Track 1 / Ren Int	Reviewed CAISO filing regarding renewable integration.	1.00
5/3/2011	K Woodruff	Track 1 / Ren Int	Communicated with CAISO and other parties regarding CAISO meeting materials.	0.50
5/3/2011	K Woodruff	Track 1	Discussed potential testimony with client.	1.75
5/4/2011	K Woodruff	Track 1	Communicated regarding and discussed potential testimony with client; began reviewing other parties' testimony.	1.50
5/5/2011	K Woodruff	Track 2	Reviewed parties' bundled plan testimony and reported to client.	2.75
5/9/2011	K Woodruff	Track 1 / Ren Int	Reviewed CAISO and IOU materials regarding renewable integration for 5/10 meeting; commented to client.	4.00
5/10/2011	K Woodruff	Track 2	Reviewed client communications regarding Bundled Procurement Plan issues; communicated regarding DRA stances on some issues.	0.25
5/10/2011	K Woodruff	Track 1 / Ren Int	Attended workshop on renewable integration at CEC.	6.50
5/11/2011	K Woodruff	Track 2	Began reviewing parties' rebuttal testimony.	0.25
5/12/2011	K Woodruff	Track 2	Reviewed parties' rebuttal testimony; reported to client.	2.25
5/13/2011	K Woodruff	Track 1 / Ren Int	Discussed case schedule with SCE modelers; reported to client.	0.75
5/18/2011	K Woodruff	Track 1 / Ren Int	Participated in CAISO call on renewable integration; communicated with client.	1.50
5/19/2011	K Woodruff	Track 1 / Ren Int	Discussed CAISO/IOU motion to extension of time with DRA and client; prepared text for client response to motion.	2.75
5/23/2011	K Woodruff	GP	Communicated with parties regarding issues and status of motion to extend deadlines.	0.25
5/25/2011	K Woodruff	Track 1 / Ren Int	Reviewed transcript from 5/24 hearing regarding renewable integration study assumptions.	2.00
5/25/2011	K Woodruff	Track 1	Reviewed transcript from May 23 hearing on Track I.	0.25

Date	Atty / Consultant	Task	Description	Time Spent
5/31/2011	K Woodruff	GP	Reviewed ALJ scheduling ruling; discussed with client.	0.50
6/8/2011	K Woodruff	Track 1	Discussed response to IOU and DRA motions with client; discussed reliability modeling issue with other party.	0.50
6/10/2011	K Woodruff	GP	Reviewed ALJ scheduling and scope ruling; communicated with client.	0.50
6/14/2011	K Woodruff	Track 3	Reviewed ALJ Ruling regarding Track III issues.	0.75
6/16/2011	K Woodruff	Track 3	Communicated with client regarding potential Track III issues.	0.25
6/20/2011	K Woodruff	Track 1	Discussed Track I issues regarding renewable integration with other parties.	1.25
7/2/2011	K Woodruff	Track 1/3	Began reviewing IOUs' and ISO Track I and III testimony.	0.25
7/11/2011	K Woodruff	Track 1	Reviewed testimony and responses to data requests; participated in IOU-CAISO workshop on testimony.	3.00
7/14/2011	K Woodruff	Track 1/3	Continued reviewing IOUs' and ISO Track I and III testimony.	1.00
7/15/2011	K Woodruff	Track 1/3	Continued reviewing IOUs' and ISO Track I and III testimony.	0.25
7/16/2011	K Woodruff	Track 1/3	Continued reviewing IOUs' and ISO Track I and III testimony.	2.75
7/18/2011	K Woodruff	Track 1/3	Continued reviewing IOUs' and ISO Track I and III testimony.	2.25
7/19/2011	K Woodruff	Track 1/3	Prepared outline of testimony for client; participated in call with other parties to discuss issues; reviewed responses to data requests.	4.25
7/20/2011	K Woodruff	Track 1/3	Reviewed additional responses to data requests; began preparing data requests.	5.25
7/21/2011	K Woodruff	Track 1/3	Reviewed additional responses to data requests; continued preparing data requests.	4.00
7/22/2011	K Woodruff	Track 1 / Settlement	Participated in settlement call with IOUs and DRA; communicated with other parties; reviewed responses to data requests.	4.50
7/24/2011	K Woodruff	Track 1 / Settlement	Commented on draft settlement documents.	1.00
7/26/2011	K Woodruff	Track 1/3	Reviewed latest data responses.	0.50

Date	Atty / Consultant	Task	Description	Time Spent
7/27/2011	K Woodruff	Track 1 / Settlement	Reviewed settlement documents; reviewed data responses.	0.50
7/28/2011	K Woodruff	Track 1 / Settlement	Reviewed settlement documents.	0.25
7/29/2011	K Woodruff	Track 1 / Settlement	Commented on latest settlement document; discussed with client; reviewed additional responses to data requests.	0.75
7/31/2011	K Woodruff	Track 1 / Settlement	Reviewed and commented on latest settlement document.	1.00
8/1/2011	K Woodruff	Track 1 / Settlement	Reviewed and commented on settlement document; discussed settlement and testimony with client; reviewed parties' responses to data requests.	1.75
8/2/2011	K Woodruff	Track 1 / Settlement	Prepared for and participated in settlement conference call; began preparing testimony; reviewed responses to data requests.	7.25
8/3/2011	K Woodruff	Track 1 / Settlement	Commented on final versions of settlement; prepared testimony and provided draft to client; reviewed responses to data requests.	5.00
8/4/2011	K Woodruff	Track 1/3	Completed testimony on Track I and III issues; began reviewing other parties' testimony.	6.00
8/5/2011	K Woodruff	Track 1/3	Continued reviewing other parties' testimony; discussed settlement panel for hearings with other parties.	0.75
8/6/2011	K Woodruff	Track 1/3	Continued reviewing other parties' testimony.	2.00
8/7/2011	K Woodruff	Track 1/3	Completed reviewing other parties' testimony.	0.75
8/8/2011	K Woodruff	Track 1/3	Provided client comments on time need for Oral Rebuttal and cross-examination of other witnesses; reviewed responses to data requests.	0.75
8/9/2011	K Woodruff	Track 1/3	Reviewed additional replies to data requests; commented on errors in cross-exam matrix.	0.75

Date	Atty / Consultant	Task	Description	Time Spent
8/10/2011	K Woodruff	Track 1 / Settlement	Prepared for hearings, including Oral Reply testimony; prepared for and participated in call with CAISO about next steps in renewable integration analysis; reviewed additional responses to data requests.	5.75
8/11/2011	K Woodruff	Track 1 / Settlement	Prepared for and attended hearing; completed Oral Reply testimony for submittal.	9.50
8/12/2011	K Woodruff	Track 3	Reviewed parties' responses to data requests and parties' errata; reviewed revised case schedule.	1.25
8/14/2011	K Woodruff	Track 3	Reviewed settlement and own testimony for errata and to prepare for cross; began preparing cross-examination for other witnesses.	1.00
8/15/2011	K Woodruff	Track 3	Prepared cross for SCE witness; prepared for own appearance.	5.75
8/16/2011	K Woodruff	Track 3	Prepared for and attended hearing; made appearance and assisted with cross of SCE witness; attended ex parte meeting with client.	9.00
8/17/2011	K Woodruff	Track 1	Prepared cross-exam scripts for Calpine witness.	3.00
8/21/2011	K Woodruff	GP	Communicated with client about post-hearing tasks.	0.25
8/22/2011	K Woodruff	Track 1 / Sett Imp	Began preparing memo to CAISO and other parties regarding All Gas scenario.	3.00
8/23/2011	K Woodruff	Track 1 / Sett Imp	Completed memo regarding all gas scenario and related issues; sent to other parties and client for comments.	2.00
8/24/2011	K Woodruff	Track 1 / Sett Imp	Reviewed CAISO board memo on renewable integration.	0.25
8/25/2011	K Woodruff	Track 1/3	Reviewed transcripts and suggested corrections.	2.00
8/26/2011	K Woodruff	Track 1 / Sett Imp	Reviewed other parties' transcript corrections and scheduling suggestions for CAISO renewable integration meeting.	0.25
8/28/2011	K Woodruff	Track 1 / Sett Imp	Communicated with CAISO and other parties about next renewable integration modeling meeting.	0.25

Date	Atty / Consultant	Task	Description	Time Spent
8/29/2011	K Woodruff	Track 1 / Sett Imp	Continued preparing memo to CAISO and other settling parties regarding renewable integration modeling.	1.00
8/30/2011	K Woodruff	Track 1 / Sett Imp	Completed memo regarding modeling and sent to ""working group""; communicated with Commission staff (ED & DRA) regarding modeling issues.	1.00
8/31/2011	K Woodruff	Track 1 / Sett Imp	Communicated with DRA regarding issues.	0.25
9/2/2011	K Woodruff	Track 1 / Sett Imp	Reviewed DRA consultant's report on renewable integration modeling.	0.25
9/6/2011	K Woodruff	Track 1 / Sett Imp	Reviewed DRA consultant's report and ISO/RTO council report on renewable integration.	1.00
9/12/2011	K Woodruff	Track 1/3	Suggested draft outline for brief.	1.00
9/14/2011	K Woodruff	Track 1 / Sett Imp	Discussed renewable integration modeling with DRA and its consultant (Synapse).	2.00
9/15/2011	K Woodruff	Track 1 / Sett Imp	Discussed PLEXOS model with vendor; reviewed vendors' materials'; prepared comments on client's draft opening brief.	1.50
9/19/2011	K Woodruff	Track 1/3	Reviewed parties' opening briefs; communicated with client and DRA.	3.00
9/20/2011	K Woodruff	Track 1 / Sett Imp	Prepared analysis of issues with CAISO 'All Gas' case; reviewed status of CAISO stakeholder processes regarding renewable integration.	3.25
9/22/2011	K Woodruff	Track 1 / Sett Imp	Reviewed status of CAISO Renewable Integration product development; reviewed CAISO 'All Gas' case further; discussed call with DRA and its consultant.	4.00
9/23/2011	K Woodruff	Track 1 / Sett Imp	Prepared for and participated in CAISO call on renewable integration modeling (working group).	2.25
9/26/2011	K Woodruff	Track 1 / Sett Imp	Reviewed CAISO proposal for probabilistic modeling of ancillary service shortages; provided comments.	1.00
9/27/2011	K Woodruff	Track 1 / Sett Imp	Reviewed CAISO ""statement of purpose"" on renewable integration modeling working group.	1.00

Date	Atty / Consultant	Task	Description	Time Spent
9/28/2011	K Woodruff	Track 1 / Sett Imp	Provided comments on CAISO ""statement of purpose"" on renewable integration modeling working group; discussed brief with client.	0.25
9/29/2011	K Woodruff	Track 1 / Sett Imp	Reviewed NREL materials on renewable integration.	0.75
10/3/2011	K Woodruff	Track 1/3	Edited reply brief and discussed with client; participated in conference call with CAISO and other parties regarding Oct. 7 meeting; reviewed other parties' reply briefs.	2.50
10/4/2011	K Woodruff	Track 1 / Sett Imp	Prepared for Friday's CAISO meeting regarding renewable integration modeling.	0.75
10/5/2011	K Woodruff	Track 1 / Sett Imp	Discussed CAISO meeting with DRA; provided DRA and consultant information on other CAISO transmission planning and renewable integration processes.	1.50
10/6/2011	K Woodruff	Track 1 / Sett Imp	Prepared for Friday's CAISO meeting regarding renewable integration modeling.	3.00
10/7/2011	K Woodruff	Track 1 / Sett Imp	Participated in CAISO meeting regarding renewable integration modeling.	5.50
10/10/2011	K Woodruff	Track 1 / Sett Imp	Developed information related to concerns with CAISO renewable integration modeling.	2.00
10/11/2011	K Woodruff	Track 1 / Sett Imp	Developed information related to concerns with CAISO renewable integration modeling.	1.75
10/12/2011	K Woodruff	Track 1 / Sett Imp	Began preparing proposal for CAISO renewable integration model testing and production of data for additional testing.	2.50
10/13/2011	K Woodruff	Track 1 / Sett Imp	Prepared formal request for CAISO to conduct renewable integration modeling work; reported to client.	2.00
10/14/2011	K Woodruff	Track 1 / Sett Imp	Reviewed other parties' proposed modeling changes; provided own proposal to CAISO; participated in call with ""working group"" members.	3.50
10/17/2011	K Woodruff	Track 1 / Sett Imp	Reviewed other parties' proposed modeling changes.	1.25

Date	Atty / Consultant	Task	Description	Time Spent
10/18/2011	K Woodruff	Track 1 / Sett Imp	Reviewed other parties' proposed modeling changes; prepared for and participated in call with ""working group"" members.	4.50
10/19/2011	K Woodruff	Track 1 / Sett Imp	Reviewed other parties' proposed modeling changes.	1.25
10/21/2011	K Woodruff	Track 1 / Sett Imp	Reviewed additional proposed modeling changes; prepared recommendations for renewable integration modeling priorities.	2.50
10/24/2011	K Woodruff	Track 1 / Sett Imp	Reviewed additional proposed modeling changes.	0.75
10/26/2011	K Woodruff	Track 1 / Sett Imp	Reviewed CAISO memo regarding plans for additional renewable integration modeling; discussed with other party; responded to CAISO regarding interests.	0.75
10/27/2011	K Woodruff	Track 1 / Sett Imp	Discussed renewable integration modeling and LTPP issues with DRA.	1.25
10/31/2011	K Woodruff	Track 1 / Sett Imp	Reviewed information regarding potential integration need from CAISO ex parte notice regarding the Sutter Power Plant.	0.75
11/1/2011	K Woodruff	Track 1 / Sett Imp	Communicated with other parties regarding upcoming studies.	0.25
11/2/2011	K Woodruff	Track 1 / Sett Imp	Communicated with CAISO about status of studies.	0.25
11/3/2011	K Woodruff	Track 1 / Sett Imp	Reviewed information regarding renewable integration modeling; participated in CAISO working group call regarding one topic.	1.75
11/7/2011	K Woodruff	Track 1 / Sett Imp	Prepared for and participated in two CAISO-sponsored calls regarding renewable integration modeling studies; discussed calls with Energy Division staff.	3.50
11/8/2011	K Woodruff	Track 1 / Sett Imp	Prepared for and participated in two additional CAISO-sponsored calls regarding renewable integration modeling studies; began preparing comments; reported to client.	3.25
11/9/2011	K Woodruff	Track 1 / Sett Imp	Completed and provided comments to parties on study groups 1 to 3; reported on project to client.	3.00

Date	Atty / Consultant	Task	Description	Time Spent
11/10/2011	K Woodruff	Track 1 / Sett Imp	Communicated with parties; began reviewing information regarding renewable integration modeling using LOLP models.	0.25
11/13/2011	K Woodruff	Track 1 / Sett Imp	Reviewed additional information regarding renewable integration modeling provided by E3.	1.00
11/14/2011	K Woodruff	Track 1 / Sett Imp	Prepared for and participated in call with CAISO regarding renewable integration modeling; prepared for 11/15 CAISO call.	2.00
11/14/2011	K Woodruff	Track 2	Reviewed Proposed Decision in Phase 2; provided comments to client.	0.75
11/15/2011	K Woodruff	Track 1 / Sett Imp	Participated in CAISO call regarding stochastic reliability modeling (Study Group 1); provided comments regarding call and topic.	2.50
11/16/2011	K Woodruff	Track 1 / Sett Imp	Reviewed NERC materials regarding stochastic reliability modeling.	1.50
11/17/2011	K Woodruff	Track 1 / Sett Imp	Reviewed NERC materials regarding stochastic reliability modeling.	1.00
11/18/2011	K Woodruff	Track 1 / Sett Imp	Participated in CAISO call regarding stochastic reliability modeling; reviewed materials regarding modeling.	1.25
11/19/2011	K Woodruff	Track 1 / Sett Imp	Reviewed NERC materials regarding stochastic reliability modeling.	1.50
11/21/2011	K Woodruff	Track 1 / Sett Imp	Reviewed CAISO materials regarding Study Group 3 (15-17% PRM - All Gas); prepared for 11/22 conference call.	3.50
11/22/2011	K Woodruff	Track 2	Discussed Track 2 PD with PG&E; communicated with client.	0.25
11/22/2011	K Woodruff	Track 1 / Sett Imp	Participated in CAISO call regarding Study Group 3; provided follow-up data request.	2.50
11/30/2011	K Woodruff	Track 1 / Sett Imp	Communicated with parties regarding CAISO / E3 follow-up on Study Group 3 analyses.	0.25
11/30/2011	K Woodruff	Track 2	Reviewed parties' comments on PD; communicated with client.	0.50
12/2/2011	K Woodruff	Track 1 / Sett Imp	Participated in CAISO-sponsored conference call for Study Group 5 (review of impact of out-of-state and tie modeling assumptions).	1.00

Date	Atty / Consultant	Task	Description	Time Spent
12/6/2011	K Woodruff	Track 1 / Sett Imp	Participated in CAISO-sponsored conference call for Study Group 3 (All Gas & 15-17% PRM); prepared follow-up data request; discussed with other party.	3.75
12/8/2011	K Woodruff	ResE4471	Reviewed parties' comments on CAISO-sponsored Study Group 3; reviewed CAISO proposal to purchase Calpine Sutter capacity based on results of renewable integration modeling; reported to client.	1.00
12/9/2011	K Woodruff	ResE4471	Participated in CAISO-sponsored call regarding use of renewable integration analysis to support procurement of Calpine Sutter capacity; reported to client.	2.25
12/12/2011	K Woodruff	Track 1 / Sett Imp	Prepared for and participated in CAISO-sponsored call about Step 1 sensitivities (Study Group 2).	1.25
12/14/2011	K Woodruff	Track 1 / Sett Imp	Discussed CAISO renewable integration modeling issues with other parties.	0.50
12/16/2011	K Woodruff	Track 1 / Sett Imp	Participated in CAISO call regarding Study Group 5 (modeling of outside balancing authorities).	1.25
12/19/2011	K Woodruff	Track 1 / Sett Imp	Participated in CAISO call regarding Study Group 2 (Step 1 sensitivities).	1.25
12/21/2011	K Woodruff	ResE4471	Reviewed parties' comments on CAISO renewable integration analysis as used to support proposal contract for Calpine Sutter capacity; reported to client.	0.50
12/22/2011	K Woodruff	Track 1 / Sett Imp	Analyzed Ancillary Service hourly need data for ""Trajectory Case"" as part of Study Group 2 and 3 issues.	1.25
12/23/2011	K Woodruff	Track 1 / Sett Imp	Continued analysis of AS need data; communicated with CAISO regarding development of such data.	0.75
1/3/2012	K Woodruff	Track 1 / Sett Imp	Reviewed data regarding Ancillary Services (AS) needs in various load and load-plus-renewable scenarios; communicated with CAISO.	0.75
1/4/2012	K Woodruff	Track 1 / Sett Imp	Participated in CAISO call on ""Step 1 Sensitivities"" (Study Group 2); provided CAISO feedback and data on modeling of wind and solar AS needs.	2.00

Date	Atty / Consultant	Task	Description	Time Spent
1/6/2012	K Woodruff	Track 1 / Sett Imp	Communicated with CAISO regarding status of study groups' efforts; began preparing memo to summarize views on Study Group 3 efforts (15-17% PRM - All Gas); discussed CAISO Calpine-Sutter proposal with other parties.	1.00
1/9/2012	K Woodruff	Track 1 / Sett Imp	Prepared data request for CAISO regarding Study Group 3 results and input data; discussed CAISO Calpine-Sutter proposal with other parties.	2.25
1/10/2012	K Woodruff	Track 1 / Sett Imp	Reviewed materials for 1/11 call of Study Group 2 (Step 1 sensitivities); discussed CAISO Calpine-Sutter proposal with other parties; made recommendation to client.	2.00
1/17/2012	K Woodruff	Track 1 / Sett Imp	Began reviewing materials for Study Group 1&3 joint call (stochastic or Loss of Load Probability (LOLP) modeling).	0.25
1/18/2012	K Woodruff	Track 1 / Sett Imp	Participated in Study Group 1 (stochastic simulation) conference call.	2.25
1/23/2012	K Woodruff	Track 1 / Sett Imp	Participated in portion of Study Group 2 call; researched issues for Study Group 1; reviewed Commission resolution on Calpine Sutter plant.	2.25
1/24/2012	K Woodruff	Track 1 / Sett Imp	Reviewed CAISO/E3 analysis of LOLP modeling; prepared charts to compare LOLP modeling and production cost modeling reliability methods; discussed issues with CAISO staff and consultant.	5.50
1/25/2012	K Woodruff	Track 1 / Sett Imp	Reviewed CAISO analysis of Study Group 5 results.	1.00
1/26/2012	K Woodruff	GP	Communicated with parties about potential Proposed Decision in Tracks I and III.	0.25
1/27/2012	K Woodruff	Track 1 / Sett Imp	Reviewed CEC and SCE comments on Study Group 1 simulations.	0.25
1/28/2012	K Woodruff	ResE4471	Reviewed other party's comments regarding Draft Resolution on Calpine-Sutter; communicated with client.	0.50
1/30/2012	K Woodruff	ResE4471	Helped client prepare comments in response to Commission resolution on Calpine-Sutter.	3.00

Date	Atty / Consultant	Task	Description	Time Spent
1/31/2012	K Woodruff	Track 1 / Sett Imp	Prepared for and participated in call on Study Group 5 (WECC modeling); reviewed materials for Study Group 4 (5-minute simulation); reviewed and edited client comments on CPUC's Calpine-Sutter resolution (E-4471).	4.50
2/1/2012	K Woodruff	Track 1 / Sett Imp	Prepared for and participated in CAISO call on renewable integration modeling Study Group 4 (5-minute modeling).	1.25
2/1/2012	K Woodruff	ResE4471	Completed review of parties' comments on Draft Resolution E-4471; began preparing TURN reply comments.	2.50
2/2/2012	K Woodruff	ResE4471	Prepared reply comments on DR E-4471.	2.75
2/2/2012	K Woodruff	Track 1 / Sett Imp	Reviewed data needs for wrap-up of Study Groups 1 and 3 before CAISO February 10 meeting on renewable integration modeling.	0.50
2/7/2012	K Woodruff	ResE4471	Reviewed parties reply comments on DR E-4471; prepared outline for meeting with Florio on Draft Resolution.	3.25
2/7/2012	K Woodruff	Track 1 / Sett Imp	Participated in conference call to review contents of February 10 CAISO meeting.	1.25
2/8/2012	K Woodruff	Track 1 / Sett Imp	Began reviewing CAISO slides for 2/10 meeting.	0.25
2/8/2012	K Woodruff	ResE4471	Researched information on IOU Resource Adequacy RFOs and RA positions; discussed issues with Commissioner Florio, staff and client; prepared materials related to possible changes to DR E-4471.	5.75
2/9/2012	K Woodruff	Track 1 / Sett Imp	Prepared for CAISO 2/10 meeting on renewable integration.	3.25
2/9/2012	K Woodruff	ResE4471	Discussed DR E-4471 with other parties; communicated with client.	0.75
2/10/2012	K Woodruff	Track 1 / Sett Imp	Attended CAISO stakeholder meeting on renewable integration.	7.00
2/13/2012	K Woodruff	Track 1 / Sett Imp	Prepared analysis of LOLP methods to use pursuant to 2/10 meeting and Study Group 1.	4.25
2/13/2012	K Woodruff	ResE4471	Reviewed information regarding Draft Resolution E-4471.	0.25
2/14/2012	K Woodruff	ResE4471	Reviewed California Municipal Utilities Association comments on DR E-4471.	0.50

Date	Atty / Consultant	Task	Description	Time Spent
2/14/2012	K Woodruff	Track 1 / Sett Imp	Finished comments on LOLP modeling and provided to CAISO.	3.25
2/16/2012	K Woodruff	Track 1 / Sett Imp	Researched LOLP modeling and renewable integration Ancillary Service needs in other RTOs/ISOs; provided information to CAISO.	4.75
2/17/2012	K Woodruff	Track 1 / Sett Imp	Began communicating with other ISOs/RTOs regarding LOLP modeling and renewable integration issues.	0.75
2/17/2012	K Woodruff	ResE4471	Reviewed materials regarding Commission consideration of Draft Resolution E-4471.	0.50
2/21/2012	K Woodruff	Track 1 / Sett Imp	Continued researching other RSOs/ISOs methods for computing reserve margins, setting ancillary service requirements and estimating future resource needs based on growing ancillary service requirements; reviewed Track I/III Proposed Decision; commented to client.	3.75
2/22/2012	K Woodruff	Track 1 / Sett Imp	Continued researching other RSOs/ISOs methods for computing reserve margins, setting ancillary service requirements and estimating future resource needs based on growing ancillary service requirements.	1.00
2/22/2012	K Woodruff	ResE4471	Researched Calpine's claims in February 22 letter to Commissioners.	0.50
2/23/2012	K Woodruff	Track 1 / Sett Imp	Continued researching other RSOs/ISOs methods for computing reserve margins, setting ancillary service requirements and estimating future resource needs based on growing ancillary service requirements; discussed with MISO staff.	3.00
2/23/2012	K Woodruff	ResE4471	Continued researching Calpine's claims in February 22 letter to Commissioners.	0.50
2/24/2012	K Woodruff	ResE4471	Reviewed PG&E letter to Commissioners regarding Calpine Sutter plant.	0.25
2/24/2012	K Woodruff	Track 1 / Sett Imp	Participated in CAISO conference call to complete review contents of February 10 meeting; continued researching other RTOs/ISOs' study methodologies.	5.00
2/27/2012	K Woodruff	Track 1 / Sett Imp	Continued reviewing other RSOs'/ISOs' study methodologies; discussed ERCOT (Texas) methods with its staff.	4.50

Date	Atty / Consultant	Task	Description	Time Spent
2/28/2012	K Woodruff	Track 1 / Sett Imp	Continued reviewing other RSOs'/ISOs' study methodologies.	1.00
3/1/2012	K Woodruff	Track 1 / Sett Imp	Reviewed materials provided by ISO regarding reliability and renewable integration calculations.	0.25
3/2/2012	K Woodruff	Track 1/3	Communicated with other parties regarding PD and ISO/RTO reliability and Ancillary Services needs (B.Barkovich, CLECA, and Jack Ellis).	0.50
3/8/2012	K Woodruff	Track 1 / Sett Imp	Communicated with client about renewable integration potential impacts on future Planning Reserve Margins in California.	0.25
3/9/2012	K Woodruff	Track 1/3	Discussed LTPP PD and next steps with CAISO staff (M.Rothleder).	0.25
3/12/2012	K Woodruff	Track 1/3	Reviewed parties' comments on the PD.	0.75
3/13/2012	K Woodruff	Track 1/3	Continued reviewing parties' comments on PD; provided comments to client.	0.50
3/14/2012	K Woodruff	Track 1/3	Discussed LTPP PD comments with other party (B Barkovich,CLECA).	0.25
3/19/2012	K Woodruff	Track 1/3	Reviewed and commented on client's draft reply comments (0.25); reviewed other parties' reply comments (0.25).	0.50
3/26/2012	K Woodruff	Track 1/3	Communicated with client regarding All Party meeting.	1.00
5/16/2012	K Woodruff	ResE4471	Reviewed SCE NDA for confidential Sutter Advice Letter.	0.25
5/17/2012	K Woodruff	ResE4471	Signed SCE NDA to gain access to Sutter Advice Letter.	0.25
5/21/2012	K Woodruff	ResE4471	Reviewed IOUs' confidential Advice Letters; communicated with client.	0.50
5/22/2012	K Woodruff	ResE4471	Prepared draft protest of Sutter Advice Letters.	1.50
5/23/2012	K Woodruff	ResE4471	Completed protest of Sutter Advice Letters.	2.00
1/3/2011	Marybelle Ang	GP	Review Read ASSIGNED COMMISSIONER AND ADMINISTRATIVE LAW JUDGE'S JOINT SCOPING MEMO AND RULING for background.	1.00
1/4/2011	Marybelle Ang	GP	Review Prehearing Conference Statements for background on proceeding.	6.00

Date	Atty / Consultant	Task	Description	Time Spent
1/5/2011	Marybelle Ang	Conv Bid	Review PD on convergence bidding and presentations on integration model methodologies for background catchup on proceeding; review comments on PD.	4.00
1/10/2011	Marybelle Ang	Track 2	Review IOU proposed changes on Track 2 LTPP in preparation for upcoming CPUC workshop.	2.00
1/12/2011	Marybelle Ang	Track 2	Review IOU proposed changes on Track 2 LTPP; attend CPUC workshop with IOUs' presentations.	4.00
1/12/2011	Marybelle Ang	GP	Review LTPP decisions.	1.00
1/13/2011	Marybelle Ang	Track 2	Attended Bundled Procurement Planning Tutorial. Review presentation materials from IOUs.	3.00
1/24/2011	Marybelle Ang	Track 1 / Ren Int	Review K. Woodruff's LTPP RIM reply comments.	0.50
1/26/2011	Marybelle Ang	Track 1	Review background materials on initial phases on Standardized Planning Assumptions and Procurement Rulebook, Track 1 and Track 2 scoping memos as preparation for involvement in proceeding.	4.00
1/27/2011	Marybelle Ang	Track 1	Review background materials on initial phases on Standardized Planning Assumptions and Procurement Rulebook, Track 1 and Track 2 scoping memos as preparation for involvement in proceeding.	3.50
2/1/2011	Marybelle Ang	GP	Complete and submit change to LTPP service list for TURN representation	0.75
2/27/2011	Marybelle Ang	GP	Review Scoping Memo, K. Woodruff's notes on LTPP PHC issues in preparation for upcoming PHC.	1.00
2/28/2011	Marybelle Ang	GP	Attend PHC on LTPP Track I scope and schedule. Discuss schedule preferences and issue background with K. Woodruff and other parties in attendance.	3.00
3/1/2011	Marybelle Ang	GP	Review LTPP OIR and recent ACRs for background to proceeding.	4.00
3/1/2011	Marybelle Ang	GP	Brief M. Hawiger & M. Freedman on PHC issues	0.25

Date	Atty / Consultant	Task	Description	Time Spent
3/3/2011	Marybelle Ang	Track 2	Attend meeting with PG&E and DRA discussing and clarifying proposed changes to bundled LTPP products list and assumptions. Draft follow-up email to followup on areas needing more explanation. Review PG&E existing procurement plan as background for proposed changes.	2.50
3/10/2011	Marybelle Ang	Track 1	Review Allen Ruling revising Track 1 schedule; correspondence K. Woodruff re strategy and issues for further research.	1.00
3/11/2011	Marybelle Ang	Track 1	Monitor correspondence re DRA proposed limit to scope of Track 1. Review transcript of PHC.	1.00
3/14/2011	Marybelle Ang	GP	Review DRA draft motion; correspondence to DRA with comments.	0.50
3/16/2011	Marybelle Ang	GP	Discuss key issues warranting attention w/ TURN attorneys and consultant.	1.00
3/16/2011	Marybelle Ang	695	Call in to SCE CAM Group conference call to provide an update regarding the EME Walnut Creek Project/	0.75
4/14/2011	Marybelle Ang	695	Review PD on CAM under SB 695; outline possible issues for comments.	2.25
4/20/2011	Marybelle Ang	695	Review Allen PD on CAM under SB 695; discuss with M. Hawiger. Draft email to TURN attorneys and K. Woodruff on whether to comment.	1.25
4/22/2011	Marybelle Ang	695	Review Allen PD on CAM, September 2010 Ruling on SB 695, D.06-07-029, and D.04-12-048 in R.06-02-013. Draft TURN opening comments on Allen PD.	5.00
4/25/2011	Marybelle Ang	695	Edit TURN opening comments on Allen PD in light of K. Woodruff's suggestions.	0.50
4/26/2011	Marybelle Ang	Track 2	Review SCE BPP.	2.50
4/27/2011	Marybelle Ang	695	Review parties' comments on CAM under SB 695.	2.00
4/28/2011	Marybelle Ang	Track 2	Review PG&E's nuclear liability -supplier contract language; correspond on confidential questions with PG&E attorney as part of PRG process. Research supplier contracts. Consult with M. Hawiger.	1.50

Date	Atty / Consultant	Task	Description	Time Spent
4/28/2011	Marybelle Ang	695	Review parties' comments on CAM under SB 695.	0.75
4/30/2011	Marybelle Ang	Track 2	Review PG&E BPP on nuclear liability issue. Review BPP generally to determine whether there are any proposals that will affect ratepayers. Confer with K. Woodruff.	4.00
5/2/2011	Marybelle Ang	Track 2	Research issue raised in PG&E BPP involving nuclear liability and insurance; review RESOLUTION E-4398; confer with PG&E attorney and subject matter experts on issue. Discuss preparation issues of testimony with M. Hawiger.	4.00
5/3/2011	Marybelle Ang	695	Review reply comments to PD on SB 695 and CAM	1.75
5/3/2011	Marybelle Ang	Track 2	Discuss nuclear liability contract language with followup questions with PG&E nuclear insurance expert; confer with K. Woodruff, B. Finkelstein and M. Hawiger on how to raise and brief this issue.	1.75
5/4/2011	Marybelle Ang	GP	Briefly review through other parties' testimony to get idea of what issues will be raised at hearing.	0.25
5/4/2011	Marybelle Ang	Track 2	Draft data requests for PG&E.	2.50
5/4/2011	Marybelle Ang	695	Review Allen Agenda Dec. Rev. 1 Modifying New Generation and Long-Term Contract Cost Allocation Mechanism Pursuant to Senate Bill 695; email K. Woodruff followup question.	0.25
5/6/2011	Marybelle Ang	Track 2	Edit and proofread and send data request on BPP issues to PG&E; discuss data request briefly with PG&E.	0.75
5/10/2011	Marybelle Ang	695	Review Final Decision modifying New Gen/LT CAM pursuant to SB 695.	0.10
5/12/2011	Marybelle Ang	Track 2	Discuss evidentiary hearing need with M. Hawiger in light of issues in dispute from TURN's analyses.	0.25

Date	Atty / Consultant	Task	Description	Time Spent
5/13/2011	Marybelle Ang	Track 2	Attend conference call requested by PG&E to discuss proposed briefing outline, witness and exhibit lists, necessity of evidentiary hearing. Figure out witness/exhibit list, timing of pending data request and responses.	1.25
5/15/2011	Marybelle Ang	Track 2	Correspond with parties re planned exhibits and witnesses for cross in LTPP hearings.	0.25
5/17/2011	Marybelle Ang	Track 2	Review data request responses on nuclear fuel supply plan from PG&E. Analyze whether additional followup questions needed and whether evidentiary hearing/cross is necessary given data responses.	1.75
5/18/2011	Marybelle Ang	Track 2	Prepare exhibits and talking points for May 23rd admin hearing on BPPs.	0.25
5/18/2011	Marybelle Ang	Track 2	Followup questions re nuclear fuel supply plan with PG&E.	0.25
5/19/2011	Marybelle Ang	Track 2	Prepare exhibits for May 23rd admin hearing on BPP. Discuss process with M. Hawiger of marking exhibits, etc.	0.50
5/21/2011	Marybelle Ang	GP	Review scoping memo/OIR for LTPP hearing on Monday.	1.00
5/23/2011	Marybelle Ang	GP	Prepare exhibits, attend hearing on administrative and other matters at CPUC. Respond to requests for exhibits from parties.	2.50
6/17/2011	Marybelle Ang	Track 2	Compile and edit public version segments of TURN brief in preparation for filing. Contact docket office regarding filing public and confidential sections of brief.	2.00
6/17/2011	Marybelle Ang	Track 2	Edit TURN confidential nuclear supply plan brief after some feedback.	0.25
6/17/2011	Marybelle Ang	Track 2	Draft TURN's confidential brief regarding PG&E nuclear supply plan proposals. Review PG&E data responses to TURN data requests.	6.50
6/25/2011	Marybelle Ang	Track 1 / EE	Attend LTTP workshop focusing on Energy Efficiency issues. Confer with subject matter expert on impact of program progress on ratepayers through 2012.	5.00

Date	Atty / Consultant	Task	Description	Time Spent
7/1/2011	Marybelle Ang	Track 1 / EE	Review CEC reports and edit comments in light of CEC's changes to attribution of EE savings.	2.50
7/2/2011	Marybelle Ang	Track 1 / EE	Review EE Evaluation Report's discussion of energy savings estimates and program design; edit draft comments accordingly.	2.00
7/8/2011	Marybelle Ang	Track 1 / EE	Review BBEES policies and principles; review IOUs' comments specifically on M&V results and BBEES.	3.00
7/9/2011	Marybelle Ang	Track 1 / EE	Draft reply comments to ACR on Resource Planning Assumptions - Part 3 (EE) in response to comments filed July 2nd.	3.00
10/8/2010	Matt Freedman	Track 1 / Ren Int	Review and edits to reply comments on renewable integration	1.50
11/18/2010	Matt Freedman	Track 1 / Ren Int	Review and edits to renewable integration comments	0.50
5/10/2011	Matt Freedman	Track 2	Review of opening testimony, communication with TURN attorneys re: rebuttal issues and hearings; Discussion of short-term renewable contracting concerns	1.25
5/12/2011	Matt Freedman	Track 2	TURN attorney discussion of possible evidentiary hearings and data requests	0.25
5/17/2011	Matt Freedman	Track 2	Review of SCE testimony, drafting of data request on short-term renewable contracting authority	1.50
5/18/2011	Matt Freedman	Track 2	Discussions with Marcel and Marybelle re: discovery status, evidentiary hearings and case strategy	0.50
5/19/2011	Matt Freedman	Track 1	Discussion with Kevin Woodruff re: IOU motion for delay in schedule, internal communications with TURN attorneys about response and staff coverage issues	0.75
5/23/2011	Matt Freedman	Track 2	Review of SCE data responses, coordination re: entering exhibits into evidence, review of email correspondance between various parties	1.00
5/24/2011	Matt Freedman	Track 1	Preparation for, and participation at, Commission hearing on Phase 1 modeling issues	3.50

Date	Atty / Consultant	Task	Description	Time Spent
5/31/2011	Matt Freedman	GP	Review of ALJ ruling on schedule, discussion with Kevin Woodruff about case management issues	0.75
6/8/2011	Matt Freedman	GP	Review of motions by DRA and Joint utilities for schedule changes, drafting of TURN response, conversation with Kevin Woodruff re: schedule, review of responses served by other parties	2.00
6/13/2011	Matt Freedman	GP	Review of ALJ Allen ruling on schedule, communication with Kevin Woodruff	0.75
6/16/2011	Matt Freedman	Track 2	Review of SCE data responses, drafting TURN brief on SCE short-term renewable procurement pre-approval request	4.50
6/30/2011	Matt Freedman	Track 2	Review of reply briefs on IOU BPPs	0.75
7/6/2011	Matt Freedman	Track 1	Review of ISO July 1 testimony, communications with Kevin Woodruff, initial data requests to IOUs	1.50
7/11/2011	Matt Freedman	Track 1/3	Submitting requests for confidential testimony to PG&E and SDG&E	0.25
7/13/2011	Matt Freedman	Track 1/3	Review of data requests submitted by other parties, IOU data responses	0.50
7/19/2011	Matt Freedman	Track 1/3	Preparation for, and attendance at, meeting with DRA, Pacific Environment, and CBE regarding Track 1 and 3 issue coordination, communication w/PG&E re: confidential materials	2.75
7/21/2011	Matt Freedman	Track 1 / Settlement	Communications re: settlement meeting, communication w/ Kevin Woodruff re: data responses and feedback on possible positions	0.50
7/22/2011	Matt Freedman	Track 1 / Settlement	Conference call with DRA and IOUs to discuss settlement of Track 1 issues, edits and review of TURN data request to the IOUs and CAISO	2.50
7/27/2011	Matt Freedman	Track 1 / Settlement	Participation in settlement call, edits to settlement document	1.75
7/28/2011	Matt Freedman	Track 1 / Settlement	Review of revised settlement document	0.25
7/29/2011	Matt Freedman	Track 1 / Settlement	Preparation for, and attendance at, settlement conference addressing Track 1 issues. Discussion with Kevin Woodruff re: TURN position.	4.25

Date	Atty / Consultant	Task	Description	Time Spent
8/1/2011	Matt Freedman	Track 1 / Settlement	Review and edits to settlement document, review of edits proposed by other parties, discussion with Kevin Woodruff re: upcoming testimony on Track III issues	2.75
8/2/2011	Matt Freedman	Track 1 / Settlement	Review of proposed edits to settlement document, meeting with Calpine to discuss edits, participation in settlement conference call	5.75
8/3/2011	Matt Freedman	Track 1 / Settlement	Review of settlement changes and communications, execution of document, review and edits to Track 3 testimony of Kevin Woodruff	1.25
8/3/2011	Matt Freedman	Track 1 / Settlement	Participation in ALJ conference call, review and edits to Woodruff testimony	2.00
8/4/2011	Matt Freedman	Track 1/3	Review and final edits to Woodruff testimony, review of testimony submitted by other parties	2.50
8/5/2011	Matt Freedman	Track 1/3	Review of testimony, preparation for upcoming evidentiary hearings	1.00
8/8/2011	Matt Freedman	GP	Participation in scheduling call with all parties, review of cross matrix and development of cross estimates for hearings	1.50
8/10/2011	Matt Freedman	Track 1/3	Preparation for evidentiary hearings, discussion with Matthew Tisdale, drafting of ex-parte notice	2.50
8/11/2011	Matt Freedman	Track 1/3	Preparation for, attendance at, evidentiary hearings; review and edits to Woodruff reply testimony; preparation for upcoming hearings	4.75
8/12/2011	Matt Freedman	Track 1/3	Hearing preparations	1.25
8/15/2011	Matt Freedman	Track 3	Preparation for hearings, cross exam prep for SCE witnesses	1.75
8/16/2011	Matt Freedman	Track 1 / Settlement	Meeting with Matthew Tisdale re: LTPP settlement, drafting of ex-parte notice	1.00
8/16/2011	Matt Freedman	Track 1/3	Preparation for, and attendance at, evidentiary hearings	5.25
8/16/2011	Matt Freedman	Track 1/3	Preparation for, and attendance at, evidentiary hearings	5.25
8/18/2011	Matt Freedman	Track 1	Preparation for cross examination of Calpine witness	1.25

Date	Atty / Consultant	Task	Description	Time Spent
8/19/2011	Matt Freedman	Track 1	Preparation for, and participation in evidentiary hearings, cross examination of Calpine witness	2.00
9/13/2011	Matt Freedman	Track 1/3	Drafting of LTPP opening brief	2.00
9/14/2011	Matt Freedman	Track 1/3	Drafting of LTPP opening brief	4.50
9/16/2011	Matt Freedman	Track 1/3	Final edits to LTPP opening brief	0.75
9/29/2011	Matt Freedman	Track 1/3	Review of opening LTPP briefs submitted by other parties	1.75
9/30/2011	Matt Freedman	Track 1/3	Review of opening LTPP briefs submitted by other parties, initial drafting of TURN reply brief	3.50
10/3/2011	Matt Freedman	Track 1/3	Drafting of TURN LTPP reply brief	3.25
10/14/2011	Matt Freedman	Track 1 / Ren Int	Review of Woodruff emails re: CAISO modeling process, communication with NRDC re:CAISO modeling process	0.75
11/10/2011	Matt Freedman	Track 2	Review of Allen PD on IOU bundled procurement plans	0.50
11/30/2011	Matt Freedman	Track 2	Review of Allen PD on Bundled Procurement Plan issues, discussion with Marcel re: opening comments	1.00
12/5/2011	Matt Freedman	Track 2	Review of reply comments on Allen PD	0.75
1/19/2012	Matt Freedman	ResE4471	Review of draft Resolution E-4471 and communication with Matt Tisdale and Kevin Woodruff	0.50
1/26/2012	Matt Freedman	ResE4471	Review of Kevin Woodruff notes on Draft Resolution E-4471, research on Calpine	0.25
1/27/2012	Matt Freedman	ResE4471	Review of Draft Resolution E-4471, research on Calpine, review of CAISO testimony in R.10-05-006,initial drafting of TURN opening comments	1.50
1/30/2012	Matt Freedman	ResE4471	Drafting of TURN opening comments on Draft Resolution E-4471	2.75
1/31/2012	Matt Freedman	ResE4471	Final drafting of TURN opening comments on Draft Resolution E-4471	1.50
2/5/2012	Matt Freedman	ResE4471	Review of opening comments on Draft Resolution E-4471 by other parties	1.75
2/6/2012	Matt Freedman	ResE4471	Drafting of TURN reply comments on Draft Resolution E-4471	2.25

Date	Atty / Consultant	Task	Description	Time Spent
2/8/2012	Matt Freedman	ResE4471	Preparation for, and attendance at, meeting with Commissioner Florio re: Draft Resolution E-4471	1.50
2/21/2012	Matt Freedman	Track 1/3	Review of Allen PD on Track I and III issues	0.75
3/19/2012	Matt Freedman	Track 1/3	Review of opening comments on ALJ PD submitted by parties, drafting of TURN reply comments	2.25
3/25/2012	Matt Freedman	Track 1/3	Preparation for all-party ex-parte meeting with Florio/Sandoval, review of case materials	1.00
3/26/2012	Matt Freedman	Track 1/3	Participation in all-party ex-parte meeting with Commissioners Florio and Sandoval	2.50
5/16/2012	Matt Freedman	ResE4471	Review of SCE, PG&E, SDG&E advice letters on Sutter (re: ResE4471), request to each IOU for confidential versions, review of NDAs	1.00
5/18/2012	Matt Freedman	ResE4471	Review of confidential materials associated with SCE advice letter on Sutter	0.50
5/23/2012	Matt Freedman	ResE4471	Review of Woodruff draft, edits and additional drafting for TURN protest to Sutter Advice letters	1.25
6/20/2012	Matt Freedman	Comp	Preparation of compensation request	5.00
6/21/2012	Matt Freedman	Comp	Preparation of compensation request	5.00
6/22/2012	Matt Freedman	Comp	Preparation of compensation request	4.00
6/24/2012	Matt Freedman	Comp	Preparation of compensation request	3.00
5/28/2010	Mike Florio	GP	Revew OIR and ALJ ruling, email team	3.00
6/3/2010	Mike Florio	GP	Draft comments on scope & schedule	2.00
6/7/2010	Mike Florio	GP	Revew party comments on scope & schedule	1.50
6/11/2010	Mike Florio	Track 1	Attend WS on planning stnds & rulebook	5.00
6/14/2010	Mike Florio	GP	Attend PHC and discuss	2.75
6/17/2010	Mike Florio	GP	Review documents and confer w/ Reid	0.50
6/21/2010	Mike Florio	GP	Review party comments	0.50
6/22/2010	Mike Florio	GP	Review ALJ rulings on EE& RPS issues	0.75
6/23/2010	Mike Florio	Track 1	Revew party comments for reply	1.25
6/25/2010	Mike Florio	Track 1 / EE	Draft ex parte for Mitchell-Tisdale call	0.25

Date	Atty / Consultant	Task	Description	Time Spent
6/25/2010	Mike Florio	Track 1	Draft comments on Alt Plans & PHC statemts	3.00
6/29/2010	Mike Florio	Track 1	Review 6/28 reply comments	0.25
6/29/2010	Mike Florio	Track 1 / EE	Meeting w/ Tisdale	0.25
7/2/2010	Mike Florio	Track 1 / EE	Edit draft comments on EE; review others'	1.25
7/21/2010	Mike Florio	Track 1	Meeting w/ E.D. re: rulebook matters	1.25
7/22/2010	Mike Florio	Conv Bid	Review comments on Virtual Bidding	0.75
7/26/2010	Mike Florio	Conv Bid	Attend afternoon portion of technical workshop	2.50
7/29/2010	Mike Florio	Conv Bid	Draft comments on VB	0.75
7/30/2010	Mike Florio	Conv Bid	Finish VB comments	0.25
8/10/2010	Mike Florio	Conv Bid	PG&E PRG meeting on VB strategies	2.00
8/12/2010	Mike Florio	Comp	Draft NOI w/ hardship claim	1.00
8/13/2010	Mike Florio	Conv Bid	Review SCE proposal	0.75
8/18/2010	Mike Florio	Track 1 / Ren Int	Review CAISO & PG&E materials for WS	2.25
8/18/2010	Mike Florio	Conv Bid	Review IOU proposals	0.75
8/19/2010	Mike Florio	GP	Review proposed SCE NDA	0.25
8/19/2010	Mike Florio	Track 1 / Ren Int	Review materials for workshop	0.25
8/20/2010	Mike Florio	Conv Bid	Review VB proposals and memo to Kevin	0.50
8/24/2010	Mike Florio	Track 1 / Ren Int	Attend workshop at PUC	8.25
8/25/2010	Mike Florio	Track 1 / Ren Int	Attend workshop at PUC	7.50
8/26/2010	Mike Florio	Conv Bid	Prep for drafting comments on proposals	0.75
8/27/2010	Mike Florio	Conv Bid	Draft comments on IOU proposals	2.00
8/30/2010	Mike Florio	Conv Bid	Review party comments	0.50
9/7/2010	Mike Florio	Conv Bid	Review reply comments	0.25
9/20/2010	Mike Florio	Track 1 / Ren Int	Review first draft of comments	1.00
9/21/2010	Mike Florio	Track 1 / Ren Int	Edit comments on RIMs	2.25
9/29/2010	Mike Florio	695	Review ruling and other docs	0.25
9/30/2010	Mike Florio	695	Research & draft comments on 695/CAM	3.50
10/1/2010	Mike Florio	695	Finish comments & review others'	1.00
10/7/2010	Mike Florio	695	Draft reply comments on 695/CAM	2.00
10/7/2010	Mike Florio	Track 1 / Ren Int	Edit reply comments on integration	1.75
10/8/2010	Mike Florio	Track 1 / Ren Int	Finish edits to reply comments	0.50
10/10/2010	Mike Florio	695	Review parties' reply comments	0.50

Date	Atty / Consultant	Task	Description	Time Spent
10/21/2010	Mike Florio	Track 1 / Ren Int	Review PG&E slides for workshop	0.50
10/22/2010	Mike Florio	Track 1 / Ren Int	Attend workshop at PUC	6.50
11/18/2010	Mike Florio	Track 1 / Ren Int	Review and edit draft comments	0.75
11/21/2010	Mike Florio	Track 1 / Ren Int	Edit comments	1.00
11/22/2010	Mike Florio	Conv Bid	Review PD	0.75
11/24/2010	Mike Florio	Track 1 / Ren Int	Review solar variability paper for WS	0.25
11/30/2010	Mike Florio	Track 1 / Ren Int	Attend workshop on renewable integration	6.00
12/3/2010	Mike Florio	Conv Bid	Draft comments on PD	2.25
12/5/2010	Mike Florio	Conv Bid	Review PG&E/SDG&E and finish comments	1.00
12/13/2010	Mike Florio	Conv Bid	Review reply comments	0.25
12/14/2010	Mike Florio	Conv Bid	Review revised PD	0.25
12/19/2010	Mike Florio	GP	Review party PHC statements	1.00
12/20/2010	Mike Florio	GP	Attend PHC	2.25
1/3/2011	Mike Florio	Track 1 / Ren Int	Review CAISO papers on integration issues	1.50
5/27/2010	Marcel Hawiger	GP	Read portions of OIR re scope and issues	0.50
6/1/2010	Marcel Hawiger	GP	Read ALJ Ruling setting schedule	0.25
6/14/2010	Marcel Hawiger	GP	Read SCE response re procedural plan for addressing issues in proceeding	0.25
6/22/2010	Marcel Hawiger	GP	Read ALJ Rulings re planning assumptions for EE (part 3) and renewables (part 2)	0.50
7/7/2010	Marcel Hawiger	Track 1 / EE	TC mtg w/ Jeff and Cynthia re DR forecast issues	0.25
1/12/2011	Marcel Hawiger	Track 2	Attend workshop with utility presentations on their bundled procurement plans (Track 2)	2.25
3/3/2011	Marcel Hawiger	GP	Read internal emails from MA and KW summarizing PHC and upcoming issues	0.25
3/3/2011	Marcel Hawiger	Track 2	Mtg w/ PG&E and DRA to go over changes in Bundled PP and issues	1.50
3/9/2011	Marcel Hawiger	GP	Internal TURN mtg with Kevin to discuss issues for Track 1, 2 and 3, schedule and plan of action for coverage and issue allocation	1.25

Date	Atty / Consultant	Task	Description	Time Spent
3/11/2011	Marcel Hawiger	Track 2	Email communication with Kevin and DRA re amending scope of Track 2 to move load and resource issues to Track 1; review prior scoping rulings; read and edit proposed DRA motion to amend Track 2 bundled plans	2.25
3/15/2011	Marcel Hawiger	Track 2	Edit revised motion for clarification re Track 2 bundled plans and planning assuptions	0.50
3/18/2011	Marcel Hawiger	Track 2	Review notes re biogas for RPS compliance in GSP	0.25
3/21/2011	Marcel Hawiger	Track 2	PGE PRG re hedging plan to be submitted w/ Tr. 2 bundled plan	1.50
4/19/2011	Marcel Hawiger	Track 2	Read model NDA; deal with confidentiality issues for BPP	0.25
4/20/2011	Marcel Hawiger	Track 2	Read confidential GSP portion of PG&E's BPP; Write DR re GSP and biogas	2.25
4/21/2011	Marcel Hawiger	Track 2	Write DR re PG&E's GSP (biomethane, storage balancing and reliability targets)	2.25
4/22/2011	Marcel Hawiger	Track 2	Review DR 01-5 to PG&E re renewable premiums to prepare for TC w/ pGe	0.25
4/25/2011	Marcel Hawiger	Track 2	TC w/ PG&E to clarify DR 01-5; emails w/ Kevin re DR and 'renewable premium""	0.75
4/26/2011	Marcel Hawiger	Track 2	Read PG&E BPP re electric procurement (ch.2); internal email re issues for May 4 testimony	0.75
4/26/2011	Marcel Hawiger	Track 2	Emails re adopted PO; send NDAs to Carol (SCE)	0.25
5/2/2011	Marcel Hawiger	Track 2	Review PG&E responses to DR re biomethane and gas supply plan; Review gas tariffs; TC w/ Kevin re issues and testimony; Write additional questions for PG&E	2.25
5/3/2011	Marcel Hawiger	Track 2	Draft testimony re biomethane contracts for PG&E GSP	3.00
5/4/2011	Marcel Hawiger	Track 2	TC mtg w/ MBA re nuclear liability issue - read confidential appndix C, discuss issues, data requests, cross questions, etc.	1.25
5/4/2011	Marcel Hawiger	Track 2	Emails w/ matt and kevin re biomethane portion of PG&E's GSP	0.50

Date	Atty / Consultant	Task	Description	Time Spent
5/5/2011	Marcel Hawiger	Track 2	Skim testimonies of EPUC, PE, CEERT, DRA, CBE on various issues to identify issues of concern to TURN (biomethane, short term renewables contracting, nuclear fuel, gas supply plan)	0.75
5/6/2011	Marcel Hawiger	Track 2	Read DRA testimony on most issues	1.25
5/10/2011	Marcel Hawiger	Track 2	Read SCE testimony re short term renewables contracting; read DRA testimony; internal email memo re issue of short term renewables procurement authority; research short term contracts in RPS database; mtg w/ Matt to discuss issues and testimony/briefs	2.25
5/11/2011	Marcel Hawiger	Track 2	Write motion for evidentiary hearings; review rulings	0.75
5/11/2011	Marcel Hawiger	Track 2	Read email re TC on May 13 to discuss hearings; Read ALJ Ruling of Feb 18	0.25
5/12/2011	Marcel Hawiger	Track 2	Mtg w/ MB and MF re issues and need for hearings in response to PG&E; TC w/ PG&E re resolving issues w/o hearings (0.5)	1.00
5/13/2011	Marcel Hawiger	Track 2	Write DR 02 re biomethane	0.25
5/13/2011	Marcel Hawiger	Track 2	Email response to all parties re common briefing outline	0.25
5/13/2011	Marcel Hawiger	Track 2	Write DR 02 to PG&E re biomethane and RPS	0.75
5/13/2011	Marcel Hawiger	Track 2	All-party TC to discuss exhibit list, briefing outline	0.75
5/17/2011	Marcel Hawiger	Track 2	Review rebuttal testimonies (DRA, SCE, CARE, PE)	0.50
5/19/2011	Marcel Hawiger	Track 2	Review PG&E responses to DR 04 (biomethane); prepare exhibits for Monday hearing; Mtg w/ MB re Monday hearing, introducing and moving exhibits	0.75
5/21/2011	Marcel Hawiger	Track 2	Review SCE responeses re renewable procurement; send emails to Matt and MB to deal with Monday hearing	0.50
6/13/2011	Marcel Hawiger	Track 2	Draft opening brief on PG&E GSP and biomethane	1.00
6/13/2011	Marcel Hawiger	Track 2	Draft opening brief on PG&E GSP and biomethane	1.00

Date	Atty / Consultant	Task	Description	Time Spent
6/16/2011	Marcel Hawiger	Track 2	Finalize opening brief re GSP and biomethane	3.50
6/16/2011	Marcel Hawiger	Track 2	Finalize opening brief re GSP and biomethane	3.50
6/17/2011	Marcel Hawiger	Track 2	Finalize brief on PG&E GSP w/ Matt's edits; emails re filing	0.75
6/17/2011	Marcel Hawiger	Track 2	Finalize brief on PG&E GSP w/ Matt's edits; emails re filing	0.75
8/31/2011	Marcel Hawiger	Track 2	Review transcripts from EH	0.50
9/20/2011	Marcel Hawiger	Track 2	Read reply comments of Shell, Clean Energy re classification of biogas contracts	0.50
9/20/2011	Marcel Hawiger	Track 2	Reseeach SBx2 and legal aspects of ""use"" (PRC 25741) and buckets (PUC 399.16) as relates to CEC delivery criteria for eligibility	0.75
11/30/2011	Marcel Hawiger	Track 2	Write comments on PD (review briefs to summarize issues)	0.75
11/30/2011	Marcel Hawiger	Track 2	Read Allen PD on BPP	1.50

Attachment 3
Cost Detail

Case #/name: R10-05-006

Date	Activity	Description	Billed
6/4/2010	Photocopies	Comments on the Preliminary Scoping Memo and Schedule. 6pp x 2cc	$2.40
6/25/2010	Photocopies	Comments on Alternative Proposals and Prehearing Conference Statements. 10pp x 2cc	$4.00
6/25/2010	Photocopies	Late-Filed Notice of Ex Parte Communication. 3pp x 2cc	$1.20
6/28/2010	Photocopies	Reply Comments. 5pp x 2cc	$2.00
7/2/2010	Photocopies	Notice of Ex Parte Communication. 3pp x 2cc	$1.20
7/2/2010	Photocopies	Comments on the Administrative Law Judge's June 22, 2010 Ruling on Resource Planning Assumptions - Part 3 (Energy Efficiency) - Track 1. 14pp x 2cc	$5.60
7/9/2010	Photocopies	Reply Comments on the Administrative Law Judge's June 22, 2010 Ruling on Resource Planning Assumptions - Part 3 (Energy Efficiency) - Track 1. 5pp x 2cc	$2.00
8/13/2010	Photocopies	Notice of Intent to Claim Intervenor Compensation. 16pp x 2cc	$6.40
8/30/2010	Photocopies	Comments on Virtual Bidding Proposals. 8pp x 2cc	$3.20
9/24/2010	Photocopies	Amended Comments on Renewables Integration Models. 29pp x 2cc	$11.60
10/1/2010	Photocopies	Comments on Implementation of SB 695. 10pp x 2cc	$4.00
10/8/2010	Photocopies	Reply Comments on Implementation of SB 695. 6pp x 2cc	$2.40
10/8/2010	Photocopies	Reply Comments on Renewables Integration Models. 25pp x 2cc	$10.00
11/22/2010	Photocopies	Comments on Renewables Integration Models. 12pp x 2cc	$4.80
12/6/2010	Photocopies	Comments on the Proposed Decision of ALJ Kolakowski Regarding Convergence Bidding. 4pp x 3cc	$2.40
1/14/2011	Photocopies	Comments in Response to December 23 ALJ Ruling. 14pp x 2cc	$5.60
8/11/2011	Photocopies	Colour Drop Inv. 30458; 55 pages	$5.50
8/16/2011	Photocopies	Colour Drop Inv. 30469; 40 pages	$4.34

Date	Activity	Description	Billed
9/16/2011	Photocopies	Copies of Opening Brief of The Utility Reform Network on Track 1 and Track 3 Issues for Commissioner and ALJ	$4.80
10/3/2011	Photocopies	Copies of Reply Brief of The Utility Reform Network on Track 1 and Track 2 Issues for Commissioner and ALJ	$4.00
12/2/2011	Photocopies	Copies of Comments of The Utility Reform Network on the Proposed Decision of ALJ Allen in Track II of the 2010 LTPP to the Commissioner and ALJ	$1.20
3/19/2012	Photocopies	Copies of Reply Comments of The Utility Reform Network on the Proposed Decision of ALJ Peter Allen on Track I and Track III Issues for the Commissioner and ALJ	$2.00
Total: $Copies			$90.64
6/23/2010	Hotel	Lodging for meetings NRDC & DRA	$228.84
8/25/2010	Hotel	Hotel in S.F. (inc. some meals)	$336.64
8/16/2011	Hotel	Hotel in S.F. (including breakfast)	$149.01
Total: $Lodging			$714.49
2/15/2011	Phone/Fax	Sprint Invoice; $0.03	$0.03
5/15/2011	Phone/Fax	Sprint Invoice; $3.64	$3.64
Total: $Phone			$3.67
6/4/2010	Postage	Comments on the Preliminary Scoping Memo and Schedule. 6pp x 2cc	$2.10
6/25/2010	Postage	Late-Filed Notice of Ex Parte Communication. 3pp x 2cc	$2.10
6/25/2010	Postage	Comments on Alternative Proposals and Prehearing Conference Statements. 10pp x 2cc	$2.10
7/2/2010	Postage	Comments on the Administrative Law Judge's June 22, 2010 Ruling on Resource Planning Assumptions - Part 3 (Energy Efficiency) - Track 1. 14pp x 2cc	$2.44
7/9/2010	Postage	Reply Comments on the Administrative Law Judge's June 22, 2010 Ruling on Resource Planning Assumptions - Part 3 (Energy Efficiency) - Track 1. 5pp x 2cc	$2.10

Date	Activity	Description	Billed
8/13/2010	Postage	Notice of Intent to Claim Intervenor Compensation. 16pp x 2cc	$2.10
8/30/2010	Postage	Comments on Virtual Bidding Proposals. 8pp x 2cc	$2.10
9/24/2010	Postage	Amended Comments on Renewables Integration Models. 29pp x 2cc	$2.44
10/1/2010	Postage	Comments on Implementation of SB 695. 10pp x 2cc	$2.10
10/8/2010	Postage	Reply Comments on Renewables Integration Models. 25pp x 2cc	$2.44
10/8/2010	Postage	Reply Comments on Implementation of SB 695. 6pp x 2cc	$2.10
11/22/2010	Postage	Comments on Renewables Integration Models. 12pp x 2cc	$2.10
12/6/2010	Postage	Comments on the Proposed Decision of ALJ Kolakowski Regarding Convergence Bidding. 4pp x 3cc	$2.64
1/14/2011	Postage	Comments in Response to December 23 ALJ Ruling. 14pp x 2cc	$2.10
8/18/2011	Postage	Notice of Ex Parte Communication	$1.76
9/16/2011	Postage	Postage to mail copies of Opening Brief of The Utility Reform Network on Track 1 and Track 3 Issues to Commissioner and ALJ	$2.16
10/3/2011	Postage	Postage to mail copies of Reply Brief of The Utility Reform Network on Track 1 and Track 2 Issues to the Commissioner and ALJ	$2.16
12/2/2011	Postage	Postage to mail copies of Comments of The Utility Reform Network on the Proposed Decision of ALJ Allen in Track II of the 2010 LTPP to the Commissioner and ALJ	$2.16
3/19/2012	Postage	Postage to mail copies of Reply Comments of The Utility Reform Network on the Proposed Decision of ALJ Peter Allen on Track I and Track III Issues to the Commissioner and ALJ	$2.20
Total: $Postage			$41.40

June 25, 2010

HOTEL WHITCOMB
SAN FRANCISCO

Reservation Number 310649

Send to **Cynthia Mitchell**
530 colegate ct
RENO, NV 89503

Phone 635208

Guest Name	Cynthia Mitchell	**Arrival Date**	**Departure Date**
Company	Turn	6/23/2010	6/25/2010
		Room Information	284 - Non Smoking Queen

Bill To Mitchell, Cynthia
530 colegate ct
RENO, NV 89503
Billing Num: 635208

Folio Number 452116

Trans Date	Description			Voucher	Amount
Charges					
6/23/2010	Guest Room Charge	Turn Inc.		hw -284	99.00
6/23/2010	Room Tax			hw -284	13.86
6/23/2010	Tourism District Assessment			hw -284	1.49
6/23/2010	California Tourism Tax			hw -284	0.07
6/24/2010	Guest Room Charge	Turn Inc.		hw -284	99.00
6/24/2010	Room Tax			hw -284	13.86
6/24/2010	Tourism District Assessment			hw -284	1.49
6/24/2010	California Tourism Tax			hw -284	0.07
	Total Charges				228.84
Payments					
6/25/2010	Visa	############2231	082095	0000194926	-228.84
	Total Payments				-228.84
				Balance Due:	**0.00**

	Total
Total Tax	**$0.00**

I agree to remain personally liable for the payment of this account if the corporation or other third party fails to pay part or all of these charges

Guest Signature: _____

August .

HOTEL WHITCOMB
SAN FRANCISCO

Reservation Number 333609

Send to **Kevin Woodruff**
2741 Coleman Way
Sacramento, CA 95818

Phone 916-747-1295

Guest Name Kevin Woodruff

Arrival Date	**Departure Date**
8/23/2010	8/25/2010

Room Information 552 - Non Smoking Queen

Bill To Woodruff, Kevin
2741 Coleman Way
Sacramento, CA 95818
Billing Num: 916-747-1295

Folio Number 487208

Trans Date	Description			Voucher	Amount
Charges					
8/23/2010	Restaurant Dining			1509-2740	58.64
8/23/2010	Guest Room Charge	Best Avaliable Rate		hw -552	99.00
8/23/2010	Room Tax			hw -552	13.86
8/23/2010	Tourism District Assessment			hw -552	1.49
8/23/2010	California Tourism Tax			hw -552	0.07
8/24/2010	Restaurant Dining			1519-5641	21.89
8/24/2010	Guest Room Charge	Best Avaliable Rate		hw -552	99.00
8/24/2010	Room Tax			hw -552	13.86
8/24/2010	Tourism District Assessment			hw -552	1.49
8/24/2010	California Tourism Tax			hw -552	0.07
8/25/2010	Restaurant Dining			1604-2912	27.27
	Total Charges				336.64
Payments					
8/25/2010	American Express	############1004	245486	0000208891	-336.64
	Total Payments				-336.64
				Balance Due:	**0.00**

I agree to remain personally liable for the payment of this account if the corporation or other third party falls to pay part or all of these charges

Guest Signature: _____

August 16, 2011

HOTEL WHITCOMB
SAN FRANCISCO

Reservation Number 432974

Send to **Kevin Woodruff**

Phone 847825

Guest Name Kevin Woodruff

Arrival Date 8/15/2011

Departure Date 8/16/2011

Room Information 515 - Non Smoking King

Bill To Woodruff, Kevin

Billing Num: 847825

Folio Number 645623

Trans Date	Description			Voucher	Amount
Charges					
8/15/2011	Guest Room Charge	BAR RATE		hw -515	109.00
8/15/2011	Room Tax			hw -515	15.26
8/15/2011	Tourism District Assessment			hw -515	1.64
8/15/2011	California Tourism Tax			hw -515	0.08
8/16/2011	Restaurant Dining			1750-0922	23.03
	Total Charges				149.01
Payments					
8/16/2011	Visa	############9023	05564C	0000272098	-149.01
	Total Payments				-149.01
				Balance Due:	**0.00**

Total

Total Tax **$0.00**

I agree to remain personally liable for the payment of this account if the corporation or other third party fails to pay part or all of these charges

Guest Signature: _____

Sprint

TURN
SPRINT BUSINESS FLEX (SM) DIAL-1
Account #: 441234274

Billing Period Ending: 2/15/11
Customer Number: 921291689

Itemization of Calls

ACCOUNTING CODE: 51
ORIGINATING NUMBER: 415 953-5037

Nbr	Date	Time	*	Called Location		Called Nbr	Minutes	Charges
1	2/15/11	10:22 AM	D	EL CAJON	CA	619 599-8132	.3	$.02
2	2/15/11	10:25 AM	D	SNDG SNDG	CA	619 594-8132	20.0	.84
TOTAL FOR 415 953-5037							**216.3**	**$10.54**
TOTAL FOR 51							**216.3**	**$10.54**

R10-05-006

ACCOUNTING CODE: 70
ORIGINATING NUMBER: 415 953-5037

3	2/15/11	3:03 PM	D	ALHAMBRA	CA	626 302-4588	.6	$.03
TOTAL FOR 415 953-5037							**.6**	**$.03**
TOTAL FOR 70							**.6**	**$.03**

ACCOUNTING CODE: 87
ORIGINATING NUMBER: 415 953-5037

4	2/07/11	2:08 PM	D	ALHAMBRA	CA	626 302-4588	.3	$.02
5	2/10/11	1:23 PM	D	WASHINGTON	DC	202 835-6147	.3	.03
6	2/10/11	3:36 PM	D	SUNNYVALE	CA	408 543-1032	.8	.04
7	2/15/11	12:49 PM	D	SCRM MAIN	CA	916 858-2400	.3	.02
TOTAL FOR 415 953-5037							**1.7**	**$.11**
TOTAL FOR 87							**1.7**	**$.11**

A09-08-020

ACCOUNTING CODE: 90
ORIGINATING NUMBER: 415 953-5037

8	1/20/11	3:16 PM	D	RAMONA	CA	760 787-0794	.3	$.02
9	1/20/11	3:17 PM	D	RAMONA	CA	760 787-0794	.6	.03
TOTAL FOR 415 953-5037							**.9**	**$.05**
TOTAL FOR 90							**.9**	**$.05**

A10-07-007

ACCOUNTING CODE: 93
ORIGINATING NUMBER: 415 953-5037

10	1/25/11	12:50 PM	D	LA JOLLA	CA	858 558-7930	8.7	$.37
TOTAL FOR 415 953-5037							**8.7**	**$.37**
TOTAL FOR 93							**8.7**	**$.37**

R09-11-019

ACCOUNTING CODE: 94
ORIGINATING NUMBER: 415 953-5037

11	1/31/11	2:50 PM	D	ALHAMBRA	CA	626 302-2570	2.2	$.10
12	1/31/11	2:54 PM	D	LSAN DA 01	CA	213 244-2954	.3	.02
13	1/31/11	3:02 PM	D	RENO	NV	775 324-5300	4.7	.32
14	1/31/11	3:40 PM	D	LSAN DA 01	CA	213 244-2954	2.3	.10
15	2/15/11	1:20 PM	D	RENO	NV	775 324-5300	21.4	1.44
TOTAL FOR 415 953-5037							**30.9**	**$1.98**
TOTAL FOR 94							**30.9**	**$1.98**

Itemization of Calls

ACCOUNTING CODE: 43
ORIGINATING NUMBER: 415 953-5037

R 09-06-019

Nbr	Date	Time	*	Called Location		Called Nbr	Minutes	Charges
1	5/09/11	9:29 AM	D	SNDG SNDG	CA	619 298-3396	.6	$.03
TOTAL FOR 415 953-5037							**.6**	**$.03**
TOTAL FOR 43							**.6**	**$.03**

ACCOUNTING CODE: 51
ORIGINATING NUMBER: 415 953-5037

2	4/18/11	2:55 PM	D	SANBARBARA	CA	805 569-5558	.8	$.04
3	4/19/11	10:33 AM	D	WASHINGTON	DC	202 261-1424	.6	.05
4	4/20/11	1:38 PM	D	WASHINGTON	DC	202 216-1424	.4	.03
5	4/20/11	1:39 PM	D	WASHINGTON	DC	202 261-1424	.7	.05
6	4/21/11	9:22 AM	D	SCRM MAIN	CA	916 709-4300	10.3	.44
7	4/21/11	9:34 AM	D	WASHINGTON	DC	202 216-1424	.3	.03
8	4/21/11	9:35 AM	D	WASHINGTON	DC	202 261-1424	.5	.04
9	4/21/11	9:39 AM	D	WASHINGTON	DC	202 256-3152	1.3	.09
10	4/21/11	1:30 PM	D	WASHINGTON	DC	202 256-3156	.3	.03
11	4/21/11	1:30 PM	D	WASHINGTON	DC	202 256-3152	1.5	.11
12	4/21/11	3:05 PM	D	NEW YORK	NY	212 765-8212	.3	.03
13	4/22/11	9:29 AM	D	NEW YORK	NY	212 440-0749	.3	.03
14	4/22/11	10:06 AM	D	FRESNO	CA	559 490-6010	3.6	.16
15	4/26/11	1:02 PM	D	MAHNOMEN	MN	218 936-4700	106.1	7.11
16	4/27/11	5:10 PM	E	ALHAMBRA	CA	626 302-3630	.9	.04
17	5/04/11	12:17 PM	D	WASHINGTON	DC	202 342-1903	.8	.06
18	5/04/11	12:36 PM	D	SAN MONICA	CA	310 581-2700	1.1	.05
19	5/04/11	12:38 PM	D	SCRM MAIN	CA	916 319-3600	37.7	1.59
20	5/05/11	11:27 AM	D	KNOXVILLE	TN	865 690-4319	4.9	.33
21	5/05/11	11:45 AM	D	NEW YORK	NY	212 509-1600	1.4	.10
22	5/09/11	10:01 AM	D	LSAN DA 13	CA	323 857-0526	10.0	.42
23	5/09/11	12:02 PM	D	MAHNOMEN	MN	218 936-4700	74.9	5.02
24	5/09/11	3:15 PM	D	VALLEJO	CA	707 553-9000	2.1	.09
25	5/10/11	3:05 PM	D	SNDG SNDG	CA	619 708-3367	26.2	1.11
26	5/13/11	10:50 AM	D	SCRM MAIN	CA	916 709-4300	.6	.03
27	5/13/11	4:16 PM	D	LA JOLLA	CA	858 337-2703	12.8	.54
TOTAL FOR 415 953-5037							**300.4**	**$17.62**
TOTAL FOR 51							**300.4**	**$17.62**

ACCOUNTING CODE: 59
ORIGINATING NUMBER: 415 953-5037

R 06-05-028

28	4/27/11	9:57 AM	D	IRVINE	CA	949 202-1057	67.8	$2.85
TOTAL FOR 415 953-5037							**67.8**	**$2.85**
TOTAL FOR 59							**67.8**	**$2.85**

ACCOUNTING CODE: 70
ORIGINATING NUMBER: 415 953-5037

R 10-05-006

29	4/21/11	10:31 AM	D	ALHAMBRA	CA	626 302-1337	1.7	$.08
30	4/21/11	12:25 PM	D	SCRM MAIN	CA	916 442-4877	.9	.04
31	5/03/11	2:05 PM	D	SANTA CRUZ	CA	831 476-5700	1.2	.06
32	5/11/11	2:03 PM	D	FRNK MAIN	CA	510 896-8013	.7	.03
33	5/12/11	10:04 AM	D	SCRM MAIN	CA	916 372-0534	81.6	3.43
TOTAL FOR 415 953-5037							**86.1**	**$3.64**
TOTAL FOR 70							**86.1**	**$3.64**