Decision \_\_\_\_\_

# **BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA**

Order Instituting Rulemaking to Consider	Rulemaking No. 05-12-013
Refinements to and Further Development of the	(Filed December 15, 2005)
Commission's Resource Adequacy Requirements	
Program.	Phase 2, Track 2

# CLAIM AND DECISION ON REQUEST FOR INTERVENOR COMPENSATION

Claimant: The Utility Reform Network	For contribution to D.10-06-018					
Claimed (\$): \$ 238,366	Awarded (\$):					
Assigned Commissioner: Peevey	Assigned ALJ: Wetzell					

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: August 4, 2010 Printed Name:	Michel Peter Florio, Senior Attorney

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

- A. Brief Description of Decision: D.10-06-018 determined that a centralized capacity market should not be adopted in California at this time and found that the proposal of the Bilateral Trading Group (BTG), of which TURN was an active member, best met the Commission's policy goals for Resource Adequacy (RA). The decision also closed R.05-12-013, and brought an end to five years of work for TURN and other parties on capacity market structure and related issues.
- **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 (§ 18	.04(a)):
1. Date of Prehearing Conference:	February 3, 2006	
2. Other Specified Date for NOI:		
3. Date NOI Filed:	March 6, 2006	
4. Was the notice of intent timely filed?		
Showing of customer or custom	er-related status (§ 1802(	b)):
5. Based on ALJ ruling issued in proceeding number:	R.05-12-013, the instant proceeding	
6. Date of ALJ ruling:	April 10, 2006	
7. Based on another CPUC determination (specify):		
8. Has the claimant demonstrated customer or customer	r-related status?	
Showing of "significant finan	cial hardship" (§ 1802(g)	):
9. Based on ALJ ruling issued in proceeding number:	R.05-12-013, the instant proceeding	
10. Date of ALJ ruling:	April 10, 2006	
11. Based on another CPUC determination (specify):		
12. Has the claimant demonstrated significant financial	hardship?	
Timely request for com	pensation (§ 1804(c)):	
13. Identify Final Decision	D.10-06-018	
14. Date of Issuance of Final Decision:	June 7, 2010	
15. File date of compensation request:	August 4, 2010	
16. Was the request for compensation timely?		

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

#	Claimant	CPUC	Comment
1	x		This is TURN's third request for compensation in this docket. TURN's prior requests in Phase 1 and in Phase 2, Track 1 were addressed by D.07-03-011 and D.08-04-034. None of the hours or expenses claimed in those earlier requests are included in this filing.

# **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 <u>specific</u> reference to final or record.)

Contribution	Citation to Decision or Record	Showing Accepted by CPUC
TURN was instrumental in forming, and an active member of, the Bilateral Trading Group (BTG). The BTG's proposal for incremental improvements to the existing bilateral RA procurement framework, rather than adoption of a centralized capacity market, was found most consistent with the Commission's RA policy goals.	BTG proposal filed 3/30/07 and subsequent written comments; D.10- 06-018, page 3.	
TURN filed individual reply comments on 3/14/08 opposing AReM's proposal for an opt-out from the CAM cost allocation mechanism.	D.10-06-018 rejected AReM's proposal, citing TURN's criticisms, at page 74.	
TURN filed separate opening and reply comments on the original PD on 12/2/09 and 12/11/09, arguing that the PD's legal analysis was incorrect and opposing the multi-year forward procurement obligation adopted by the PD.	The original PD was revised in a manner consistent with TURN's comments on 3/30/10 and ultimately adopted by the Commission in D.10-06-018.	
TURN's initial comments and reply comments regarding the staff Capacity Markets White Paper, filed 9/23/05 and 10/11/05 in R.04-04-003 and incorporated into the record of this proceeding by the 12/15/05 OIR (OP 3, page 11) urged a "go slow" approach with respect to this Commission's consideration of a centralized capacity market.	The scoping memo for Phase 2 issued 12/22/06 found that "great care must be taken in developing a complete, fully vetted record on centralized capacity markets and alternatives such as bilateral trading" (p.14) and adopted a schedule that allowed time for TURN and other like-minded parties to form the BTG coalition and develop a comprehensive alternative proposal, which the Commission largely adopted in D.10-06-018.	
In the ALJ ruling dated 2/28/07 parties were "encouraged to form coalitions and file joint proposals on as many Track 2	TURN took this advice to heart and worked with a diverse group of parties to form the BTG and present	

topics as possible" (p.3).	a joint proposal that was supported
	by many different interests
	throughout the industry.

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

		Claimant	CPUC Verified
a.	Was DRA a party to the proceeding? (Y/N)	Yes	
b.	Were there other parties to the proceeding? (Y/N)	Yes, many	
c.	If so, provide name of other parties:		
	See service list for R.05-12-013 in attached certificate of service involved in the California electric industry were parties to this is the IOUs, the CAISO, generators, marketers, retailers, and end included, at various times, in addition to TURN and DRA, APS California Electricity Oversight Board, the California Large En Association, the California Manufacturers and Technology Ass County of San Francisco, the Energy Users Forum, J. Aron and Energy, L.L.C., and Shell Energy North America (US), L.P., or organizations.	broceeding, including users. The BTG Energy Services, the ergy Consumers ociation, the City and Company, Direct	
d.	Describe how you coordinated with DRA and other parties or how your participation supplemented, complemented, or of another party:	-	
	TURN actively worked with a broad coalition of parties with d develop a consensus set of proposals for presentation as the "B docket. TURN was a "charter member" of the BTG, and DRA shortly thereafter. All of the BTG members worked together to position and prepare joint comments throughout the proceeding development of such a diverse coalition necessarily required tin to come up with a broadly acceptable consensus position, any i that process was more than outweighed by the <i>far greater efficil</i> filing of joint comments on behalf of a number of parties. This greatly reduced the amount of time that TURN staff had to sper comments, because the members of the BTG shared drafting du enabled TURN to make a far more comprehensive and convince would have ever been possible for a single party acting alone.	TG proposal" in this joined the effort develop a joint while the ne in group discussions nefficiency inherent in <i>ency</i> achieved by the coalition approach ad preparing written uties among them. This	

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

#	Claimant	CPUC	Comment

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

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

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)	CPUC Verified
TURN's work in this proceeding, in coalition with other like-minded parties, achieved an extremely successful result against great odds, since the BTG position was opposed by the entire generator community and two of the three large IOUs, as well as the CAISO. TURN believes that the ratepayers of the three large IOUs will save hundreds of millions of dollars in future years as a result of the rejection of the centralized capacity market proposal. TURN's costs of participation in this proceeding were quite modest in relative to its degree of success in the proceeding and the magnitude of the issues at stake.	

# B. Specific Claim:

				D			CPU	C Award	
			ATT	ORNEY AND ADVC	CATE FEES				
Item	Year	Hours	Rate \$	Basis for Rate*	Total \$	Year	Hours Rate \$		Total \$
M.P. Florio	2005	37.75	\$470	D.06-07-011, p. 11	\$ 17,742.50				
M.P. Florio	2006	43.50	\$485	D.06-11-039, p. 8	\$ 21,097.50				
M.P. Florio	2007	200.50	\$520	D.08-04-027	\$104,260.00				
M.P. Florio	2008	98.00	\$535	D.08-07-043, p.8	\$ 52,430.00				
M. P. Florio	2009	19.50	\$535	Res. ALJ-235	\$ 10,432.50				
M.P. Florio	2010	19.00	\$535	Res. ALJ-247.	\$ 10,165.00				
B.Finkelstein	2007	1.25	\$435	D.07-12-026, p. 24	\$ 543.75				
				Subtotal:	\$216,671.25		Subtotal:		
				EXPERT FEE	S				
Item	Year	Hours	Rate	Basis for Rate*	Total \$	Year	Hours	Rate \$	Total \$
Kevin Woodruff	2005	0.50	\$200	D.04-05-050	\$ 100.00				
Kevin Woodruff	2006	2.50	\$225	D.07-06-045 (on rehearing)	\$ 562.50				
Kevin Woodruff	2007	64.50	\$225	D.07-06-045	\$ 14,512.50				
Kevin Woodruff	2008	1.00	\$225	D.07-06-045	\$ 225.00				
				Subtotal:	\$ 15,400.00			Subtotal:	
				OTHER FEE					
				HOURLY FEES you			I		
Item	Year	Hours	Rate \$	Basis for Rate*	Total \$	Year	Hours	Rate \$	Total \$
M.P. Florio (Travel time)	2007	12.00	\$260	50% of 2007 rate	\$ 3,120.00				

					Subtotal:	\$ 3	3,120.00		3	Subtotal:	
			INTERVI	ENOR CO	MPENSATION CI		PREPA	RATIO	N **		
	Item	Year	Hours	Rate \$	Basis for Rate*	T	otal \$	Year	Hours	Rate \$	Total \$
М.	P. Florio	2010	8.50	\$267.50	50% of 2010 rate	\$ 2	2,237.75				
		Subtotal:		\$ 2	2,237.75			Subtotal:			
					COSTS						
#	Item		Detail			A	mount	Amou	nt		
1	Expert T Expenses		Auto mileage and parking, Amtrak and BART fares, and meals (SF and Folsom).			\$	209.50				
2	Attorney Expenses			Mileage roundtrip to CAISO stakeholder meetings in Folsom.		\$	320.10				
3	Photocop	pies	Copies of	f TURN's p	leadings	\$	383.40				
4	Postage		Mailing o	of TURN's	pleadings	\$	22.07				
5	Telephor	ne	Calls rela	ted to this c	ase	\$	1.96				
			<b>-</b>		Subtota	: \$	937.03			Subtotal:	
TOTAL REQUEST \$:						: \$2	238,366	Т	STAL A	NARD \$:	

\*\*Reasonable claim preparation time typically compensated at ½ of preparer's normal hourly rate.

# C. Attachments or Comments Documenting Specific Claim (Claimant completes; attachments not attached to final Decision):

Attachment or Comment #	Description/Comment			
Comment 1	In accordance with our typical practices, TURN allocated the time of its attorneys and expert consultant among the issues addressed in the proceeding. In Phase 2, Track 2 of this case, most of TURN's participation was focused on the issue of capacity market structure, and is coded as activity "CM" in the attached timesheets. Further, since D.10-06-018 closed R.05-12-013, this request includes a few hours of "clean-up" activity on issues from earlier phases, reflecting work performed subsequent to the filing of our last compensation request in this docket on 8/24/07. This includes 2.5 hours of Mr. Florio's time in September of 2007 on "Track 1" and "Track 3" issues, as well as 27.0 hours of Mr. Woodruff's time in July through October of 2007 and January of 2008, primarily on issues related to improvements in the Local Capacity Requirements ("LCR") study process that were addressed via an Assigned Commissioner's Ruling on 11/1/07 in this docket. The improvements to the LCR study process that Mr. Woodruff helped to develop have resulted in smoother integration of CAISO LCR studies into the Commission's AA proceedings in subsequent years. Initially the scope of Phase 2, Track 2 included an issue regarding potential changes to the Commission's adopted Planning Reserve Margin (PRM). Mr. Florio and particularly Mr. Woodruff devoted time in this docket to PRM-related issues during late 2007. However, on 11/19/07 the Assigned Commissioner issued a ruling stating that PRM matters would severed from this docket and subsequently considered in a new proceeding, which became R.08-04-012. Accordingly, TURN has removed most PRM-related hours from this request and will include them in a future request that may be filed in R.08-04-012.			

	given an opportunity to answer any such questions prior to the issuance of a decision on this request.
Comment 4	If the Commission has any questions regarding any of the time or expenses claimed for compensation in this docket, or any other concerns regarding the content of this request, TURN respectfully asks that it be
Comment 3	The travel time and travel expenses requested here cover only travel that was necessary for TURN's effective participation in this proceeding and would not have been incurred but for TURN's participation in this case. As noted above, some of the analysis of alternative capacity market structures took place in a CAISO stakeholder process. TURN's attorney and expert consultant had to travel to the CAISO offices in Folsom (from their offices in San Francisco and Sacramento, respectively) in order to participate in those meetings. In addition, Mr. Woodruff was required to travel from his office in Sacramento to attend workshops held at the Commission's offices in San Francisco. TURN's travel time and associated travel expenses should be awarded in full.
Comment 2	Michel Peter Florio was TURN's lead attorney in this proceeding and recorded the lion's share of TURN's hours, as reflected in the attached timesheets. Bob Finkelstein devoted a few hours to this case in the July of 2007, while Mr. Florio was on vacation. Mr. Florio was also assisted by Kevin Woodruff of Woodruff Expert Services in Sacramento, who has acted as TURN's primary expert consultant on procurement, resource adequacy and PRM issues for several years. Mr. Woodruff devoted his efforts primarily to some of the more technical issues in this docket, but also participated in several meetings or conference calls of the BTG while the group's positions were being formulated, or when Mr. Florio was otherwise unavailable. All of the hours claimed in this request were reasonable and necessary to the achievement of TURN's substantial contributions, and no unnecessary duplication of effort is reflected in the attached timesheets.
	<ul> <li>an Assigned Commissioner ruling issued 2/28/05 in that docket. A staff White Paper was released on 8/25/05, and TURN spent time discussing that report with staff and filing two rounds of comments in R.04-04-003. Thereafter, consideration of the capacity markets issue was transferred to this proceeding when R.05-12-013 was launched in December of 2005. The OIR specifically stated that the comments filed in R.04-04-003 on this issue would become part of the record in R.05-12-013 (OP 3, p.11). TURN therefore transferred the hours originally recorded in R.04-04-003 on the capacity markets issue to this docket, and they are included in this request. None of those hours were ever claimed for compensation purposes in R.04-04-003.</li> <li>Finally, the Assigned Commissioner ruling issued 5/25/07 in this docket provided that at least a portion of the analysis of alternative capacity market structures would take place in a CAISO stakeholder process, rather than in a CPUC proceeding, and that CAISO staff would assist in the preparation of the Energy Division's staff report in this case. Accordingly, TURN's representatives participated in several meetings at the CAISO related to the subject matter of this proceeding. The time and expenses involved in participating in those meetings are also included in this request, since participation at the CAISO was integral to the work before this Commission and directly contributed to the ultimate staff report. Especially given TURN's high degree of success in this proceeding, TURN submits that compensation is merited for the full amount of time that TURN's attorneys and expert consultant devoted to the proceeding, as reflected in the attached timesheets.</li> </ul>

### **D.** CPUC Disallowances & Adjustments (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 (Y/N)?

If so:

Party	Reason for Opposition	CPUC Disposition

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

If not:

Party	Comment	CPUC Disposition

#### **FINDINGS OF FACT**

- 1. Claimant [has/has not] made a substantial contribution to Decision (D.) \_\_\_\_\_\_.
- 2. The claimed fees and costs [, as adjusted herein,] are comparable to market rates paid to experts and advocates having comparable training and experience and offering similar services.
- 3. 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 \$ .
- Within 30 days of the effective date of this decision, \_\_\_\_\_\_ shall pay claimant the total award. 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 75<sup>th</sup> 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/these] proceeding[s] [is/are] closed.
- 5. This decision is effective today.
- Dated \_\_\_\_\_, at San Francisco, California.

# Attachment 1:

# Detailed Time Reports for TURN's Attorneys and Expert Consultant In Phase 2, Track 2 of R.05-12-013

8/4/2	2010
2:43	ΡM

Date Attorn	ney Activity	Description	Time Spent
Attorney: MF			
6/1/2005 MF	CM	Meet w/ Auclair re: capacity markets	2.50
6/27/2005 MF	СМ	Discuss capacity markets w/ Matt	0.50
6/30/2005 MF	СМ	Meeting w/ Auclair	1.50
8/30/2005 MF	СМ	Review capacity market white paper	1.50
9/9/2005 MF	СМ	Meeting with ORA re: capacity markets	0.75
9/21/2005 MF	СМ	Prep on capacity markets	3.25
9/22/2005 MF	СМ	Draft capacity market comments	6.00
9/23/2005 MF	CM	Finish comments & review others'	4.50
9/26/2005 MF	CM	Discuss capacity markets w/ parties	1.00
9/28/2005 MF	CM	Review capacity market comments	1.00
9/29/2005 MF	CM	Review capacity market comments	0.75
10/8/2005 MF	CM	Review comments on Cap Mkts	5.75
10/10/2005 MF	CM	Reply comments on Cap Mkts	6.50
10/11/2005 MF	CM	Review cap mkt replies	1.50
10/12/2005 MF	CM	Review Oren paper re: capacity market	0.75
Total: 2005			37.75
2/2/2007 NE		TC SCE and Coolition records	
2/2/2006 MF	CM	TC-SCE re: Coalition proposal	0.50
2/10/2006 MF	CM	Discuss capacity markets w/ Coalition	2.75
2/12/2006 MF	CM	Review SCE paper	0.25
2/14/2006 MF	CM	Discuss capacity markets w/ Sheffrin	0.50
2/16/2006 MF	CM	Review and send emails	0.50
2/24/2006 MF	CM	Review Coalition CM proposals	0.50
2/25/2006 MF	CM	Review SDG&E CM proposal	0.25
2/28/2006 MF	CM	Bilateral group meeting & discuss w/ staff	3.25
3/8/2006 MF	CM	Review LICAP settlement in NE	2.00
4/6/2006 MF	CM	Attend capacity market WG @ PG&E	7.00
6/4/2006 MF	CM	Review working group drafts	0.50
6/19/2006 MF	CM	Meeting w/ Bushnell & bilat group	2.50
8/1/2006 MF	CM	Review slides for bilat presentation	0.75
8/8/2006 MF	CM	Attend MSC CM discussion	3.50
8/31/2006 MF	CM	Bilateral group call	1.50
9/4/2006 MF	CM	Review paper on CM & alternative	0.75
9/6/2006 MF	CM	TC w/ EOB	1.00
9/8/2006 MF	CM	TC w/ Aglet	0.25
9/20/2006 MF	CM	Bilateral group meeting	1.50
9/27/2006 MF	CM	Review FERC decision re: NYISO	0.50
10/2/2006 MF	CM	Meeting on LE report and prep	6.00
10/3/2006 MF	CM	Meeting w/SCE	0.75
10/5/2006 MF	CM	Biliateral group meeting	2.25
10/19/2006 MF	CM	Biliateral group meeting	2.00
11/7/2006 MF	CM	Biliateral group meeting	1.75
11/13/2006 MF	CM	Review Harvey paper	0.50
Total: 2006			43.50
1/7/2007 MF	СМ	Bilateral call	1.00
1/24/2007 MF	CM	Bilateral call	0.25
1/24/2007 MF 1/30/2007 MF	CM	Bilateral group meeting	2.25
2/9/2007 MF	CM CM	Bilateral group call	1.25
2/15/2007 MF	CM	Review bilat group materials	0.50
2/13/2007 MIF	UM	Keview onat group materials	0.50

8/4/2010 2:43 PM

			Description	Time Spent
2/21/2007 1	MF	СМ	Discuss BTG principles w/ DRA	1.00
3/5/2007 1	MF	СМ	DRA call	0.75
3/6/2007 1	MF	СМ	ISO forum on capacity markets	4.50
3/6/2007 1	MF	Travel	Travel to CAISO & back	4.00
3/9/2007 1	MF	СМ	BTG call; EOB call	2.00
3/16/2007 1	MF	СМ	Draft and edit BTG comments	1.50
3/18/2007 1	MF	СМ	Review and edit BTG draft	0.75
3/19/2007 1	MF	СМ	BTG call	1.25
3/20/2007 1	MF	СМ	Edit BTG draft	3.75
3/21/2007 1	MF	CM	Edit BTG draft	0.50
3/22/2007 1	MF	CM	BTG meeting	3.25
3/26/2007 1	MF	CM	Review ISO LMPM for RA	0.75
3/26/2007 1	MF	CM	Edit BTG comments	3.50
3/29/2007 1	MF	CM	BTG call and edit comments	4.75
4/17/2007 1	MF	CM	BTG call w/ PG&E	0.75
4/18/2007 1	MF	CM	Prep for BTG meeting w. PG&E	0.50
4/19/2007 1	MF	CM	BTG meeting w/ PG&E	4.00
4/21/2007 1	MF	CM	Review Track 2 comments	2.25
4/21/2007 1	MF	CM	BTG prep & review documents	0.25
4/23/2007 1		CM	BTG call w/ PG&E & Prep slides	2.00
4/24/2007 1	MF	CM	BTG call	1.00
4/24/2007 1	MF	CM	Prep for workshop	0.50
4/25/2007 1		CM	Workshop on Track 2 proposals	7.50
5/1/2007 1		CM	BTG meeting	2.00
5/2/2007 1		CM	BTG meeting w/ PG&E	1.75
5/3/2007 1		CM	BTG work	0.50
5/7/2007 1		CM	Prep materials for BTG	0.50
5/14/2007 1		CM	BTG call & prep	2.00
5/15/2007 1		CM	Work on BTG comments	1.00
5/16/2007 1		CM	BTG call & work on comments	7.25
5/17/2007 1		CM	Work on BTG Track 2 comments	4.50
5/24/2007 1		CM	Meeting w/ Gallagher	1.00
5/31/2007		CM	BTG conference call	1.25
6/7/2007 1		CM	BTG call re: reply comments	1.00
8/3/2007 1		CM	Review revised proposals	0.50
8/7/2007		CM	Prep for workshop	4.00
8/7/2007 1		CM	Review PG&E proposal and TC	0.50
8/9/2007 I		CM CM	BTG call Work on BTC matrix	1.50
8/10/2007 I		CM CM	Work on BTG matrix	1.25 7.50
8/13/2007 I 8/13/2007 I		Travel	CAISO CCM workshop Travel to CAISO & back	4.00
8/13/2007 I 8/14/2007 I		CM	Prep for PUC workshop	1.75
8/14/2007 I		CM	BTG call re: matrix	1.75
8/14/2007 I 8/15/2007 I		CM	Workshop and prep	7.00
8/13/2007 I 8/20/2007 I		CM	PUC workshop	8.00
8/21/2007 I		CM	PUC workshop & discuss	8.00
8/21/2007 I 8/22/2007 I		CM	PUC workshop	7.50
8/22/2007 I 8/23/2007 I		CM	Discuss case w/ Bob F	0.50
8/23/2007 I 8/24/2007 I		CM	TC w/ PG&E	0.50
8/24/2007 I 8/24/2007 I		CM	BTG call	1.50
8/24/2007 I 8/27/2007 I		CM	PUC workshop & discuss	8.00
8/28/2007 I		CM	PUC workshop & discuss	7.50
8/28/2007 I 8/29/2007 I		CM	PUC workshop & discuss	7.00
9/5/2007 I		CM	Meeting w/ SCE re: CCM	2.25

8/4/2	2010
2:43	ΡM

Date Attorn	ey Activity	Description	Time Spent
9/5/2007 MF	CM	BTG meeting w/ SCE & SDG&E	2.25
9/9/2007 MF	Track 1	Review RA templates & guides	0.75
9/11/2007 MF	CM	TC w/ EOB	1.50
9/13/2007 MF	CM	BTG call	1.00
9/13/2007 MF	Track 3	Review SMJU filings	1.75
9/14/2007 MF	CM	Review ISO paper on CCM	1.25
9/15/2007 MF	CM	Review report on NYISO CCM	1.25
9/19/2007 MF	CM	Review LE study	0.75
9/27/2007 MF	CM	BTG call	0.50
9/28/2007 MF	CM	Review materials	0.50
10/1/2007 MF	CM	MSC meeting @ PUC	7.25
10/12/2007 MF	CM	BTG call re: ICPM	0.75
10/15/2007 MF	CM	ISO meeting re: ICPM	5.00
10/15/2007 MF	Travel	Travel to CAISO & back	4.00
10/18/2007 MF	CM	Review ISO straw proposal	1.25
10/19/2007 MF	CM	BTG call re: comments to ISO on CCM	1.75
10/22/2007 MF	CM	Work on BTG comments to ISO on CCM	1.25
10/23/2007 MF	CM	Prep comments to ISO on ICPM	4.50
10/23/2007 MF	CM	BTG comments to ISO on CCM paper	0.50
10/25/2007 MF	CM	Review other party comments to ISO on CCM	0.75
10/28/2007 MF	CM	Review draft BTG comments to ISO on PER	0.50
10/29/2007 MF	CM	Review draft BTG comments to ISO on PER	0.50
11/1/2007 MF	CM	BTG call: meeting prep	1.75
11/5/2007 MF	CM	Review MSC opinion	0.25
11/7/2007 MF	CM	BTG meetings w/ E.D. & advisors	3.00
11/11/2007 MF	CM	Review CAISO ICPM draft	1.25
11/15/2007 MF	CM	Review Calpine Stnd Prdt proposal	2.50
11/16/2007 MF	CM	Emails re: Calpine proposal	1.25
11/20/2007 MF	CM	BTG comments to MSC on ICPM	1.00
11/27/2007 MF	CM	Discuss Calpine language w/ BTG	0.25
11/28/2007 MF	CM	TC w/ PG&E	0.50
12/5/2007 MF	CM	Review comments on ICPM proposal	0.50
12/7/2007 MF	CM	BTG call	0.75
12/12/2007 MF	CM	Discuss w/ PG&E & BTG	0.50
Total: 2007			212.50
1/5/2008 MF	СМ	Comments on Final ICPM proposal	0.75
1/18/2008 MF	CM	Review Staff report	2.00
1/23/2008 MF	CM	BTG call re: staff report	1.75
1/23/2008 MF	CM	Review proposed ICPM tariff	0.75
1/25/2008 MF	CM	TC - ISO re: ICPM proposal to board	0.25
1/28/2008 MF	CM	Prep for ISO meeting on ICPM	1.25
1/29/2008 MF	CM	ISO board meeting on ICPM	2.00
1/29/2008 MF	CM	Read staff report in detail	5.00
1/30/2008 MF	CM	Meeting w/ PG&E re: staff report	1.75
1/31/2008 MF	CM	BTG call & follow-up re: staff report	2.00
2/6/2008 MF	CM	BTG meeting w/ PG&E	2.00
2/7/2008 MF	CM	BTG call & review PG&E draft	2.50
2/8/2008 MF	CM	TCs BTG & PG&E	2.50
2/11/2008 MF	CM	BTG call re: comments	1.00
2/11/2008 MF	CM	BTG call re: comments	0.50
2/14/2008 MF	CM	Discuss w/ PG&E	0.25

Date	Attorney	Activity	Description	Time Spent
2/18/2008	MF	СМ	Review ICPM tariff filing	0.75
2/20/2008	MF	CM	Work on BTG comments	2.00
2/21/2008	MF	СМ	BTG-PG&E call	1.00
2/22/2008	MF	CM	Work on BTG comments	3.00
2/23/2008	MF	СМ	Work on BTG comments	2.75
2/25/2008	MF	CM	BTG call	0.75
2/26/2008		СМ	BTG-PG&E call	0.50
2/29/2008		CM	BTG call & review comments	1.00
3/3/2008		СМ	Review party comments	1.00
3/4/2008		CM	Review party comments	0.50
3/5/2008		СМ	Review party comments	3.00
3/5/2008		CM	BTG call	0.75
3/6/2008		CM	Meeting w/ PG&E	1.50
3/7/2008		CM	Meeting w/ Energy Division & prep	2.00
3/9/2008		CM	Prep for reply comments	3.50
3/10/2008		CM	BTG call re: reply comments	1.00
3/11/2008		CM	Work on BTG reply comments	4.00
3/11/2008		CM	BTG call re: reply comments	1.25
3/13/2008		CM	Work on BTG reply comments	2.50
3/13/2008		CM	Draft TURN's separate reply comments	3.50
3/14/2008		CM	Review party comments	2.25
3/26/2008		CM	BTG call re: study and meetings	0.75
3/20/2008		CM	Prep for ex parte meeting w/ PG&E	0.73
		CM		1.50
3/28/2008			Ex parte meeting w/ PG&E	1.00
4/3/2008		CM CM	Draft PG&E ex parte & discuss	
4/4/2008		CM	BTG ex parte meeting & discuss	1.50
4/17/2008		CM	Review ISO Roadmap re: Stnd Cap Prdt	2.50
5/6/2008		CM	Meeting w/ PG&E and Cho	1.00
5/8/2008		CM	BTG call	0.75
5/15/2008		CM	Cho meeting and prep	1.50
5/21/2008		CM	Review PJM results	0.25
5/29/2008		CM	BTG call re: meeting prep	1.25
5/30/2008		CM	Meeting w/ Deal and others from BTG	3.25
8/22/2008		CM	Review presentation slides & questions	0.50
9/3/2008		CM	CAISO standard capacity product call	3.00
9/10/2008		CM	Mtg w/ PG&E Conf call w/ BTG	2.50
9/10/2008		CM	Comments on Standard Capacity Product	2.75
9/25/2008		CM	Review Energy Division report on MCM	0.75
9/26/2008		CM	BTG call re: comments on MCM	0.50
9/29/2008		CM	Edit BTG comments on MCM	0.50
9/30/2008		CM	BTG call re: comments on MCM	1.00
9/30/2008		CM	Edit BTG comments on MCM	0.50
10/1/2008		CM	Review parties' comments on MCM	1.25
10/8/2008		CM	Review reply comments	0.50
10/20/2008		CM	Review FERC order on ICPM	1.25
10/20/2008		CM	Standard Capacity Product call	1.00
11/12/2008		CM	Review Standard Capacity proposal	1.00
11/19/2008	MF	СМ	BTG call re: Standard Capacity Product	
Total: 200	8			98.0
2/28/2009	MF	СМ	Edit BTG comments	1.00
4/29/2009		CM	Review PJM decision	0.50
				516.0

8/4/2010 2:43 PM

Date Atto	orney	Activity	Description	Time Spent
8/5/2009 MF		СМ	Meeting w/ Kinosian	1.00
8/5/2009 MF		CM	BTG call & memo	1.00
8/6/2009 MF		СМ	Meeting w/ Cho	0.50
8/31/2009 MF		СМ	Meeting w/ Lindh, Fitch, et al.	1.50
11/3/2009 MF	7	СМ	Review Proposed Decision	1.00
11/12/2009 MF	7	СМ	BTG call re: comments	1.25
11/13/2009 MF	7	СМ	Review PD	0.50
11/23/2009 MF	7	CM	Work on PD comments	1.50
11/24/2009 MF	7	СМ	Work on PD comments	2.75
12/1/2009 MF	7	CM	Finish drafting comments on PD	2.50
12/10/2009 MF	7	CM	Review comments and draft reply	3.75
12/11/2009 MF		СМ	Review reply comments	0.75
Total: 2009				19.50
3/8/2010 MF	7	СМ	Review revised PD	1.25
3/24/2010 MF		CM	Review SCE motion & emails	0.50
3/26/2010 MF		CM	Meeting w/ Stoddard	0.75
4/1/2010 MF		CM	Meetings @ PUC re: revised PD	7.00
4/14/2010 MF		CM	Review and edit BTG comments on RPD	1.00
4/16/2010 MF		СМ	Review party comments on RPD	1.50
4/20/2010 MF	7	СМ	BTG call re: reply comments	0.75
4/21/2010 MF		СМ	Draft section of BTG reply comments	3.00
4/22/2010 MF		СМ	BTG call & work on reply comments	1.25
4/23/2010 MF	7	СМ	Review reply comments	0.50
4/29/2010 MF	7	СМ	Review further revised PD	0.75
5/26/2010 MF	7	СМ	Review revised PD	0.50
6/7/2010 MF	7	CM	Quick Review of final decision	0.25
7/28/2010 MF	7	Comp3	Prep for comp request	2.50
7/30/2010 MF		Comp3	Draft comp request	6.00
Total: 2010				27.50
Total: MF				
				438.75
Attorney: K W 10/11/2005 K V		СМ	Reviewed client's Reply Comments on capacity markets.	0.50
Total: 2005				0.50
2/10/2006 V V	Veedmiff	CM	Desting and discussed expectity meriled more seal with DC &E. SCE and alignt	
2/10/2006 K V		СМ	Reviewed and discussed capacity market proposal with PG&E, SCE and client	2.50
Total: 2006				2.50
4/24/2007 K V	Woodruff	СМ	Prepared for RAR Phase 2, Track 2 workshop.	0.50
4/25/2007 K V	Woodruff	СМ	Prepared for and attended RAR Phase 2, Track 2 workshop	9.50
5/29/2007 K V	Woodruff	CM	Reviewed Track 2 Assigned Commissioner Ruling; communicated to client and others regarding scope and schedule matters	0.50

\_

Date	Attorney	Activity	Description	Time Spent
6/15/2007	K Woodruff	СМ	Participated in conference call with Bilateral Trading Group	1.00
6/27/2007	K Woodruff	СМ	Discussed capacity market issues with utility; reported to client	0.50
7/1/2007	K Woodruff	CM	Communicated with other parties' regarding PRM issues at issue in RAR case	0.50
	K Woodruff	СМ	Prepared draft portion of comments for client/Bilateral Trading Group on PRM issues.	1.00
7/5/2007	K Woodruff	CM	Completed draft portion of comments for client/BTG on PRM issues.	1.00
7/6/2007	K Woodruff	СМ	Discussed comments with BTG members; prepared revised version.	1.50
7/10/2007	K Woodruff	CM	Reviewed BTG draft comments; replied to BTG members.	0.50
7/15/2007	K Woodruff	СМ	Communicated with client regarding RAR and BTG issues.	0.50
8/2/2007	K Woodruff	LCR	Provided client comments for August 8 workshop on LCR Study transparency.	1.00
	K Woodruff	LCR	Reviewed 8/8 LCR Transparency workshop materials and other RA issues; commented to client.	0.50
8/16/2007	K Woodruff	СМ	Communicated with client regarding Monday's workshop and related issues.	0.50
8/17/2007	K Woodruff	СМ	Prepared for Monday's workshop; reviewed agenda and communicated with client and Energy Division.	1.50
8/20/2007	K Woodruff	СМ	Prepared for and participated in workshop.	7.50
8/21/2007	K Woodruff	СМ	Prepared materials for Wednesday's workshop; communicated with client and ED.	2.50
8/22/2007	K Woodruff	CM	Prepared for and participated in workshop.	8.50
8/27/2007	K Woodruff	СМ	Communicated with ED staff regarding PRM workshop issues; reviewed portion of RAR workshop via web.	0.50
9/10/2007	K Woodruff	LCR	Reviewed LCR issues potentially at issue at CAISO Grid Planning meeting; discussed issues with other consultant.	1.00
9/14/2007	K Woodruff	LCR	Prepared for Grid Planning meeting of 9/17.	0.50
9/17/2007	K Woodruff	LCR	Attended CAISO Grid Planning Standards review meeting regarding implications for Local Capacity Requirements and other LSE obligations.	4.50
9/18/2007	K Woodruff	LCR	Communicated with client regarding Grid Planning meeting.	0.50
10/8/2007	K Woodruff	LCR	Reviewed CAISO ICPM White Paper; commented to client regarding CONE estimate.	0.50
10/10/2007	K Woodruff	LCR	Reviewed CAISO LCR meeting materials; communicated with other party regarding issues for 10/11 meeting.	0.50
10/11/2007	K Woodruff	LCR	Participated in CAISO LCR meeting.	6.00
0/12/2007	K Woodruff	LCR	Reported on CAISO LCR meeting to client.	1.00
10/18/2007	K Woodruff	LCR	Reviewed materials related to CAISO 10/22 Grid Planning Standards meeting as they related to LCR requirements.	1.00
	K Woodruff	LCR	Attended CAISO Grid Planning Standards meeting.	3.50
0/23/2007	K Woodruff	LCR	Reported on CAISO GPS meeting to client.	0.50
	K Woodruff	LCR	Reviewed information regarding CAISO ""Old Thermal"" Study.	0.50
10/30/2007	K Woodruff	LCR	Attended CAISO meeting on ""Old Thermal"" study.	4.50
10/31/2007	K Woodruff	LCR	Reported on ""Old Thermal"" study to client.	0.50
Total: 2007	7			64.50
1/8/2008	K Woodruff	LCR	Reviewed status of RA-related topics being considered by CAISO (Local	0.50
1/17/2008	K Woodruff	LCR	Capacity Requirements, Planning Reserve Margin study, etc.) Provided comments on LCR and old plant retirement issues to CAISO (L.Tobias) in connection with ongoing studies.	0.50
Total: 2009				

Total: 2008

1.00

8/4/2010 2:43 PM

Date	Attorney	Activity	Description	Time Spent
Total: k	K Woodruff			68.50
Attorne 7/11/20 7/12/20	007 BF	CM CM	Review BTG pre-ws rep cmmts Finish review pre-ws rep cmmts	0.75 0.50
Total: 2	2007			1.25
Total: E	 3F			1.25
Grand T	Fotal			508.50

# Attachment 2:

Detail of TURN's Expenses In Phase 2, Track 2 of R.05-12-013 8/4/2010 2:46 PM

Date	Activity	Description	Billed	
	Atty Travel			
3/6/2007		ISO Folsom (220mi x .485)	\$106.70	
	Travel Travel	roundtrip mileage to Folsom (220mi x .485) Round trip mileage to Folsom (220mi x .485)	\$106.70 \$106.70	
10/13/2007				
Total: \$Att	ty Travel		\$320.10	
Activity: \$	Auto/Park/Toll			
8/20/2007	Parking/Tolls	Parking in Sacramento train station	\$6.50	
8/22/2007	Parking/Tolls	Parking in Sacramento at train station	\$6.50	
Total: \$Au	to/Park/Toll		\$13.00	
			+	
	<u>Cons Travel</u> Cons. Travel	Round trip to Richmond on Amtrak.	\$36.00	
	Cons. Travel	Round trip on BART from Richmond to S.F.	\$7.60	
	Cons. Travel	Round trip to Richmond on Amtrak.	\$36.00	
	Cons. Travel	Round trip on BART from Richmond to S.F.	\$7.60	
	Cons. Travel	Round trip to CAISO in Folsom.	\$19.40	
10/11/2007 10/22/2007	Cons. Travel Cons. Travel	Round trip to CAISO in Folsom (40mi x .485) Round trip to CAISO in Folsom (40mi x .485)	\$19.40 \$19.40	
	Cons. Travel	Round trip to CAISO in Folsom (40mi x .485)	\$19.40	
		· · · · · · · · · · · · · · · · · · ·		
Total: \$Co	ns travel		\$164.80	
Activity: \$	Copies_			
	Photocopies	Comments on capacity mkts; 23cc x 61pp	\$280.60	
10/11/2005	Photocopies	Reply Comments on Capacity Markets; 17cc x 26pp	\$88.40	
3/14/2008	Photocopies	Separate Reply Comments on the Staff Report on Phase 2, Track 2 Issues. 2cc x 9pp	\$3.60	
4/3/2008	Photocopies	Notice of Ex Parte Communication. 6cc x 3pp	\$3.60	
12/2/2009	Photocopies	Comments on the Proposed Decision of ALJ Wetzell. 2cc x 11pp	\$4.40	
12/11/2009	Photocopies	Reply to Comments on the Proposed Decision of ALJ Wetzell. 2cc x 7pp	\$2.80	
Total: \$Co	pies		\$383.40	
A -12 -13 - 14	Maala		, .	
<u>Activity: \$</u>	<u>Meals</u> Working Meals	Dinner on train	\$6.25	
8/20/2007	Working Meals	Lunch in S.F.	\$9.52	
8/20/2007	Working Meals	Breakfast in S.F.	\$3.41	
8/22/2007	Working Meals	Dinner on train	\$7.00	
8/22/2007	Working Meals	Breakfast in S.F.	\$5.52	
Total: \$Me	eals			
			\$31.70	
Activity: \$				
2/15/2007		Sprint Invoice; \$0.04	\$0.04	
3/15/2007	Phone/Fax	Sprint Invoice; \$0.04	\$0.04	
5/15/2007 4/15/2008	Phone/Fax Phone/Fax	Sprint Invoice; \$1.7 Sprint Invoice; \$0.14	\$1.70 \$0.14	
7/ 13/ 2000	Ποηςτάλ		Ψ <b>0.1</b> 4	

Date	Activity	Description	Billed
3/15/2009	Phone/Fax	Sprint Invoice; \$0.04	\$0.04
Total: \$Ph	one		\$1.96
<u>Activity: \$1</u> 9/23/2005 0/11/2005	Postage	Comments on capacity mkts; 4cc x \$4.55 Reply Comments on Capacity Markets; 3cc x \$1.29	\$18.20 \$3.87
Total: \$Pos	stage		\$22.07
Grand Tota	al		\$937.03

# Attachment 3:

## **Certificate of Service by Customer**

I hereby certify that I have this day served a copy of the foregoing **CLAIM AND ORDER ON REQUEST FOR INTERVENOR COMPENSATION** by (check as appropriate):

[ ] hand delivery;[ ] first-class mail; and/or[X] electronic mail

to the following persons appearing on the official Service List for R.05-12-013:

	R0512013	Р	CKebler@SempraGeneration.com	CURTIS	KEBLER
	R0512013	Р	Kathryn.Wig@nrgenergy.com	KATHRYN	WIG
	R0512013	Р	tdarton@pilotpowergroup.com	THOMAS	DARTON
	R0512013	Р	jmcmahon@8760energy.com	JAMES	MCMAHON
	R0512013	Ρ	keith.mccrea@sablaw.com	KEITH	MCCREA
	R0512013	Р	myuffee@mwe.com	MICHAEL A.	YUFFEE
	R0512013	Р	bblair@thompsoncoburn.com	BONNIE S.	BLAIR
	R0512013	Р	mmcnaul@thompsoncoburn.com	MARGARET E.	MCNAUL
	R0512013	Р	Cynthia.A.Fonner@constellation.com	CYNTHIA A.	FONNER
	R0512013	Р	gschott@rrienergy.com	GRETCHEN	SCHOTT
	R0512013	Ρ	jarmenta@calpine.com	JASON	ARMENTA
	R0512013	Ρ	joe.paul@dynegy.com	JOSEPH	PAUL
	R0512013	Р	cbanks@complete-energy.com	CARLA	BANKS
	R0512013	Р	sisser@goodcompanyassociates.com	STEVE	ISSER
	R0512013	Р	jordan.white@pacificorp.com	JORDAN A.	WHITE
	R0512013	Р	chilen@sppc.com	CHRISTOPHER	HILEN
	R0512013	Р	dehling@klng.com	DENNIS M.P.	EHLING
	R0512013	Р	mmazur@3PhasesRenewables.com	MICHAEL	MAZUR
	R0512013	Р	ej_wright@oxy.com	E.J.	WRIGHT
	R0512013	Р	eric.pendergraft@aes.com	ERIC	PENDERGRAFT
	R0512013	Р	klatt@energyattorney.com	GREGORY S.G.	KLATT
	R0512013	Р	douglass@energyattorney.com	DANIEL	DOUGLASS
	R0512013	Р	allwazeready@aol.com	FRANK	ANNUNZIATO
	R0512013	Р	akbar.jazayeri@sce.com	AKBAR	JAZAYEIRI
	R0512013	Р	Joni.Templeton@sce.com	JONI A.	TEMPLETON
	R0512013	Р	william.v.walsh@sce.com	WILLIAM V.	WALSH
	R0512013	Р	rkmoore@gswater.com	RONALD	MOORE
Constanting of the	R0512013	Р	kswitzer@gswater.com	KEITH	SWITZER
	R0512013	Р	Keith.richards@nrgenergy.com	KEITH	RICHARDS

R0512013 P	DAKing@SempraGeneration.com	DANIEL A.	KING
R0512013 P	DGarber@SempraUtilities.com	DONALD P.	GARBER
R0512013 P	SKeehn@SempraUtilities.com	STEPHEN	KEEHN
R0512013 P	TCorr@SempraGlobal.com	THOMAS	CORR
R0512013 P	TBrill@SempraUtilities.com	том	BILL
R0512013 P	TBrill@SempraUtilities.com	том	BRILL
R0512013 P	liddell@energyattorney.com	DONALD C.	LIDDELL
R0512013 P	DNiehaus@SempraUtilities.com	DESPINA	NIEHAUS
R0512013 P	jleslie@luce.com	JOHN W.	LESLIE
R0512013 P	GloriaB@anzaelectric.org	GLORIA	BRITTON
R0512013 P	cneedham@edisonmission.com	CRYSTAL	NEEDHAM
R0512013 P	andrea.morrison@directenergy.com	ANDREA	MORRISON
R0512013 P	ek@a-klaw.com	EVELYN	KAHL
R0512013 P	mdjoseph@adamsbroadwell.com	MARC D.	JOSEPH
R0512013 P	theresa.mueller@sfgov.org	THERESA L.	MUELLER
R0512013 P	chh@cpuc.ca.gov	Charlyn A.	Hook
R0512013 P	kpp@cpuc.ca.gov	Karen P.	Paull
R0512013 P	jhendry@sfwater.org	JIM	HENDRY
R0512013 P	mflorio@turn.org	MICHEL PETER	FLORIO
R0512013 P	mrh2@pge.com	MARK R.	HUFFMAN
R0512013 P	sls@a-klaw.com	SEEMA	SRINIVASAN
R0512013 P	bcragg@gmssr.com	BRIAN T.	CRAGG
R0512013 P	jsqueri@gmssr.com	JAMES D.	SQUERI
R0512013 P	jarmstrong@goodinmacbride.com	JEANNE B.	ARMSTRONG
R0512013 P	lcottle@winston.com	LISA A.	COTTLE
R0512013 P	mday@goodinmacbride.com	MICHAEL B.	DAY
R0512013 P	edwardoneill@dwt.com	EDWARD W.	O'NEILL
R0512013 P	jeffgray@dwt.com	JEFFREY P.	GRAY
R0512013 P	irene@igc.org	IRENE K.	MOOSEN
R0512013 P	crmd@pge.com	CHARLES R.	MIDDLEKAUFF
R0512013 P	ralf1241a@cs.com	JOHN	DUTCHER
R0512013 P	rick_noger@praxair.com	RICK C.	NOGER
R0512013 P	george.waidelich@safeway.com	GEORGE	WAIDELICH
R0512013 P	wbooth@booth-law.com	WILLIAM H.	BOOTH
R0512013 P	philm@scdenergy.com	PHILLIP J.	MULLER
R0512013 P	janreid@coastecon.com	L. JAN	REID
R0512013 P	bmcc@mccarthylaw.com	BARRY F.	MCCARTHY
R0512013 P	sberlin@mccarthylaw.com	SUSIE	BERLIN
R0512013 P	joyw@mid.org	JOY A.	WARREN
R0512013 P	johnrredding@earthlink.net	JOHN R.	REDDING
R0512013 P	jweil@aglet.org	JAMES	WEIL
R0512013 P	cmicsa@caiso.com	CATALIN	MICSA
R0512013 P	chinman@caiso.com	CYNTHIA	HINMAN

R0512013	Р	wamer@kirkwood.com	WAYNE	AMER
R0512013	Р	mary.lynch@constellation.com	MARY	LYNCH
R0512013	Р	cmkehrein@ems-ca.com	CAROLYN	KEHREIN
R0512013	Р	mclaughlin@braunlegal.com	BRUCE	MCLAUGHLIN
R0512013	Р	braun@braunlegal.com	C. ANTHONY	BRAUN
R0512013	Р	dsandino@water.ca.gov	DAVID A.	SANDINO
R0512013	Р	jluckhardt@downeybrand.com	JANE E.	LUCKHARDT
R0512013	Р	kdw@woodruff-expert-services.com	KEVIN	WOODRUFF
R0512013	Р	abb@eslawfirm.com	ANDREW B.	BROWN
R0512013	Р	jjg@eslawfirm.com	JEDEDIAH	GIBSON
R0512013	Р	jdh@eslawfirm.com	JEFFERY D.	HARRIS
R0512013	Р	lterry@water.ca.gov	LEE	TERRY
R0512013	Р	hcronin@water.ca.gov	MICHAEL	WERNER
R0512013	Р	dansvec@hdo.net	DAN	SILVERIA
R0512013	Р	jnelson@psrec.coop	JESSICA	NELSON
R0512013	Р	deb@a-klaw.com	DONALD	BROOKHYSER
R0512013	Р	jeff.lam@powerex.com	JEFF	LAM
R0512013	1	ccasselman@pilotpowergroup.com	CINDY L.	CASSELMAN
R0512013	1	tciardella@nvenergy.com	TARYN	CIARDELLA
R0512013	1	tglassey@certichron.com	TODD S.	GLASSEY
R0512013	1	mrw@mrwassoc.com		
R0512013	1	cpuc@certichron.com		
R0512013	I	mniroula@water.ca.gov	MOHAN	NIROULA
R0512013	1	SEHC@pge.com	SHAUN	HALVERSON
R0512013	1	shess@edisonmission.com	STEPHEN	HESS
R0512013	1	RStoddard@crai.com	ROBERT	STODDARD
R0512013	1	Harry.Singh@RBSSempra.com	HARRY	SINGH
R0512013	1	chris.ohara@nrgenergy.com	CHRISTOPHER	O'HARA
R0512013	1	steven.schleimer@barclayscapital.com	STEVEN S.	SCHLEIMER
R0512013	1	steven.huhman@morganstanley.com	STEVEN	HUHMAN
R0512013	1	michael.gergen@lw.com	MICHAEL J.	GERGEN
R0512013	1	perlism@dicksteinshapiro.com	MARK L.	PERLIS
R0512013	1	jim.mayhew@mirant.com	JAMES	MAYHEW
R0512013	1	bill.c.key@fpl.com	BILL	KEY
R0512013	I.	tim.drennan@fpl.com	TIM	DRENNAN
R0512013	1	dmcfarlan@mwgen.com	DOUGLAS	MCFARLAN
R0512013	1	jimross@r-c-s-inc.com	JAMES	ROSS
R0512013	I	tcarlson@rrienergy.com	TRENT	CARLSON
R0512013	I	htarpley@complete-energy.com	HUGH	TARPLEY
R0512013	I	ptellegen@complete-energy.com	PETER	TELLEGEN
R0512013	I	julie.martin@bp.com	JULIE L.	MARTIN
R0512013	I	william.tomlinson@elpaso.com	WAYNE	TOMLINSON
R0512013	1	kjsimonsen@ems-ca.com	KEVIN J.	SIMONSEN

R0512013 I	mvillar@nevp.com	MARIO	VILLAR
R0512013 I	emello@sppc.com	ELENA	MELLO
R0512013 I	tdillard@sppc.com	TREVOR	DILLARD
R0512013 I	AAlemu@ci.vernon.ca.us	ABRAHAM	ALEMU
R0512013 I	gbawa@cityofpasadena.net	GURCHARAN	BAWA
R0512013 I	rzhang@cityofpasadena.net	REN	ZHANG
R0512013 I	sendo@cityofpasadena.net	STEVEN	ENDO
R0512013 I	btang@ci.azusa.ca.us	HSI BANG	TANG
R0512013 I	MtenEyck@ci.rancho-cucamonga.ca.us	MICHAEL	TEN EYCK
R0512013 I	Case.Admin@sce.com	CASE	ADMINISTRATION
R0512013 I	karen.lee@sce.com	KAREN	LEE
R0512013 I	david.lloyd@nrgenergy.com	DAVID	LLOYD
R0512013 I	mike.tierney@nrgenergy.com	MIKE C.	TIERNEY
R0512013 I	GBass@SempraSolutions.com	GREG	BASS
R0512013 I	mshames@ucan.org	MICHAEL	SHAMES
R0512013 I	kmkiener@cox.net	KIMBERLY	KIENER
R0512013 I	marcie.milner@shell.com	MARCIE	MILNER
R0512013 I	michael.evans@shell.com	MIKE	EVANS
R0512013 I	CentralFiles@SempraUtilities.com	CENTRAL	FILES
R0512013 I	PMills@SempraUtilities.com	PAMELA J.	MILLS
R0512013 I	RNicholson@SempraUtilities.com	RANDY	NICHOLSON
R0512013 I	CentralFiles@SempraUtilities.com	CENTRAL FILES	
R0512013 I	fmason@ci.banning.ca.us	FRED	MASON
R0512013 I	peter.pearson@bves.com	PETER T.	PEARSON
R0512013 I	traceydrabant@bves.com	TRACEY	DRABANT
R0512013 I	jolko@ci.colton.ca.us	JEANNETTE	OLKO
R0512013 I	luhler@riversideca.gov	LEEANNE	UHLER
R0512013 I	dkolk@compenergy.com	DAVID X.	KOLK
R0512013 I	lkostrzewa@edisonmission.com	LAWRENCE	KOSTRZEWA
R0512013 I	pherrington@edisonmission.com	PHILIP	HERRINGTON
R0512013 I	ssciortino@anaheim.net	STEPHEN J.	SCIORTINO
R0512013 I	hvidstenj@kindermorgan.com	JOEL M.	HVIDSTEN
R0512013 I	shawn_cox@kindermorgan.com	SHAWN	сох
R0512013 I	alan.holmberg@ci.oxnard.ca.us	ALAN	HOLMBERG
R0512013 I	mtierney-lloyd@enernoc.com	MONA	TIERNEY-LLOYD
R0512013 I	sue.mara@rtoadvisors.com	SUE	MARA
R0512013 I	mramirez@sfwater.org	MANUEL	RAMIREZ
R0512013 I	nlong@nrdc.org	NOAH	LONG
R0512013 I	filings@a-klaw.com	KAREN	TERRANOVA
R0512013 I	mpa@a-klaw.com	MICHAEL P.	ALCANTAR
R0512013 I	rcounihan@enernoc.com	RICHARD H.	COUNIHAN
R0512013 I	tjl@a-klaw.com	TIM	LINDL
R0512013 I	vjw3@pge.com	VALERIE	WINN

R0512013 I	will.mitchell@cpv.com	WILLIAM	MITCHELL
R0512013 I	cbaskette@enernoc.com	CARMEN	BASKETTE
R0512013 I	jscancarelli@crowell.com	JANINE L.	SCANCARELLI
R0512013 I	rafi.hassan@sig.com	RAFI	HASSAN
R0512013 I	robertgex@dwt.com	ROBERT	GEX
R0512013 I	sdhilton@stoel.com	SETH D.	HILTON
R0512013 I	judypau@dwt.com	JUDY	PAU
R0512013 I	Diane.Fellman@nrgenergy.com	DIANE I.	FELLMAN
R0512013 I	cem@newsdata.com		
R0512013 I	lisa_weinzimer@platts.com	LISA	WEINZIMER
R0512013 I	alho@pge.com	ANDREW L.	HARRIS
R0512013 I	bkc7@pge.com	BRIAN K.	CHERRY
R0512013 I	RegRelCPUCCases@pge.com	CASE	COORDINATION
R0512013 I	ELL5@pge.com	ED	LUCHA
R0512013 I	GXL2@pge.com	GRACE	LIVINGSTONNUNLEY
R0512013 I	pcg8@pge.com	PATRICIA	GIDEON
R0512013 I	sscb@pge.com	SEBASTIEN	CSAPO
R0512013 I	svs6@pge.com	SOUMYA	SASTRY
R0512013 I	debra.lloyd@cityofpaloalto.org	DEBRA	LLOYD
R0512013 I	rwalther@pacbell.net	ROBIN J.	WALTHER, PH.D.
R0512013 I	c.greif@comcast.net	CLAUDIA	GREIF
R0512013 I	k.abreu@sbcglobal.net	KENNETH E.	ABREU
R0512013 I	brflynn@flynnrci.com	BARRY R.	FLYNN
R0512013 I	beth@beth411.com	BETH	VAUGHAN
R0512013 I	kerry.hattevik@nexteraenergy.com	KERRY	HATTEVIK
R0512013 I	sean.beatty@mirant.com	SEAN P.	BEATTY
R0512013 I	Audra.Hartmann@Dynegy.com	AUDRA	HARTMANN
R0512013 I	kowalewskia@calpine.com	AVIS	KOWALEWSKI
R0512013 I	cmartin@calpine.com	CRAIG	MARTIN
R0512013 I	smithmj@calpine.com	MARK J.	SMITH
R0512013 I	barmackm@calpine.com	MATT	BARMACK
R0512013 I	garyi@enxco.com	GARY M.	IZING
R0512013 I	philha@astound.net	PHILIPPE	AUCLAIR
R0512013 I	dirk.vanulden@ucop.edu	DIRK A.	VAN ULDEN
R0512013 I	george.getgen@ucop.edu	GEORGE	GETGEN
R0512013 I	john.rolle@ucop.edu	JOHN	ROLLE
R0512013 I	matthew.stclair@ucop.edu	MATTHEW	ST CLAIR
R0512013 I	dmarcus2@sbcglobal.net	DAVID	MARCUS
R0512013 I	rschmidt@bartlewells.com	REED V.	SCHMIDT
R0512013 I	mbarmack@alum.mit.edu	MATTHEW	BARMACK
R0512013 I	carla.peterman@gmail.com	CARLA	PETERMAN
R0512013 I	oren@ieor.berkeley.edu	SHMUEL S.	OREN
R0512013 I	ksims@siliconvalleypower.com	KEN	SIMS

R0512013	1	mnelson@mccarthylaw.com	MICHAEL G.	NELSON, ESQ.
R0512013	1	tomk@mid.org	THOMAS S	KIMBALL
R0512013	1	rogerv@mid.org	ROGER	VAN HOY
R0512013	1	brbarkovich@earthlink.net	BARBARA R.	BARKOVICH
R0512013	1	demorse@omsoft.com	DAVID E.	MORSE
R0512013	1	amckenna@caiso.com	ANNA	MCKENNA
R0512013	1	aivancovich@caiso.com	ANTHONY J.	IVANCOVICH
R0512013	1	bburns@caiso.com	BETH ANN	BURNS
R0512013	1	remmert@caiso.com	BOB	EMMERT
R0512013	1	grosenblum@caiso.com	GRANT A.	ROSENBLUM
R0512013	1	jderosa@ces-ltd.com	JACQUELINE	DEROSA
R0512013	1	jgoodin@caiso.com	JOHN	GOODIN
R0512013	1	kjohnson@caiso.com	KEITH	JOHNSON
R0512013	1	kalmeida@caiso.com	KEONI	ALMEIDA
R0512013	1	Lkristov@caiso.com	LORENZO	KRISTOV
R0512013	1	mgillette@enernoc.com	MELANIE	GILLETTE
R0512013	1	ppettingill@caiso.com	PHILIP D.	PETTINGILL
R0512013	1	saeed.farrokhpay@ferc.gov	SAEED	FARROKHPAY
R0512013	1	e-recipient@caiso.com		
R0512013	1	dennis@ddecuir.com	DENINIS	DE CUIR
R0512013	1	david@branchcomb.com	DAVID	BRANCHCOMB
R0512013	1	kenneth.swain@navigantconsulting.com	KENNY	SWAIN
R0512013	1	kdusel@navigantconsulting.com	KIRBY	DUSEL
R0512013	1	pmaxwell@navigantconsulting.com	PAUL D.	MAXWELL
R0512013	1	scott.tomashefsky@ncpa.com	SCOTT	TOMASHEFSKY
R0512013	1	Tony.Zimmer@ncpa.com	TONY	ZIMMER
R0512013	1	edchang@flynnrci.com	ED	CHANG
R0512013	1	gdeshazo@caiso.com	GARY	DESHAZO
R0512013	1	brian.theaker@dynegy.com	BRIAN	THEAKER
R0512013	1	dcarroll@downeybrand.com	DAN L.	CARROLL
R0512013	1	wynne@braunlegal.com	JUSTIN C.	WYNNE
R0512013	1	bernardo@braunlegal.com	RYAN	BERNARDO
R0512013	T	blaising@braunlegal.com	SCOTT	BLAISING
R0512013	1	steven@iepa.com	STEVEN	KELLY
R0512013	1	ferguson@braunlegal.com	VICKI E.	FERGUSON
R0512013	1	lmh@eslawfirm.com	LYNN M.	HAUG
R0512013	1	ttutt@smud.org	TIMOTHY N.	TUTT
R0512013	1	hcronin@water.ca.gov	HOLLY B.	CRONIN
R0512013	1	katie@iesolutionsllc.net	KATIE	KAPLAN
R0512013	1	karen@klindh.com	KAREN A.	LINDH
R0512013	I.	wwester@smud.org	WILLIAM W.	WESTERFIELD III
R0512013	1	californiadockets@pacificorp.com	MARK	TUCKER
R0512013	1	dws@r-c-s-inc.com	DONALD	SCHOENBECK

R0512013	1	gifford.jung@powerex.com	GIFFORD	JUNG
R0512013	S	fmobasheri@aol.com	FRED	MOBASHERI
R0512013	S	agc@cpuc.ca.gov	Andrew	Campbell
R0512013	S	sap@cpuc.ca.gov	Aram	Shumavon
R0512013	S	bbc@cpuc.ca.gov	Bishu	Chatterjee
R0512013	S	clu@cpuc.ca.gov	Chloe	Lukins
R0512013	S	dbp@cpuc.ca.gov	David	Peck
R0512013	S	dbr@cpuc.ca.gov	Donald J.	Brooks
R0512013	S	djh@cpuc.ca.gov	Donna J.	Hines
R0512013	S	edd@cpuc.ca.gov	Elizabeth	Dorman
R0512013	S	eks@cpuc.ca.gov	Elizabeth	Stoltzfus
R0512013	S	fxg@cpuc.ca.gov	Farzad	Ghazzagh
R0512013	S	joc@cpuc.ca.gov	Joe	Como
R0512013	S	kdw@cpuc.ca.gov	Kathryn	Auriemma
R0512013	S	lau@cpuc.ca.gov	Laurence	Chaset
R0512013	S	msw@cpuc.ca.gov	Mark S.	Wetzell
R0512013	S	mjd@cpuc.ca.gov	Matthew	Deal
R0512013	S	unc@cpuc.ca.gov	Melissa	Semcer
R0512013	S	rmm@cpuc.ca.gov	Rahmon	Momoh
R0512013	S	rls@cpuc.ca.gov	Robert L.	Strauss
R0512013	S	seb@cpuc.ca.gov	Simon	Baker
R0512013	S	skg@cpuc.ca.gov	Sudheer	Gokhale
R0512013	S	tbo@cpuc.ca.gov	Traci	Bone
R0512013	S	Cleni@energy.state.ca.us	CONSTANCE	LENI
R0512013	S	jpacheco@water.ca.gov	JOHN	PACHECO
R0512013	S	lwong@energy.state.ca.us	LANA	WONG
R0512013	S	mpryor@energy.state.ca.us	MARC	PRYOR
R0512013	S	mjaske@energy.state.ca.us	MIKE	JASKE
R0512013	S	jwoodwar@energy.state.ca.us	JIM	WOODWARD
R0512013	S	Imarshal@energy.state.ca.us	LYNN	MARSHALL
R0512013	S	cmee@water.ca.gov	CHARLES	MEE
R0512013	S	iryna.kwasny@doj.ca.gov	IRYNA	KWASNY
R0512013	S	jgeorge@water.ca.gov	JACQUELINE	GEORGE

Executed this 4th day of August, 2010, at San Francisco, California.

/s/ Larry Wong The Utility Reform Network 115 Sansome Street, Suite 900 San Francisco, CA 94104