

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

Order Instituting Rule making to Consider Refinements to and Further Development of the Commission's Resource Adequacy Requirements Program.

Rulemaking R.05-12-013  
(December 15, 2005)

**REPLY COMMENTS OF THE  
CALIFORNIA INDEPENDENT SYSTEM OPERATOR  
TO COMMENTS ON STAFF'S  
MODIFIED CENTRALIZED MARKET PROPOSAL**

Pursuant to the September 17, 2008 Notice to Parties by the Assigned Administrative Law Judge for the California Public Utility Commission ("Commission" or "CPUC"), the California Independent System Operator Corporation ("CAISO") submits the following reply comments to the comments filed by parties on October 1, 2008 regarding Energy Division Staff's "Additional Information on the Modified Centralized Market Proposal As Presented in California Public Utilities Commission Proceeding R.05-12-013" dated September 12, 2008 ("Updated MCM Proposal").

**I. INTRODUCTION**

In its initial comments, the CAISO emphasized the importance of the Commission acting expeditiously to adopt and initiate development of a multi-year forward Resource Adequacy program. At the same time, the CAISO recommended that the Commission not adopt Staff's Updated MCM Proposal as a basis for CPUC's long-term Resource Adequacy ("LTRA") framework. Instead, the CAISO expressed support for the conceptual proposal offered by the California Forward Capacity Market Advocates ("CFCMA")<sup>1</sup> as representing a comprehensive, well-structured model that

---

<sup>1</sup> See Comments of the California Forward Capacity Market Advocates on Staff Report Providing Recommendations on Capacity Market Structure, filed in this docket on February 29, 2008, and Reply

would be a suitable framework for California's LTRA program, would not compromise the CPUC's ability to direct the bilateral procurement activities of its jurisdictional entities, and would be the best proposal offered in this proceeding to serve as the starting point for a detailed central capacity market design process.

Based on the comments filed by the other parties on October 1, 2008, the CAISO's positions and recommendations to the Commission have not changed. First, the CAISO continues to believe that it is critical for the Commission to adopt in this proceeding a multi-year forward framework for the procurement and identification of Resource Adequacy ("RA") capacity to serve consumers under the jurisdiction of the Commission and within the CAISO Balancing Authority Area. The need for a multi-year forward process for estimating requirements and procuring RA capacity has broad support, even among parties with otherwise diverse views on a centralized capacity market, including CFCMA, Pacific Gas & Electric Company, Calpine Corporation ("Calpine"), Constellation Energy Commodities Group, Inc. and Constellation NewEnergy, Inc. ("Constellation"), and Energy Division Staff in its Updated MCM Proposal.<sup>2</sup>

Second, the CAISO believes that the CFCMA proposal offers a solid basis for developing an effective central capacity market design. It will provide transparent prices

---

Comments of the California Forward Capacity Market Advocates on Staff Report Providing Recommendations on Capacity Market Structure, filed on March 14, 2008.

<sup>2</sup> See e.g., Comments Of CFCMA On Energy Division Staff Filing "Additional Information On The Modified Centralized Market Proposal", October 1, 2008, p. 9; Pacific Gas and Electric Company's Comments on the 'Modified Centralized Market' Proposal, October 1, 2008, pp. 1-2; Supplemental Comments Of Calpine Corporation On Staff's Modified Centralized Market Proposal, October 1, 2008, p. 3; Supplemental Comments Of Constellation Energy Commodities Group, Inc. and Constellation NewEnergy, Inc. On The Energy Division Staff Filing Of Additional Information On The Modified Centralized Market Proposal, October 1, 2008, p. 5; Updated MCM Proposal, pp. 6-7.

and needed price signals for investment decisions and economic trade-offs among investments in new generation, demand response and transmission. In comparison, many features of Staff's Updated MCM Proposal remain unclear, and the CAISO is particularly concerned that the proposal bifurcates the market for RA capacity as well as the capacity product itself, which could create pricing outcomes and contracting and investing incentives that run counter to the state's long-term energy and environmental objectives. Significantly, none of the parties' October 1 comments unconditionally support Staff's Updated MCM Proposal. It accordingly appears to the CAISO that the CFCMA proposal is not only a workable, well-structured model suitable for California's LTRA program, but it is also the preferred framework of the consensus of parties who favor adoption of a centralized capacity market. The CAISO, therefore, reiterates its recommendation that the Commission adopt a central capacity market in its LTRA framework, and designate the CFCMA proposal as the starting point or baseline for a comprehensive design effort.

## **II. COMMENTS OF THE BILATERAL TRADING GROUP**

### **1. A Multi-Year Forward RA Program Will Be More Supportive Of Investment Decisions Than The Current One-Year Ahead RA Program Espoused By BTG**

In its October 1 comments, the Bilateral Trading Group ("BTG") contends that the RA program has been successful since its inception and has improved as the result of Commission-ordered modifications. BTG further argues that the RA program is the preferred design to achieve the preferred end-state of an energy-only market.

As evidence of their contention that the current RA program is successful as is and should not be substantially enhanced, BTG cites to the CAISO's August 2008

Market Performance Report to support its claim that the CAISO has not incurred any expenditures in 2008 for the commitment of units in the Day-Ahead Must Offer Obligation (“MOO”) process established by the Federal Energy Regulatory Commission (“FERC”).<sup>3</sup> BTG concludes from this that the RA program has completely covered the CAISO’s Day-Ahead commitment needs and that there is no need to modify the RA program (other than to make minor tweaks) under these circumstances by adopting either a multi-year forward RA program or a centralized capacity market mechanism.

BTG’s focus on the RA results of a single year is flawed. From June 1, 2006<sup>4</sup> through December 31, 2007, the CAISO made 300 Day-Ahead Commitments of FERC MOO units.<sup>5</sup> These results for June 2006 through December 2007 present a very different picture than the 2008 results, and than BTG portrays in its October 1 comments. Moreover, 2008 has been characterized by lower peak loads and generally milder temperatures than either 2006 or 2007.<sup>6</sup> It is therefore inappropriate and risky to

---

<sup>3</sup> The Market Performance Report cited by BTG does not support their proposition. The report states that “[t]here were no Day-Ahead FERC unit commitments in August”. Contrary to BTG’s claim, the CAISO made a Day-Ahead commitment of a FERC MOO unit on April 27, 2008. Also, on June 2, 2008, the CAISO committed two non-RA units, and those commitments resulted in month-long designations of capacity (and monthly capacity payments) under the CAISO’s Transitional Capacity Procurement Mechanism.

<sup>4</sup> June 1, 2007 is the date the CAISO implemented the Reliability Capacity Services Tariff (“RCST”) capacity backstop mechanism.

<sup>5</sup> In 2006, the CAISO paid approximately \$163.5 million in Minimum Load Cost Compensation (“MLCC”) and Imbalance Minimum Load Energy payments to FERC MOO resources. In 2007, the CAISO paid approximately \$64.3 million in MLCC and Minimum Load Imbalance Energy payments to FERC MOO units. See 2007 Annual Report Market Issues & Performance at 6.6. During the last six months of 2006, the CAISO paid approximately \$14.3 million in daily capacity payments to FERC MOO units under the RCST, and in 2007, the CAISO paid approximately \$25.9 million in daily capacity payments. *Id.* at 6.12.

<sup>6</sup> To date 2008 has been a mild year both load wise and temperature wise. The peak load so far in 2008 has been 46,896 MW, compared to peak loads in 2006 and 2007 of 50,270 MW and 48,615 MW, respectively. Also the report that BTG cites -- the CAISO’s Market Performance Report for August 2008 - shows that average hourly load has been lower in every month of 2008, except one, compared to 2007. Similarly, the average daily peak has been lower in all but two months. In 2008, the CAISO has simply not needed to utilize non-RA capacity to meet reliability needs. That was not the case in prior years.

evaluate the effectiveness of the current RA program -- and to make fundamental decisions on the design of an LTRA program – based on the results of a single year.

Perhaps most importantly, BTG’s argument, and its proposal to maintain a single-year-ahead bilateral approach, misses the central point of this proceeding, which is to consider the appropriate LTRA framework. BTG refers to an “energy only” market as its preferred end-state RA framework, but offers not even a conceptual model of how such a market would work in the California context, nor a strategy or program for moving to such a market.<sup>7</sup> Thus, BTG’s recommendation for an LTRA framework is essentially to have no LTRA framework at all.

The purpose of an LTRA framework is to solve a multi-year investment problem, not simply to meet current-year reliability needs. BTG’s focus on the results in a single year fails to recognize the purpose of LTRA planning, namely, to ensure that there will be sufficient capacity investment early enough to meet projected loads and reliability needs in future years. Recognizing this critical objective, neither the CAISO nor any of the investor owned utilities (“IOUs”) support BTG’s proposal to continue the year-to-year RA framework. Rather, the CAISO, the three IOUs, CFCMA, Calpine, Constellation, and Staff in its Updated MCM Proposal, all agree that a multi-year ahead RA framework for assessing RA capacity requirements and procuring RA capacity on a forward basis is a vital component of an effective long-term RA program. A multi-year ahead framework will allow for timely investment decisions based on meaningful cost-benefit comparison among viable alternatives, including new generating plants, retirement or

---

<sup>7</sup> It is noteworthy that models of “energy only” approaches that have been adopted or considered in other parts of the United States rely on much higher spot market bid caps than have been adopted for the CAISO markets over the next three years. We discuss this element of BTG’s argument in a later section of this Reply.

repowering of existing plants, new demand response technologies and transmission upgrades. A multi-year ahead RA framework is necessary to ensure that investment in new infrastructure is made in time for that new infrastructure to be on-line when it is needed.

The CAISO believes that a centralized capacity market structure will be the most effective, fair, and transparent way to attract competitive market-based investment and accomplish related state policy objectives, while preserving full state authority over RA as contemplated in the Energy Policy Act of 2005.

## **2. A Centralized Capacity Market Will Not Diminish CPUC Authority Nor Undermine State Energy and Environmental Policy Objectives**

Contrary to BTG's comments, a centralized capacity market structure will not cause the Commission to relinquish authority over RA to FERC. The CPUC will have continuing authority over the bilateral procurement of its regulated Load Serving Entities ("LSEs"), which will in no way be diminished by the adoption of a centralized capacity market framework.

BTG also claims that a centralized capacity market will result in vastly higher costs to consumers, in part due to a central auction clearing price. This assertion rests on the presumptions that under the bilateral model (1) LSEs will be able to pay existing resources less for RA capacity than they pay for new investment, and (2) that paying less to existing resources even if feasible would be unequivocally advantageous to consumers. The CAISO disagrees with both presumptions. First, the purported savings would be eroded both by suppliers who will calculate their offer prices to try to earn their estimates of the fair market value of their capacity, and by the activities of financial intermediaries that will offer profitable market-making services to buyers and sellers to

compensate for the absence of a transparent market. Second, contrary to assertions that paying a market clearing capacity price to existing resources will prevent dirty and inefficient resources from retiring, the CAISO would point out that the ability to earn a market clearing price could enable such resources to invest in environmental upgrades and repowering which could meet state environmental objectives at lower cost than driving them to retire and replacing them with new resources. Tightening environmental restrictions and rising costs of compliance (e.g., greenhouse gas allowances) will tend to limit the output of the inefficient or dirty plants. Instead of letting them slip into retirement, however, the recent CAISO study on renewable integration<sup>8</sup> has pointed out that they may be needed primarily for ancillary services, such as regulation, and load following to support the shift of the supply fleet to include increasing amounts of intermittent renewables. In this case, paying them a sufficient capacity payment will support the objective of meeting environmental goals reliably and cost effectively.

### **3. The BTG Proposal Does Not Provide The Clearest Path To An Energy-Only Market**

BTG asserts that a centralized capacity market is incompatible with, and will preclude an eventual transition to, their idea of a gold-standard “energy-only” market. The CAISO does not object to eventually transitioning to an energy-only market, but strongly disagrees that adopting an effective LTRA framework including a central capacity market will impede such a transition. Quite the contrary, a well-designed central capacity market can facilitate a smooth transition as spot market bids and prices are allowed to rise to levels that eliminate the need for RA capacity payments. As the

---

<sup>8</sup> CAISO, Integration of Renewable Resources (November 2007). Available at <http://www.caiso.com/1ca5/1ca5a7a026270.pdf>.

CAISO observed in prior comments,<sup>9</sup> based on the experience of PJM Interconnection, LLC (“PJM”) and ISO New England, Inc. (“ISO-NE”), market-based investment does not appear in energy-only markets with bid caps of \$1,000 per MWh, *i.e.*, where there are no meaningful capacity payments. Accordingly, it appears that without bid caps in the multi-thousand dollar range – and credible assurances to investors that policy makers will not intervene when prices hit that range for hours at a time under peak conditions – new investment in response to an energy-only market in California is a vision of the more distant future.<sup>10</sup> However, nowhere does BTG suggest that State policy makers will be willing to accept high energy prices for a substantial period of time with only nominal mitigation. In any event, the energy-only markets of the Electric Reliability Council of Texas and the Midwest Independent System Operator, Inc., are still too new to provide any evidence of success in attracting investment, whereas the ISO-NE’s recent first run of its Forward Capacity Market (“FCM”) cleared the full quantity of demanded capacity at the price floor, including a substantial quantity of new investment in demand response.

If an energy-only market is eventually determined by policy makers to be suitable for California, then bid caps will need to be lifted to allow spot market prices to rise. When that happens, since suppliers of capacity in a competitive central capacity market will calculate their offer prices to reflect their expected earnings in the spot markets, the prices in the centralized capacity market will fall commensurately as spot market

---

<sup>9</sup> Reply Comments of the CAISO on Staff Recommendations on Capacity Market Structure, March 14, 2008, pp. 4-5.

<sup>10</sup> It should be noted that the energy bid cap in the new CAISO spot markets being implemented will rise to \$1,000 only in the third year of operation, *i.e.*, starting in the first quarter of 2011, and there are no plans at this time for bid caps to be raised further.

earnings rise and reduce the need for RA capacity payments.

#### **4. BTG Fails To Address The Significant Issue Of CAISO Backstop Procurement**

BTG fails to address the significant issues associated with developing a permanent CAISO backstop procurement mechanism, which would be required if the current RA program were to be continued indefinitely instead of adopting a central capacity market. The CAISO points out that the recently filed Interim Capacity Procurement Mechanism (“ICPM”) is intended as an “interim” backstop mechanism and as such has a definite sunset at the end of 2010. Thus, an indefinite extension of the current RA framework would require a reopening of the issues debated in the recent ICPM stakeholder process. The BTG proposal does not offer suggestions on how to structure a CAISO backstop procedure that would be more permanent than ICPM, nor does it acknowledge that all of the controversies that emerged in the ICPM design process would need to be reopened. For example, BTG leaves unresolved the key issue of how the CAISO should determine the backstop price to pay for additional capacity to compensate for LSEs that are deficient in their annual RA showing. The recently-filed ICPM proposal, which is still awaiting a FERC decision, uses an administratively determined uniform price based on the higher of \$41/kw-year or the actual going forward costs of the designated resource plus a 10 percent adder (subject to approval by FERC of the resource’s filed costs). However, market participants have challenged this proposal, so that the final FERC-approved backstop pricing rule is not known at this time. In particular, generators have sought a much higher backstop price based on recent estimates of cost of new entry. In the lengthy CAISO stakeholder process conducted during much of 2007 to determine this interim backstop price, RA

market participants, including both buyers and sellers, repeatedly noted that the current transparent backstop price -- under the prior backstop mechanism known as the Reliability Capacity Services Tariff ("RCST") as well as the present Transitional Capacity Procurement Mechanism ("TCPM") -- has a substantial effect on bilateral contracting in the forward RA market.

Under the current purely bilateral RA program the backstop price is the known deficiency charge (and is potentially augmented by CPUC penalties for jurisdictional LSEs), thus making it the one visible benchmark for bilateral contract negotiation. This outcome is not efficient, because there is only one fixed transparent reference price in all locations. A bulletin board will help improve price transparency, but will not fully resolve the matter of the effect of the CAISO backstop price on the bilateral RA capacity market. As a result, the prospect of having to develop a permanent CAISO backstop mechanism for a purely bilateral LTRA framework will open contentious debates on backstop pricing, a prospect which the BTG's comments ignore.

### **III. OTHER COMMENTS**

#### **1. Difficulty Of Implementing A Multi-Year Forward RA Showing Under A Purely Bilateral RA Framework**

PG&E's comments express a preference for a bilateral RA model without a centralized capacity market, but recognize the need for a multi-year forward capacity commitment process. The CAISO believes that a multi-year forward RA capacity process based entirely on bilateral capacity procurement and LSE showings is unworkable. Under such an approach, one issue likely to be extremely contentious, among others, will be how to establish enforceable four- or five-year forward RA procurement obligations for LSEs, particularly smaller LSEs whose business model

depends on the Direct Access program and who therefore face substantial uncertainty regarding their load obligations four-to-five years in the future. A central capacity market solves this problem for smaller LSEs who can meet all their RA requirements through the central market and simply pay for that capacity based on their actual load in each delivery month. The CAISO believes that a multi-year forward long-term RA design that is purely bilateral without a centralized capacity market would adversely impact the viability of Direct Access.

In addition, as the CPUC knows, a central fixture of today's purely bilateral RA framework is the specification of RA requirements for each LSE, at the system level and for each local capacity area, in advance of the required showing. Under the current one-year-ahead RA time horizon, the uncertainty associated with such specification may be tolerable; however, the magnitude of the uncertainty will vastly increase if LSE requirements must be specified four-to-five years ahead of the delivery year. In contrast, under a multi-year forward centralized capacity market structure there would be no need to specify individual LSE requirements at the time the primary capacity auction is conducted. This would not, of course, preclude the CPUC specifying and enforcing procurement and showing requirements for its regulated LSEs.

What the centralized capacity market would provide is the simplification of being able to determine capacity needs at the system and local levels for all LSEs collectively and to procure in a transparent manner the difference between those collective LSE requirements and the total RA capacity self-provided by LSEs to the centralized capacity market, without having to assign that difference to a bilateral procurement

shortfall of any particular LSEs until the centralized capacity market settlement is conducted at the time of delivery.

#### IV. CONCLUSION

For the foregoing reasons, the CAISO respectfully requests that the Commission adopt the CAISO's positions and recommendations in this matter, and establish a long-term RA framework consistent with the discussion in these reply comments.

Respectfully

submitted,

Anthony  
Assistant

**/s/ Beth Ann Burns**

Ivancovich  
General Counsel - Regulatory  
Beth Ann Burns  
Senior Counsel

CALIFORNIA

INDEPENDENT SYSTEM  
OPERATOR CORPORATION

151  
Folsom  
Tel.  
Fax.

Blue Ravine Road  
California 95630  
(916) 351-4400  
(916) 608-7296  
Email: [bburns@caiso.com](mailto:bburns@caiso.com)

## CERTIFICATE OF SERVICE

I HEREBY CERTIFY THAT ON OCTOBER 8, 2008, I SERVED, BY ELECTRONIC MAIL AND UNITED STATES MAIL, A COPY OF REPLY COMMENTS OF THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR TO COMMENTS ON STAFF'S MODIFIED CENTRALIZED MARKET PROPOSAL IN DOCKET NUMBER R.05-12-013.

DATED at Folsom, California on October 8, 2008.

*Asl Anna Pascuzzo*

Anna Pascuzzo

[apascuzzo@caiso.com](mailto:apascuzzo@caiso.com)

An Employee of the California  
Independent System Operator

ANDREW B. BROWN  
ELLISON SCHNEIDER & HARRIS, LLP  
2015 H STREET  
SACRAMENTO, CA 95811  
abb@eslawfirm.com

AKBAR JAZAYEIRI  
SOUTHERN CALIFORNIA EDISON COMPANY  
PO BOX 800, 2241 WALNUT GROVE AVE  
ROSEMEAD, CA 91770  
akbar.jazayeri@sce.com

G. ALAN COMNES  
NRG ENERGY, INC.  
1817 ASTON AVENUE, SUITE 104  
CARLSBAD, CA 92008  
alan.comnes@nrgenergy.com

FRANK ANNUNZIATO  
AMERICAN UTILITY NETWORK INC.  
10705 DEER CANYON DR.  
ALTA LOMA, CA 91737-2483  
allwazeready@aol.com

AUDRA HARTMANN  
DYNEGY, INC.  
980 NINTH STREET, SUITE 2130  
SACRAMENTO, CA 95814  
Audra.Hartmann@Dynergy.com

BONNIE S. BLAIR  
THOMPSON COBURN LLP  
1909 K STREET, N.W., SUITE 600  
WASHINGTON, DC 20006  
bblair@thompsoncoburn.com

RYAN BERNARDO  
BRAUN BLAISING MCLAUGHLIN, P.C.  
915 L STREET, SUITE 1270  
SACRAMENTO, CA 95814  
bernardo@braunlegal.com

BRIAN K. CHERRY  
PACIFIC GAS AND ELECTRIC COMPANY  
PO BOX 770000, MAIL CODE: B10C  
SAN FRANCISCO, CA 94177  
bk7@pge.com

ROBERT GEX  
DAVIS WRIGHT TREMAINE LLP  
505 MONTGOMERY STREET, SUITE 800  
SAN FRANCISCO, CA 94111  
bobgex@dwt.com

CHARLES A. BRAUN  
BRAUN, BLAISING, MCLAUGHLIN, P.C.,  
915 L STREET, STE. 1270  
SACRAMENTO, CA 95814  
braun@braunlegal.com

Andrew Campbell  
CALIF PUBLIC UTILITIES COMMISSION  
505 VAN NESS AVENUE  
ROOM 5203  
SAN FRANCISCO, CA 94102-3214  
agc@cpuc.ca.gov

G. ALAN COMNES  
NRG ENERGY, INC.  
1817 ASTON AVENUE, SUITE 104  
CARLSBAD, CA 92008  
alan.comnes@nrgenergy.com

ALEXANDER B. MAKLER  
CALPINE CORPORATION  
3875 HOPYARD ROAD, SUITE 345  
PLEASANTON, CA 94588  
alexm@calpine.com

ANNA MCKENNA  
CALIFORNIA ISO  
151 BLUE RAVINE ROAD  
FOLSOM, CA 95630  
amckenna@caiso.com

ANDREA WELLER  
STRATEGIC ENERGY  
3130 D BALFOUR RD., SUITE 290  
BRENTWOOD, CA 94513  
aweller@sel.com

BETH ANN BURNS  
CALIFORNIA ISO  
151 BLUE RAVINE ROAD  
FOLSOM, CA 95630  
bburns@caiso.com

BETH VAUGHAN  
CALIFORNIA COGENERATION COUNCIL  
4391 N. MARSH ELDER COURT  
CONCORD, CA 94521  
beth@beth411.com

SCOTT BLAISING  
BRAUN BLAISING MCLAUGHLIN P.C.  
915 L STREET, STE. 1270  
SACRAMENTO, CA 95814  
blaising@braunlegal.com

KEVIN BOUDREAUX  
CALPINE CORPORATION  
717 TEXAS AVENUE SUITE 1000  
HOUSTON, TX 77002  
boudreauxk@calpine.com

BARBARA R. BARKOVICH  
BARKOVICH & YAP, INC.  
44810 ROSEWOOD TERRACE  
MENDOCINO, CA 95460  
brbarkovich@earthlink.net

ANTHONY J. IVANCOVICH  
CALIFORNIA INDEP. SYSTEM OPERATOR  
CORP  
151 BLUE RAVINE ROAD  
FOLSOM, CA 95630  
aivancovich@caiso.com

ALAN COMNES  
NRG ENERGY  
3934 SE ASH STREET  
PORTLAND, OR 97214  
alan.comnes@nrgenergy.com

ANDREW L. HARRIS  
PACIFIC GAS & ELECTRIC COMPANY  
PO BOX 770000 MAIL CODE B9A  
SAN FRANCISCO, CA 94177  
alho@pge.com

ANNA MCKENNA  
CALIFORNIA ISO  
151 BLUE RAVINE ROAD  
FOLSOM, CA 95630  
amckenna@caiso.com

Bishu Chatterjee  
CALIF PUBLIC UTILITIES COMMISSION  
505 VAN NESS AVENUE  
AREA 4-A  
SAN FRANCISCO, CA 94102-3214  
bbc@cpuc.ca.gov

BRIAN T. CRAGG  
GOODIN MACBRIDE SQUERI RITCHIE & DAY  
505 SANSOME STREET, SUITE 900  
SAN FRANCISCO, CA 94111  
bcragg@goodinmacbride.com

BILL KEY  
FPL ENERGY POWER MARKETING INC.  
700 UNIVERSE BLVD.  
JUNO BEACH, FL 33408  
bill.c.key@fpl.com

BARRY F. MCCARTHY  
MCCARTHY & BERLIN, LLP  
100 W. SAN FERNANDO ST., SUITE 501  
SAN JOSE, CA 95113  
bmcc@mccarthyllaw.com

C. ANTHONY BRAUN  
BRAUN BLAISING MCLAUGHLIN, P.C.  
915 L STREET, SUITE 1270  
SACRAMENTO, CA 95814  
braun@braunlegal.com

BARRY R. FLYNN  
FLYNN RESOURCE CONSULTANTS, INC.  
5440 EDGEVIEW DRIVE  
DISCOVERY BAY, CA 94514  
brflynn@flynnrci.com

BRIAN THEAKER  
DYNEGY, INC.  
980 NINTH STREET, SUITE 2130  
SACRAMENTO, CA 95814  
brian.theaker@dynegy.com

CATHIE ALLEN  
PACIFICORP  
825 NE MULTNOMAH STREET, SUITE 2000  
PORTLAND, OR 97232  
californiadockets@pacificorp.com

CARLA BANKS  
COMPLETE ENERGY  
1331 LAMAR, SUITE 650  
HOUSTON, TX 77010  
cbanks@complete-energy.com

CENTRAL FILES  
SAN DIEGO GAS AND ELECTRIC COMPANY  
8330 CENTURY PARK COURT, CP31E  
SAN DIEGO, CA 92123  
centralfiles@semprautilities.com

CHRISTOPHER A. HILEN  
SIERRA PACIFIC POWER COMPANY  
6100 NEIL ROAD  
RENO, NV 89511  
chilen@sppc.com

CONSTANCE PARR LENI  
CALIFORNIA ENERGY COMMISSION  
1516 NINTH ST  
SACRAMENTO, CA 95814  
Cleni@energy.state.ca.us

CATALIN MICSA  
CAISO  
151 BLUE RAVINE ROAD  
FOLSOM, CA 95630  
cmicsa@caiso.com

CARL PECHMAN  
POWER ECONOMICS  
901 CENTER STREET  
SANTA CRUZ, CA 95060  
cpechman@powereconomics.com

CYNTHIA A. FONNER  
CONSTELLATION ENERGY GROUP INC  
500 WEST WASHINGTON ST, STE 300  
CHICAGO, IL 60661  
Cynthia.A.Fonner@constellation.com

DAVID LLOYD  
NRG ENERGY  
1817 ASTON AVENUE, SUITE 104  
CARLSBAD, CA 92008  
david.lloyd@nrgenergy.com

HSI BANG TANG  
AZUSA LIGHT, POWER & WATER  
729 N. AZUSA AVENUE  
AZUSA, CA 91702-9500  
btang@ci.azusa.ca.us

CARLA PETERMAN  
UCEI  
2547 CHANNING WAY  
BERKELEY, CA 94720  
carla.peterman@gmail.com

CARMEN BASKETTE  
ENERNOC, INC.  
594 HOWARD STREET, SUITE 400  
SAN FRANCISCO, CA 94105  
cbaskette@enernoc.com

CENTRAL FILES  
SAN DIEGO GAS AND ELECTRIC COMPANY  
8330 CENTURY PARK COURT-CP31E  
SAN DIEGO, CA 92123-1530  
centralfiles@semprautilities.com

CYNTHIA HINMAN  
CALIFORNIA ISO  
151 BLUE RAVINE ROAD  
FOLSOM, CA 95630  
CHinman@caiso.com

CRAIG MARTIN  
CALPINE CORPORATION  
19100 VISTA DE MONTANAS  
MURRIETA, CA 92562  
cmartin@calpine.com

CAROLYN KEHREIN  
ENERGY MANAGEMENT SERVICES  
2602 CELEBRATION WAY  
WOODLAND, CA 95776  
cmkehrein@ems-ca.com

CHARLES R. MIDDLEKAUFF  
PACIFIC GAS & ELECTRIC COMPANY  
PO BOX 770000 B30A  
SAN FRANCISCO, CA 94120  
CRMD@pge.com

DANIEL A. KING  
SEMPRA ENERGY  
101 ASH STREET, HQ 12  
SAN DIEGO, CA 92101  
daking@sempra.com

DAVID BRANCHCOMB  
BRANCHCOMB ASSOCIATES, LLC  
9360 OAKTREE LANE  
ORANGEVILLE, CA 95662  
david@branchcomb.com

CLAUDIA GREIF  
3144 ALANHILL LANE  
SAN MATEO, CA 94403  
c.greif@comcast.net

CASE ADMINISTRATION  
SOUTHERN CALIFORNIA EDISON COMPANY  
2244 WALNUT GROVE AVENUE  
ROSEMEAD, CA 91770  
Case.Admin@sce.com

CALIFORNIA ENERGY MARKETS  
425 DIVISADERO ST.  
SAN FRANCISCO, CA 94117  
cem@newsdata.com

Charlyn A. Hook  
CALIF PUBLIC UTILITIES COMMISSION  
505 VAN NESS AVENUE  
ROOM 4107  
SAN FRANCISCO, CA 94102-3214  
chh@cpuc.ca.gov

CHRISTOPHER C. O'HARA  
NRG ENERGY  
211 CARNEGIE CENTER DRIVE  
PRINCETON, NJ 8540  
chris.ohara@nrgenergy.com

CHARLES MEE  
CALIFORNIA DEPARTMENT OF WATER  
RESOURCES  
3310 EL CAMINO AVENUE, LL90  
SACRAMENTO, CA 95821  
cmee@water.ca.gov

CRYSTAL NEEDHAM  
EDISON MISSION ENERGY  
18101 VON KARMAN AVE., STE 1700  
IRVINE, CA 92612-1046  
cneedham@edisonmission.com

CURTIS KEBLER  
GOLDMAN, SACHS & CO.  
2121 AVENUE OF THE STARS  
LOS ANGELES, CA 90067  
curtis.kebler@gs.com

DAN SILVERIA  
SURPRISE VALLEY ELECTRIC  
CORPORATION  
PO BOX 691  
ALTURAS, CA 96101  
dansvec@hdo.net

Donald J. Brooks  
CALIF PUBLIC UTILITIES COMMISSION  
505 VAN NESS AVENUE  
AREA 4-A  
SAN FRANCISCO, CA 94102-3214  
dbr@cpuc.ca.gov

DAN L. CARROLL  
DOWNEY BRAND, LLP  
555 CAPITOL MALL, 10TH FLOOR  
SACRAMENTO, CA 95814  
dcarroll@downeybrand.com

DENNIS M.P. EHLING  
KIRKPATRICK & LOCKHART NICHOLSON  
GRAHAM  
10100 SANTA MONICA BLVD., 7TH FLOOR  
LOS ANGELES, CA 90067  
dehling@kln.com

DON P. GARBER  
SAN DIEGO GAS AND ELECTRIC  
101 ASH STREET  
SAN DIEGO, CA 92101-3017  
DGarber@sempra.com

DIRK A. VAN ULDEN  
UNIVERSITY OF CALIFORNIA  
1111 FRANKLIN STREET, ROOM 6207  
OAKLAND, CA 94607  
dirk.vanulden@ucop.edu

DAVID MARCUS  
PO BOX 1287  
BERKELEY, CA 94701  
dmarcus2@sbcglobal.net

DANIEL W. DOUGLASS  
DOUGLASS & LIDDELL  
21700 OXNARD STREET, SUITE 1030  
WOODLAND HILLS, CA 91367  
douglass@energyattorney.com

KEVIN DUGGAN  
CALPINE CORPORATION  
3875 HOPYARD ROAD, SUITE 345  
PLEASANTON, CA 94588  
duggank@calpine.com

ED CHANG  
FLYNN RESOURCE CONSULTANTS, INC.  
2165 MOONSTONE CIRCLE  
EL DORADO HILLS, CA 95762  
edchang@flynnrci.com

E.J. WRIGHT  
OCCIDENTAL POWER SERVICES, INC.  
111 WEST OCEAN BOULEVARD  
LONG BEACH, TX 90802  
ej\_wright@oxy.com

ELIZABETH PARELLA  
MERRILL LYNCH  
NOTH TOWER, 19TH FLOOR  
NEW YORK, NY 10080  
elizabeth\_parrella@ml.com

DONALD BROOKHYSER  
ALCANTAR & KAHL LLP  
1300 S.W. 5TH AVENUE, SUITE 1750  
PORTLAND, OR 97201  
deb@a-klaw.com

DAVID E. MORSE  
1411 W. COVELL BLVD., SUITE 106-292  
DAVIS, CA 95616-5934  
demorse@omsoft.com

DIANE I. FELLMAN  
FPL ENERGY PROJECT MANAGEMENT, INC.  
234 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102  
Diane.Fellman@fpl.com

Donna J. Hines  
CALIF PUBLIC UTILITIES COMMISSION  
505 VAN NESS AVENUE  
ROOM 4102  
SAN FRANCISCO, CA 94102-3214  
djh@cpuc.ca.gov

DOUGLAS MCFARLAN  
MIDWEST GENERATION EME  
440 SOUTH LASALLE ST., SUITE 3500  
CHICAGO, IL 60605  
dmcfarlan@mwgen.com

DESPINA NIEHAUS  
SAN DIEGO GAS AND ELECTRIC COMPANY  
8330 CENTURY PARK COURT-CP32H  
SAN DIEGO, CA 92123-1530  
dpapapostolou@semprautilities.com

DAVID WITHROW  
CALIFORNIA ISO  
151 BLUE RAVINE ROAD  
FOLSOM, CA 95630  
dwithrow@caiso.com

Elizabeth Dorman  
CALIF PUBLIC UTILITIES COMMISSION  
505 VAN NESS AVENUE  
ROOM 4300  
SAN FRANCISCO, CA 94102-3214  
edd@cpuc.ca.gov

EVELYN KAHL  
ALCANTAR & KAHL, LLP  
120 MONTGOMERY STREET, SUITE 2200  
SAN FRANCISCO, CA 94104  
ek@a-klaw.com

ED LUCHA  
PACIFIC GAS AND ELECTRIC COMPANY  
PO BOX 770000, MAIL CODE B9A  
SAN FRANCISCO, CA 94177  
ELL5@pge.com

DEBRA LLOYD  
CITY OF PALO ALTO  
250 HAMILTON AVE.  
PALO ALTO, CA 94301  
debra.lloyd@cityofpaloalto.org

DENINIS DE CUIR  
DENNIS W. DE CUIR, A LAW CORPORATION  
2999 DOUGLAS BOULEVARD, SUITE 325  
ROSEVILLE, CA 95661  
dennis@ddecuir.com

WILLIAM F. DIETRICH  
DIETRICH LAW  
2977 YGNACIO VALLEY ROAD, NO. 613  
WALNUT CREEK, CA 94598-3535  
dietrichlaw2@earthlink.net

DAVID X. KOLK  
COMPLETE ENERGY SERVICES INC  
41422 MAGNOLIA STREET  
MURRIETA, CA 92562  
dkolk@compenergy.com

DESPINA NIEHAUS  
SAN DIEGO GAS AND ELECTRIC COMPANY  
8330 CENTURY PARK COURT, CP32H  
SAN DIEGO, CA 92123-1530  
dniehaus@semprautilities.com

DAVID A. SANDINO  
CALIFORNIA DEPARTMENT OF WATER  
RESOURCES  
1416 9TH STREET RM 1118  
SACRAMENTO, CA 95814  
dsandino@water.ca.gov

DONALD SCHOENBECK  
RCS, INC.  
900 WASHINGTON STREET, SUITE 780  
VANCOUVER, WA 98660  
dws@r-c-s-inc.com

EDWARD W. O'NEILL  
DAVIS WRIGHT TREMAINE LLP  
505 MONTGOMERY STREET, SUITE 800  
SAN FRANCISCO, CA 94111-6533  
edwardoneill@dwt.com

Elizabeth Stoltzfus  
CALIF PUBLIC UTILITIES COMMISSION  
505 VAN NESS AVENUE  
AREA 4-A  
SAN FRANCISCO, CA 94102-3214  
eks@cpuc.ca.gov

ELENA MELLO  
SIERRA PACIFIC POWER COMPANY  
6100 NEIL ROAD  
RENO, NV 89520  
emello@sppc.com

ERIC OLSON  
NAVIGANT CONSULTING INC.  
3100 ZINFANDEL DR., STE 600  
RANCHO CORDOVA, CA 95670-6078  
eolson@navigantconsulting.com

VICKI E. FERGUSON  
BRAUN & BLAISING P.C.  
915 L STREET, SUITE 1270  
SACRAMENTO, CA 95814  
ferguson@braunlegal.com

FRED MOBASHERI  
ELECTRIC POWER GROUP  
201 S. LAKE AVE., SUITE 400  
PASADENA, CA 91101  
fmobasher@aol.com

GREGORY T. BLUE  
ENXCO DEVELOPMENT CORP.  
5000 EXECUTIVE PARKWAY, STE. 140  
SAN RAMON, CA 94583  
gblue@enxco.com

GIFFORD JUNG  
POWEREX CORPORATION  
666 BURRARD STREET, SUITE 1400  
VANCOUVER, BC V5R 4Y2  
gifford.jung@powerex.com

GRACE LIVINGSTON-NUNLEY  
PACIFIC GAS AND ELECTRIC COMPANY  
PO BOX 770000 MAIL CODE B9A  
SAN FRANCISCO, CA 94177  
GXL2@pge.com

HOLLY B. CRONIN  
CALIFORNIA DEPARTMENT OF WATER  
RESOURCES  
3310 EL CAMINO AVE., LL-90  
SACRAMENTO, CA 95821  
hcronin@water.ca.gov

IRENE K. MOOSEN  
53 SANTA YNEZ AVENUE  
SAN FRANCISCO, CA 94112  
irene@igc.org

JENNIFER CHAMBERLIN  
STRATEGIC ENERGY, LLC  
2633 WELLINGTON CT.  
CLYDE, CA 94520  
jchamberlin@strategicenergy.com

JEFF LAM  
POWEREX CORP  
666 BURRARD STREET, SUITE 1400  
VANCOUVER, BC V6C 2X8  
jeff.lam@powerex.com

CALIFORNIA ISO  
151 BLUE RAVINE ROAD  
FOLSOM, CA 95630  
e-recipient@caiso.com

KAREN TERRANOVA  
ALCANTAR & KAHL, LLP  
120 MONTGOMERY STREET, STE 2200  
SAN FRANCISCO, CA 94104  
filings@a-klaw.com

Farzad Ghazzagh  
CALIF PUBLIC UTILITIES COMMISSION  
505 VAN NESS AVENUE  
ROOM 4209  
SAN FRANCISCO, CA 94102-3214  
fxg@cpuc.ca.gov

GARY DESHAZO  
CALIFORNIA ISO  
PO BOX 639014  
FOLSOM, CA 95763-9014  
gdeshazo@caiso.com

GRANT A. ROSENBLUM  
CALIFORNIA ISO  
151 BLUE RAVINE ROAD  
FOLSOM, CA 95630  
grosenblum@caiso.com

HARRY SINGH  
RBS SEMPRA COMMODITIES  
58 COMMERCE ROAD,  
STAMFORD, CT 6902  
harry.singh@rbssempra.com

HUGH TARPLEY  
COMPLETE ENERGY  
1331 LAMAR SUITE 650  
HOUSTON, TX 77010  
htarpley@complete-energy.com

L. JAN REID  
COAST ECONOMIC CONSULTING  
3185 GROSS ROAD  
SANTA CRUZ, CA 95062  
janreid@coastecon.com

JACQUELINE DEROSA  
CUSTOMIZED ENERGY SOLUTIONS  
101 PARKSHORE DRIVE SUITE 100  
FOLSOM, CA 95630  
jderosa@ces-ltd.com

JEFFREY P. GRAY  
DAVIS WRIGHT TREMAINE, LLP  
505 MONTGOMERY STREET, SUITE 800  
SAN FRANCISCO, CA 94111-6533  
jeffgray@dwt.com

EDWARD V. KURZ  
PACIFIC GAS AND ELECTRIC COMPANY  
77 BEALE STREET  
SAN FRANCISCO, CA 94105  
evk1@pge.com

FRED MASON  
CITY OF BANNING  
176 EAST LINCOLN  
BANNING, CA 92220  
fmason@ci.banning.ca.us

GURCHARAN BAWA  
PASADENA WATER AND POWER  
150 S. LOS ROBLES, SUITE 200  
PASADENA, CA 91101  
gbawa@cityofpasadena.net

UNIVERSITY OF CALIFORNIA  
1111 FRANKLIN STREET, 6TH FLOOR  
OAKLAND, CA 94607  
george.getgen@ucop.edu

GRETCHEN SCHOTT  
RELIANT ENERGY, INC.  
1000 MAIN STREET  
HOUSTON, TX 77002  
gschott@reliant.com

MICHAEL WERNER  
CALIFORNIA DEPARTMENT OF WATER  
RESOURCES  
3310 EL CAMINO AVE, LL90  
SACRAMENTO, CA 95821  
hcronin@water.ca.gov

IRYNA KWASNY  
DEPT. OF WATER RESOURCES-CERS  
DIVISION  
3310 EL CAMINO AVE., STE.120  
SACRAMENTO, CA 95821  
ikwasny@water.ca.gov

JEANNE B. ARMSTRONG  
GOODIN MACBRIDE SQUERI RITCHIE & DAY  
LLP  
505 SANSOME STREET, SUITE 900  
SAN FRANCISCO, CA 94111  
jarmstrong@goodinmacbride.com

JEFFERY D. HARRIS  
ELLISON, SCHNEIDER & HARRIS LLP  
2015 H STREET  
SACRAMENTO, CA 95811-3109  
jdh@eslawfirm.com

JENINE SCHENK  
APS ENERGY SERVICES  
400 E. VAN BUREN STREET, SUITE 750  
PHOENIX, AZ 85004  
jenine.schenk@apses.com

JESUS ARREDONDO  
NRG ENERGY INC.  
4600 CARLSBAD BLVD.  
CARLSBAD, CA 92028  
jesus.arredondo@nrgenergy.com

JIM HENDRY  
SAN FRANCISCO PUBLIC UTILITIES COMM.  
1155 MARKET STREET, 4TH FLOOR  
SAN FRANCISCO, CA 94103  
jhendry@sfgwater.org

JEDEDIAH GIBSON  
ELLISON SCHNEIDER & HARRIS  
2015 H STREET  
SACRAMENTO, CA 95811  
jig@eslawfirm.com

JOHN W. LESLIE  
LUCE, FORWARD, HAMILTON & SCRIPPS,  
LLP  
11988 EL CAMINO REAL, SUITE 200  
SAN DIEGO, CA 92130  
jleslie@luce.com

JAMES MCMAHON  
CRA INTERNATIONAL  
50 CHURCH ST.  
CAMBRIDGE, MA 2138  
jmcmahon@crai.com

JESSICA NELSON  
PLUMAS SIERRA RURAL ELECTRIC COOP.  
(908)  
73233 STATE ROUTE 70  
PORTOLA, CA 96122-7069  
jnelson@psrec.coop

UNIVERSITY OF CALIFORNIA  
1111 FRANKLIN STREET, 6TH FLOOR  
OAKLAND, CA 94607  
john.rolle@ucop.edu

JOY A. WARREN  
MODESTO IRRIGATION DISTRICT  
1231 11TH STREET  
MODESTO, CA 95354  
joyw@mid.org

JAMES D. SQUERI  
GOODIN, MACBRIDE, SQUERI, DAY &  
LAMPREY  
505 SANSOME STREET, SUITE 900  
SAN FRANCISCO, CA 94111  
jsqueri@goodinmacbride.com

JAMES WEIL  
AGLET CONSUMER ALLIANCE  
PO BOX 37  
COOL, CA 95614  
jweil@aglet.org

JACQUELINE GEORGE  
CALIF. DEPT OF WATER RESOURCES  
3310 EL CAMINO AVE, RM. 120  
SACRAMENTO, CA 95821  
jgeorge@water.ca.gov

JAMES MAYHEW  
MIRANT CORPORATION  
1155 PERIMETER CENTER WEST  
ATLANTA, GA 30338  
jim.mayhew@mirant.com

JEDEDIAH J. GIBSON  
ELLISON SCHNEIDER & HARRIS LLP  
2015 H STREET  
SACRAMENTO, CA 95811  
jig@eslawfirm.com

JANE E. LUCKHARDT  
DOWNEY BRAND LLP  
555 CAPITOL MALL, 10TH FLOOR  
SACRAMENTO, CA 95814  
jluckhardt@downeybrand.com

JENNIFER A. MORRISSEY  
CLEARY GOTTLIEB STEEN & HAMILTON LLP  
2000 PENNSYLVANIA AVE., NW, SUITE 900  
WASHINGTON, DC 20006  
jmorrissey@cgsh.com

Joe Como  
CALIF PUBLIC UTILITIES COMMISSION  
505 VAN NESS AVENUE  
ROOM 5033  
SAN FRANCISCO, CA 94102-3214  
joc@cpuc.ca.gov

JOHN R. REDDING  
ARCTURUS ENERGY CONSULTING  
44810 ROSEWOOD TERRACE  
MENDOCINO, CA 95460  
johnredding@earthlink.net

JOHN PACHECO  
CA DEPT. OF WATER RESOURCES  
3310 EL CAMINO AVENUE, SUITE 120  
SACRAMENTO, CA 95821  
jpacheco@water.ca.gov

JUDY PAU  
DAVIS WRIGHT TREMAINE LLP  
505 MONTGOMERY STREET, SUITE 800  
SAN FRANCISCO, CA 94111-6533  
judypau@dwt.com

JOSEPH F. WIEDMAN  
GOODIN MACBRIDE SQUERI DAY &  
LAMPREY LLP  
505 SANSOME STREET, SUITE 900  
SAN FRANCISCO, CA 94111  
jwiedman@goodinmacbride.com

JOHN GOODIN  
CALIFORNIA ISO  
151 BLUE RAVINE RD.  
FOLSOM, CA 95630  
jgoodin@caiso.com

JAMES ROSS  
REGULATORY & COGENERATION  
SERVICES, INC.  
500 CHESTERFIELD CENTER, SUITE 320  
CHESTERFIELD, MO 63017  
jimross@r-c-s-inc.com

KAREN E. BOWEN  
WINSTON & STRAWN LLP  
101 CALIFORNIA STREET, 39TH FLOOR  
SAN FRANCISCO, CA 94111  
jkarp@winston.com

JAMES MCCLAIN  
CALIFORNIA INDEPENDENT SYSTEM  
OPERATOR  
151 BLUE RAVINE ROAD  
FOLSOM, CA 95630  
jmcclain@caiso.com

JESSICA NELSON  
PLUMAS-SIERRA RURAL ELECTRIC CO-OP  
73233 STATE ROUTE 70  
PORTOLA, CA 96122-7069  
jnelson@psrec.coop

JOSEPH PAUL  
DYNEGY, INC.  
4140 DUBLIN BLVD., STE. 100  
DUBLIN, CA 94568  
joe.paul@dynegy.com

JEANNETTE OLKO  
650 NORTH LA CADENA DRIVE  
COLTON, CA 92324  
jolko@ci.colton.ca.us

JANINE L. SCANCARELLI  
FOLGER, LEVIN & KAHN, LLP  
275 BATTERY STREET, 23RD FLOOR  
SAN FRANCISCO, CA 94111  
jscancarelli@flk.com

JULIE L. MARTIN  
NORTH AMERICA GAS AND POWER  
501 WESTLAKE PARK BLVD.  
HOUSTON, TX 77079  
julie.martin@bp.com

JIM WOODWARD  
CALIFORNIA ENERGY COMMISSION  
1516 NINTH STREET, MS 20  
SACRAMENTO, CA 95814-5512  
jwoodwar@energy.state.ca.us

KENNETH E. ABREU  
853 OVERLOOK COURT  
SAN MATEO, CA 94403  
k.abreu@sbcglobal.net

KAREN A. LINDH  
LINDH & ASSOCIATES  
7909 WALERGA ROAD, NO. 112, PMB 119  
ANTELOPE, CA 95843  
karen@klindh.com

Kevin R. Dudney  
CALIF PUBLIC UTILITIES COMMISSION  
505 VAN NESS AVENUE  
AREA 4-A  
SAN FRANCISCO, CA 94102-3214  
kd1@cpuc.ca.gov

KEVIN WOODRUFF  
WOODRUFF EXPERT SERVICES, INC.  
1100 K STREET, SUITE 204  
SACRAMENTO, CA 95814  
kdw@woodruff-expert-services.com

KERRY HATTEVIK  
NRG ENERGY  
829 ARLINGTON BLVD.  
EL CERRITO, CA 94530  
kerry.hattevik@nrgenergy.com

KEVIN J. SIMONSEN  
ENERGY MANAGEMENT SERVICES  
646 EAST THIRD AVENUE  
DURANGO, CO 81301  
kjsimonsen@ems-ca.com

KIM KIENER  
504 CATALINA BLVD.  
SAN DIEGO, CA 92106  
kмкиener@fox.net

Karen P. Paull  
CALIF PUBLIC UTILITIES COMMISSION  
505 VAN NESS AVENUE  
ROOM 4300  
SAN FRANCISCO, CA 94102-3214  
kpp@cpuc.ca.gov

KURT DUVALL  
CITY OF CORONA  
730 CORPORATION YARD WAY  
CORONA, CA 92880  
kurt.duvall@ci.corona.ca.us

LISA A. COTTLE  
WINSTON & STRAWN LLP  
101 CALIFORNIA STREET, 39TH FLOOR  
SAN FRANCISCO, CA 94111  
lcottle@winston.com

KEONI ALMEIDA  
CALIFORNIA INDEPENDENT SYSTEM  
OPERATOR  
151 BLUE RAVINE RD.  
FOLSOM, CA 95630  
kalmeida@caiso.com

KATHRYN WIG  
NRG ENERGY, INC.  
211 CARNEGIE CENTER  
PRINCETON, NY 8540  
Kathryn.Wig@nrgenergy.com

KIRBY DUSEL  
NAVIGANT CONSULTING, INC.  
3100 ZINFANDEL DRIVE, SUITE 600  
RANCHO CORDOVA, CA 95670  
kdusel@navigantconsulting.com

KEITH MCCREA  
SUTHERLAND, ASBILL & BRENNAN  
1275 PENNSYLVANIA AVENUE, NW  
WASHINGTON, DC 20004-2415  
keith.mccrea@sablaw.com

KATHLEEN ESPOSITO  
CRESTED BUTTE CATALYSTS LLC  
PO BOX 668  
CRESTED BUTTE, CO 81224  
kesposito@cbcatalysts.com

GREGORY S.G. KLATT  
DOUGLASS & LIDDELL  
411 E. HUNTINGTON DRIVE, SUITE 107-356  
ARCADIA, CA 91007  
klatt@energyattorney.com

KARLEEN O'CONNOR  
WINSTON & STRAWN LLP  
101 CALIFORNIA STREET 39TH FLR  
SAN FRANCISCO, CA 94111  
koconnor@winston.com

KEN SIMS  
SILICON VALLEY POWER  
1601 CIVIC CENTER DR. NO. 201  
SANTA CLARA, CA 95050  
ksims@siliconvalleypower.com

Laurence Chaset  
CALIF PUBLIC UTILITIES COMMISSION  
505 VAN NESS AVENUE  
ROOM 5131  
SAN FRANCISCO, CA 94102-3214  
lau@cpuc.ca.gov

DONALD C. LIDDELL  
DOUGLASS & LIDDELL  
2928 2ND AVENUE  
SAN DIEGO, CA 92103  
liddell@energyattorney.com

KAREN LEE  
SOUTHERN CALIFORNIA EDISON  
2244 WALNUT GROVE AVE. PO BOX 800  
ROSEMEAD, CA 91770  
karen.lee@sce.com

KATIE KAPLAN  
INTEGRATED ENERGY SOLUTIONS LLC  
2701 DEL PASO ROAD, SUITE 130-304  
SACRAMENTO, CA 95835  
katie@iesolutionsllc.net

Kathryn Auriemma  
CALIF PUBLIC UTILITIES COMMISSION  
505 VAN NESS AVENUE  
AREA 4-A  
SAN FRANCISCO, CA 94102-3214  
kdw@cpuc.ca.gov

KENNY SWAIN  
NAVIGANT CONSULTING  
3100 ZINFANDEL DRIVE, SUITE 600  
RANCHO CORDOVA, CA 95670  
kenneth.swain@navigantconsulting.com

KEITH JOHNSON  
CALIFORNIA INDEPENDENT SYSTEM  
OPERATOR  
151 BLUE RAVINE ROAD  
FOLSOM, CA 95630  
kjohnson@caiso.com

KIMBERLY KIENER  
IMPERIAL IRRIGATION DISTRICT  
504 CATALINA BLVD.  
SAN DIEGO, CA 92106  
kмкиener@cox.net

AVIS KOWALEWSKI  
CALPINE CORPORATION  
3875 HOPYARD ROAD, SUITE 345  
PLEASANTON, CA 94588  
kowalewskia@calpine.com

KEITH SWITZER  
GOLDEN STATE WATER COMPANY  
630 EAST FOOTHILL BLVD.  
SAN DIMAS, CA 91773-9016  
kswitzer@gswater.com

LAURA GENAO  
SOUTHERN CALIFORNIA EDISON COMPANY  
PO BOX 800 2244 WALNUT GROVE AVE.  
ROSEMEAD, CA 91770  
laura.genao@sce.com

LINDA Y. SHERIF  
CALPINE CORPORATION  
3875 HOPYARD ROAD, SUITE 345  
PLEASANTON, CA 94588  
linda.sherif@calpine.com

LISA M. DECKER  
CONSTELLATION ENERGY GROUP, INC.  
111 MARKET PLACE, SUITE 500  
BALTIMORE, MD 21202  
lisa.decker@constellation.com

LORENZO KRISTOV  
CALIFORNIA ISO  
151 BLUE RAVINE ROAD  
FOLSOM, CA 95630  
Lkristov@caiso.com

LEE TERRY  
CALIFORNIA DEPARTMENT OF WATER  
RESOURCES  
3310 EL CAMINO AVENUE  
SACRAMENTO, CA 95821  
lterry@water.ca.gov

MARCIE MILNER  
CORAL ENERGY RESOURCES, L P  
4445 EASTGATE MALL, SUITE 100  
SAN DIEGO, CA 92121  
marcie.milner@shell.com

BRUCE MCLAUGHLIN  
BRAUN & BLAISING, P.C.  
915 L STREET SUITE 1270  
SACRAMENTO, CA 95814  
mclaughlin@braunlegal.com

MICHEL PETER FLORIO  
THE UTILITY REFORM NETWORK  
711 VAN NESS AVENUE, SUITE 350  
SAN FRANCISCO, CA 94102  
mflorio@turn.org

MIKE EVANS  
CORAL POWER, LLC  
4445 EASTGATE MALL, SUITE 100  
SAN DIEGO, CA 92121  
michael.evans@shell.com

Matthew Deal  
CALIF PUBLIC UTILITIES COMMISSION  
505 VAN NESS AVENUE  
ROOM 5215  
SAN FRANCISCO, CA 94102-3214  
mjd@cpuc.ca.gov

MOHAN NIROULA  
CALIF DEPT OF WATER RESOURCES  
3310 EL CAMINO AVENUE, STE 256  
SACRAMENTO, CA 95821  
mniroula@water.ca.gov

MARK R. HUFFMAN  
PACIFIC GAS AND ELECTRIC COMPANY  
77 BEALE STREET  
SAN FRANCISCO, CA 94105  
mrh2@pge.com

LISA WEINZIMER  
PLATTS MCGRAW-HILL  
695 NINTH AVENUE, NO. 2  
SAN FRANCISCO, CA 94118  
lisa\_weinzimer@platts.com

LYNN MARSHALL  
CALIFORNIA ENERGY COMMISSION  
1516 NINTH STREET, MS-22  
SACRAMENTO, CA 95814  
lmarshall@energy.state.ca.us

LEEANNE UHLER  
CITY OF RIVERSIDE  
2911 ADAMS STREET  
RIVERSIDE, CA 92504  
luhler@riversideca.gov

MARY LYNCH  
CONSTELLATION ENERGY COMMODITIES  
GRP  
2377 GOLD MEDAL WAY, SUITE 100  
GOLD RIVER, CA 95670  
mary.lynch@constellation.com

MICHAEL B. DAY  
GOODIN MACBRIDE SQUERI DAY &  
LAMPREY LLP  
505 SANSOME STREET, SUITE 900  
SAN FRANCISCO, CA 94111  
mday@goodinmacbride.com

MELANIE GILLETTE  
ENERNOC, INC.  
115 HAZELMERE DRIVE  
FOLSOM, CA 95630  
mgillette@enernoc.com

MICHAEL J. GERGEN  
LATHAM & WATKINS LLP  
555 ELEVENTH STREET, NW  
WASHINGTON, DC 20004-1304  
michael.gergen@lw.com

MICHAEL MAZUR  
2100 SEPULVEDA BLVD., STE 37  
MANHATTAN BEACH, CA 90266  
mmazur@3phasesRenewables.com

MARC PRYOR  
CALIFORNIA ENERGY COMMISSION  
1516 9TH ST, MS 20  
SACRAMENTO, CA 95814  
mpryor@energy.state.ca.us

MIKE RINGER  
CALIFORNIA ENERGY COMMISSION  
1516 NINTH STREET, MS-20  
SACRAMENTO, CA 95814-5512  
mringer@energy.state.ca.us

LAWRENCE KOSTRZEWA  
EDISON MISSION ENERGY  
18101 VON KARMAN AVE., STE 1700  
IRVINE, CA 92612-1046  
lkostrzewa@edisonmission.com

LYNN M. HAUG  
ELLISON & SCHNEIDER  
2015 H STREET  
SACRAMENTO, CA 95814-3109  
lmh@eslawfirm.com

LANA WONG  
CALIFORNIA ENERGY COMMISSION  
1516 NINTH ST., MS-20  
SACRAMENTO, CA 95814  
lwong@energy.state.ca.us

UNIVERSITY OF CALIFORNIA  
1111 FRANKLIN STREET, 6TH FLOOR  
OAKLAND, CA 94607  
matthew.stclair@ucop.edu

MARC D. JOSEPH  
ADAMS, BROADWELL, JOSEPH & CARDOZO  
601 GATEWAY BLVD., STE. 1000  
SOUTH SAN FRANCISCO, CA 94080  
mdjoseph@adamsbroadwell.com

MICHAEL A. BACKSTROM  
SOUTHERN CALIFORNIA EDISON COMPANY  
2244 WALNUT GROVE AVENUE  
ROSEMEAD, CA 91770  
michael.backstrom@sce.com

MIKE JASKE  
CALIFORNIA ENERGY COMMISSION  
1516 NINTH STREET, MS-22  
SACRAMENTO, CA 95814  
mjaske@energy.state.ca.us

MARGARET E. MCNAUL  
THOMPSON COBURN LLP  
1909 K STREET, N.W., SUITE 600  
WASHINGTON, DC 20006  
mmcnaul@thompsoncoburn.com

MANUEL RAMIREZ  
CITY AND COUNTY OF SAN FRANCISCO  
1155 MARKET STREET, 4TH FLOOR  
SAN FRANCISCO, CA 94103  
mramirez@sfgwater.org

MRW & ASSOCIATES, INC.  
1814 FRANKLIN STREET, SUITE 720  
OAKLAND, CA 94612  
mrw@mrwassoc.com

UCAN  
3100 FIFTH AVENUE, SUITE B  
SAN DIEGO, CA 92103  
mshames@ucan.org

MARIO VILLAR  
SIERRA PACIFIC POWER COMPANY  
6226 W SAHARA AVENUE MS26  
LAS VEGAS, NV 89146  
mvillar@nevpc.com

SHMUEL S. OREN  
UNIVERSITY OF CALIFORNIA AT BERKELEY  
ETCHEVERRY HALL 4119  
BERKELEY, CA 94720-1777  
oren@ieor.berkeley.edu

MARK L. PERLIS  
DICKSTEIN SHAPIRO LLP  
1825 EYE STREET, NW  
WASHINGTON, DC 20006  
perlism@dicksteinshapiro.com

PHILIPPE AUCLAIR  
11 RUSSELL COURT  
WALNUT CREEK, CA 94598  
philha@astound.net

PAMELA J. MILLS  
SAN DIEGO GAS & ELECTRIC  
8330 CENTURY PARK COURT, CP32H  
SAN DIEGO, CA 92123  
pmills@semprautilities.com

PATRICIA THOMPSON  
SUMMIT BLUE CONSULTING  
2920 CAMINO DIABLO, SUITE 210  
WALNUT CREEK, CA 94597  
pthompson@summitblue.com

RICHARD H. COUNIHAN  
ENERNOC, INC.  
594 HOWARD ST., SUITE 400  
SAN FRANCISCO, CA 94105  
rcounihan@enernoc.com

RONALD MOORE  
GOLDEN STATE WATER/BEAR VALLEY  
ELECTRIC  
630 EAST FOOTHILL BOULEVARD  
SAN DIMAS, CA 91773  
rkmoore@gswater.com

RANDY NICHOLSON  
SAN DIEGO GAS & ELECTRIC  
8330 CENTURY PARK COURT, CP32H  
SAN DIEGO, CA 92123  
RNicholson@Semprautilities.com

Mark S. Wetzell  
CALIF PUBLIC UTILITIES COMMISSION  
505 VAN NESS AVENUE  
ROOM 5009  
SAN FRANCISCO, CA 94102-3214  
msw@cpuc.ca.gov

MICHAEL A. YUFFEE  
MCDERMOTT WILL & EMERY LLP  
600 THIRTEENTH STREET, N.W.  
WASHINGTON, DC 20005-3096  
myuffee@mwe.com

PATRICIA R. THOMPSON  
SUMMIT BLUE CONSULTING  
2752 DOS RIOS DR.  
SAN RAMON, CA 94583  
Patricia.R.Thompson@gmail.com

PETER T. PEARSON  
BEAR VALLEY ELECTRIC SERVICE  
42020 GARSTIN ROAD  
BIG BEAR LAKE, CA 92315  
peter.pearson@bves.com

PHILLIP J. MULLER  
SCD ENERGY SOLUTIONS  
436 NOVA ALBION WAY  
SAN RAFAEL, CA 94903  
philm@scdenergy.com

PHILIP D. PETTINGILL  
CALIFORNIA INDEPENDENT SYSTEM  
OPERATOR  
151 BLUE RAVINE ROAD  
FOLSOM, CA 95630  
ppettingill@caiso.com

RACHEL MCMAHON  
CEERT  
1100 11TH STREET, SUITE 311  
SACRAMENTO, CA 95814  
rachel@ceert.org

BOB EMMERT  
CALIFORNIA ISO  
151 BLUE RAVINE ROAD  
FOLSOM, CA 95630  
remmert@caiso.com

Robert L. Strauss  
CALIF PUBLIC UTILITIES COMMISSION  
505 VAN NESS AVENUE  
AREA 4-A  
SAN FRANCISCO, CA 94102-3214  
rls@cpuc.ca.gov

ROGER VAN HOY  
MSR PUBLIC POWER AGENCY  
1231 11TH STREET  
MODESTO, CA 95354  
rogerv@mid.org

MICHAEL TEN EYCK  
CITY OF RANCHO CUCAMONGA  
10500 CIVIC CENTER DRIVE  
RANCHO CUCAMONGA, CA 91730  
MtenEyck@ci.rancho-cucamonga.ca.us

NANCY TRONAAS  
CALIFORNIA ENERGY COMMISSION  
1516 9TH ST. MS-20  
SACRAMENTO, CA 95814-5512  
ntronaas@energy.state.ca.us

PATRICIA GIDEON  
PACIFIC GAS AND ELECTRIC COMPANY  
PO BOX 770000  
SAN FRANCISCO, CA 94177  
pcg8@pge.com

PHILIP HERRINGTON  
EDISON MISSION ENERGY  
18101 VON KARMAN AVENUE, STE 1700  
IRVINE, CA 92612-1046  
pherrington@edisonmission.com

PAUL D. MAXWELL  
NAVIGANT CONSULTING, INC.  
3100 ZINFANDEL DRIVE, SUITE 600  
RANCHO CORDOVA, CA 95670-6078  
pmaxwell@navigantconsulting.com

PETER TELLEGEN  
COMPLETE ENERGY  
1331 LAMAR, SUITE 650  
HOUSTON, TX 77010  
ptellegen@complete-energy.com

JOHN DUTCHER  
MOUNTAIN UTILITIES  
3210 CORTE VALENCIA  
FAIRFIELD, CA 94534-7875  
ralf1241a@cs.com

RICK C. NOGER  
PRAXAIR PLAINFIELD, INC.  
2711 CENTERVILLE ROAD, SUITE 400  
WILMINGTON, DE 19808  
rick\_noger@praxair.com

Rahmon Momoh  
CALIF PUBLIC UTILITIES COMMISSION  
505 VAN NESS AVENUE  
ROOM 4205  
SAN FRANCISCO, CA 94102-3214  
rmm@cpuc.ca.gov

ROD AOKI  
ALCANTAR & KAHL, LLP  
120 MONTGOMERY STREET, SUITE 2200  
SAN FRANCISCO, CA 94104  
rsa@a-klaw.com

REED V. SCHMIDT  
BARTLE WELLS ASSOCIATES  
1889 ALCATRAZ AVENUE  
BERKELEY, CA 94703  
rschmidt@bartlewells.com

ROBIN J. WALTHER, PH.D.  
1380 OAK CREEK DRIVE., 316  
PALO ALTO, CA 94305  
rwalth@pacbell.net

STEPHANIE LA SHAWN  
PACIFIC GAS AND ELECTRIC COMPANY  
PO BOX 770000, MAIL CODE B9A  
SAN FRANCISCO, CA 94177  
S1L7@pge.com

SARA O'NEILL  
CONSTELLATION NEW ENERGY, INC.  
ONE MARKET STREET  
SAN FRANCISCO, CA 94105  
sara.oneill@constellation.com

SETH D. HILTON  
STOEL RIVES  
111 SUTTER ST., SUITE 700  
SAN FRANCISCO, CA 94104  
sdhilton@stoel.com

SHAUN HALVERSON  
PACIFIC GAS AND ELECTRIC COMPANY  
PO BOX 770000  
SAN FRANCISCO, CA 94177  
SEHC@pge.com

STEPHEN KEEHN  
SEMPRA ENERGY CORPORATE CENTER  
101 ASH STREET-HQ13A  
SAN DIEGO, CA 92101-3017  
skeehn@sempra.com

SEBASTIEN CSAPO  
PG&E PROJECT MGR.  
PO BOX 770000  
SAN FRANCISCO, CA 94177  
sscb@pge.com

STEVEN HUZHMAN  
MORGAN STANLEY CAPITAL GROUP INC.  
2000 WESTCHESTER AVENUE  
PURCHASE, NY 10577  
steven.huhman@morganstanley.com

SUE MARA  
RTO ADVISORS, LLC.  
164 SPRINGDALE WAY  
REDWOOD CITY, CA 94062  
sue.mara@rtoadvisors.com

ROBIN SMUTNY-JONES  
CALIFORNIA ISO  
151 BLUE RAVINE ROAD  
FOLSOM, CA 95630  
rsmutny-jones@caiso.com

REID A. WINTHROP  
PILOT POWER GROUP, INC.  
8910 UNIVERSITY CENTER LANE, SUITE 520  
SAN DIEGO, CA 92122  
rwinthrop@pilotpowergroup.com

SAEED FARROKHPAY  
FEDERAL ENERGY REGULATORY  
COMMISSION  
110 BLUE RAVINE RD., SUITE 107  
FOLSOM, CA 95630  
saeed.farrokhpay@ferc.gov

C. SUSIE BERLIN  
MC CARTHY & BERLIN, LLP  
100 PARK CENTER PLAZA, SUITE 510  
SAN JOSE, CA 95113  
sberlin@mccarthyllaw.com

SEAN P. BEATTY  
MIRANT CALIFORNIA, LLC  
PO BOX 192  
PITTSBURG, CA 94565  
sean.beatty@mirant.com

STEPHEN HESS  
EDISON MISSION MARKETING & TRADING  
INC.  
18101 VON KARMAN AVE, STE. 1700  
IRVINE, CA 92612-1046  
shess@edisonmission.com

Sudheer Gokhale  
CALIF PUBLIC UTILITIES COMMISSION  
505 VAN NESS AVENUE  
ROOM 4209  
SAN FRANCISCO, CA 94102-3214  
skg@cpuc.ca.gov

STEPHEN J. SCIORTINO  
CITY OF ANAHEIM  
201 SOUTH ANAHEIM BLVD., SUITE 802  
ANAHEIM, CA 92805  
ssciortino@anaheim.net

STEVEN S. SCHLEIMER  
BARCLAYS BANK, PLC  
200 PARK AVENUE, FIFTH FLOOR  
NEW YORK, NY 10166  
steven.schleimer@barclayscapital.com

SOUMYA SASTRY  
PACIFIC GAS AND ELECTRIC COMPANY  
PO BOX 770000  
SAN FRANCISCO, CA 94177  
svs6@pge.com

ROBERT STODDARD  
CRA INTERNATIONAL  
200 CLARENDON ST., T-32  
BOSTON, MA 2116  
RStoddard@crai.com

RYAN FLYNN  
PACIFICORP  
825 NE MULTNOMAH, SUITE 1800  
PORTLAND, OR 97232  
ryan.flynn@pacificorp.com

Aram Shumavon  
CALIF PUBLIC UTILITIES COMMISSION  
505 VAN NESS AVENUE  
AREA 4-A  
SAN FRANCISCO, CA 94102-3214  
sap@cpuc.ca.gov

SCOTT TOMASHEFSKY  
NORTHERN CALIFORNIA POWER AGENCY  
651 COMMERCE DRIVE  
ROSEVILLE, CA 95678-6420  
scott.tomashefsky@ncpa.com

Simon Baker  
CALIF PUBLIC UTILITIES COMMISSION  
505 VAN NESS AVENUE  
AREA 4-A  
SAN FRANCISCO, CA 94102-3214  
seb@cpuc.ca.gov

STEVE ISSER  
GOOD COMPANY ASSOCIATES  
816 CONGRESS AVE., SUITE 1400  
AUSTIN, TX 78701  
sisser@goodcompanyassociates.com

SEEMA SRINIVASAN  
ALCANTAR & KAHL, LLP  
120 MONTGOMERY STREET, SUITE 2200  
SAN FRANCISCO, CA 94104  
sls@a-klaw.com

STEVE KOERNER  
EL PASO CORPORATION  
2 NORTH NEVADA AVENUE  
COLORADO SPRINGS, CO 80903  
steve.koerner@elpaso.com

STEVEN KELLY  
INDEPENDENT ENERGY PRODUCERS  
1215 K STREET, SUITE 900  
SACRAMENTO, CA 95814  
steven@iepa.com

Traci Bone  
CALIF PUBLIC UTILITIES COMMISSION  
505 VAN NESS AVENUE  
ROOM 5206  
SAN FRANCISCO, CA 94102-3214  
tbo@cpuc.ca.gov

TOM BILL  
SEMPRA ENERGY CORPORATE CENTER  
101 ASH STREET-HQ13A  
SAN DIEGO, CA 92101-3017  
tbrill@sempra.com

THOMAS CORR  
SEMPRA GLOBAL  
101 ASH STREET, HQ 08 C  
SAN DIEGO, CA 92101-3017  
tcorr@sempraglobal.com

THERESA L. MUELLER  
CITY ATTORNEY'S OFFICE  
CITY HALL, ROOM 234  
SAN FRANCISCO, CA 94102  
theresa.mueller@sfgov.org

TONY ZIMMER  
NORTHERN CALIFORNIA POWER AGENCY  
180 CIRBY WAY  
ROSEVILLE, CA 95678-6420  
Tony.Zimmer@ncpa.com

Melissa Semcer  
CALIF PUBLIC UTILITIES COMMISSION  
505 VAN NESS AVENUE  
AREA 4-A  
SAN FRANCISCO, CA 94102-3214  
unc@cpuc.ca.gov

WAYNE AMER  
MOUNTAIN UTILITIES  
PO BOX 205  
KIRKWOOD, CA 95646  
wamer@kirkwood.com

WILLIAM W. WESTERFIELD III  
SACRAMENTO MUNICIPAL UTILITY DISTRICT  
6201 S STREET  
SACRAMENTO, CA 95817  
wwester@smud.org

MIKE KASABA  
QUIET ENERGY  
3311 VAN ALLEN PLACE  
TOPANGA, CA 90290

TOM BRILL  
SEMPRA ENERGY CORPORATE CENTER  
101 ASH STREET, HQ13A  
SAN DIEGO, CA 92101-3017  
tbrill@sempra.com

THOMAS DARTON  
PILOT POWER GROUP, INC.  
8910 UNIVERSITY CENTER LANE, STE 520  
SAN DIEGO, CA 92122  
tdarton@pilotpowergroup.com

TIM DRENNAN  
FPL ENERGY POWER MARKETING INC.  
700 UNIVERSE BLVD.  
JUNO BEACH, FL 33408  
tim.drennan@fpl.com

TRACEY DRABANT  
BEAR VALLEY ELECTRIC SERVICE  
PO BOX 1547  
BIG BEAR LAKE, CA 92315-1547  
traceydrabant@bves.com

VALERIE WINN  
PACIFIC GAS & ELECTRIC  
77 BEALE STREET, B9A  
SAN FRANCISCO, CA 94105  
vjw3@pge.com

WILLIAM H. BOOTH  
LAW OFFICES OF WILLIAM H. BOOTH  
67 CARR DRIVE  
MORAGA, CA 94596  
wbooth@booth-law.com

JUSTIN C. WYNNE  
BRAUN BLAISING MCLAUGHLIN, P.C.  
915 L STREET, SUITE 1270  
SACRAMENTO, CA 95814  
wynne@braunlegal.com

DAVID J. COYLE  
ANZA ELECTRIC CO-OPERATIVE, INC (909)  
PO BOX 391908  
ANZA, CA 92539-1909

TRENT CARLSON  
RELIANT ENERGY, INC.  
1000 MAIN STREET  
HOUSTON, TX 77002  
tcarlson@reliant.com

TREVOR DILLARD  
SIERRA PACIFIC POWER COMPANY  
6100 NEIL ROAD, MS S4A50  
RENO, NV 89520-0024  
tdillard@sppc.com

THOMAS S KIMBALL  
MODESTO IRRIGATION DISTRICT  
1231 11TH STREET  
MODESTO, CA 95352-4060  
tomk@mid.org

THEODORE ROBERTS  
SEMPRA GLOBAL  
101 ASH STREET, HQ 12B  
SAN DIEGO, CA 92101-3017  
troberts@sempra.com

VIDHYA PRABHAKARAN  
GOODIN,MACBRIDE,SQUERI,DAY,LAMPREY  
505 SANSOME STREET, SUITE 900  
SAN FRANCISCO, CA 94111  
vprabhakaran@goodinmacbride.com

WAYNE TOMLINSON  
RUBY PIPELINE, LLC  
2 NORTH NEVADA AVENUE, 14TH FLR  
COLORADO SPRINGS, CO 80903  
william.tomlinson@elpaso.com

RANDALL PRESCOTT  
BP ENERGY COMPANY  
69 WINN STREET, FIRST FLOOR  
BURLINGTON, MA 1803