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

Order Instituting Rulemaking to Implement the	)	
Commission's Procurement Incentive	)	
Framework and to Examine the Integration of	)	R.06-04-009
Greenhouse Gas Emission Standards into	)	(Filed April 13, 2006)
Procurement Policies.	)	
	)	

## REPLY COMMENTS OF CALPINE CORPORATION ON EMISSION ALLOWANCE ALLOCATION POLICIES AND OTHER ISSUES

Avis Kowalewski

Vice President of Western Government and

Regulatory Affairs

CALPINE CORPORATION

3875 Hopyard Road, Suite 345

Pleasanton, CA 94588

Tel. (925) 479-6640 Fax. (925) 479-7303

Email: kowalewskia@calpine.com

Kassandra Gough

Director, Government and Legislative Affairs

CALPINE CORPORATION

1127 11th Street, Suite 242

Sacramento, CA 95814

Tel. (916) 443-2500

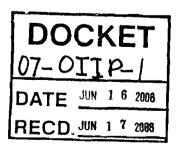
Fax. (916) 443-2501 Email: kgough@calpine.com

Dated: June 16, 2008

Jeffrey P. Gray
J. Joshua Davidson
DAVIS WRIGHT TREMAINE LLP
505 Montgomery Street, Suite 800
San Francisco, CA 94111

Tel. (415) 276-6500 Fax. (415) 276-6599 Email: jeffgray@dwt.com

Attorneys for Calpine Corporation



# BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Order Instituting Rulemaking to Implement the	)	
Commission's Procurement Incentive	)	
Framework and to Examine the Integration of	)	R.06-04-009
Greenhouse Gas Emission Standards into	)	(Filed April 13, 2006)
Procurement Policies.	)	
	_ )	

# REPLY COMMENTS OF CALPINE CORPORATION ON EMISSION ALLOWANCE ALLOCATION POLICIES AND OTHER ISSUES

Pursuant to the May 13, 2008 ruling of Administrative Law Judges TerKeurst and Lakritz, as revised by ruling issued May 20, 2008, Calpine Corporation ("Calpine") submits these reply comments on the allocation of greenhouse gas ("GHG") emissions allowances in the electricity sector, flexible compliance rules and non-market emissions reduction measures.

#### I. INTRODUCTION

As it has stated throughout this proceeding, Calpine strongly supports the GHG emissions reduction goals set forth in Assembly Bill 32 ("AB 32") and appreciates the significant efforts of the California Public Utilities Commission ("CPUC"), California Energy Commission ("CEC")<sup>1</sup>, and the Air Resources Board ("ARB") to design and implement a fair, workable, market-based approach to achieving these goals. The implications of the Commissions' recommendations in this proceeding and ARB's ultimate adoption of a GHG emissions reduction program will not only be felt by Californians but likely set a national precedent. Thus, it is critical that the Commissions look to a market-based approach that will result in emissions reductions over the near-term and provide a structure for encouraging the investment and technical innovation that will be necessary to maintain and further increase emissions reductions over the long-term.

<sup>&</sup>lt;sup>1</sup> The CPUC and CEC are collectively referred to as the "Commissions."

As discussed in its Opening Comments, Calpine supports a market-based approach to achieving GHG reductions goals. In particular, Calpine recommends the adoption of a multi-sector cap-and-trade program, with emissions allowances allocated using a regularly updated, non-fuel specific output-based approach. While a broad cross-section of parties in this proceeding agree that a market-based mechanism is the best option to achieve California's GHG reductions goals, there is disagreement as to the most appropriate approach for allocating emissions allowances. Specifically, some parties advocate allocating emissions based on historical emissions or auctioning all allowances at the outset of the cap-and-trade program. In addition, several parties support a broad range of flexible compliance mechanisms that these parties claim are necessary for cost containment purposes.

These allowance allocation approaches and flexible compliance mechanisms should not be adopted by the Commissions. They are shortsighted and run the risk of both increasing costs and minimizing actual emissions reductions. In short, these positions compromise the likelihood of achieving the emissions reduction goals set out in AB 32, as well as California's traditional leadership role on important environmental issues.

# II. MARKET-BASED CAP-AND-TRADE PROGRAM IS THE MOST EFFICIENT AND COST-EFFECTIVE MEANS OF ACHIEVING EMISSIONS REDUCTIONS

Several parties, including the Northern California Power Authority ("NCPA"), the Los Angeles Department of Water and Power, and the Modesto Irrigation District, support the use of non-market, programmatic (*i.e.*, "command and control"), means for achieving emissions reductions mandated by AB 32. For example, NCPA states that information gathered by various "regulatory bodies" suggest that "any cap-and-trade program will *not* account for the majority of the emissions reductions" in the electricity sector. Relying solely, or even predominantly, on

-

<sup>&</sup>lt;sup>2</sup> NCPA Comments at 8-9 (emphasis in original).

non-market mechanisms to achieve required emissions reductions – even in the near-term - is a short-sighted policy that will likely increase costs and discourage innovation and the development of new technologies.

In contrast to a programmatic approach, the incremental benefits of a market-based approach for achieving emissions reductions are significant. For instance, as Calpine has noted in prior comments filed in this proceeding, experience with the Acid Rain program in the United States demonstrates that emission reductions can be realized more quickly and at much lower costs under a cap-and-trade system than traditional regulatory approaches.<sup>3</sup> This is the case because, unlike programmatic approaches, allowance trading inherently encourages *over-compliance* by entities subject to the cap. Over-compliance is encouraged because entities can trade (*i.e.*, sell) unused/unneeded allowances – thus, providing a financial incentive for maximizing emissions reductions. The net effect is that greater levels of emissions reductions will be realized sooner than under a programmatic approach. Furthermore, and perhaps most importantly, the ability to trade allowances rewards innovation which, in turn, encourages increased investment in new emission reduction technologies. There is no doubt that new technologies and fuels will be critical to meeting emission reduction goals over the long-term - 2020 and beyond.

In addition, market-based cap-and-trade programs represent the overwhelming regional, national, and international trend for reducing GHG emissions. Indeed, functional cap-and-trade markets have already been developed in the European Union and are being considered throughout the United States at both the state and federal level. Several proposals for the creation of a national cap-and-trade market are being considered before the United States Senate and House of Representatives, and policymakers are closely monitoring on California's actions.

-

<sup>&</sup>lt;sup>3</sup> Calpine Comments on Type and Point of Regulation Issues at 3 (Dec. 3, 2007).

AB 32 clearly anticipates California taking a leadership role and serving as a model for future regional and/or federal emissions reduction efforts:

The program established by this division will continue this tradition of environmental leadership by placing California at the forefront of national and international efforts to reduce emissions of greenhouse gases ...[A]ction taken by California to reduce emissions of greenhouse gases will have far-reaching effects by encouraging other states, the federal government, and other countries to act.<sup>4</sup>

In light of the broader regional and national movement towards market-based solutions for achieving GHG emissions reductions, abandoning a market-based cap-and-trade program in favor of a purely command-and-control approach is simply inconsistent with California's traditional leadership role on environmental issues and would likely marginalize California on an issue of critical national and world wide importance.

# III. A SECONDARY MARKET FOR TRADING EMISSIONS ALLOWANCE IS CRITICAL TO THE SUCCESS OF A MARKET-BASED CAP-AND-TRADE PROGRAM

The Utility Reform Network ("TURN") asserts that any adopted cap-and-trade program should not include a secondary market for trading emissions allowances. TURN reasons that such a restriction will protect low-income communities<sup>5</sup> and mitigate the potential for market manipulation.<sup>6</sup> TURN is wrong.

As discussed above, the ability to trade emissions allowances encourages overcompliance by entities subject to the cap resulting in greater levels of emissions reductions being realized sooner than under non-trading approaches. Moreover, the ability to trade allowances will better ensure a liquid market for allowances which will serve to stabilize prices. As Morgan Stanley correctly notes, "[1]arge liquid markets with many diverse participants prevent or more

<sup>&</sup>lt;sup>4</sup> Chapter 488, §§ 38501(c)-(d) at 2, Statutes of 2006.

<sup>&</sup>lt;sup>5</sup> TURN Comments at 6

<sup>&</sup>lt;sup>6</sup> TURN Comments at 7

correctly correct price excursions caused by activities or 'schemes' designed to defeat or subvert the underlying market." Thus, in contrast to TURN, steps should be taken to ensure a robust market for trading emission allowances.

#### IV. ALLOWANCE ALLOCATION ISSUES

A. A regularly updated, non-fuel specific output-based allocation approach is the most efficient and cost-effective means for achieving the emissions reduction goals mandated in AB 32

As discussed in its opening comments, Calpine supports a regularly updated, non-fuel specific output-based allocation approach for allocating GHG emissions allowances. Among its benefits, such an approach (1) recognizes early actors who have already invested in low or zero emissions technologies and practices since the quantity of allowances an entity receives is predicated on the entity's output, rather than historical emissions; (2) provides important incentives for new investment low or zero emissions technologies; (3) discourages the continued use of dirty, inefficient generators or contracts with such generators; (4) provides potential market entrants with equal access to allowances through the use of a new entrant set aside; and (5) provides the opportunity to include non-fossil fuel generators in the allocation process, thereby further promoting non-emitting technologies. Neither an emission-based (*i.e.*, "grandfathering") approach nor an auction approach offer this same range of benefits or would result in the same level of emissions reductions as cost-effectively as the output-based approach recommended by Calpine.

B. A "grandfathering" approach rewards carbon-intensive generation and should be rejected.

Several parties, including Southern California Edison ("SCE"), Dynegy and the Division of Ratepayer Advocates ("DRA"), support adopting some form of a historic emissions-based or

5

<sup>&</sup>lt;sup>7</sup> Morgan Stanley Comments at 5.

"grandfathering" allowance allocation methodology. Calpine strongly opposes the adoption of such an approach to allocating emissions allowances.

In contrast to a regularly updated, non-fuel specific output-based allocation approach, a "grandfathering" approach would penalize carbon-efficient generation. Specifically, allocating allowances based on grandfathered emission levels rewards high-emitting generators by reducing their compliance costs relative to lower emitting resources. This, in turn, could prolong the life of these higher-emitting resources. Prolonging the life of inefficient, dirty generating resources is clearly contrary to the goals of AB 32. Moreover, grandfathering provides a *disincentive* for entities to shift to low-GHG technologies since to do so would result in loss of allowances – again, something that is contrary to the purpose of AB 32.

A grandfathering approach would also hinder the development of new low-emission generation because generation new to the market would not, by definition, have historic emissions. As a result, new entrants would not be eligible for an administrative allocation of allowances under a grandfathering approach. The costs of purchasing allowances would both disadvantage new more carbon-efficient entrants, relative to existing resources, and increase the cost of generation in general. It is critical to the long-term success of California's emissions reduction efforts - both in terms of actual emissions reductions and the overall costs to achieve such reductions - that the development of low or zero emissions technologies be encouraged.

# C. Allocating the value of emissions allowances directly to load serving entities distorts market signals and poses market power concerns.

Pacific Gas and Electric Company ("PG&E") proposes that the "value" of emissions allowances be allocated exclusively to load serving entities ("LSEs"). Specifically, PG&E

asserts that allocating allowances to LSEs will best ensure that consumers benefit from the value of the allowances. PG&E's proposal will not ensure lower costs over the long-term.

As Calpine discussed in its opening comments, allocating the value of allowances directly to LSEs would likely shield consumers from bearing any of the costs associated with GHG emissions reductions. While Calpine agrees that it may be appropriate to adopt measures that will mitigate rate impacts for low-income consumers at the outset of *any* emissions reduction program (whether market-based or not), shielding consumers from *all* emissions reduction costs means that consumers will not be getting accurate price signals that might otherwise incentivize them to implement energy efficiency measures or take other actions to reduce the consumption of electricity.

In addition, allocating allowances directly to LSEs raises competitive concerns because it would concentrate a disproportionate share of allowances in the hands of a relatively small portion of market participants – reducing liquidity in the emissions allowance market. Because some LSEs – in particular, the IOUs – own generation assets, LSE-owned assets would likely have preferential access to allowances to the detriment of Independent Power Producers and power marketers that compete on a head-to-head basis with LSE-owned resources in the wholesale energy market. Thus, allocating allowances only to LSEs harms competition.

# D. In the event an auction approach is adopted, a gradual phase-in is necessary to prevent market volatility and maintain reliability.

Calpine opposes the use of distributing 100% of allowances through an auction process, especially in the initial stages of a GHG emissions reduction program.<sup>10</sup> It should be expected that during the early years of California's emissions reduction program, entities regulated under

<sup>&</sup>lt;sup>8</sup> PG&E Comments at 19.

<sup>&</sup>lt;sup>9</sup> Calpine Opening Comments at 12.

<sup>&</sup>lt;sup>10</sup> Calpine Opening Comments at 10.

AB 32 will face considerable compliance costs. However, as DRA notes, none of the existing cap-and-trade programs (either in the United States or abroad) have started with a 100% auction approach at the outset of the program. Thus, there is substantial uncertainty with respect to the impact of such a 100% auction approach on compliance costs. Calpine agrees with DRA that, "[i]n the absence of certainty on allowance prices under an auction market, it would be very difficult for covered entities to plan their cash flow requirements." 12

In contrast, a gradual or "phased-in" auction approach would allow entities subject to the GHG cap to better plan for the auction process both financially and administratively.

Furthermore, given the likely (although unknown) level of these costs, administratively allocating allowances at no cost on an updating, non-fuel specific output basis (as Calpine proposes) will encourage generation efficiency and provide incentives for investment in low-GHG technologies and fuel. As Calpine has previously stated, such an approach can offset or mitigate compliance costs in the near-term and serve to reduce overall costs to consumers over the long-term.

In short, a gradual move toward an auction process as the primary mode of allowance distribution in later years of the program will allow for a more orderly transition to a cap-and-trade system which should minimize price and supply disruptions; and, as a result, better ensure that the emissions reductions mandated by AB 32 are most cost effectively achieved.

# V. THE USE OF FLEXIBLE COMPLIANCE MECHANISMS SHOULD BE LIMITED

The number and range of flexible compliance mechanisms proposed by parties has been remarkable. While many parties believe that flexible compliance mechanisms can offer unique benefits, market integrity and administrative simplicity require the Commissions to limit the

<sup>&</sup>lt;sup>11</sup> DRA Comments at 5, footnote 6.

<sup>&</sup>lt;sup>12</sup> DRA Comments at 7.

number of permissible flexible compliance mechanisms to only those that will provide the most desirable balance between retaining market integrity and protecting against market failure.

Calpine agrees with many parties that flexible compliance mechanisms can, if properly employed, help mitigate short-term price volatility and other potential market fluctuations that could hinder emissions reduction efforts. However, excessive use of flexible compliance mechanisms can erode the integrity of the emissions cap by, at times, "hiding" actual carbon costs. Moreover, the liberal use of flexible compliance mechanisms will diminish incentives to curb carbon-intensive activities or invest in low- or zero GHG emitting technologies, serving only to stall and exacerbate future costs. Accordingly, Calpine urges the *limited* use of flexible compliance mechanisms to mitigate price volatility while still ensuring that GHG reduction goals are met.

To best achieve the appropriate balance between retaining market integrity and protecting against market failure, the following mechanisms should be considered as a bundled "package:"

#### A. Banking:

Banking allows an entity to "store" extra allowances and use them during a future compliance period. This mechanism encourages early action to reduce emissions reductions and controls price volatility.

#### **B.** Rolling Compliance Period:

Calpine supports the recommendation of the Western Power Trading Forum ("WPTF") for a rolling compliance period in which capped entities are required to surrender allowances each year to cover emissions from the previous year. In exchange, capped entities would be allowed access to a limited quantity of allowances from the next year (plus any allowances banked from previous years).<sup>13</sup>

-

<sup>&</sup>lt;sup>13</sup> WPTF Comments at 16-17.

#### C. Limited Use of Offsets:

Offsets should be secondary to the primary goal of reducing emissions at the source. As discussed in the comments submitted by the Natural Resources Defense Council ("NRDC"), offsets allow GHG emissions to rise within capped sectors while overall emissions levels between capped and uncapped sectors remains unchanged. As a result, offsets offer limited environmental benefits while presenting several substantial risks.<sup>14</sup> At a minimum, offsets must be measurable, real, additive, and have clear ownership standards to allow regulators to verify details of offset-eligible projects. Such conditions will better ensure market integrity is maintained and will help prevent market manipulation.

In contrast, The Climate Trust argues that a robust and rigorous GHG offset program allows regulated entities to meet their emission reduction targets at a lower cost in the near term without necessitating the premature retirement of high cost infrastructure. While such an argument offers superficial appeal, offsets may offer little or no actual reductions in GHG emissions because they are, in effect, a mechanism that excuses actual emissions reductions at the emitting source. Indeed, given liberal use of offsets, it is entirely possible to falsely achieve the goals of AB 32 without reducing GHG emissions at all.

#### D. Executive Powers under AB 32

Health & Safety Code § 38599(a) provides that:

[i]n the event of extraordinary circumstances, catastrophic events, or threat of significant economic harm, the Governor may adjust the applicable deadlines for individual regulations, or for the state in the aggregate, to the earliest feasible date after that deadline.

The authority of the Governor to take protective action in the face of extraordinary circumstances serves as a critical backstop that would allow additional measures to be

<sup>&</sup>lt;sup>14</sup> NRDC Comments at 25

<sup>&</sup>lt;sup>15</sup> Climate Trust at 3.

implemented *if necessary* to protect against drastic market fluctuations in the emissions allocation market. In light of this safety valve, there is simply no need to adopt an overly broad range of flexible compliance mechanisms, particularly given the possibility that the excessive use of flexible compliance mechanisms can erode the integrity of the emissions cap.

Respectfully submitted,

Avis Kowalewski Vice President, Western Regulatory Affairs

Calpine Corporation

3875 Hopyard Road, Suite 345

Pleasanton, CA 94588 Tel. (925) 479-6640 Fax. (925) 479-7303

Email: kowalewskia@calpine.com

Kassandra Gough
Director, Government and Legislative Affairs
Calpine Corporation
1127 11th Street, Suite 242
Sacramento, CA 95814
Tel. (016) 443 2500

Tel. (916) 443-2500 Fax. (916) 443-2501

Email: kgough@calpine.com

Dated: June 16, 2008

/s/ Jeffrey P. Gray

Jeffrey P. Gray J. Joshua Davidson DAVIS WRIGHT TREMAINE LLP, 505 Montgomery Street, Suite 800 San Francisco, California 94111

Tel. (415) 276-6500 Fax. (415) 276-6599 Email: jeffgray@dwt.com

Attorneys for Calpine Corporation

#### **CERTIFICATE OF SERVICE**

I, Judy Pau, certify:

I am employed in the City and County of San Francisco, California, am over eighteen years of age and am not a party to the within entitled cause. My business address is 505 Montgomery Street, Suite 800, San Francisco, California 94111.

On June 16, 2008, I caused the following to be served:

# REPLY COMMENTS OF CALPINE CORPORATION ON ALLOWANCE ALLOCATION ISSUES

via electronic mail to all parties on the service list R.06-04-009 who have provided the Commission with an electronic mail address and by First class mail on the parties listed as "Parties" and "State Service" on the attached service list who have not provided an electronic mail address.

	/s/ Judy Pau	
_		
	Judy Pau	

cc: Commissioner Michael R. Peevey (via U.S. Mail and Email)
ALJ Charlotte TerKeurst (via U.S. Mail and Email)
ALJ Jonathan Lakritz (via U.S. Mail and Email)
ALJ Meg Gottstein (via U.S. Mail and Email)
California Energy Commission Docket Office
Karen Griffin, California Energy Commission



**CPUC Home** 

#### CALIFORNIA PUBLIC UTILITIES COMMISSION **Service Lists**

PROCEEDING: R0604009 - CPUC - PG&E, SDG&E, FILER: CPUC - PG&E, SDG&E, SOCALGAS, EDISON

**LIST NAME: LIST** 

**LAST CHANGED: JUNE 13, 2008** 

#### **Parties**

DAN HECHT SEMPRA ENERGY 58 COMMERCE ROAD STANFORD, CT 06902

CINDY ADAMS COVANTA ENERGY CORPORATION 40 LANE ROAD FAIRFIELD, NJ 07004 FOR: COVANTA ENERGY CORPORATION

.....

STEVEN S. SCHLEIMER DIRECTOR, COMPLIANCE & REGULATORY AFFAIRS MORGAN STANLEY CAPITAL GROUP INC. BARCLAYS BANK, PLC 200 PARK AVENUE, FIFTH FLOOR

NEW YORK, NY 10166 FOR: BARCLAYS CAPITAL

STEVEN HUHMAN 2000 WESTCHESTER AVENUE PURCHASE, NY 10577

RICK C. NOGER PRAXAIR PLAINFIELD, INC. 2711 CENTERVILLE ROAD, SUITE 400 WILMINGTON, DE 19808 FOR: PRAXAIR PLAINFIELD, INC.

KEITH R. MCCREA ATTORNEY AT LAW SUTHERLAND, ASBILL & BRENNAN, LLP 1275 PENNSYLVANIA AVE., N.W. WASHINGTON, DC 20004-2415 FOR: CALIFORNIA MANUFACTURERS & TECHNOLOGY ASSN.

KYLE D. BOUDREAUX FPL GROUP 700 UNIVERSE BLVD., JES/JB JUNO BEACH, FL 33408 FOR: FPL ENERGY PROJECT MANAGEMENT

CATHY S. WOOLLUMS MIDAMERICAN ENERGY HOLDINGS COMPANY 106 EAST SECOND STREET DAVENPORT, IA 52801 FOR: KERN RIVER GAS TRANSMISSION

CYNTHIA A. FONNER SENIOR COUNSEL CONSTELLATION ENERGY GROUP INC

THOMAS DILL PRESIDENT LODI GAS STORAGE, L.L.C. 500 WEST WASHINGTON ST, STE 300 1021 MAIN ST STE 1500 CHICAGO, IL 60661

FOR: CONSTELLATION ENERGY GROUP INC

HOUSTON, TX 77002-6509

E.J. WRIGHT

TIMOTHY R. ODIL OCCIDENTAL POWER SERVICES, INC. MCKENNA LONG & ALDRIDGE LLP 5 GREENWAY PLAZA, SUITE 110 1875 LAWRENCE STREET, SUITE 200 HOUSTON, TX 77046 DENVER, CO 80202 FOR: CENTER FOR ENERGY AND ECONOMIC DEVELOPMENT

STEPHEN G. KOERNER, ESQ. EL PASO CORPORATION WESTERN PIPELINES 2 NORTH NEVADA AVENUE COLORADO SPRINGS, CO 80903 FOR: EL PASO NATURAL GAS COMPANY/MOJAVE PIPELINE COMPANY

JENINE SCHENK APS ENERGY SERVICES 400 E. VAN BUREN STREET, SUITE 750 PHOENIX, AZ 85004 FOR: APS ENERGY SERVICES COMPANY

JOHN B. WELDON, JR. SALMON, LEWIS & WELDON, P.L.C. CONTRACTS 2850 EAST CAMELBACK ROAD, SUITE 200 SALT RIVER PROJECT PHOENIX, AZ 85016 FOR: SALT RIVER PROJECT AGRICULTURAL PHOENIX, AZ 85072-2025 IMPROVEMENT AND POWER DISTRICT FOR: SALT RIVER PROJECT AGRICULTURAL

KELLY BARR MANAGER, REGULATORY AFFAIRS &

PO BOX 52025, PAB 221

IMPROVEMENT AND POWER DISTRICT

ROBERT R. TAYLOR AGRICULTURAL IMPROVEMENT AND POWER DIST. WESTERN RESOURCE ADVOCATES 1600 NORTH PRIEST DRIVE, PAB221 TEMPE, AZ 85281

STEVEN S. MICHEL 2025 SENDA DE ANDRES SANTA FE, NM 87501 FOR: WESTERN RESOURCE ADVOCATES

PO BOX 98510 LAS VEGAS, NV 89193-8510

ROGER C. MONTGOMERY

VICE PRESIDENT, PRICING

SOUTHWEST GAS CORPORATION

PO BOX 98510

JOSEPH GRECO

TERRA-GEN POWER LLC

9590 PROTOTYPE COURT, SUITE 200 RENO, NV 89521 FOR: TERRA-GEN POWER LLC

LORRAINE PASKETT DIRECTOR, LEGISLATIVE AND REG. AFFAIRS LOS ANGELES DEPARTMENT OF WATER & POWER LA DEPT. OF WATER & POWER 111 N. HOWARD ST., ROOM 1536 LOS ANGELES, CA 90012

111 NORTH HOPE STREET, ROOM 1550 LOS ANGELES, CA 90012 FOR: LOS ANGELES DEPARTMENT OF

WATER

FOR: LOS ANGELES DEPT OF WATER AND POWER AND POWER

RONALD F. DEATON

SID NEWSOM TARIFF MANAGER SOUTHERN CALIFORNIA GAS COMPANY 555 WEST 5TH STREET GT 14 D6 LOS ANGELES, CA 90051

CANADA

CURTIS L. KEBLER J. ARON & COMPANY SUITE 2600 GRAHAM 2121 AVENUE OF THE STARS LOS ANGELES, CA 90067 FOR: J. ARON

NORMAN A. PEDERSEN ATTORNEY AT LAW 2100 SEPULVEDA BLVD. STE 37
444 SOUTH FLOWER STREET, NO. 1500

LOS ANGELES, CA 90071

FOR: SOUTHERN CALIFORNIA GENERATION

COALTTION/SOUTHERN CALIFORNIA GENERATION COALITION/SOUTHERN CALIFORNIA PUBLIC POWER AUTHORITY

VITALY LEE AES ALAMITOS, LLC 690 N. STUDEBAKER ROAD LONG BEACH, CA 90803 FOR: AES SOUTHLAND LLC

LLC

GREGORY KLATT ATTORNEY AT LAW AUTHORI DOUGLASS & LIDDELL 411 E. HUNTINGTON DRIVE, STE. 107-356 PASADENA, CA 91101 ARCADIA, CA 91006 POWER

DANIEL W. DOUGLASS ATTORNEY AT LAW 21700 OXNARD STREET, SUITE 1030 ALTA LOMA, CA 91737 WOODLAND HILLS, CA 91367 FOR: WESTERN POWER TRADING FORUM

BARRY R. WALLERSTEIN

DAVID L. HUARD ATTORNEY AT LAW MANATT, PHELPS & PHILLIPS, LLP 11355 WEST OLYMPIC BOULEVARD LOS ANGELES, CA 90064 FOR: LOS ANGELES COUNTY/TRANS

PIPELINES

DENNIS M.P. EHLING ATTORNEY AT LAW KIRKPATRICK & LOCKHART NICHOLSON

10100 SANTA MONICA BLVD., 7TH FLOOR LOS ANGELES, CA 90067 FOR: CITY OF VERNON

> MICHAEL MAZUR 3 PHASES RENEWABLES, LLC 2100 SEPULVEDA BLVD. STE 37 FOR: 3 PHASES ENERGY SERVICES

TIFFANY RAU POLICY AND COMMUNICATIONS MANAGER CARSON HYDROGEN POWER PROJECT LLC ONE WORLD TRADE CENTER, SUITE 1600 LONG BEACH, CA 90831-1600 FOR: CARSON HYDROGEN POWER PROJECT

RICHARD HELGESON SOUTHERN CALIFORNIA PUBLIC POWER

225 S. LAKE AVE., SUITE 1250 FOR: SOUTHERN CALIFORNIA PUBLIC

FOR: ALLIANCE FOR RETAIL ENERGY MARKETS AUTHORITY

PAUL DELANEY AMERICAN UTILITY NETWORK (A.U.N.) 10705 DEER CANYON DRIVE FOR: AMERICAN UTILITY NETWORK

AKBAR JAZAYEIRI

EXECUTIVE OFFICER SOUTH COAST AQMD 21865 COPLEY DRIVE DIAMOND BAR, CA 91765-4182 ROSEMEAD, CA 91770 FOR: SOUTH COAST AIR QUALITY MANAGEMENT FOR: SOUTHERN CALIFORNIA EDISON COMPANY DISTRICT

DIR. REVENUE & TARIFFS, RM 390 SOUTHERN CALIFORNIA EDISON COMPANY PO BOX 800, 2241WALNUT GROVE AVE

CATHY A. KARLSTAD SOUTHERN CALIFORNIA EDISON COMPANY 2244 WALNUT GROVE AVE. AVENUE

ROSEMEAD, CA 91770

FOR: SOUTHERN CALIFORNIA EDISON COMPANY FOR: SOUTHERN CALIFORNIA EDISON

RONALD MOORE GOLDEN STATE WATER/BEAR VALLEY ELECTRIC PACIFIC ENERGY POLICY CENTER 630 EAST FOOTHILL BOULEVARD SAN DIMAS, CA 91773 FOR: GOLDEN STATE WATER/BEAR VALLEY ELECTRIC

ALLEN K. TRIAL SAN DIEGO GAS & ELECTRIC COMPANY 101 ASH STREET, HQ-12 SAN DIEGO, CA 92101

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

THEODORE ROBERTS SENIOR COUNSEL SEMPRA GLOBAL 101 ASH STREET, HQ 12B SAN DIEGO, CA 92101-3017 FOR: SEMPRA GLOBAL

MARCIE MILNER 520 SAN DIEGO, CA 92121

LAURA I. GENAO SOUTHERN CALIFORNIA EDISON PO BOX 800, 2244 WALNUT GROVE

ROSEMEAD, CA 91770

DON WOOD 4539 LEE AVENUE LA MESA, CA 91941

ALVIN PAK SEMPRA GLOBAL ENTERPRISES 101 ASH STREET SAN DIEGO, CA 92101 FOR: SEMPRA GLOBAL ENTERPRISES

SYMONE CHANSOUK SEMPRA ENERGY SOLUTIONS 401 WEST BROADWAY, STE 500 SAN DIEGO, CA 92101-3017 FOR: SEMPRA ENERGY SOLUTIONS

DONALD C. LIDDELL DOUGLASS & LIDDELL 2928 2ND AVENUE SAN DIEGO, CA 92103 FOR: CALIFORNIA NATURAL GAS VEHICLE ASSOCIATION/ CLEAN ENERGY FUELS CORPORATION

REID A. WINTHROP DIRECTOR - REGULATORY AFFAIRS CORPORATE COUNSEL
SHELL TRADING GAS & POWER COMPANY PILOT POWER GROUP, INC.
4445 EASTGATE MALL, SUITE 100 8910 UNIVERSITY CENTER LANE, SUITE

SAN DIEGO, CA 92122

STEVE RAHON

THOMAS DARTON

PILOT POWER GROUP, INC. DIRECTOR, TARIFF & REGULATORY ACCOUNTS 8910 UNIVERSITY CENTER LANE, STE 520 SAN DIEGO GAS & ELECTRIC COMPANY FOR: PILOT POWER GROUP

COMPANY

GLORIA BRITTON ANZA ELECTRIC COOPERATIVE, INC. 58470 HWY 371 PO BOX 391909 ANZA, CA 92539 FOR: ANZA ELECTRIC COOPERATIVE INC.

TAMLYN M. HUNT ATTURNEY AT LAW
COMMUNITY ENVIRONMENTAL COUNCIL
ADAMS BRADWELL JOSEPH & CARDOZO
26 W. ANAPAMU ST., 2ND FLOOR
SANTA BARBARA, CA 93101
FOR: COMMUNITY ENVIRONMENTAL COUNCIL
SOUTH SAN FRANCISCO CA CACCO ENERGY PROGRAM DIRECTOR FOR: COMMUNITY ENVIRONMENTAL COUNCIL FOR: COALITION OF CALIFORNIA UTILITY

JEANNE M. SOLE DEPUTY CITY ATTORNEY CITY AND COUNTY OF SAN FRANCISCO SOUTHERN CALIFORNIA EDISON COMPANY 1 DR. CARLTON B. GOODLETT PLACE, RM. 234 601 VAN NESS AVENUE, STE. 2040 SAN FRANCISCO, CA 94102 FOR: CITY AND COUNTY OF SAN FRANCISCO

LAD LORENZ V.P. REGULATORY AFFAIRS SEMPRA UTILITIES 601 VAN NESS AVENUE, SUITE 2060 SAN FRANCISCO, CA 94102 SAN FRANCISCO, CA 94102

NINA SUETAKE ATTORNEY AT LAW THE UTILITY REFORM NETWORK
711 VAN NESS AVE., STE. 350 SAN FRANCISCO, CA 94102

F. JACKSON STODDARD CALIF PUBLIC UTILITIES COMMISSION EXECUTIVE DIVISION ROOM 5125 505 VAN NESS AVENUE

8330 CENTURY PARK COURT, CP32C SAN DIEGO, CA 92123-1548 FOR: SAN DIEGO GAS & ELECTRIC

LYNELLE LUND COMMERCE ENERGY, INC. 600 ANTON BLVD., SUITE 2000 COSTA MESA, CA 92626 FOR: COMMERCE ENERGY, INC.

MARC D. JOSEPH

EMPLOYEES

JOHN P. HUGHES MANAGER, REGULATORY AFFAIRS SAN FRANCISCO, CA 94102

MARCEL HAWIGER THE UTILITY REFORM NETWORK 711 VAN NESS AVENUE, SUITE 350

DIANA L. LEE CALIF PUBLIC UTILITIES COMMISSION LEGAL DIVISION ROOM 4107 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214 FOR: DRA

AUDREY CHANG STAFF SCIENTIST NATURAL RESOURCES DEFENSE COUNCIL 111 SUTTER STREET, 20TH FLOOR SAN FRANCISCO, CA 94104

COUNCIL

SAN FRANCISCO, CA 94102-3214 FOR: NATURAL RESOURCES DEFENSE

DONALD BROOKHYSER ATTORNEY AT LAW ALCANTAR & KAHL 120 MONTGOMERY STREET SAN FRANCISCO, CA 94104 FOR: COGENERATION ASSOCIATION OF FOR: ENERGY PRODUCERS & USERS COALITION CALIFORNIA/ENERGY PRODUCERS AND USERS COALITION

EVELYN KAHL ATTORNEY AT LAW ALCANTAR & KAHL, LLP 120 MONTGOMERY STREET, SUITE 2200 SAN FRANCISCO, CA 94104

KRISTIN GRENFELL PROJECT ATTORNEY, CALIF. ENERGY PROGRAM ATTORNEY AT LAW NATURAL RESOURCES DEFENSE COUNCIL ALCANTAR & KAHL, LLP 111 SUTTER STREET, 20TH FLOOR SAN FRANCISCO, CA 94104

MICHAEL P. ALCANTAR 120 MONTGOMERY STREET, SUITE 2200 SAN FRANCISCO, CA 94104 FOR: COGENERATION ASSOCIATION OF CALIFORNIA/ENERGY PRODUCERS AND

USERS

COALITION

SEEMA SRINIVASAN ATTORNEY AT LAW ALCANTAR & KAHL, LLP 120 MONTGOMERY STREET, SUITE 2200 ONE MARKET ST., SPEAR TOWER, 36TH SAN FRANCISCO, CA 94104 FOR: ENERGY PRODUCERS & USERS COALITION FOR: UNION OF CONCERNED SCIENTISTS

WILLIAM H. CHEN DIR. ENERGY POLICY WEST REGION CONSTELLATION NEW ENERGY, INC.

EDWARD G POOLE

SAN FRANCISCO, CA 94105

ANDERSON DONOVAN & POULE
601 CALIFORNIA STREET SUITE 1300 SAN FRANCISCO, CA 94108 FOR: SAN FRANCISCO COMMUNITY POWER

ANN G. GRIMALDI MCKENNA LONG & ALDRIDGE LLP 101 CALIFORNIA STREET, 41ST FLOOR SAN FRANCISCO, CA 94111 FOR: CENTER FOR ENERGY AND ECONOMIC DEVELOPMENT

BRIAN T. CRAGG GOODIN, MACBRIDE, SQUERI, DAY & LAMPREY ATTORNEY AT LAW 505 SANSOME STREET, SUITE 900 DAY LLP SAN FRANCISCO, CA 94111 FOR: INDEPENDENT ENERGY PRODUCERS ASSOCIATION

JAMES D. SQUERI GOODIN MACBRIDE SQUERI RITCHIE &

JEANNE B. ARMSTRONG

505 SANSOME STREET, STE 900 SAN FRANCISCO, CA 94111 FOR: POWEREX CORP.

ATTORNEY AT LAW GOODIN MACBRIDE SQUERI DAY & LAMPREY

505 SANSOME STREET, SUITE 900

101 CALIFORNIA STREET

101 CALIFORNIA STREET SAN FRANCISCO, CA 94111

KAREN BOWEN ATTORNEY AT LAW SAN FRANCISCO, CA 94111 FOR: WILD GOOSE STORAGE LLC

FOR: MIRANT CALIFORNIA, LLCMIRANT DELTA, LLC, AND MIRANT POTRERO, LLC

LISA A. COTTLE ATTORNEY AT LAW WINSTON & STRAWN LLP LAMPREY LLP 101 CALIFORNIA STREET, 39TH FLOOR 505 SANSOME STREET, SUITE 900 SAN FRANCISCO, CA 94111 SAN FRANCISCO, CA 94111 FOR: MIRANT CALIFORNIA, LLC, MIRANT FOR: SOLAR ALLIANCE DELTA, LLC, AND MIRANT POTRERO, LLC

MICHAEL B. DAY ATTORNEY AT LAW GOODIN MACBRIDE SQUERI DAY &

SEAN P. BEATTY ATTORNEY AT LAW COOPER, WHITE & COOPER, LLP

201 CALIFORNIA ST., 17TH FLOOR

SAN FRANCISCO, CA 94111

FOR: INDEPENDENT ENERGY PRODUC SAN FRANCISCO, CA 94111

VIDHYA PRABHAKARAN GOODIN, MACBRIDE, SQUERI, DAY, LAMPREY FOR: INDEPENDENT ENERGY PRODUCERS ASSOCIATION

JOSEPH M. KARP ATTORNEY AT LAW WINSTON & STRAWN LLP WINSTON & STRAWN LLP

101 CALIFORNIA STREET, 39TH FLOOR
SAN FRANCISCO, CA 94111-5894
FOR: CALIFORNIA COGENERATION COUNCIL

CONSUMERS

FOR: CALIFORNIA LARGE ENERGY CONSUMERS

EDWARD W. O'NEILL ATTORNEY AT LAW

JEFFREY P. GRAY DAVIS WRIGHT TREMAINE, LLP 505 MONTGOMERY STREET, SUITE 800 SAN FRANCISCO, CA 94111-6533 SAN FRANCISCO, CA 94120-7442 FOR: CALPINE CORPORATION

ASSOCIATION

SARA STECK MYERS ATTORNEY AT LAW 122 28TH AVENUE PRESIDIO BUILDIING 97
SAN FRANCISCO, CA 94121 PO BOX 39512
FOR: CENTER FOR ENERGY EFFICIENCY AND SAN FRANCISCO, CA 94129 RENEWABLE TECHNOLOGIES

CHRISTOPHER J. WARNER PACIFIC GAS AND ELECTRIC COMPANY 77 BEALE STREET, RM 3145; PO BOX

FOR: PACIFIC GAS AND ELECTRIC

ANDREW L. HARRIS

LARS KVALE CENTER FOR RESOURCE SOLUTIONS FOR: CENTER FOR RESOURCE SOLUTION

BRIAN K. CHERRY PACIFIC GAS & ELECTRIC COMPANY

PO BOX 770000 MAIL CODE B9A

SAN FRANCISCO, CA 94177

PO BOX 770000, MAIL CODE: B10C

SAN FRANCISCO, CA 94177

PO BOX 770000, MAIL CODE: B10C FOR: PACIFIC GAS AND ELECTRIC

COMPANY

ANDREA WELLER STRATEGIC ENERGY 3130 D BALFOUR RD., SUITE 290 BRENTWOOD, CA 94513 FOR: STRATEGIC ENERGY

BETH VAUGHAN CALIFORNIA COGENERATION COUNCIL 4391 N. MARSH ELDER COURT CONCORD, CA 94521

KEVIN BOUDREAUX CALPINE POWER AMERICA-CA, LLC 4160 DUBLIN BLVD. DUBLIN, CA 94568 FOR: CALPINE POWER AMERICA

J. ANDREW HOERNER REDEFINING PROGRESS 1904 FRANKLIN STREET OFFICE OAKLAND, CA 94612

CALIFORNIA

R. THOMAS BEACH

GREGG MORRIS DIRECTOR GREEN POWER INSTITUTE 2039 SHATTUCK AVENUE, STE 402 BERKELEY, CA 94704 FOR: GREEN POWER INSTITUTE

CROSSBORDER ENERGY 2560 NINTH STREET, SUITE 213A 2502 ROBERTSON RD
BERKELEY, CA 94710-2557 SANTA CLARA, CA 95051 FOR: THE CALIFORNIA COGENERATION COUNCIL FOR: KENNETH CARLISLE JOHNSON

BARRY F. MCCARTHY ATTORNEY AT LAW MCCARTHY & BERLIN, LLP MCCARTHY & BERLIN, LLP

100 PARK CENTER PLAZA, SUITE 501

SAN JOSE, CA 95113

MC CARTHY & BERLIN, LLP

100 PARK CENTER PLAZA, SUITE 510

SAN JOSE, CA 95113 FOR: NORTHERN CALIFORNIA GENERATION FOR: NORTHERN CALIFORNIA POWER AGENCY COALITION

JENNIFER CHAMBERLIN MGR. OF REG. AND GOV. AFFAIRS STRATEGIC ENERGY, LLC 2633 WELLINGTON CT. CLYDE, CA 94520 FOR: STRATEGIC ENERGY, LLC

> KERRY HATTEVIK DIRECTOR OF REG. AND MARKET AFFAIRS DIRECTOR OF NRG ENERGY 829 ARLINGTON BLVD. EL CERRITO, CA 94530 FOR: MIRANT CORPORATION

AVIS KOWALEWSKI CALPINE CORPORATION 3875 HOPYARD ROAD, SUITE 345 PLEASANTON, CA 94588

JANILL RICHARDS DEPUTY ATTORNEY GENERAL CALIFORNIA ATTORNEY GENERAL'S

1515 CLAY STREET, 20TH FLOOR OAKLAND, CA 94702 FOR: PEOPLE OF THE STATE OF

CLIFF CHEN UNION OF CONCERNED SCIENTISTS 2397 SHATTUCK AVENUE, STE 203 BERKELEY, CA 94708 FOR: UNION OF CONCERNED SCIENTISTS

> KENNETH C. JOHNSON KENNETH CARLISLE JOHNSON

C. SUSIE BERLIN ATTORNEY AT LAW MIKE LAMOND
ALPINE NATURAL GAS OPERATING CO. #1 LLC
PO BOX 550
VALLEY SPRINGS, CA 95252

JOY A. WARREN
REGULATORY ADMINISTRATOR
MODESTO IRRIGATION DISTRICT
1231 11TH STREET
MODESTO, CA 95354

UDI HELMAN

OPERATOR CORPORATION

BALDASSARO DI CAPO
151 BLUE RAVINE ROAD
CORP
FOLSOM, CA 95630
FOR: CALIFORNIA INDEPENDENT SYSTEM
OPERATOR

151 BLUE RAVINE ROAD FOLSOM, CA 95630 FOR: CALIFORNIA INDEPENDENT SYSTEM

CALIFORNIA INDEPENDENT SYS. OPER.

WAYNE AMER
PRESIDENT
AFFAIRS
MOUNTAIN UTILITIES
GROUP
PO BOX 205
KIRKWOOD, CA 95646
FOR: MOUNTAIN UTILITIES

MARY LYNCH
VP - REGULATORY AND LEGISLATIVE

CONSTELLATION ENERGY COMMODITIES

2377 GOLD MEDAL WAY, SUITE 100
GOLD RIVER, CA 95670

STEPHEN E. DOYLE

EXECUTIVE VICE PRESIDENT

CLEAN ENERGY SYSTEMS, INC.

3035 PROSPECT PARK DRIVE, STE 150

RANCHO CORDOVA, CA 95670-6071

FOR: CLEAN ENERGY SYSTEMS, INC.

ANDREW BROWN

ATTORNEY AT LA

ELLISON SCHNE

SCHNE

FOR: CONSTELLA

FOR: CONSTELLA

ANDREW BROWN
ATTORNEY AT LAW
ELLISON SCHNEIDER & HARRIS LLP
2015 H STREET
SACRAMENTO, CA 95811
FOR: CONSTELLATION NEW ENERGY,
INC., CONSTELLATION ENERGY

COMMODITIES

GROUP, INC. CONSTELLATION GENRATION

GREGGORY L. WHEATLAND
ATTORNEY AT LAW
ELLISON, SCHNEIDER & HARRIS, LLP
2015 H STREET
SACRAMENTO, CA 95811-3109
FOR: LS POWER, INC.

JEFFERY D. HARRIS
ATTORNEY AT LAW
ELLISON, SCHNEIDER & HARRIS LLP
2015 H STREET
SACRAMENTO, CA 95811-3109
FOR: DYNEGY

BRUCE MCLAUGHLIN
BRAUN & BLAISING, P.C.
915 L STREET, SUITE 1270
SACRAMENTO, CA 95814
FOR: CALIFORNIA MUNICIPAL UTILITIES
ASSOCIATION

DOUGLAS K. KERNER
ATTORNEY AT LAW
ELLISON, SCHNEIDER & HARRIS, LLP
2015 H STREET
SACRAMENTO, CA 95814
FOR: SIERRA PACIFIC POWER COMPANY

JANE E. LUCKHARDT ATTORNEY AT LAW DOWNEY BRAND LLP VIRGIL WELCH STAFF ATTORNEY ENVIRONMENTAL DEFENSE 555 CAPITOL MALL, 10TH FLOOR 1107 9TH STREET, SUITE 540 SACRAMENTO, CA 95814 FOR: SACRAMENTO MUNICIPAL UTILITY DISTRICT

SACRAMENTO, CA 95814

DOWNEY BRAND DOWNEY BRAND 555 CAPITOL MALL, 10TH FLOOR SACRAMENTO, CA 95814-4686 FOR: SACRAMENTO MUNICIPAL

RAYMOND J. CZAHAR, C.P.A. CHIEF FINANCIAL OFFICER WEST COAST GAS COMPANY 9203 BEATTY DRIVE SACRAMENTO, CA 95826

STEVEN M. COHN ASSISTANT GENERAL COUNSEL SACRAMENTO MUNICIPAL UTILITY DISTRICT DAY CARTER & MURPHY, LLP PO BOX 15830 205 SACRAMENTO, CA 95852-1830 FOR: SACRAMENTO MUNICIPAL UTILITY DISTRICT

ANN L. TROWBRIDGE ATTORNEY AT LAW 3620 AMERICAN RIVER DRIVE, SUITE

DAN SILVERIA SURPRISE VALLEY ELECTRIC CORPORATION PO BOX 691 ALTURAS, CA 96101 FOR: SURPRISE VALLEY ELECTRIC

SACRAMENTO, CA 95864 FOR: CALIFORNIA CLEAN DG COALITION/NORTHWEST NATURAL GAS

COOP COOPERATIVE CYNTHIA SCHULTZ

JESSICA NELSON PLUMAS-SIERRA RURAL ELECTRIC CO-OP 73233 STATE ROUTE 70, STE A PORTOLA, CA 96122-7064 FOR: PLUMAS-SIERRA RURAL ELECTRIC

REGULATORY FILING COORDINATOR PACIFIC POWER AND LIGHT COMPANY 825 N.E. MULTNOMAH PORTLAND, OR 97232

KYLE L. DAVIS PACIFICORP 825 NE MULTNOMAH ST., 20TH FLOOR PORTLAND, OR 97232 FOR: PACIFICORP

RYAN FLYNN PACIFICORP 825 NE MULTNOMAH STREET, 18TH FLOOR 350 SPARKS STREET, STE. 809 PORTLAND, OR 97232

IAN CARTER INTERNATIONAL EMISSIONS TRADING

TRADING

OTTAWA, ON K1R 7S8 CANADA

FOR: INTERNATIONAL EMISSIONS

ASSOCIATION

JASON A. DUBCHAK VICE PRESIDENT/GENERAL COUNSEL WILD GOOSE STORAGE LLC C/O NISKA GAS STORAGE, SUITE 400 607 8TH AVENUE S.W. CALGARY, AB T2P OA7 CANADA

FOR: WILD GOOSE STORAGE LLC

# Information Only

BRIAN M. JONES M. J. BRADLEY & ASSOCIATES, INC. INC. 47 JUNCTION SQUARE DRIVE CONCORD, MA 01742

KENNETH A. COLBURN SYMBILTIC STRATEGIES, LLC 26 WINTON ROAD MEREDITH, NH 03253

KATHRYN WIG PARALEGAL NRG ENERGY, INC. 211 CARNEGIE CENTER PRINCETON, NY 08540

GEORGE HOPLEY BARCLAYS CAPITAL 200 PARK AVENUE NEW YORK, NY 10166

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

VERONIQUE BUGNION POINT CARBON 205 SEVERN RIVER RD SEVERNA PARK, MD 21146

GARY BARCH FELLON-MCCORD & ASSOCIATES, INC. REGULATORY AFFAIRS ANALYST SUITE 2000 9960 CORPORATE CAMPUS DRIVE LOUISVILLE, KY 40223

BARRY RABE 1427 ROSS STREET PLYMOUTH, MI 48170

MATTHEW MOST EDISON MISSION MARKETING & TRADING,

160 FEDERAL STREET BOSTON, MA 02110-1776

RICHARD COWART REGULATORY ASSISTANCE PROJECT 50 STATE STREET, SUITE 3 MONTPELIER, VT 05602

SAKIS ASTERIADIS APX INC 1270 FIFTH AVE., SUITE 15R NEW YORK, NY 10029

MELISSA DORN MCDERMOTT, WILL & EMERY LLP 600 13TH ST. NW WASHINGTON, DC 20005

DALLAS BURTRAW 1616 P STREET, NW WASHINGTON, DC 20036

GARSON KNAPP FPL ENERGY, LLC 770 UNIVERSE BLVD. JUNO BEACH, FL 33408

SAMARA MINDEL FELLON-MCCORD & ASSOCIATES 9960 CORPORATE CAMPUS DRIVE, SUITE

LOUISVILLE, KY 40223

BRIAN POTTS FOLEY & LARDNER PO BOX 1497 150 EAST GILMAN STREET

MADISON, WI 53701-1497

JAMES W. KEATING BP AMERICA, INC. MAIL CODE 603-1E 150 W. WARRENVILLE RD. NAPERVILLE, IL 60563

JAMES ROSS RCS, INC. 500 CHESTERFIELD CENTER, SUITE 320 CHESTERFIELD, MO 63017

ANNE HENDRICKSON DIRECTOR, REGULATORY AFFAIRS COMMERCE ENERGY INC 222 W. LAS COLINAS BLVD., STE. 950-E 222 W. LAS COLINAS BLVD., STE. 950-IRVING, TX 75039 FOR: COMMERCE ENERGY INC

COURTNEY WEDDINGTON COMPLIANCE ANALYST COMMERCE ENERGY INC

IRVING, TX 75039

TRENT A. CARLSON RELIANT ENERGY 1000 MAIN STREET HOUSTON, TX 77001

GARY HINNERS RELIANT ENERGY, INC. PO BOX 148 HOUSTON, TX 77001-0148

JEANNE ZAIONTZ BP ENERGY COMPANY 501 WESTLAKE PARK BLVD, RM. 4328 BP ENERGY COMPANY HOUSTON, TX 77079

JULIE L. MARTIN NORTH AMERICA GAS AND POWER 501 WESTLAKE PARK BLVD. HOUSTON, TX 77079

FIJI GEORGE EL PASO CORPORATION EL PASO BUILDING 250 PO BOX 2511 HOUSTON, TX 77252

ED CHIANG ELEMENT MARKETS, LLC ONE SUGAR CREEK CENTER BLVD., SUITE

SUGAR LAND, TX 77478

FRANK STERN SUMMIT BLUE CONSULTING 1722 14TH STREET, SUITE 230 BOULDER, CO 80302 FOR: SUMMIT BLUE CONSULTING

NADAV ENBAR ENERGY INSIGHTS 1750 14TH STREET, SUITE 200 BOULDER, CO 80302

NICHOLAS LENSSEN ENERGY INSIGHTS 1750 14TH STREET, SUITE 200 BOULDER, CO 80302

LUIZABETH BAKER
SUMMIT BLUE CONSULTING
1722 14TH STREET CT 1722 14TH STREET, SUITE 230

W. WAYNE TOMLINSON EL PASO CORPORATION- WESTERN PIPELINES ENERGY MANAGEMENT SERVICES 2 NORTH NEVADA AVENUE COLORADO SPRINGS, CO 80903 DURANGO, CO 81301

KEVIN J. SIMONSEN 646 EAST THIRD AVENUE JAMES A. HOLTKAMP SALT LAKE CITY, UT 84111

SANDRA ELY HOLLAND & HART, LLP

NEW MEXICO ENVIRONMENT DEPARTMENT

1190 ST FRANCIS DRIVE SANTA FE, NM 87501

BRIAN MCQUOWN RELIANT ENERGY 7251 AMIGO ST., SUITE 120 LAS VEGAS, NV 89119

DOUGLAS BROOKS NEVADA POWER COMPANY SIERRA PACIFIC POWER COMPANY 6226 WEST SAHARA AVENUE LAS VEGAS, NV 89151

ANITA HART SENIOR SPECIALIST/STATE REGULATORYAFFAIR SOUTHWEST GAS CORPORATION SOUTHWEST GAS CORPORATION 5241 SPRING MOUNTAIN ROAD LAS VEGAS, NV 89193

RANDY SABLE MAILSTOP: LVB-105 5241 SPRING MOUNTAIN ROAD LAS VEGAS, NV 89193

BILL SCHRAND BILL SURKAND SOUTHWEST GAS CORPORATON PO BOX 98510 LAS VEGAS, NV 89193-8510

JJ PRUCNAL SOUTHWEST GAS CORPORATION PO BOX 98510 LAS VEGAS, NV 89193-8510

SANDRA CAROLINA SOUTHWEST GAS CORPORATION PO BOX 98510 LAS VEGAS, NV 89193-8510

CYNTHIA MITCHELL ENERGY ECONOMICS, INC. 530 COLGATE COURT RENO, NV 89503

CHRISTOPHER A. HILEN ASSISTANT GENERAL COUNSEL SIERRA PACIFIC POWER COMPANY 6100 NEIL ROAD RENO, NV 89511

ELENA MELLO SIERRA PACIFIC POWER COMPANY 6100 NEIL ROAD RENO, NV 89520

DARRELL SOYARS MANAGER-RESOURCE PERMITTING&STRATEGIC SIERRA PACIFIC POWER COMPANY SIERRA PACIFIC RESOURCES 6100 NEIL ROAD RENO, NV 89520-0024 FOR: SIERRA PACIFIC RESOURCES

TREVOR DILLARD PO BOX 10100 6100 NEIL ROAD, MS S4A50 RENO, NV 89520-0024

LEILANI JOHNSON KOWAL LOS ANGELES DEPT. OF WATER AND POWER POWER 111 N. HOPE STREET, ROOM 1050

111 NORTH HOPE STREET, ROOM 921

LOS ANGELES, CA 90012

LOS ANGELES, CA 90012 FOR: LOS ANGELES DEPT. OF WATER AND POWER

RANDY S. HOWARD LOS ANGELES DEPT. OF WATER AND

ROBERT K. ROZANSKI LOS ANGELES DEPT OF WATER AND POWER LOS ANGELES DEPARTMENT OF WATER & POWER 111 NORTH HOPE STREET, ROOM 1520

111 NORTH HOPE STREET, SUITE 1151
LOS ANGELES, CA 90012

LOS ANGELES, CA 90012

HUGH YAO SOUTHERN CALIFORNIA GAS COMPANY 555 W. 5TH ST, GT22G2 LOS ANGELES, CA 90013

LEE WALLACH SOLEL, INC 3424 MOTOR AVE., STE. 100 LOS ANGELES, CA 90034

S. NANCY WHANG ATTORNEY AT LAW LOS ANGELES, CA 90064

DAVID NEMTZOW NEMTZOW & ASSOCIATES 1254 9TH STREET, NO. 6 SANTA MONICA, CA 90401

STEVEN G. LINS GENERAL COUNSEL GLENDALE WATER AND POWER 613 EAST BROADWAY, SUITE 220 GLENDALE, CA 91206-4394

JUSTIN RATHKE CAPSTONE TURBINE CORPORATION 21211 NORDHOFF STREET CHATSWORTH, CA 91311

BRUNO JEIDER BURBANK WATER & POWER 164 WEST MAGNOLIA BLVD. BURBANK, CA 91502

AIMEE BARNES MANAGER REGULATORY AFFAIRS ROBERT L. PETTINATO

RASHA PRINCE SOUTHERN CALIFORNIA GAS COMPANY SOUTHERN CALIFORNIE 11.555 WEST 5TH STREET, GT14D6 LOS ANGELES, CA 90013

RANDALL W. KEEN ATTORNEY AT LAW MANATT PHELPS & PHILLIPS, LLP 11355 WEST OLYMPIC BLVD. LOS ANGELES, CA 90064 FOR: LOS ANGELES COUNTY

DEREK MARKOLF CALIFORNIA CLIMATE ACTION REGISTRY MANATT, PHELPS & PHILLIPS, LLP 515 S. FLOWER STREET, SUITE 1640 11355 WEST OLYMPIC BLVD. LOS ANGELES, CA 90071

> HARVEY EDER PUBLIC SOLAR POWER COALITION 1218 12TH ST., 25 SANTA MONICA, CA 90401

TOM HAMILTON MANAGING PARTNER ENERGY CONCIERGE SERVICES 321 MESA LILA RD GLENDALE, CA 91208

> STEPHEN GILLETTE NE TURBINE CORPORATION 21211 NORDHOFF STREET CHATSWORTH, CA 91311

RICHARD J. MORILLO ASSISTANT CITY ATTORNEY CITY OF BURBANK 215 E. OLIVE AVENUE BURBANK, CA 91502

CASE ADMINISTRATION SOUTHERN CALIFORNIA EDISON COMPANY ECOSECURITIES HARVARD SQUARE 206 W. BONITA AVENUE CLAREMONT, CA 91711 2244 WALNUT GROVE AVE., RM. 370 ROSEMEAD, CA 91770

JAIRAM GOPAL SOUTHERN CALIFORNIA EDISON 2244 WALNUT GROVE, GO1-C ROSEMEAD, CA 91770

TIM HEMIG NRG ENERGY, INC. 1817 ASTON AVENUE, SUITE 104 CARLSBAD, CA 92008

TOM CORR MANAGER, REGULATORY POLICY SEMPRA GLOBAL 101 ASH STREET, 8TH FL. SAN DIEGO, CA 92101-3017

YVONNE GROSS REGULATORY POLICY MANAGER SEMPRA ENERGY 101 ASH STREET, HQ08C SAN DIEGO, CA 92103

JOHN LAUN APOGEE INTERACTIVE, INC. 504 CATALINA BLVD.
1220 ROSECRANS ST., SUITE 308 SAN DIEGO, CA 92106 SAN DIEGO, CA 92106

KIM KIENER

SCOTT J. ANDERS

RESEARCH/ADMINISTRATIVE DIRECTOR

UNIVERSITY OF SAN DIEGO SCHOOL OF LAW

5998 ALCALA PARK

JOSEPH R. KLOBERDANZ

SAN DIEGO GAS & ELECTRIC

PO BOX 1831

SAN DIEGO, CA 92112 SAN DIEGO, CA 92110

ANDREW MCALLISTER DIRECTOR OF PROGRAMS CALIFORNIA CENTER FOR SUSTAINABLE ENERGY CALIFORNIA CENTER FOR SUSTAINABLE

JENNIFER PORTER POLICY ANALYST 8690 BALBOA AVE., SUITE 100 8690 BALBOA AVENUE, SUITE 100 SAN DIEGO, CA 92123 SAN DIEGO, CA 92123 SAN DIEGO, CA 92123

SEPHRA A. NINOW POLICY ANALYST CALIFORNIA CENTER FOR SUSTAINABLE ENERGY 8330 CENTURY PARK COURT, CP32H 8690 BALBOA AVENUE, SUITE 100 SAN DIEGO, CA 92123-1530 SAN DIEGO, CA 92123 FOR: SAN DIEGO GAS AND ELECTRIC COMPANY

DESPINA NIEHAUS SAN DIEGO GAS AND ELECTRIC COMPANY

JOHN W. LESLIE ATTORNEY AT LAW LUCE, FORWARD, HAMILTON & SCRIPPS, LLP 333 EAST BARIONI BLVD. 11988 EL CAMINO REAL, SUITE 200 IMPERIAL, CA 92251 SAN DIEGO, CA 92130

ELSTON K. GRUBAUGH IMPERIAL IRRIGATION DISTRICT

THOMAS MCCABE

WILLIAM KARAMBELAS

EDISON MISSION ENERGY WESTERN REG 18101 VON KARMAN AVE., SUITE 1700 FUELCELL ENERGY, INC. IRVINE, CA 92612

27068 LA PAZ ROAD, NO. 470 ALISO VIEJO, CA 92656 FOR: FUEL CELL ENERGY, INC.

V.P. OF BUSINESS DEVELOPMENT

MONA TIERNEY-LLOYD LANDSITE, INC PO BOX 378 CAYUCOS, CA 93430 FOR: LANDSITE, INC

JAN PEPPER CLEAN POWER MARKETS, INC. PO BOX 3206 418 BENVENUE AVENUE LOS ALTOS, CA 94024

GLORIA D. SMITH ADAMS, BROADWELL, JOSEPH & CARDOZO

601 GATEWAY BLVD., SUITE 1000

SOUTH SAN FRANCISCO, CA 94080

LOULENA A. MILES

ADAMS BROADWELL JOSEPH & CARDOZO

601 GATEWAY BLVD., SUITE 1000

SOUTH SAN FRANCISCO, CA 94080

LOULENA A. MILES

DIANE I. FELLMAN DIANE 1. FELLMAN

DIRECTOR, REGULATORY AFFAIRS

FPL ENERGY PROJECT MANAGEMENT, INC.

234 VAN NESS AVENUE

SAN FRANCISCO, CA 94102

HAYLEY GOODSON

ATTORNEY AT LAW

THE UTILITY REFORM NETWORK

711 VAN NESS AVENUE, SUITE 350

SAN FRANCISCO, CA 94102 SAN FRANCISCO, CA 94102 FOR: FPL ENERGY PROJECT MANAGEMENT INC

HAYLEY GOODSON SAN FRANCISCO, CA 94102

MICHEL FLORIO ATTORNEYS AT LAW DEVELOPMENT 711 VAN NESS AVE., STE. 350 SAN FRANCISCO, CA 94102

DAN ADLER DIRECTOR, TECH AND POLICY

CALIFORNIA CLEAN ENERGY FUND 5 THIRD STREET, SUITE 1125 SAN FRANCISCO, CA 94103

MICHAEL A. HYAMS POWER ENTERPRISE-REGULATORY AFFAIRS
SAN FRANCISCO PUBLIC UTILITIES COMM
1155 MARKET ST., 4TH FLOOR
SAN FRANCISCO, CA 94103
SAN FRANCISCO, CA 94103
SAN FRANCISCO, CA 94103

THERESA BURKE

NORMAN J. FURUTA ATTORNEY AT LAW INC. FEDERAL EXECUTIVE AGENCIES
1455 MARKET ST., SUITE 1744 SAN FRANCISCO, CA 94103-1399

AMBER MAHONE ENERGY & ENVIRONMENTAL ECONOMICS,

101 MONTGOMERY STREET, SUITE 1600 SAN FRANCISCO, CA 94104

ANNABELLE MALINS

CONSUL-SCIENCE AND TECHNOLOGY

BRITISH CONSULATE-GENERAL

ONE SANSOME STREET, SUITE 850

SAN FRANCISCO, CA 94104 SAN FRANCISCO, CA 94104

LEAH FLETCHER NATURAL RESOURCES DEFENSE COUNCIL 111 SUTTER STREET 20TH FLR

ALCANTAR & KAHL, LLP

SAN FRANCISCO, CA 94104

FOR: NATURAL RESOURCES DEFENSE COUNCIL

SAN FRANCISCO, CA 94104

OLOF BYSTROM DIRECTOR, WESTERN ENERGY CAMBRIDGE ENERGY RESEARCH ASSOCIATES

555 CALIFORNIA STREET, 3RD FLOOR
SAN FRANCISCO, CA 94104

SAN FRANCISCO, CA 94104

SAN FRANCISCO, CA 94104

SHERYL CARTER NATURAL RESOURCES DEFENSE COUNCIL 111 SUTTER STREET, 20TH FLOOR SAN FRANCISCO, CA 94104

BIANCA BOWMAN CASE COORDINATOR
PACIFIC GAS AND ELECTRIC COMPANY
TO BEALE STREET, MAIL CODE B9A

CAN EDANCISCO. CA 94105

SAN FRANCISCO, CA 94105 CASE COORDINATOR

FRED WELLINGTON NAVIGANT CONSULTING, INC. 1 MARKET ST., SPEAR ST. TOWER, STE 1200 SUITE 2000 SAN FRANCISCO, CA 94105

KEVIN FOX SAN FRANCISCO, CA 94105

RAY WELCH

JAMES W. MCTARNAGHAN ATTORNEY AT LAW

NORA SHERIFF ATTORNEY AT LAW

SETH HILTON ATTORNEY AT LAW FOR: EL PASO NATURAL GAS

ASHLEE M. BONDS THELEN REID BROWN RAYSMAN&STEINER

SUITE 1800 101 SECOND STREET SAN FRANCISCO, CA 94105

CARMEN E. BASKETTE SENIOR MGR MARKET DEVELOPMENT FOR: ENERNOC, INC.

JAMES W. TARNAGHAN DUANE MORRIS LLP ONE MARKET, SPEAR TOWER SAN FRANCISCO, CA 94105 FOR: LODI GAS STORAGE

KHURSHID KHOJA WILSON SONSINI GOODRICH & ROSATI
ONE MARKET STREET, SPEAR TOWER, 3300

THELEN REID BROWN RAYSMAN & STEINER

101 SECOND STREET SHITE 1800 101 SECOND STREET, SUITE 1800 SAN FRANCISCO, CA 94105

SHERIDAN J. PAUKER NAVIGANT CONSULTING, INC.

ONE MARKET PLAZA, SUITE 1200

SAN FRANCISCO, CA 94105

SAN FRANCISCO, CA 94105

> ROBERT J. REINHARD MORRISON AND FOERSTER

DUANE MORRIS LLP ONE MARKET, SPEAR TOWER 2000 SAN FRANCISCO, CA 94105-1104

425 MARKET STREET SAN FRANCISCO, CA 94105-2482

PETER V. ALLEN THELEN REID BROWN RAYSMAN & STEINER

101 SECOND STREET, SUITE 1800

SAN FRANCISCO, CA 94105-3606

SAN FRANCISCO, CA 94107

STEVEN MOSS

ARNO HARRIS

HOWARD V. GOLUB RECURRENT ENERGY, INC.

1700 MONTGOMERY ST., SUITE 251

SAN FRANCISCO, CA 94111

NIXON PEABODY LLP

1 EMBARCADERO CENTER, STE. 1800

SAN FRANCISCO, CA 94111

JAMES B. WOODRUFF VICE PRESIDENT REGULATORY AND GOVT AFFAI ATTORNEY AT LAW NEXTLIGHT RENEWABLE POWER, LLC FOLGER, LEVIN & KAHN, LLP

101 CALIFORNIA STREET, STE 2450 275 BATTERY STREET, 23RD FLOOR
SAN EPANCISCO CA 94111 SAN FRANCISCO, CA 94111

JANINE L. SCANCARELLI SAN FRANCISCO, CA 94111

JOSEPH F. WIEDMAN ATTORNEY AT LAW GOODIN MACBRIDE SQUERI DAY & LAMPREY LLP 101 CALIFORNIA STREET 39TH FLR 505 SANSOME STREET, SUITE 900 SAN FRANCISCO, CA 94111 SAN FRANCISCO, CA 94111

KARLEEN O'CONNOR WINSTON & STRAWN LLP

MARTIN A. MATTES NOSSAMAN, GUTHNER, KNOX & ELLIOTT, LLP 236 HARTFORD STREET 50 CALIFORNIA STREET, SUITE 3400 SAN FRANCISCO, CA 94114 SAN FRANCISCO, CA 94111

BRAD WETSTONE

JEN MCGRAW CENTER FOR NEIGHBORHOOD TECHNOLOGY 425 DIVISADERO ST. PO BOX 14322 SAN FRANCISCO, CA 94114

CALIFORNIA ENERGY MARKETS SAN FRANCISCO, CA 94117

LISA WEINZIMER ASSOCIATE EDITOR PLATTS MCGRAW-HILL 695 NINTH AVENUE, NO. 2 SAN FRANCISCO, CA 94118

SHAUN ELLIS 2183 UNION STREET SAN FRANCISCO, CA 94123

ED LUCHA CASE COORDINATOR PACIFIC GAS AND ELECTRIC COMPANY
PO BOX 770000, MAIL CODE B9A
SAN FRANCISCO, CA 94177

PACIFIC GAS AND ELECTRIC COMPANY
PO BOX 770000 MAIL CODE B9A
SAN FRANCISCO, CA 94177

GRACE LIVINGSTON-NUNLEY ASSISTANT PROJECT MANAGER JASMIN ANSAR PG&E MAIL CODE B24A PO BOX 770000 SAN FRANCISCO, CA 94177

KATE BEARDSLEY PG&E MAILCODE B9A PO BOX 770000 SAN FRANCISCO, CA 94177

SHAUN HALVERSON PACIFIC GAS AND ELECTRIC COMPANY PG&E MAIL CODE B9A PO BOX 770000 SAN FRANCISCO, CA 94177 FOR: PACIFIC GAS AND ELECTRIC COMPANY

STEPHANIE LA SHAWN PACIFIC GAS AND ELECTRIC COMPANY
PO BOX 770000, MAIL CODE B9A
PO BOX 770000, B9A SAN FRANCISCO, CA 94177

KARLA DAILEY CITY OF PALO ALTO UTILITIES DEPARTMENT BOX 10250 PALO ALTO, CA 94303

DEAN R. TIBBS PRESIDENT ADVANCED ENERGY STRATEGIES, INC. 1390 WILLOW PASS ROAD, SUITE 610 CONCORD, CA 94520

JEFFREY L. HAHN COVANTA ENERGY CORPORATION 876 MT. VIEW DRIVE LAFAYETTE, CA 94549

ANDREW J. VAN HORN VAN HORN CONSULTING 12 LIND COURT ORINDA, CA 94563

SUE KATELEY

JONATHAN FORRESTER PG&E MAIL CODE N13C PO BOX 770000 SAN FRANCISCO, CA 94177

SEBASTIEN CSAPO PG&E PROJECT MGR. MAIL CODE B9A PO BOX 770000 SAN FRANCISCO, CA 94177

SOUMYA SASTRY PACIFIC GAS AND ELECTRIC COMPANY MAIL CODE B9A PO BOX 770000 SAN FRANCISCO, CA 94177

VALERIE J. WINN SAN FRANCISCO, CA 94177-0001

BRAD WETSTONE ALAMEDA POWER AND TELECOM 2000 GRANT STREET, PO BOX H ALAMEDA, CA 94501-0263 FOR: ALAMEDA POWER AND TELECOM

JOHN DUTCHER VICE PRESIDENT - REGULATORY AFFAIRS MOUNTAIN UTILITIES 3210 CORTE VALENCIA FAIRFIELD, CA 94534-7875 FOR: MOUNTAIN UTILITIES

TOM DELFINO GEOMATRIX CONSULTANTS, INC. 359 BIRCHWOOD DRIVE MORAGA, CA 94556-2304

JOSEPH PAUL SENIOR CORPORATE COUNSEL DYNEGY, INC. 4140 DUBLIN BLVD., STE. 100 DUBLIN, CA 94568

GREG BLUE

EXECUTIVE DIRECTOR CALIFORNIA SOLAR ENERGY INDUSTRIES ASSN 5000 EXECUTIVE PARKWAY, STE.140 PO BOX 782 RIO VISTA, CA 94571

ENXCO DEVELOPMENT CORP SAN RAMON, CA 94583

SARAH BESERRA CALIFORNIA REPORTS.COM
39 CASTLE HILL COURT
VALLEJO, CA 94591 VALLEJO, CA 94591 FOR: CALIFORNIA REPORTS

MONICA A. SCHWEBS, ESQ. BINGHAM MCCUTCHEN LLP PO BOX V 1333 N. CALIFORNIA BLVD., SUITE 210 WALNUT CREEK, CA 94596

PETER W. HANSCHEN ATTORNEY AT LAW MORRISON & FOERSTER, LLP MORRISON & FOERSTER, LLP

101 YGNACIO VALLEY ROAD, SUITE 450

67 CARR DRIVE WALNUT CREEK, CA 94596

WILLIAM H. BOOTH ATTORNEY AT LAW LAW OFFICES OF WILLIAM H. BOOTH MORAGA, CA 94596 FOR: CALIFORNIA LARGE ENERGY

CONSUMERS

ASSOCIATION

JOSEPH HENRI 31 MIRAMONTE ROAD WALNUT CREEK, CA 94597

PATRICIA THOMPSON SUMMIT BLUE CONSULTING 2920 CAMINO DIABLO, SUITE 210 WALNUT CREEK, CA 94597

WILLIAM F. DIETRICH ATTORNEY AT LAW DIETRICH CONSULTING 2977 YGNACIO VALLEY ROAD, NO. 613 OAKLAND, CA 94607 WALNUT CREEK, CA 94598-3535

ALEX KANG ITRON, INC. 1111 BROADWAY, STE. 1800

BETTY SETO POLICY ANALYST KEMA, INC. 492 NINTH STREET, SUITE 220 OAKLAND, CA 94607 GOVERNMENTS

GERALD L. LAHR ABAG POWER 101 EIGHTH STREET OAKLAND, CA 94607 FOR: ASSOCIATION OF BAY AREA

JODY S. LONDON JODY S. LONDON
JODY LONDON CONSULTING PO BOX 3629 OAKLAND, CA 94609

STEVEN SCHILLER SCHILLER CONSULTING, INC. 111 HILLSIDE AVENUE PIEDMONT, CA 94611

MRW & ASSOCIATES, INC. 1814 FRANKLIN STREET, SUITE 720 OAKLAND, CA 94612

REED V. SCHMIDT VICE PRESIDENT BARTLE WELLS ASSOCIATES 1889 ALCATRAZ AVENUE BERKELEY, CA 94703 FOR: CALIFORNIA CITY-COUNTY STREET LIGHT ASSOCIATION

ADAM BRIONES ADAM BRIONES

THE GREENLINING INSTITUTE

UNION OF CONCERNED SCIENTISTS

1918 UNIVERSITY AVENUE, 2ND FLOOR

BERKELEY, CA 94704

BERKELEY, CA 94704

TANDY MCMANNES ABENGOA SOLAR, INC.

2030 ADDISON STREET, STE 420

BERKELEY, CA 94705 BERKELEY, CA 94704

CLYDE MURLEY CONSULTANT TO NRDC 1031 ORDWAY STREET ALBANY, CA 94706

NANCY RADER CALIFORNIA WIND ENERGY ASSOCIATION 2560 NINTH STREET, SUITE 213A BERKELEY, CA 94710

EDWARD VINE LAWRENCE BERKELEY NATIONAL LABORATORY BERKELEY LAB BUILDING 90R4000 BERKELEY, CA 94720

CHRIS MARNAY BERKELEY LAB 1 CYCLOTRON RD MS 90R4000 BERKELEY, CA 94720-8136

KARI SMITH SUNPOWER 1414 HARBOUR WAY SOUTH RICHMOND, CA 94804

RITA NORTON RITA NORTON AND ASSOCIATES, LLC 18700 BLYTHSWOOD DRIVE, LOS GATOS, CA 95030

MAHLON ALDRIDGE ECOLOGY ACTION PO BOX 1188 SANTA CRUZ, CA 95060 LAURA WISLAND

STEVE KROMER 3110 COLLEGE AVENUE, APT 12 FOR: STEVE KROMER

BRENDA LEMAY DIRECTOR OF PROJECT DEVELOPMENT HORIZON WIND ENERGY 1600 SHATTUCK, SUITE 222 BERKELEY, CA 94709

CARLA PETERMAN UCEI 2547 CHANNING WAY BERKELEY, CA 94720

RYAN WISER 1 CYCLOTRON ROAD, MS-90-4000 BERKELEY, CA 94720

EMMA POELSTERL SUNPOWER 1414 HARBOUR WAY SOUTH RICHMOND, CA 94804

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

CARL PECHMAN POWER ECONOMICS 901 CENTER STREET SANTA CRUZ, CA 95060

RICHARD SMITH MODESTO IRRIGATION DISTRICT 1231 11TH STREET MODESTO, CA 95352-4060

ROGER VAN HOY MODESTO IRRIGATION DISTRICT 1231 11TH STREET MODESTO, CA 95354

THOMAS S. KIMBALL MODESTO IRRIGATION DISTRICT 1231 11TH STREET MODESTO, CA 95354

WES MONIER STRATEGIC ISSUES AND PLANNING MANAGER

TURLOCK IRRIGATION DISTRICT

333 EAST CANAL DRIVE, PO BOX 949

BARKOVICH & YAP, INC.

44810 ROSEWOOD TERRACE

MENDOCINO, CA 95460 TURLOCK, CA 95381-0949

BARBARA R. BARKOVICH

JOHN R. REDDING ARCTURUS ENERGY CONSULTING 44810 ROSEWOOD TERRACE MENDOCINO, CA 95460

CLARK BERNIER RLW ANALYTICS 1055 BROADWAY, SUITE G SONOMA, CA 95476

RICHARD MCCANN, PH.D M. CUBED 2655 PORTAGE BAY, SUITE 3
DAVIS, CA 95616 DAVIS, CA 95616

GRANT ROSENBLUM, ESQ. LEGAL AND REGULATORY DEPARTMENT CALIFORNIA ISO 151 BLUE RAVINE ROAD FOLSOM, CA 95630

MELANIE GILLETTE SR MGR WESTERN REG. AFFAIRS ENERNOC, INC. 115 HAZELMERE DRIVE FOLSOM, CA 95630

ROBIN SMUTNY-JONES CALIFORNIA ISO 151 BLUE RAVINE ROAD FOLSOM, CA 95630

SAEED FARROKHPAY FEDERAL ENERGY REGULATORY COMMISSION LEGAL AND REGULATORY DEPARTMENT 110 BLUE RAVINE RD., SUITE 107 151 BLUE RAVINE ROAD FOLSOM, CA 95630

CALIFORNIA ISO FOLSOM, CA 95630

DAVID BRANCHCOMB BRANCHCOMB ASSOCIATES, LLC 9360 OAKTREE LANE ORANGEVILLE, CA 95662

KENNY SWAIN NAVIGANT CONSULTING 3100 ZINFANDEL DRIVE, SUITE 600 RANCHO CORDOVA, CA 95670

KIRBY DUSEL NAVIGANT CONSULTING, INC.

3100 ZINFANDEL DRIVE, SUITE 600

RANCHO CORDOVA, CA 95670

GORDON PICKERING
PRINCIPAL
NAVIGANT CONSULTING, INC.
3100 ZINFANDEL DRIVE, SUITE

GORDON PICKERING 3100 ZINFANDEL DRIVE, SUITE 600 RANCHO CORDOVA, CA 95670-6078

LAURIE PARK

PAUL D. MAXWELL NAVIGANT CONSULTING, INC.

3100 ZINFANDEL DRIVE, SUITE 600
RANCHO CORDOVA, CA 95670-6078

PAUL D. MAXWELL
NAVIGANT CONSULTING, INC.
3100 ZINFANDEL DRIVE, SUITE 600
RANCHO CORDOVA, CA 95670-6078 DAVID REYNOLDS MEMBER SERVICES MANAGER NORTHERN CALIFORNIA POWER AGENCY

180 CIRBY WAY ROSEVILLE, CA 95678-6420

SCOTT TOMASHEFSKY NORTHERN CALIFORNIA POWER AGENCY ROSEVILLE, CA 95678-6420

ELLEN WOLFE RESERO CONSULTING 9289 SHADOW BROOK PL. GRANITE BAY, CA 95746

CAROLYN M. KEHREIN ENERGY MANAGEMENT SERVICES 2602 CELEBRATION WAY WOODLAND, CA 95776

AUDRA HARTMANN DYNEGY INC. 980 NINTH STREET, SUITE 2130 SACRAMENTO, CA 95814

BOB LUCAS LUCAS ADVOCATES 1121 L STREET, SUITE 407 SACRAMENTO, CA 95814

CURT BARRY 717 K STREET, SUITE 503 SACRAMENTO, CA 95814

DANIELLE MATTHEWS SEPERAS CALPINE CORPORATION 1127 11TH STREET, SUITE 242 SACRAMENTO, CA 95814 FOR: CALPINE CORPORATION

DAVID L. MODISETTE EXECUTIVE DIRECTOR CALIFORNIA ELECTRIC TRANSP. COALITION 1107 9TH STREET, STE 540 1015 K STREET, SUITE 200 SACRAMENTO, CA 95814

DEREK WALKER ENVIRONMENTAL DEFENSE FUND SACRAMENTO, CA 95814

DIANA SCHWYZER CALIFORNIA ENERGY COMMISSION 1516 9TH STREET, MS 31 SACRAMENTO, CA 95814

JOSE CARMONA DIRECTOR OF ADVOCACY CEERT 1100 11TH STREET, STE 311 SACRAMENTO, CA 95814 FOR: CENTER FOR ENERGY EFFICIENCY

AND

RENEWABLE TECHNOLOGIES (CEERT)

JUSTIN C. WYNNE ATTORNEY AT LAW BRAU & BLAISING, P.C. 915 L STREET, SUITE 1270 SACRAMENTO, CA 95814

KASSANDRA GOUGH CALPINE CORPORATION 1127 11TH STREET, SUITE 242 SACRAMENTO, CA 95814 FOR: CALPINE CORPORATION

KELLIE SMITH SENATE ENERGY/UTILITIES & COMMUNICATION WOODRUFF EXPERT SERVICES STATE CAPITOL, ROOM 4038 1100 K STREET, SUITE 204 SACRAMENTO, CA 95814

KEVIN WOODRUFF SACRAMENTO, CA 95814

PANAMA BARTHOLOMY ADVISOR TO CHAIR PFANNENSTIEL CALIFORNIA ENERGY COMMISSION 1516 9TH STREET SACRAMENTO, CA 95814

RACHEL MCMAHON DIR. OF REG. AFFAIRS CEERT 1100 11TH STREET, SUITE 311 SACRAMENTO, CA 95814

STEVEN A. LIPMAN STEVEN LIPMAN CONSULTING PRODUCERS 500 N. STREET 1108 SACRAMENTO, CA 95814 FOR: LIPMAN CONSULTING

WEBSTER TASAT AIR RESOURCES BOARD 1001 I STREET SACRAMENTO, CA 95814

EDWARD J. TIEDEMANN ATTORNEY AT LAW KRONICK, MOSKOVITZ, TIEDEMANN & GIRARD CALIFORNIA ENERGY COMMISSION 400 CAPITOL MALL, 27TH FLOOR 1516 9TH STREET, MS-32 SACRAMENTO, CA 95814-4416 SACRAMENTO, CA 95814-5512 FOR: PLACER COUNTY WATER AGENCY & KINGS RIVER CONSERVATION DISTRICT

JOSHUA BUSHINSKY WESTERN POLICY COORDINATOR PEW CENTER ON GLOBAL CLIMATE CHANGE SACRAMENTO MUNICIPAL UTILITY DISTRICT 2101 WILSON BLVD., SUITE 550 ARLINGTON, VA 95816

WILLIAM W. WESTERFIELD III SR. ATTORNEY
SACRAMENTO MUNICIPAL UTILITY DISTRICT SR. ATTORNEY 6201 S STREET SACRAMENTO, CA 95817 FOR: SACRAMENTO MUNICIPAL UTILITY DISTRICT

BALWANT S. PUREWAL

PATRICK STONER PROGRAM DIRECTOR LOCAL GOVERNMENT COMMISSION 1303 J STREET, SUITE 250 SACRAMENTO, CA 95814

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

STEVEN KELLY POLICY DIR., INDEPENDENT ENERGY

1215 K STREET, SUITE 900 SACRAMENTO, CA 95814

LYNN HAUG ELLISON, SCHNEIDER & HARRIS, LLP 2015 H STREET SACRAMENTO, CA 95814-3109 FOR: FUELCELL ENERGY, INC.

LAURIE TEN HOPE ADVISOR TO COMMISSIONER BYRON

OBADIAH BARTHOLOMY MECHANICAL ENGINEER

M.S. B257 6201 S. STREET SACRAMENTO, CA 95817

BUD BEEBE SACRAMENTO MUNICIPAL UTIL DIST MS B257 6201 S STREET SACRAMENTO, CA 95817-1899

DOUGLAS MACMULLLEN

DEPARTMENT OF WATER RESOURCES
3310 EL CAMINO AVE., LL-90 SACRAMENTO, CA 95821

CHIEF, POWER PLANNING SECTION
CA DEPARTMENT OF WATER RESOURCES
3310 FT CAMERIC 333 3310 EL CAMINO AVE., ROOM 356 SACRAMENTO, CA 95821

KAREN NORENE MILLS ATTORNEY AT LAW CALIFORNIA FARM BUREAU FEDERATION 2300 RIVER PLAZA DRIVE SACRAMENTO, CA 95833

KAREN LINDH CALIFORNIA ONSITE GENERATION 7909 WALERGA ROAD, NO. 112, PMB

ELIZABETH W. HADLEY
CITY OF REDDING
777 CYPRESS AVENUE

REDDING, CA 96001

ANTELOPE, CA 95843

ELIZABETH WESTBY ALCANTAR & KAHL, LLP ANNIE STANGE ALCANTAR & KAHL 1300 SW FIFTH AVE., SUITE 1750 PORTLAND, OR 97201

ALEXIA C. KELLY POLICY ANALYST ALCANTAR & KAHL, LLP

1300 SW FIFTH AVENUE, SUITE 1750

PORTLAND, OR 97201

THE CLIMATE TRUST

65 SW YAMHILL STREET, SUITE 400 PORTLAND, OR 97204

ALAN COMNES NRG ENERGY 3934 SE ASH STREET PORTLAND, OR 97214 KYLE SILON ECOSECURITIES CONSULTING LIMITED 529 SE GRAND AVENUE PORTLAND, OR 97214

CATHIE ALLEN CA STATE MGR. PACIFICORP 825 NE MULTNOMAH STREET, SUITE 2000 SALEM, OR 97301-3737 PORTLAND, OR 97232

PHIL CARVER OREGON DEPARTMENT OF ENERGY 625 MARION ST., NE

SAM SADLER OREGON DEPARTMENT OF ENERGY 625 NE MARION STREET SALEM, OR 97301-3737

LISA SCHWARTZ SENIOR ANALYST ORGEON PUBLIC UTILITY COMMISSION PO BOX 2148 SALEM, OR 97308-2148

CLARE BREIDENICH WESTERN POWER TRADING FORUM 224 1/2 24TH AVENUE EAST SEATTLE, WA 98112 FOR: WESTERN POWER TRADING FORUM

DONALD SCHOENBECK RCS, INC. 900 WASHINGTON 52. VANCOUVER, WA 98660 900 WASHINGTON STREET, SUITE 780

JESUS ARREDONDO NRG ENERGY INC. 4600 CARLSBAD BLVD.

CHARLIE BLAIR DELTA ENERGY & ENVIRONMENT 15 GREAT STUART STREET

EDINBURGH, UK EH2 7TP UNITED KINGDOM

.....

THOMAS ELGIE POWEREX CORPORATION 1400, 666 BURRAND ST VANCOUVER, BC V6C 2X8 CANADA

#### **State Service**

CLARENCE BINNINGER DEPUTY ATTORNEY GENERAL DEPARTMENT OF JUSTICE

ADAM LANGTON CALIF PUBLIC UTILITIES COMMISSION ENERGY DIVISION JUDGES AREA 4-A 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

ANDREW CAMPBELL CALIF PUBLIC UTILITIES COMMISSION EXECUTIVE DIVISION ROOM 5203 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

BETH MOORE CALIF PUBLIC UTILITIES COMMISSION CALIF PUBLIC UTILITIES COMMISSION ELECTRICITY PLANNING & POLICY BRANCH ROOM 4103 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214 FOR: DRA

CATHLEEN A. FOGEL CALIF PUBLIC UTILITIES COMMISSION CALIF PUBLIC UTILITIES COMMISSION ENERGY DIVISION JUDGES AREA 4-A 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

DAVID ZONANA DEPUTY ATTORNEY GENERAL CALIFORNIA ATTORNEY GENERAL'S

455 GOLDEN GATE AVENUE, SUITE 11000 455 GOLDEN GATE AVENUE, SUITE 11000 SAN FRANCISCO, CA 94102 SAN FRANCISCO, CA 94102

AMY C. YIP-KIKUGAWA CALIF PUBLIC UTILITIES COMMISSION DIVISION OF ADMINISTRATIVE LAW

ROOM 2106 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

ANNE GILLETTE CALIF PUBLIC UTILITIES COMMISSION ENERGY DIVISION AREA 4-A 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

BISHU CHATTERJEE ENERGY DIVISION AREA 4-A 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

CHARLOTTE TERKEURST DIVISION OF ADMINISTRATIVE LAW

ROOM 5117 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214 CHRISTINE S. TAM CHRISTINE S. TAM DONALD R. SMITH
CALIF PUBLIC UTILITIES COMMISSION CALIF PUBLIC UTILITIES COMMISSION ELECTRICITY PLANNING & POLICY

BRANCH ELECTRICITY PLANNING & POLICY BRANCH ROOM 4209 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

ED MOLDAVSKY CALIF PUBLIC UTILITIES COMMISSION LEGAL DIVISION ROOM 5037 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

EUGENE CADENASSO CALIF PUBLIC UTILITIES COMMISSION ENERGY DIVISION AREA 4-A 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

JACLYN MARKS CALIF PUBLIC UTILITIES COMMISSION ENERGY DIVISION GAS BRA AREA 4-A 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

JAMIE FORDYCE CALIF PUBLIC UTILITIES COMMISSION POLICY & PLANNING DIVISION AREA 5-B 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

JEORGE S. TAGNIPES CALIF PUBLIC UTILITIES COMMISSION ENERGY DIVISION AREA 4-A 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

JONATHAN J. REIGER CALIF PUBLIC UTILITIES COMMISSION LEGAL DIVISION JUDGES ROOM 5035 505 VAN NESS AVENUE

DONALD R. SMITH CALIF PUBLIC UTILITIES COMMISSION

ROOM 4209 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

ELIZABETH STOLTZFUS CALIF PUBLIC UTILITIES COMMISSION ENERGY DIVISION AREA 4-A 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

HARVEY Y. MORRIS CALIF PUBLIC UTILITIES COMMISSION LEGAL DIVISION ROOM 5036 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

JACQUELINE GREIG CALIF PUBLIC UTILITIES COMMISSION ENERGY COST OF SERVICE & NATURAL

ROOM 4102 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

JASON R. SALMI KLOTZ CALIF PUBLIC UTILITIES COMMISSION ENERGY DIVISION AREA 4-A 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

JOEL T. PERLSTEIN CALIF PUBLIC UTILITIES COMMISSION LEGAL DIVISION ROOM 5133 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

JONATHAN LAKRITZ CALIF PUBLIC UTILITIES COMMISSION DIVISION OF ADMINISTRATIVE LAW

ROOM 5020 505 VAN NESS AVENUE

SAN FRANCISCO, CA 94102-3214 SAN FRANCISCO, CA 94102-3214

JUDITH IKLE CALIF PUBLIC UTILITIES COMMISSION ENERGY DIVISION ROOM 4012 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214 FOR: ENERGY RESOURCES BRANCH

JULIE A. FITCH CALIF PUBLIC UTILITIES COMMISSION POLICY & PLANNING DIVISION ROOM 5119 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

KRISTIN RALFF DOUGLAS CALIF PUBLIC UTILITIES COMMISSION

POLICY & PLANNING DIVISION

POLICY & PLANNING DIVISION

POLICY & PLANNING DIVISION ROOM 5119 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

LAINIE MOTAMEDI ROOM 5119 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

LANA TRAN CALIF PUBLIC UTILITIES COMMISSION ELECTRIC GENERATION PERFORMANCE BRANCH EXECUTIVE DIVISION AREA 2-D 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

MATTHEW DEAL CALIF PUBLIC UTILITIES COMMISSION ROOM 5215 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

MICHAEL COLVIN CALIF PUBLIC UTILITIES COMMISSION CALIF PUBLIC UTILITIES COMMISSION POLICY & PLANNING DIVISION ROOM 5119 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

PAMELA WELLNER ENERGY DIVISION AREA 4-A 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

PAUL S. PHILLIPS CALIF PUBLIC UTILITIES COMMISSION ELECTRICITY PLANNING & POLICY BRANCH GAS BRA ROOM 4101 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

PEARLIE SABINO CALIF PUBLIC UTILITIES COMMISSION ENERGY COST OF SERVICE & NATURAL

RAHMON MOMOH CALIF PUBLIC UTILITIES COMMISSION ELECTRICITY PLANNING & POLICY BRANCH ROOM 4205 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

ROOM 4209 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

SARA M. KAMINS CALIF PUBLIC UTILITIES COMMISSION ENERGY DIVISION AREA 4-A

RICHARD A. MYERS CALIF PUBLIC UTILITIES COMMISSION ENERGY DIVISION AREA 4-A 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

SCOTT MURTISHAW CALIF PUBLIC UTILITIES COMMISSION ENERGY DIVISION AREA 4-A

505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

SEAN A. SIMON CALIF PUBLIC UTILITIES COMMISSION ENERGY DIVISION AREA 4-A 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

THERESA CHO CALIF PUBLIC UTILITIES COMMISSION EXECUTIVE DIVISION ROOM 5207 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

BILL LOCKYER STATE ATTORNEY GENERAL
STATE OF CALIFORNIA, DEPT OF JUSTICE SACRAMENTO, CA 94244-2550 CALIFORNIA

JUDITH B. SANDERS ATTORNEY AT LAW CALIFORNIA INDEPENDENT SYSTEM OPERATOR CALIFORNIA INDEPENDENT SYSTEM OPERATOR 151 BLUE RAVINE ROAD FOLSOM, CA 95630 FOR: CAISO

PHILIP D. PETTINGILL LEGAL & REG. DEPT. CALIFORNIA INDEPENDENT SYSTEM OPERATOR CALIFORNIA AIR RESOURCES BOARD 151 BLUE RAVINE ROAD FOLSOM, CA 95630 FOR: CAISO

GARY COLLORD STATIONARY SOURCE DIVISION AIR RESOURCES BOARD 1001 I STREET, PO BOX 2815 SACRAMENTO, CA 95812

PAM BURMICH AIR RESOURCES BOAD 1001 I STREET, BOX 2815 SACRAMENTO, CA 95812

505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

STEVE ROSCOW CALIF PUBLIC UTILITIES COMMISSION ENERGY DIVISION AREA 4-A 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

ZACH CHURCH CALIF PUBLIC UTILITIES COMMISSION EXECUTIVE DIVISION ROOM 2252 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

KEN ALEX PO BOX 944255 1300 I STREET, SUITE 125 SACRAMENTO, CA 94244-2550 FOR: PEOPLE OF THE STATE OF

MARY MCDONALD DIRECTOR OF STATE AFFAIRS

151 BLUE RAVINE ROAD FOLSOM, CA 95630 FOR: CAISO

MICHAEL SCHEIBLE DEPUTY EXECUTIVE OFFICER 1001 I STREET SACRAMENTO, CA 95677 FOR: CALIFORNIA AIR RESOURCES BOARD

JEFFREY DOLL CALIFORNIA AIR RESOURCES BOARD PO BOX 2815 1001 I STREET SACRAMENTO, CA 95812

DARYL METZ CALIFORNIA ENERGY COMMISSION 1516 9TH ST., MS-20 SACRAMENTO, CA 95814

DEBORAH SLON DEPUTY ATTORNEY GENERAL, ENVIRONMENT
OFFICE OF THE ATTORNEY GENERAL PROGRAMS BRA 1300 I STREET, 15TH FLOOR SACRAMENTO, CA 95814

KAREN GRIFFIN EXECUTIVE OFFICE CALIFORNIA ENERGY COMMISSION 1516 9TH STREET, MS 39 SACRAMENTO, CA 95814

MARC PRYOR CALIFORNIA ENERGY COMMISSION 1516 9TH ST., MS-20 SACRAMENTO, CA 95814

PAT PEREZ ASST. DIRECTOR CALIFORNIA ENERGY COMMISSION 1516 NINTH STREET, MS 39 SACRAMENTO, CA 95814 FOR: CALIFORNIA ENERGY COMMISSION

WADE MCCARTNEY CALIF PUBLIC UTILITIES COMMISSION POLICY & PLANNING DIVISION 770 L STREET, SUITE 1050 SACRAMENTO, CA 95814

HEATHER LOUIE SACRAMENTO, CA 95818

HOLLY B. CRONIN STATE WATER PROJECT OPERATIONS DIV CALIFORNIA DEPARTMENT OF WATER RESOURCES CALIFORNIA ENERGY COMMISSION 3310 EL CAMINO AVE., LL-90 SACRAMENTO, CA 95821

DON SCHULTZ CALIF PUBLIC UTILITIES COMMISSION ENERGY PRICING AND CUSTOMER

770 L STREET, SUITE 1050 SACRAMENTO, CA 95814

LISA DECARLO STAFF COUNSEL CALIFORNIA ENERGY COMMISSION 1516 9TH STREET MS-14 SACRAMENTO, CA 95814

> MELISSA JONES EXECUTIVE DIRECTOR CALIFORNIA ENERGY COMMISSION 1516 9TH STREET, MS-39 SACRAMENTO, CA 95814 FOR: CALIFORNIA ENERGY COMMISSION

PIERRE H. DUVAIR CALIFORNIA ENERGY COMMISSION 1516 NINTH STREET, MS-41 SACRAMENTO, CA 95814

NANCY TRONAAS CALIFORNIA ENERGY COMMISSION 1516 9TH ST. MS-20 SACRAMENTO, CA 95814-5512

CAROL J. HURLOCK CALIFORNIA ENERGY COMMISSION

CALIFORNIA DEPT. OF WATER RESOURCES
1516 9TH STREET, MS-45

JOINT OPERATIONS CENTER
3310 FL CAMINO AVE. PM 300 3310 EL CAMINO AVE. RM 300 SACRAMENTO, CA 95821

> ROSS A. MILLER ELECTRICITY ANALYSIS OFFICE 1516 9TH STREET MS 20 SACRAMENTO, CA 96814-5512 FOR: CALIFORNIA ENERGY COMMISSION