



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

FILED

11-22-10
04:59 PM

Order Instituting Rulemaking to Consider)
Smart Grid Technologies Pursuant to Federal) Rulemaking 08-12-009
Legislation and on the Commission's own) (Filed March 5, 2010)
Motion to Actively Guide Policy in California's)
Development of a Smart Grid System.)

**JOINT OPENING BRIEF OF VERIZON AND
PACIFIC BELL TELEPHONE COMPANY (U 1001 C) d/b/a
AT&T CALIFORNIA ON THE OCTOBER 29, 2010
ADMINISTRATIVE LAW JUDGE'S RULING ESTABLISHING A BRIEFING CYCLE
CONCERNING THE COMMISSION'S AUTHORITY OVER ENTITIES RECEIVING
DATA ON A CUSTOMER'S ELECTRICITY USAGE**

STEPHANIE HOLLAND
Attorney for AT&T California
525 Market Street, Room 2026
San Francisco, CA 94105
Telephone: (415) 778-1465
Facsimile: (415) 543-0418
stephanie.holland@att.com

ELAINE M. DUNCAN
RUDOLPH M. REYES
711 Van Ness Avenue, Suite 300
San Francisco, CA 94102
Tel: (415) 474-0468
Fax: (415) 474-6546
rudy.reyes@verizon.com

November 22, 2010

TABLE OF CONTENTS

	<u>PAGE</u>
I. INTRODUCTION.....	1
II. ARGUMENT.....	2

TABLE OF AUTHORITIES

Federal Decisions

<i>Implementing the National Broadband Plan by Empowering Consumers and the Smart Grid: Data Access, Third Party Use, and Privacy, Request for information, 75 Fed. Reg. 26203 (May 11, 2010)</i>	5
<i>Hartwell Corp. v. Superior Court, 27 Cal. 4th 256, 281 (Cal. Sup. Ct. 2002)</i>	6,7,8
<i>PG&E Corp. v. PUC, 118 Cal. App. 4th 1174, (Cal. App. 1st Dist. 2004).</i> ...	5,6,7,

Statutes and Regulations

Cal. Pub. Util. Code § 394.1	5
Cal. Pub. Util. Code § 701	3,5,7
Cal. Pub. Util. Code § 8380	6
Cal. Pub. Util. Code § 8380 (b)(1).....	6
Cal. Pub. Util. Code § 8380 (c)	6
Cal. Pub. Util. Code § 8380 (e)	6
Cal. Pub. Util. Code § 8380 (e)(2).....	6
Cal. Pub. Util. Code § 8381	6
Cal. Pub. Util. Code § 8381 (b)(1).....	6
Cal. Pub. Util. Code § 8381 (e)	6

Other Authorities

American Association of Advertising Agencies, Association of National Advertisers, Direct Marketing association, Interactive Advertising Bureau, and Council of Better Business Bureaus, Self-Regulatory Principles for Online Behavioral Advertising (July 2009) available at http://www.iab.net/media/file/ven-principles-07-01-09.pdf	4
BBB Advertising Review Services, available at http://www.bbb.org/us/Advertising-Review-Services/	4

CTIA Best Practices and Guidelines for Location-Based Services, April 2, 2008, available at http://files.ctia.org/pdf/CTIA_LBS_BestPracticesandGuidelines_04_08.pdf	4
http://www.ftc.gov/privacy/index.htm	4
Senate Bill 1476	3,6,7,8
Verizon comments filed with the U.S. Department of Energy regarding data and privacy, available at http://www.gc.energy.gov/documents/Verizon_Comments_DataAccess.pdf	5

Verizon California Inc. (U 1002 C), MCI Communications Services Inc. d/b/a Verizon Business Services (U 5378 C), and Verizon Wireless¹ (collectively “Verizon”) and Pacific Bell Telephone Company (U 1001 C) d/b/a AT&T California (“AT&T”) file this Joint Opening Brief pursuant to the October 29, 2010 *Administrative Law Judge’s Ruling Establishing a Briefing Cycle Concerning the Commission’s Authority over Entities Receiving Data on a Customer’s Electricity Usage*.

I.

INTRODUCTION

Smart grid technology holds tremendous promise for empowering consumers to make better decisions about their energy usage. Because effective communications networks will be central to the success of smart grid technology, Verizon and AT&T are working closely with utilities, the developers of energy management systems, and others to use its extensive wireline and wireless broadband networks and related expertise to quickly and efficiently realize the promise of smart grid technology. Verizon and AT&T thus appreciate the opportunity to address the ALJ’s question regarding the scope of the Commission’s authority to make and enforce privacy rules regarding consumers’ energy usage data, as the answer will necessarily impact the Commission’s policy determinations in this important field.

¹ Verizon Wireless is the d/b/a for the following entities doing business as Verizon Wireless in California: Cellco Partnership (U-3001-C), California RSA No.4 Limited Partnership (U-3038-C), Fresno MSA Limited Partnership (U-3005-C), GTE Mobilnet of California Limited Partnership (U-3002-C), GTE Mobilnet of Santa Barbara Limited Partnership (U-3011-C), Los Angeles SMSA Limited Partnership (U3003- C), Modoc RSA Limited Partnership (U-3032-C), Sacramento Valley Limited Partnership (U-3004C), Verizon Wireless (VAW) LLC (U-3029-C), and WWC License L.L.C. (U-3025-C).

Although the ALJ frames the question depending on whether consumer data is received “from the utility” (e.g., pursuant to a contract with the electrical or gas corporation) or “from sources other than the utility” (e.g., directly from the consumer),² Verizon and AT&T respectfully recommend that the Commission utilize whatever authority it has in a competitively and technologically neutral manner with the ultimate goals of ensuring that all consumers—regardless of provider—have:

- (1) Broad, nondiscriminatory access to data concerning their home energy usage;
- (2) The ability to share such data with the provider of their choice;
- (3) Simple, clear privacy information about what data is being collected by whom, the purposes for which it is used, and with whom it is shared; and
- (4) Ready access to effective tools that allow consumers to control the use of this data.

The Commission is not in a position where it can achieve these goals solely by regulatory mandate³ since, as discussed below, the Commission lacks plenary

² The specific questions that the ALJ seeks comment on are:

1) What authority does the Commission have over entities that receive information on a consumer's energy usage from the utility? What actions, if any, can the Commission take in response to misuse of data by such an entity?

2) What authority, if any, does the Commission have over entities that receive information on a consumer's energy usage from sources other than the utility (from a Home Area Network device or from the customer, for example)? What actions, if any, can the Commission take in response to misuse of data by such an entity?

³ Nor should the Commission adopt overly detailed privacy rules such as those proposed by CDT/EFF, DRA and TURN, given existing legal and regulatory protections and the importance of avoiding overly prescriptive, ex ante rules that limit innovation and consumer choice, as previously discussed. See Verizon Reply Comments on the September 27, 2010 Assigned Commissioner Ruling (“Verizon Reply”) at 2, 6, 7, and 9; Reply Comments of TechNet and The State Privacy and Security Coalition to Opening Responses to September 27, 2010 Assigned Commissioner’s Ruling Regarding Privacy and Security at 2 and 11; and Reply Comments of Pacific Bell Telephone Company d/b/a AT&T California (U 1001 C) To The Parties’ Opening Comments On The September 27, 2010 Assigned Commissioner’s Ruling Regarding Privacy & Security at 1-2. In addition, as discussed below, the development of self regulatory principles could be considered should any legal and regulatory gaps be identified.

rulemaking and enforcement authority over the broad range of third parties providing energy management services directly to consumers. And though the Commission possesses broader regulatory authority over public utilities under section 701 of the California Public Utilities Code, the Commission should avoid an outcome where it, along with forty-nine other state public utilities commissions, impose a patchwork of competing privacy rules solely on a narrow subset of providers over which they have jurisdiction. Failure to treat all providers in a competitively neutral manner risks distorting the powerful economic incentives that are poised to unleash tremendous consumer and environmental benefits in the nascent smart grid market.⁴ It would also impose unknown and unnecessary costs and compliance challenges on third-party providers working with utilities in multiple states to provide smart grid services to consumers.

Instead, as this new market develops, the Commission should limit its actions to ensuring compliance with existing privacy laws such as the recently enacted SB 1476, while promoting innovation, experimentation, and competition from a variety of utility and non-utility providers. SB 1476 advances each of the goals enumerated above and, thus, the Commission to a large extent can rely on SB 1476 without the need for additional privacy rules at this time. Moreover, at the federal level, the FTC has enforcement authority to ensure that companies live up to their Privacy policy commitments. On its website, the FTC notes that, “[u]nder the FTC Act, the

⁴ For example, the Commission should not stymie one set of competitors, e.g., regulated public utilities, with burdensome rules that cannot (and should not) be applied to all competitors. Conversely, the Commission should not grant utilities and their contractors special rights that are not accorded to all competitors, e.g., CDT/EFF's proposal permitting only regulated utilities and their contractors to use and share consumer data for “primary purposes” without obtaining affirmative customer consent. See *Verizon Reply*, citing draft definitions of “covered entity” and “primary purpose” contained in CDT/EFF's October 15, 2010 proposal at Appendix A, p. 1.

Commission guards against unfairness and deception by enforcing companies' privacy promises about how they collect, use and secure consumers' personal information."⁵ To the extent there are gaps in existing legal and regulatory protections, particularly with respect to third parties, the development of common sense, self-regulatory principles capable of widespread and uniform adoption is something that could be considered. The focus of the principles should be the protection of consumer data, not the technology or applications that happen to enable the data collection. Such a result would enhance the public trust, address expressed privacy concerns, and serve as a foundation for further discussion with policy makers and consumer groups.

Similar, effective self-regulatory principles have been developed in other areas as a complement to existing laws. Examples include the BBB Advertising Review Services,⁶ the CTIA Best Practices and Guidelines for Location-Based Services,⁷ and the Self-Regulatory Principles for Online Behavioral Advertising.⁸ Programs such as these leverage the particular expertise of industry players who understand not only the way in which consumer information is collected and used but also what controls can best afford consumer privacy protection while allowing market and technical innovations to continue. Self-regulation also offers greater

⁵ <http://www.ftc.gov/privacy/index.html>

⁶ BBB Advertising Review Services, available at <http://www.bbb.org/us/Advertising-Review-Services/>.

⁷ CTIA Best Practices and Guidelines for Location-Based Services, April 2, 2008, available at http://files.ctia.org/pdf/CTIA_LBS_BestPracticesandGuidelines_04_08.pdf.

⁸ American Association of Advertising Agencies, Association of National Advertisers, Direct Marketing association, Interactive Advertising Bureau, and Council of Better Business Bureaus, Self-Regulatory Principles for Online Behavioral Advertising (July 2009) available at <http://www.iab.net/media/file/ven-principles-07-01-09.pdf>.

flexibility for the industry to respond effectively to new privacy concerns, helping consumers avoid emerging threats. Significantly, as development and deployment moves forward, the Commission retains the authority to consider additional rulemaking or to seek further legislation that meets consumers' reasonable privacy expectations while allowing for continued innovation by all providers.⁹

II.

ARGUMENT

Although the Commission has broad authority to “supervise and regulate every *public utility* in the State,”¹⁰ the Commission’s regulatory authority over entities that are *not* public utilities (hereafter, “third parties”) is quite limited. The leading case on the subject, *PG&E Corp. v. PUC*, holds that the Commission may exercise “limited jurisdiction” over third parties in only two scenarios:

- *First*, when specifically authorized by the Legislature, such as the authority granted to the Commission to establish a registration process for “energy service providers” under section 394.1.¹¹
- *Second*, when acting under its general section 701 authority, only to the extent Commission’s action is “cognate and germane”¹² to the

⁹ The U.S. Department of Energy has stated that smart grid policies should “encourage and accommodate unpredicted innovations while making usage data reasonably available to those who should have it and respecting consumers’ reasonable interests in choosing how to balance the benefits of access against the protection of personal privacy and security.” *Implementing the National Broadband Plan by Empowering Consumers and the Smart Grid: Data Access, Third Party Use, and Privacy*, Request for information, 75 Fed. Reg. 26203 (May 11, 2010). See also Verizon comments filed with the U.S. Department of Energy regarding data and privacy, available at http://www.gc.energy.gov/documents/Verizon_Comments_DataAccess.pdf.

¹⁰ Cal. Pub. Util. Code § 701 (emphasis added). The full text of the statute reads: (“The commission may supervise and regulate every public utility in the State and may do all things, whether specifically designated in this part or in addition thereto, which are necessary and convenient in the exercise of such power and jurisdiction.”) All “section” references are to the Pub. Util. Code unless otherwise stated.

¹¹ [PG&E Corp. v. PUC](#), 118 Cal. App. 4th 1174, *1197 (Cal. App. 1st Dist. 2004).

¹² [Id.](#) at *1201.

“PUC’s performance of its *regulatory* duties, duties which by constitutional mandate apply only to regulated utilities.”¹³

The *first* scenario is relevant here given the enactment of SB 1476. That legislation prohibits utilities to “share, disclose or otherwise make accessible to any third party a customer’s electrical or gas consumption data” absent a contractual requirement with the third party to “implement and maintain reasonable security procedures and practices appropriate to the nature of the information” and to “protect the personal information from unauthorized access, destruction, use, modification, or disclosure.”¹⁴ Those are the privacy rules the Legislature adopted after much deliberation and with overwhelming bipartisan support; SB 1476 defines the limits of the Commission’s authority over third parties.

The Commission should resist calls to assert its section 701 powers, the *second* scenario discussed above, in an attempt to adopt additional privacy rules for third parties that go beyond, or are otherwise inconsistent with, the “express legislative directives”¹⁵ of SB 1476. For example, DRA would prohibit third parties from even being allowed to seek customer consent to the use of personal data for “secondary commercial purposes,” contrary to the plain language of SB 1476.¹⁶ In addition, DRA would impose new certification and reporting requirements on third

¹³ *Id.* at *1200 (emphasis in original), quoting [Hartwell Corp. v. Superior Court, 27 Cal. 4th 256, 281 \(Cal. Sup. Ct. 2002\)](#).

¹⁴ Pub. Util. Code § 8380, subds. (b)(1), (e). See also *id.* at § 8381, subds. (b)(1), (e). SB 1476 also prohibits the utility or the third party from using customer data for “secondary commercial purposes” absent customer disclosure and consent. See *id.* at § 8380, subds. (c), (e)(2).

¹⁵ [PG&E Corp. v. PUC, 118 Cal. App. 4th 1174, *1199](#).

¹⁶ See *supra* at note 13, citing Pub. Util. Code § 8380, subds. (c), (e)(2) (prohibiting the utility or the third party from using customer data for “secondary commercial purposes” absent customer disclosure and consent).

parties that have no basis in SB 1476.¹⁷ Such proposals exceed the Commission's authority over third parties and should not be adopted.

As the court in *PG&E Corp. v. PUC* held, “the primary limiting factor on PUC jurisdiction is that the PUC’s action must be cognate and germane to utility *regulation*.”¹⁸ The Commission may not use its section 701 authority “to regulate every person or entity that does business with public utilities.”¹⁹ Nor may the Commission assert broad “enforcement authority” over third parties “simply because it has the power to approve certain transactions involving public utilities [and the third parties] subject to conditions.”²⁰ On the contrary, the Commission’s actions with respect to third parties must relate directly to the “PUC’s performance of its *regulatory* duties, duties which by constitutional mandate apply only to regulated utilities.”²¹ The Commission cannot, for example, claim broad third-party rulemaking authority over “privacy issues” merely because it is addressing such issues for regulated public utilities in this proceeding. The California Supreme Court has previously rejected such an “issue oriented analysis” to determine which matters are

¹⁷ See DRA Reply Comments on the September 27, 2010 ACR Soliciting Input on Smart Grid Privacy (Nov. 8, 2010) at 2, 9 (“The Commission has jurisdiction to establish and enforce privacy rules for third parties not in contract with utilities that desire access to customer energy usage data, and may require registration/certification of third parties.”) See also DRA Comments on the September 27, 2010 ACR Soliciting Input on Smart Grid Privacy (Oct. 15, 2010) at 11–12 (“the Commission should require the third party to provide the utility with data explaining how many customers have signed up with the third party and how often customer data is being accessed.”)

¹⁸ [PG&E Corp. v. PUC, 118 Cal. App. 4th 1174, *1201](#) (emphasis in original).

¹⁹ [Id.](#)

²⁰ [Id.](#)

²¹ [PG&E Corp. v. PUC, 118 Cal. App. 4th 1174, at *1200](#) (emphasis in original), quoting [Hartwell Corp. v. Superior Court, 27 Cal. 4th 256, 281 \(Cal. Sup. Ct. 2002\)](#).

“cognate and germane to utility regulation” and thus properly within the scope of section 701.²²

Although section 701 provides the Commission with greater rulemaking authority with respect to regulated public utilities, the Commission should decline to exercise that authority at this time in reliance on the principles of competitive and technological neutrality previously discussed. Instead of prematurely attempting to expand the scope of SB 1476 with additional rulemaking, the Commission should monitor the smart grid market for specific privacy concerns to determine whether existing privacy laws and regulations adequately address any concerns. To the extent any gaps are identified, the development of effective self-regulatory principles could be considered, and the Commission retains the authority to seek additional legislative guidance and rulemaking authority as needed. This would be the most effective approach towards achieving our shared goals of innovation and consumer privacy protection in the smart grid context.

November 22, 2010

Respectfully submitted,



/s/ Rudolph M. Reyes
RUDOLPH M. REYES

Attorney for Verizon
711 Van Ness Avenue, Suite 300
San Francisco, CA 94102
Tel: (415) 749-5539
Fax: (415) 474-6546
rudolph.reyes@verizon.com

²² [Hartwell Corp. v. Superior Court, 27 Cal. 4th 256, 281 \(Cal. Sup. Ct. 2002\).](#)

CERTIFICATE OF SERVICE

I hereby certify that: I am over the age of eighteen years and not a party to the within entitled action; my business address is 2535 W. Hillcrest Drive, Newbury Park, California 91320; I have this day served a copy of the foregoing, **JOINT OPENING BRIEF OF VERIZON AND PACIFIC BELL TELEPHONE COMPANY (U 1001 C) d/b/a AT&T CALIFORNIA ON THE OCTOBER 29, 2010 ADMINISTRATIVE LAW JUDGE'S RULING ESTABLISHING A BRIEFING CYCLE CONCERNING THE COMMISSION'S AUTHORITY OVER ENTITIES RECEIVING DATA ON A CUSTOMER'S ELECTRICITY USAGE** by electronic mail to those who have provided an e-mail address and by U.S. Mail to those who have not, on the service list.

I declare under penalty of perjury that the foregoing is true and correct.
Executed this 22nd day of November, 2010 at Newbury Park, California.

/s/ JACQUE LOPEZ
JACQUE LOPEZ

Service List: R.08-12-009



California Public
Utilities Commission

CPUC Home

CALIFORNIA PUBLIC UTILITIES COMMISSION

Service Lists

PROCEEDING: R0812009 - CPUC - OIR TO CONSID
FILER: CPUC
LIST NAME: LIST
LAST CHANGED: NOVEMBER 5, 2010

[DOWNLOAD THE COMMA-DELIMITED FILE](#)
[ABOUT COMMA-DELIMITED FILES](#)

[Back to Service Lists Index](#)

Parties

MARTIN HOMEC
 EMAIL ONLY
 EMAIL ONLY, CA 00000-0000
 FOR: CARE

CARL GUSTIN
 GROUNDEDPOWER, INC.
 15 PLUM STREET
 GLOUCESTER, MA 01930
 FOR: GROUNDEDPOWER, INC.

VLADIMIR OKSMAN
 LANTIQ INC.
 67 CULFORD PLACE
 MORGANVILLE, NJ 07751
 FOR: LANTIQ INC.

JOSEPH ANDERSEN
 CONSULTANT
 TELECOMMUNICATIONS INDUSTRY ASSOCIATION
 10 G ST. NE, SUITE 550
 WASHINGTON, DC 20002
 FOR: TELECOMMUNICATIONS INDUSTRY
 ASSOCIATION

JEFF CAMPBELL
 CISCO SYSTEMS
 1300 PENNSYLVANIA AVE., N.W., STE. 250
 WASHINGTON, DC 20004
 FOR: CISCO SYSTEMS

DEAN R. BRENNER
 QUALCOMM INCORPORATED
 1730 PENNSYLVANIA AVE., N.W., STE. 850
 WASHINGTON, DC 20006
 FOR: QUALCOMM INCORPORATED

LILLIE CONEY
 ASSOCIATE DIRECTOR
 ELECTRONIC PRIVACY INFORMATION CENTER
 1718 CONNECTICUT AVE., NW SUITE 200
 WASHINGTON, DC 20009
 FOR: ELECTRONIC PRIVACY INFORMATION
 CENTER

MICHAEL SACHSE
 OPOWER
 1515 N. COURTHOUSE RD., SUITE 610
 ARLINGTON, VA 22201
 FOR: OPOWER

CAMERON BROOKS
TENDRIL NETWORKS, INC.
5395 PEARL PARKWAY
BOULDER, CO 80304
FOR: TENDRIL NETWORKS, INC.

STEVEN D. PATRICK
SAN DIEGO GAS AND ELECTRIC COMPANY
555 WEST FIFTH STREET, SUITE 1400
LOS ANGELES, CA 90013-1011
FOR: SOUTHERN CALIFORNIA GAS COMPANY

NORMAN A. PEDERSEN
HANNA AND MORTON LLP
444 S FLOWER ST., SUITE 1500
LOS ANGELES, CA 90071-2916
FOR: SOUTHERN CALIFORNIA PUBLIC POWER
AUTHORITY

STEVEN G. LINS
ASSISTANT GENERAL MANAGER SUPPLY
GLENDALE WATER AND POWER
141 N. GLENDALE AVENUE, LEVEL 4
GLENDALE, CA 91206-4394
FOR: GLENDALE WATER POWER

DANIEL W. DOUGLASS
DOUGLASS & LIDDELL
21700 OXNARD STREET, SUITE 1030
WOODLAND HILLS, CA 91367
FOR: WESTERN POWER TRADING
FORUM/ALLIANCE FOR RETAIL ENERGY
MARKETS (AREM)

XAVIER BALDWIN
BURBANK POWER & WATER
164 WEST MAGNOLIA BLVD.
BURBANK, CA 91502
FOR: BURBANK POWER & WATER

KRIS G. VYAS
SOUTHERN CALIFORNIA EDISON COMPANY
QUAD 3-B
2244 WALNUT GROVE AVENUE
ROSEMEAD, CA 91770
FOR: SOUTHERN CALIFORNIA EDISON COMPANY

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

LEE BURDICK
ATTORNEY AT LAW
HIGGS, FLETCHER & MACK LLP
401 WEST A STREET, STE. 2600
SAN DIEGO, CA 92101
FOR: HIGGS FLETCHER & MACK

DONALD C. LIDDELL
DOUGLASS & LIDDELL
2928 2ND AVENUE
SAN DIEGO, CA 92103
FOR: CALIFORNIA ENERGY STORAGE
ALLIANCE/ WAL-MART STORES, INC. & SAM'S
WEST, INC./ICE ENERGY, INC.

MICHAEL SHAMES
UTILITY CONSUMERS' ACTION NETWORK
3100 FIFTH AVENUE, SUITE B
SAN DIEGO, CA 92103
FOR: UTILITY CONSUMERS' ACTION NETWORK

CHARLES R. TOCA
UTILITY SAVINGS & REFUND, LLC
PO BOX 54346
IRVINE, CA 92619-4346
FOR: UTILITY SAVINGS & REFUND, LLC

ROBERT SMITH, PH.D.
BUILDING INFORMATION MODEL-CALIFORNIA
21352 YARMOUTH LANE
HUNTINGTON BEACH, CA 92646-7058
FOR: BUILDING INFORMATION
MODEL-CALIFORNIA (BIM EDUCATION CO-OP)

MONA TIERNEY-LLOYD
SENIOR MANAGER WESTERN REG. AFFAIRS
ENERNOC, INC.
PO BOX 378
CAYUCOS, CA 93430
FOR: ENEROC, INC

EDWARD G. CAZALET
VP AND CO-FOUNDER
MEGAWATT STORAGE FARMS, INC.
101 FIRST STREET, SUITE 552

MICHAEL TERRELL
GOOGLE INC.
1600 AMPHITHEATRE PKWY
MOUNTAIN VIEW, CA 94043

LOS ALTOS, CA 94022
FOR: MEGAWATT STORAGE FARMS, INC.

FOR: GOOGLE INC.

MARC D. JOSEPH
ADAMS BROADWELL JOSEPH & CARDOZO
601 GATEWAY BLVD. STE 1000
SOUTH SAN FRANCISCO, CA 94080
FOR: COALITION OF CALIFORNIA UTILITY
EMPLOYEES

COLLIN BREAKSTONE
CONTROL4 CORPORATION
800 W. CALIFORNIA AVENUE, SUITE 300
SUNNYVALE, CA 94086
FOR: CONTROL4 CORPORATION

ELAINE M. DUNCAN
VERIZON CALIFORNIA, INC.
711 VAN NESS AVENUE, SUITE 300
SAN FRANCISCO, CA 94102
FOR: VERIZON CALIFORNIA, INC./MCI
COMMUNICATIONS D/B/A/ VERIZON BUSINESS
SERVICES/VERIZON WIRELESS

FIELD PICKERING
ENERGYHUB, INC.
760 MARKET STREET, SUITE 1028
SAN FRANCISCO, CA 94102
FOR: ENERGYHUB, INC.

MARGARITA GUTIERREZ
DEPUTY CITY ATTORNEY
OFFICE OF SF CITY ATTORNEY
1 DR. CARLTON B. GOODLETT PLACE, RM. 234
SAN FRANCISCO, CA 94102
FOR: CITY & COUNTY OF SAN FRANCISCO

LISA-MARIE SALVACION
CALIF PUBLIC UTILITIES COMMISSION
LEGAL DIVISION
ROOM 4107
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214
FOR: DRA

FRASER D. SMITH
CITY AND COUNTY OF SAN FRANCISCO
SAN FRANCISCO PUBLIC UTILITIES COMM
1155 MARKET STREET, 4TH FLOOR
SAN FRANCISCO, CA 94103
FOR: SAN FRANCISCO PUBLIC UTILITIES
COMMISSION

SANDRA ROVETTI
REGULATORY AFFAIRS MANAGER
SAN FRANCISCO PUC
1155 MARKET STREET, 4TH FLOOR
SAN FRANCISCO, CA 94103
FOR: SAN FRANCISCO PUC

THERESA BURKE
SAN FRANCISCO PUC
1155 MARKET STREET, 4TH FLOOR
SAN FRANCISCO, CA 94103
FOR: SAN FRANCISCO PUC

MARCEL HAWIGER
THE UTILITY REFORM NETWORK
115 SANSOME STREET, SUITE 900
SAN FRANCISCO, CA 94104
FOR: TURN

MARTY KURTOVICH
CHEVRON ENERGY SOLUTIONS
345 CALIFORNIA STREET, 18TH FLOOR
SAN FRANCISCO, CA 94104
FOR: CHEVRON ENERGY SOLUTIONS

CHRISTOPHER J. WARNER
ATTORNEY AT LAW
PACIFIC GAS AND ELECTRIC COMPANY
77 BEALE STREET B30A
SAN FRANCISCO, CA 94105
FOR: PACIFIC GAS AND ELECTRIC COMPANY

DAVID P. DISCHER
ATTORNEY
AT&T SERVICES, INC
525 MARKET ST., RM. 2027
SAN FRANCISCO, CA 94105
FOR: AT&T SERVICES, INC.

NORA SHERIFF
ALCANTAR & KAHL
33 NEW MONTGOMERY STREET, SUITE 1850
SAN FRANCISCO, CA 94105
FOR: EPUC

HAROLD GALICER
SEAKAY, INC.
PO BOX 78192
SAN FRANCISCO, CA 94107
FOR: SEAKAY, INC.

PETER A. CASCIATO
ATTORNEY AT LAW
PETER A. CASCIATO P.C.
355 BRYANT STREET, SUITE 410
SAN FRANCISCO, CA 94107
FOR: TIME WARNER CABLE INFORMAT SERVICE
CA, LLC/COMCAST PHONE OF CA, LLC

STEVEN MOSS
SAN FRANCISCO COMMUNITY POWER
2325 THIRD STREET, STE 344
SAN FRANCISCO, CA 94107
FOR: SAN FRANCISCO COMMUNITY POWER

LEE TIEN
ELECTRONIC FRONTIER FOUNDATION
454 SHOTWELL STREET
SAN FRANCISCO, CA 94110
FOR: ELECTRONIC FRONTIER FOUNDATION

JEANNE B. ARMSTRONG
GOODIN MACBRIDE SQUERI DAY & LAMPREY LLP
505 SANSOME STREET, SUITE 900
SAN FRANCISCO, CA 94111
FOR: CTIA - THE WIRELESS ASSOCIATION

MARLO A. GO
GOODIN MACBRIDE SQUERI DAY & LAMPREY LLP
505 SANSOME STREET, SUITE 900
SAN FRANCISCO, CA 94111
FOR: NORTH AMERICA POWER PARTNERS, LLC

MICHAEL B. DAY
GOODIN MACBRIDE SQUERI DAY & LAMPREY LLP
505 SANSOME STREET, SUITE 900
SAN FRANCISCO, CA 94111-3133
FOR: COUNSEL FOR CURRENT GROUP, LLC

SARA STECK MYERS
ATTORNEY FOR
CEERT
122 28TH AVENUE
SAN FRANCISCO, CA 94121
FOR: CENTER FOR THE ENERGY EFFICIENCY &
RENEWABLE TECHNOLOGIES

JUDITH SCHWARTZ
TO THE POINT
2330 BRYANT STREET, SUITE 2
PALO ALTO, CA 94301
FOR: TO THE POINT

ALEXIS K. WODTKE
STAFF ATTORNEY
CONSUMER FEDERATION OF CALIFORNIA
520 S. EL CAMINO REAL, STE. 340
SAN MATEO, CA 94402
FOR: CONSUMER FEDERATION OF CALIFORNIA

FARROKH ALUYEK, PH.D.
OPEN ACCESS TECHNOLOGY INTERNATIONAL
1875 SOUTH GRANT STREET, SUITE 910
SAN MATEO, CA 94402
FOR: OPEN ACCESS TECHNOLOGY
INTERNATIONAL

MICHAEL ROCHMAN
MANAGING DIRECTOR
SPURR
1850 GATEWAY BLVD., SUITE 235
CONCORD, CA 94520
FOR: SCHOOL PROJECT FOR UTILITY RATE
REDUCTION

MARK SCHAEFFER
GRANITEKEY, LLC
1295 HEATHER LANE
LIVERMORE, CA 94551
FOR: GRANITEKEY, LLC

WILLIAM H. BOOTH
ATTORNEY AT LAW
LAW OFFICES OF WILLIAM H. BOOTH
67 CARR DRIVE
MORAGA, CA 94556
FOR: CALIFORNIA LARGE ENERGY CONSUMERS
ASSOCIATION

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

LEN CANTY
BLACK ECONOMIC COUNCIL
484 LAKE PARK AVENUE, SUITE 338
OAKLAND, CA 94610

FOR: LOCAL GOVERNMENT SUSTAINABLE
ENERGY COALITION

JOSEPH F. WIEDMAN
KEYES & FOX LLP
436 14TH STREET, SUITE 1305
OAKLAND, CA 94612
FOR: GOOGLE INC.

GREGG MORRIS
DIRECTOR
GREEN POWER INSTITUTE
2039 SHATTUCK AVE., SUITE 402
BERKELEY, CA 94704
FOR: GREEN POWER INSTITUTE

ENRIQUE GALLARDO
THE GREENLINING INSTITUTE
1918 UNIVERSITY AVE., 2ND FLOOR
BERKELEY, CA 94704-1051
FOR: THE GREENLINING INSTITUTE

DEIRDRE K. MULLIGAN
UNIVERSITY OF CALIFORNIA, BERKELEY
SCHOOL OF INFORMATION
SOUTH HALL
BERKELEY, CA 94720
FOR: PRIVACY AND CYBERSECURITY LAW AND
POLICY RESEARCHERS

MIKE TIERNEY
ATTORNEY AT LAW
NRG ENERGY & PADOMA WIND POWER
829 ARLINGTON BLVD.
EL CERRITO, CA 94830
FOR: NRG ENERGY

MICHAEL WEISSMAN
SIGMA DESIGNS, INC.
1778 MCCARTHY BLVD.
MILPITAS, CA 95035
FOR: SIGMA DESIGNS, INC.

TODD S. GLASSEY
CTO CERTICHRON INC.
50 W. SAN FERNANDO ST, SUITE 320
SAN JOSE, CA 95113
FOR: CERTICHRON

DAVID ZLOTLOW
CALIFORNIA INDEPENDENT SYSTEM OPRTR CORP

FOR: BALCK ECONOMIC COUNCIL

KEVIN T. FOX
KEYES & FOX LLP
5727 KEITH AVENUE
OAKLAND, CA 94618
FOR: INTERSTATE RENEWABLE ENERGY COUNCIL

ROBERT GINAIZDA
COUNSEL
1918 UNIVERSITY AVE., 2ND FL.
BERKELEY, CA 94704
FOR: LATINO BUSINESS CHAMBER OF GREATER
LOS ANGELES

AARON J. BURSTEIN
UNIVERSITY OF CALIFORNIA, BERKELEY
SCHOOL OF INFORMATION
SOUTH HALL
BERKELEY, CA 94720
FOR: PRIVACY AND CYBERSECURITY LAW AND
POLICY RESEARCHERS

JENNIFER M. URBAN
SAMUELSON LAW, TECHNOLOGY & PUBLIC POLIC
UC-BERKELEY SCHOOL OF LAW
396 SIMON HALL
BERKELEY, CA 94720-7200
FOR: CENTER FOR DEMOCRACY & TECHNOLOGY

RICH QUATTRINI
ENERGYCONNECT, INC.
901 CAMPISI WAY, SUITE 260
CAMPBELL, CA 95008
FOR: ENERGYCONNECT, INC.

DIANA POLULYAKH
ASPECT LABS
3080 OLCOTT STREET, SUITE 110A
SANTA CLARA, CA 95054
FOR: ASPECT LABS, A DIVISION OF BKP
SECURITY, INC.

STEVE BOYD
TURLOCK IRRIGATION DISTRICT
333 EAST CANAL DRIVE
TURLOCK, CA 95381-0949
FOR: TURLOCK IRRIGATION DISTRICT

DENNIS DE CUIR
DENNIS W. DE CUIR, A LAW CORPORATION

151 BLUE RAVINE RD
FOLSOM, CA 95630
FOR: CALIFORNIA INDEPENDENT SYSTEM
OPERATOR CORPORATION

2999 DOUGLAS BOULEVARD, SUITE 325
ROSEVILLE, CA 95661
FOR: GOLDEN STATE WATER COMPANY

SCOTT TOMASHEFSKY
NORTHERN CALIFORNIA POWER AGENCY
651 COMMERCE DRIVE
ROSEVILLE, CA 95678
FOR: NORTHERN CALIFORNIA POWER AGENCY

JIM HAWLEY
CALIFORNIA DIRECTOR AND GENERAL COUNSEL
TECHNOLOGY NETWORK
1215 K STREET, STE.1900
SACRAMENTO, CA 95814
FOR: TECHNOLOGY NETWORK

LAUREN NAVARRO
ENVIRONMENTAL DEFENSE FUND
1107 9TH ST., STE. 540
SACRAMENTO, CA 95814
FOR: ENVIRONMENTAL DEFENSE FUND

LESLA LEHTONEN
VP, LEGAL & REGULATORY AFFAIRS
CALIF. CABLE & TELECOMMUNICATIONS ASSN.
1001 K STREET, 2ND FLOOR
SACRAMENTO, CA 95814-3832
FOR: CALIFORNIA CABLE &
TELECOMMUNICATIONS ASSOCIATION (CCTA)

CHASE B. KAPPEL
ELLISON SCHNEIDER & HARRIS LLP
2600 CAPITOL AVENUE, SUITE 400
SACRAMENTO, CA 95816-5905
FOR: SIERRA PACIFIC POWER CO.

MICHAEL COOP
HOMEGRID FORUM
3855 SW 153RD DRIVE
BEAVERTON, OR 97006
FOR: HOMEGRID FORUM

Information Only

CASSANDRA SWEET
DOW JONES NEWSWIRES
EMAIL ONLY
EMAIL ONLY, CA 00000

DAVID J. BLACKBURN
CAISO
EMAIL ONLY
EMAIL ONLY, CA 00000

GREY STAPLES
THE MENDOTA GROUP, LLC
EMAIL ONLY
EMAIL ONLY, CA 00000

JANICE LIN
MANAGING PARTNER
STRATEGEN CONSULTING LLC
EMAIL ONLY
EMAIL ONLY, CA 00000

MICHAEL G. NELSON
EMAIL ONLY
EMAIL ONLY, CA 00000

RYN HAMILTON
EMAIL ONLY
EMAIL ONLY, MA 00000

STEPHANIE C. CHEN
THE GREENLINING INSTITUTE
EMAIL ONLY
EMAIL ONLY, CA 00000

TAM HUNT
HUNT CONSULTING
EMAIL ONLY
EMAIL ONLY, CA 00000
FOR: COMMUNITY ENVIRONMENT COUNCIL

TIMOTHY N. TUTT
SACRAMENTO MUNICIPAL UTILITIES DISTRICT
EMAIL ONLY

MRW & ASSOCIATES, LLC
EMAIL ONLY
EMAIL ONLY, CA 00000

EMAIL ONLY, CA 00000

ERIN GRIZARD
THE DEWEY SQUARE GROUP
EMAIL ONLY
EMAIL ONLY, CA 00000-0000

JON FORTUNE
CALIFORNIA CENTER FOR SUSTAINABLE ENERGY
EMAIL ONLY
EMAIL ONLY, CA 00000-0000

MARTIN HOMECA
CALIFORNIANS FOR RENEWABLE ENERGY, INC.
EMAIL ONLY
EMAIL ONLY, CA 00000-0000

MICHAEL O'KEEFE
CAL. ENERGY EFFICIENCY INDUSTRY COUNCIL
EMAIL ONLY
EMAIL ONLY, CA 00000-0000

RICHARD W. RAUSHENBUSH
EMAIL ONLY
EMAIL ONLY, CA 00000-0000

SEPHRA A. NINOW
CALIFORNIA CENTER FOR SUSTAINABLE ENERGY
EMAIL ONLY
EMAIL ONLY, CA 00000-0000

SUE MARA
RTO ADVISORS, LLC.
EMAIL ONLY
EMAIL ONLY, CA 00000-0000

ASPECT LABS
EMAIL ONLY
EMAIL ONLY, CA 00000-0000

ASPECT LABS
EMAIL ONLY
EMAIL ONLY, CA 00000-0000

JOHN QUEALY
CANACCORD ADAMS
99 HIGH STREET
BOSTON, MA 02110

MARK SIGAL
CANACCORD ADAMS
99 HIGH STREET
BOSTON, MA 02110

BARBARA R. ALEXANDER
CONSUMER AFFAIRS CONSULTANT
83 WEDGEWOOD DRIVE
WINTHROP, ME 04364

CHRISTOPHER JOHNSON
LG ELECTRONICS USA, INC.
910 SYLVAN AVENUE
ENGLEWOOD CLIFFS, NJ 07632

SHELLEY-ANN MAYE
NORTH AMERICA POWER PARTNERS
308 HARPER DRIVE, SUITE 320
MOORESTOWN, NJ 08057

JULIEN DUMOULIN-SMITH
ASSOCIATE ANALYST
UBS INVESTMENT RESEARCH
1285 AVENUE OF THE AMERICAS
NEW YORK, NY 10019

KEVIN ANDERSON
UBS INVESTMENT RESEARCH
1285 AVENUE OF THE AMERICAS
NEW YORK, NY 10019

DAVID RUBIN
TROUTMAN SANDERS, LLP
401 9TH STREET, N.W.
WASHINGTON, DC 20004
FOR: GROUNDEDPOWER, INC.

JENNIFER SANFORD
CISCO SYSTEMS, INC.
1300 PENNSYLVANIA AVE., N.W., STE. 250
WASHINGTON, DC 20004
FOR: CISCO SYSTEMS, INC.

MARY BROWN
CISCO SYSTEMS, INC.
1300 PENNSYLVANIA AVE., N.W., STE. 250

JACKIE MCCARTHY
CTIA - THE WIRELESS ASSOCIATION
1400 16TH STREET, NW, SUITE 600

WASHINGTON, DC 20004
FOR: CISCO SYSTEMS, INC.

WASHINGTON, DC 20036

JAY BIRNBAUM
GENERAL COUNSEL
CURRENT GROUP, LLC
20420 CENTURY BLVD
GEMANTOWN, MD 20874

MATT MCCAFFREE
OPOWER
1515 NORTH COURTHOUSE ROAD, SIXTH FLOOR
ARLINGTON, VA 22201

PUJA DEVERAKONDA
OPOWER
1515 NORTH COURTHOUSE ROAD, SIXTH FLOOR
ARLINGTON, VA 22201

ROBERT C. ROWE
NORTH WESTERN ENERGY
40 EAST BROADWAY
BUTTE, MT 59701

MONICA MERINO
COMMONWEALTH EDISON COMPANY
440 S. LASALLE STREET, SUITE 3300
CHICAGO, IL 60605

STEPHEN THIEL
IBM
1856 LANTANA LANE
FRISCO, TX 75034

ANN JOHNSON
VERIZON
HQE02F61
600 HIDDEN RIDGE
IRVING, TX 75038

ED MAY
ITRON INC.
6501 WILDWOOD DRIVE
MCKINNEY, TX 75070

RAYMOND GIFFORD
WILKINSON, BARKER, KNAUER, LLP
1515 ARAPAHOE STREET
DENVER, CO 80202

JIM SUEUGA
VALLEY ELECTRIC ASSOCIATION
PO BOX 237
PAHRUMP, NV 89041

PHIL JACKSON
SYSTEM ENGINEER
VALLEY ELECTRIC ASSOCIATION
800 E. HWY 372, PO BOX 237
PAHRUMP, NV 89041

LEILANI JOHNSON KOWAL
LOS ANGELES DEPARTMENT OF WATER & POWER
111 N. HOPE STREET
LOS ANGELES, CA 90012

GREGORY HEALY
SEMPRA UTILITIES
555 WEST FIFTH STREET, 14TH FLR. -GT14D6
LOS ANGELES, CA 90013

JORGE CORRALEJO
CHAIRMAN, CEO
LATINO BUSINESS CHAMBER OF GREATER L.A.
634 S. SPRING STREET, STE 818
LOS ANGELES, CA 90013
FOR: LATINO BUSINESS CHAMBER OF GREATER
LOS ANGELES

DAVID SCHNEIDER
LUMESOURCE
8419 LOYOLA BLVD
LOS ANGELES, CA 90045

LILY M. MITCHELL
HANNA AND MORTON LLP
444 S. FLOWER STREET, SUITE 1500
LOS ANGELES, CA 90071-2916

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

CRAIG KUENNEN
GLENDALE WATER AND POWER
141 N. GLENDALE AVENUE, 4TH LEVEL
GLENDALE, CA 91206

MARK S. MARTINEZ
SOUTHERN CALIFORNIA EDISON
6060 IRWINDALE AVE., SUITE J
IRWINDALE, CA 91702

CASE ADMINISTRATION
2244 WALNUT GROVE AVENUE
ROSEMEAD, CA 91770

JANET COMBS
SR. ATTORNEY
SOUTHERN CALIFORNIA EDISON COMPANY
2244 WALNUT GROVE AVENUE
ROSEMEAD, CA 91770

MICHAEL A. BACKSTROM
ATTORNEY AT LAW
SOUTHERN CALIFORNIA EDISON COMPANY
2244 WALNUT GROVE AVENUE
ROSEMEAD, CA 91770

NGUYEN QUAN
MGR - REGULATORY AFFAIRS
GOLDEN STATE WATER COMPANY
630 EAST FOOTHILL BOULEVARD
SAN DIMAS, CA 91773

JEFF COX
FUELCELL ENERGY INC.
1557 MANDEVILLE PLACE
ESCONDIDO, CA 92029

ESTHER NORTHRUP
COX CALIFORNIA TELCOM II, LLC
350 10TH AVENUE, SUITE 600
SAN DIEGO, CA 92101

KELLY M. FOLEY
SAN DIEGO GAS & ELECTRIC COMPANY
101 ASH STREET, HQ12
SAN DIEGO, CA 92101-3017

MIKE SCOTT
UTILITY CONSUMERS' ACTION NETWORK
3100 5TH AVENUE, SUITE B
SAN DIEGO, CA 92103

KIM KIENER
504 CATALINA BLVD
SAN DIEGO, CA 92106

DONALD J. SULLIVAN
QUALCOMM INCORPORATED
5775 MOREHOUSE DRIVE
SAN DIEGO, CA 92121

HANNON RASOOL
SAN DIEGO GAS & ELECTRIC COMPANY
8330 CENTURY PARK CT.
SAN DIEGO, CA 92123

TODD CAHILL
SAN DIEGO GAS & ELECTRIC COMPANY
8306 CENTURY PARK COURT, CP32D
SAN DIEGO, CA 92123

CAROL MANSON
SAN DIEGO GAS & ELECTRIC CO.
8330 CENTURY PARK COURT CP32D
SAN DIEGO, CA 92123-1530

DESPINA NIEHAUS
SAN DIEGO GAS & ELECTRIC COMPANY
8330 CENTURY PARK COURT, CP32D
SAN DIEGO, CA 92123-1530

CENTRAL FILES
SDG&E AND SOCALGAS
8330 CENTURY PARK COURT, CP31-E
SAN DIEGO, CA 92123-1550

JERRY MELCHER
ENERNEX
4623 TORREY CIRCLE, APT Q303
SAN DIEGO, CA 92130

TRACEY L. DRABANT
ENERGY RESOURCE MANAGER
BEAR VALLEY ELECTRIC SERVICE
PO BOX 1547
BIG BEAR LAKE, CA 92315

PETER T. PEARSON
ENERGY SUPPLY SPECIALIST
BEAR VALLEY ELECTRIC SERVICE

DAVID X. KOLK
COMPLETE ENERGY SERVICES INC
41422 MAGNOLIA STREET

42020 GARSTIN DRIVE, PO BOX 1547
BIG BEAR LAKE, CA 92315-1547

MURRIETA, CA 92562

EVELYN KAHL
ALCANTAR & KAHL, LLP
33 NEW MONTGOMERY STREET, SUITE 1850
SAN FRANCISCO, CA 94015

RICK BOLAND
E-RADIO USA, INC.
1062 RAY AVENUE
LOS ALTOS, CA 94022

JUAN OTERO
ATTORNEY AT LAW
TRILLIANT NETWORKS, INC.
1100 ISLAND DRIVE
REDWOOD CITY, CA 94065

FARAMARZ MAGHSOODLOU
PRESIDENT
MITRA POWER
PO BOX 60549
SUNNYVALE, CA 94088

RUDY REYES
VERIZON
711 VAN NESS AVENUE, SUITE 300
SAN FRANCISCO, CA 94102

AMANDA WALLACE
10 MINT PLAZA NO. 4
SAN FRANCISCO, CA 94103

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

KRISTIN GRENFELL
PROJECT ATTORNEY, CALIF. ENERGY PROGRAM
NATURAL RESOURCES DEFENSE COUNCIL
111 SUTTER STREET, 20TH FLOOR
SAN FRANCISCO, CA 94104

NINA SUETAKE
THE UTILITY REFORM NETWORK
115 SANSOME STREET, SUITE 900
SAN FRANCISCO, CA 94104

ROBERT FINKELSTEIN
THE UTILITY REFORM NETWORK
115 SANSOME STREET, SUITE 900
SAN FRANCISCO, CA 94104

MICHAEL E. CARBOY
SIGNAL HILL CAPITAL LLC
343 SANSOME STREET, SUITE 425
SAN FRANCISCO, CA 94104-5619

ANDREW MEIMAN
SENIOR PROGRAM MANAGER
NEWCOMB ANDERSON MCCORMICK
201 MISSION STREET, SUITE 2000
SAN FRANCISCO, CA 94105

CASE COORDINATION
PACIFIC GAS AND ELECTRIC COMPANY
PO BOX 770000; MC B9A, 77 BEALE STREET
SAN FRANCISCO, CA 94105

DAVID BAYLESS
PACIFIC GAS AND ELECTRIC COMPANY
77 BEALE STREET, MC B9A, ROOM 921
SAN FRANCISCO, CA 94105

DIONNE ADAMS
OPERATION REVENUE REQUIREMENTS DEPT
PACIFIC GAS AND ELECTRIC COMPANY
77 BEALE ST., MAIL CODE B9A
SAN FRANCISCO, CA 94105

KAREN TERRANOVA
ALCANTAR & KAHL
33 NEW MONTGOMERY STREET, SUITE 1850
SAN FRANCISCO, CA 94105

KIMBERLY C. JONES
PACIFIC GAS AND ELECTRIC COMPANY
77 BEALE STREET, MC B9A, ROOM 904
SAN FRANCISCO, CA 94105

MICHAEL P. ALCANTAR
ATTORNEY AT LAW
ALCANTAR & KAHL, LLP
33 NEW MONTGOMERY STREET, SUITE 1850
SAN FRANCISCO, CA 94105

MICHELLE CHOO
AT&T CALIFORNIA
525 MARKET STREET, 20TH FLOOR
SAN FRANCISCO, CA 94105

RICHARD H. COUNIHAN
SR. DIRECTOR CORPORATE DEVELOPMENT
ENERNOC, INC.
500 HOWARD ST., SUITE 400
SAN FRANCISCO, CA 94105

SEEMA SRINIVASAN
ALCANTAR & KAHL LLP
33 NEW MONTGOMERY STREET, SUITE 1850
SAN FRANCISCO, CA 94105

STEPHANIE HOLLAND
AT&T CALIFORNIA
525 MARKET STREET, ROOM 2026
SAN FRANCISCO, CA 94105

STEPHEN J. CALLAHAN
IBM
425 MARKET STREET
SAN FRANCISCO, CA 94105

TERRY FRY
SR. VP, ENERGY & CARBON MANAGEMENT
NEXANT INC
101 SECOND ST. 10TH FLR
SAN FRANCISCO, CA 94105

MARGARET L. TOBIAS
TOBIAS LAW OFFICE
460 PENNSYLVANIA AVE
SAN FRANCISCO, CA 94107

BENJAMIN J. KALLO
VP - CLEAN TECHNOLOGY RESEARCH
ROBERT W. BAIRD & CO.
101 CALIFORNIA ST., STE. 1350
SAN FRANCISCO, CA 94111

BRIAN T. CRAGG
GOODIN, MACBRIDE, SQUERI, DAY & LAMPREY
505 SANSOME STREET, SUITE 900
SAN FRANCISCO, CA 94111
FOR: NORTH AMERICA POWER PARTNERS LLC

BRYCE DILLE
CLEAN TECHNOLOGY RESEARCH
JMP SECURITIES
600 MONTGOMERY ST. SUITE 1100
SAN FRANCISCO, CA 94111

JANINE L. SCANCARELLI
CROWELL & MORING LLP
275 BATTERY STREET, 23RD FLOOR
SAN FRANCISCO, CA 94111

JEFFREY SINSHEIMER
COBLENTZ, PATCH, DUFFY & BASS, LLP
ONE FERRY BUILDING, STE. 200
SAN FRANCISCO, CA 94111

JOSHUA DAVIDSON
DAVIS WRIGHT TREMAINE
505 MONTGOMERY STREET, SUITE 800
SAN FRANCISCO, CA 94111

NORENE LEW
COBLEUTZ PATCH DUFFY & BASS, LLP
ONE FERRY BUILDING, STE.200
SAN FRANCISCO, CA 94111

SALLE E. YOO
DAVIS WRIGHT TREMAINE LLP
505 MONTGOMERY STREET, SUITE 800
SAN FRANCISCO, CA 94111

STEVE HILTON
STOEL RIVES LLP
555 MONTGOMERY ST., SUITE 1288
SAN FRANCISCO, CA 94111

SUZANNE TOLLER
DAVIS WRIGHT TREMAINE LLP
505 MONTGOMERY STREET, SUITE 800
SAN FRANCISCO, CA 94111-3611

DAVID L. HUARD
MANATT, PHELPS & PHILLIPS, LLP
ONE EMBARCADERO CTR, 30TH FL.
SAN FRANCISCO, CA 94111-3736
FOR: THE TECHNOLOGY NETWORK

MARIA CARBONE
DAVIS WRIGHT TREMAINE, LLP

DIANE I. FELLMAN
NRG WEST

505 MONTGOMERY STREET, SUITE 800
SAN FRANCISCO, CA 94111-6533

73 DOWNEY STREET
SAN FRANCISCO, CA 94117

CALIFORNIA ENERGY MARKETS
425 DIVISADERO ST STE 303
SAN FRANCISCO, CA 94117-2242

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

PAUL PRUDHOMME
OPERATIONS REVENUE REQUIREMENTS
PACIFIC GAS AND ELECTRIC COMPANY
77 BEALE ST., MC B10B., ROOM 1001
SAN FRANCISCO, CA 94120

ANGELA CHUANG
ELECTRIC POWER RESEARCH INSTITUTE
PO BOX 10412
PALO ALTO, CA 94303

CARYN LAI
BINGHAM MCCUTCHEN, LLP
1900 UNIVERSITY AVENUE
EAST PALO ALTO, CA 94303

MEGAN KUIZE
DEWEY & LEBOUF
1950 UNIVERSITY CIRCLE, SUITE 500
EAST PALO ALTO, CA 94303

ELLEN PETRILL
DIRECTOR, PUBLIC/PRIVATE PARTNERSHIPS
ELECTRIC POWER RESEARCH INSTITUTE
3420 HILLVIEW AVENUE
PALO ALTO, CA 94304-1338

ALI IPAKCHI
VP SMART GRID AND GREEN POWER
OPEN ACCESS TECHNOLOGY, INC
1875 SOUTH GRANT, SUITE 910
SAN MATEO, CA 94402

CHRIS KING
PRESIDENT
EMETER CORPORATION
2215 BRIDGEPOINTE PARKWAY, SUITE 300
SAN MATEO, CA 94404

JOHN DUTCHER
MOUNTAIN UTILITIES
3210 CORTE VALENCIA
FAIRFIELD, CA 94534-7875

JOHN GUTIERREZ
DIRECTOR OF GOVERNMENT AFFAIRS
COMCAST
3055 COMCAST PLACE
LIVERMORE, CA 94551

MIKE AHMADI
GRANITEKEY, LLC
1295 HEATHER LANE
LIVERMORE, CA 94551

UZMA ALMAKKY
CENTER FOR RESEARCH IN VOCATIONAL ED
34515 HURST AVE
FREMONT, CA 94555-3124

SEAN P. BEATTY
SR. MGR. EXTERNAL & REGULATORY AFFAIRS
MIRANT CALIFORNIA, LLC
696 WEST 10TH ST., PO BOX 192
PITTSBURG, CA 94565

THOMAS W. LEWIS
116 GALISTEO CT.
SAN RAMON, CA 94583

DOUG GARRETT
COX CALIFORNIA TELCOM LLC
2200 POWELL STREET, SUITE 1035
EMERYVILLE, CA 94608

BOB STUART
BRIGHT SOURCE ENERGY, INC.
1999 HARRISON STREET, SUITE 2150
OAKLAND, CA 94612

NELLIE TONG
SENIOR ANALYST
KEMA, INC.
155 GRAND AVE., STE. 500
OAKLAND, CA 94612-3747

VALERIE RICHARDSON
KEMA, INC.
155 GARND AVE., STE. 500
OAKLAND, CA 94612-3747

DOCKET COORDINATOR
5727 KEITH ST.
OAKLAND, CA 94618

DAVID MARCUS
PO BOX 1287
BERKELEY, CA 94701

REED V. SCHMIDT
BARTLE WELLS ASSOCIATES
1889 ALCATRAZ AVENUE
BERKELEY, CA 94703-2714

ROBERT GNAIZDA
1918 UNIVERSITY AVE., 2ND FLOOR
BERKELEY, CA 94704

SAMUEL S. KANG
THE GREENLINING INSTITUTE
1918 UNIVERSITY AVENUE, SECOND FLOOR
BERKELEY, CA 94704

STEVE KROMER
SKEE
3110 COLLEGE AVENUE, APT 12
BERKELEY, CA 94705

JENNIFER LYNCH
SAMUELSON LAW, TECH. & PUBLIC POLICY
UNIVERSITY OF CALIF, BERKELEY LAW SCHOOL
396 SIMON HALL
BERKELEY, CA 94720-7200
FOR: CENTER FOR DEMOCRACY & TECHNOLOGY

JENNIFER URBAN
SAMUELSON LAW, TECH & PUBLIC POLICY
UNIVERSITY OF CALIF, BERKELEY LAW SCHOOL
396 SIMON HALL
BERKELEY, CA 94720-7200

KINGSTON COLE
KINGSTON COLE & ASSOCIATES
1537 FOURTH STREET, SUITE 169
SAN RAFAEL, CA 94901

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

JANET PETERSON
OUR HOME SPACES
20 PIMENTEL COURT, B8
NOVATO, CA 94949

JOSEPH WEISS
APPLIED CONTROL SOLUTIONS, LLC
10029 OAKLEAD PLACE
CUPERTINO, CA 95014

MICHAEL E. BOYD
PRESIDENT
CALIFORNIANS FOR RENEWABLE ENERGY, INC.
5439 SOQUEL DRIVE
SOQUEL, CA 95073

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

C. SUSIE BERLIN
MCCARTHY & BERLIN LLP
100 W. SAN FERNANDO ST., SUITE 501
SAN JOSE, CA 95113

MARY TUCKER
CITY OF SAN JOSE
200 EAST SANTA CLARA ST., 10TH FLOOR
SAN JOSE, CA 95113-1905

TOM KIMBALL
MODESTO IRRIGATION DISTRICT
PO BOX 4069
MODESTO, CA 95352

JOY A. WARREN
MODESTO IRRIGATION DISTRICT

DAVID KATES
DAVID MARK & COMPANY

1231 11TH STREET
MODESTO, CA 95354

3510 UNOCAL PLACE, SUITE 200
SANTA ROSA, CA 95403

BARBARA R. BARKOVICH
BARKOVICH & YAP, INC.
44810 ROSEWOOD TERRACE
MENDOCINO, CA 95460

GAYATRI SCHILBERG
JBS ENERGY SERVICES
311 D STREET, SUITE A
W. SACRAMENTO, CA 95605

DOUGLAS M. GRANDY, P.E.
CALIFORNIA ONSITE GENERATION
DG TECHNOLOGIES
1220 MACAULAY CIRCLE
CARMICHAEL, CA 95608

DAVID E. MORSE
217 F STREET, NO. 53
DAVIS, CA 95616

E-RECIPIENT
CALIFORNIA ISO
151 BLUE RAVINE ROAD
FOLSOM, CA 95630

ANTHONY IVANCOVICH
CALIFORNIA INDEPENDENT SYSTEM OPERATOR
151 BLUE RAVINE ROAD
FOLSOM, CA 95630

HEATHER SANDERS
CALIFORNIA ISO
151 BLUE RAVINE ROAD
FOLSOM, CA 95630

JOHN GOODIN
CALIFORNIA ISO
151 BLUE RAVINE RD.
FOLSOM, CA 95630

WAYNE AMER
PRESIDENT
MOUNTAIN UTILITIES (906)
PO BOX 205
KIRKWOOD, CA 95646

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

TOM POMALES
CALIFORNIA AIR RESOURCES BOARD
1001 I STREET
SACRAMENTO, CA 95812

BRIAN THEAKER
DIR., REGULATORY RELATIONS
DYNEGY, INC.
980 9TH STREET, SUITE 2130
SACRAMENTO, CA 95814

DANIELLE OSBORN-MILLS
REGULATORY AFFAIRS COORDINATOR
CEERT
1100 11TH STREET, SUITE 311
SACRAMENTO, CA 95814

DAVID L. MODISETTE
EXECUTIVE DIRECTOR
CALIFORNIA ELECTRIC TRANSP. COALITION
1015 K STREET, SUITE 200
SACRAMENTO, CA 95814

JAMES FINE
ECONOMIST
ENVIRONMENTAL DEFENSE FUND
1107 9TH STREET, SUITE 540
SACRAMENTO, CA 95814

JAN MCFARLAND
CAEATFA
915 CAPITOL MALL, RM. 468
SACRAMENTO, CA 95814

JOHN SHEARS
CEERT
1100 11TH STREET, SUITE 311
SACRAMENTO, CA 95814
FOR: THE CENTER FOR ENERGY EFFICIENCY

KELLIE SMITH
SENATE ENERGY/UTILITIES & COMMUNICATION
STATE CAPITOL, ROOM 2195
SACRAMENTO, CA 95814

AND RENEWABLE TECHNOLOGIES

LINDA KELLY
ELECTRICITY ANALYSIS OFFICE
CALIFORNIA ENERGY COMMISSION
1516 9TH STREET, MS 20
SACRAMENTO, CA 95814

RICHELLE ORLANDO
CA CABLE & TELECOMMUNICATIONS ASSOC
1001 K STREET, 2ND FLOOR
SACRAMENTO, CA 95814

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

PRAMOD P. KULKARNI
CALIFORNIA ENERGY COMMISSION
1516 9TH STREET, MS 20
SACRAMENTO, CA 95814-5512

LYNN HAUG
ELLISON, SCHNEIDER & HARRIS L.L.P.
2600 CAPITAL AVENUE, SUITE 400
SACRAMENTO, CA 95816

ANDREW B. BROWN
ATTORNEY AT LAW
ELLISON SCHNEIDER & HARRIS, LLP (1359)
2600 CAPITOL AVENUE, SUITE 400
SACRAMENTO, CA 95816-5905
FOR: CONSTELLATION COMMODITY GROUP &
CONSTELLATION NEW ENERGY INC./ SIERRA
PACIFIC

BRIAN S. BIERING
ELLISON SCHNEIDER & HARRIS, LLP
2600 CAPITOL AVENUE, SUITE 400
SACRAMENTO, CA 95816-5905

GREGGORY L. WHEATLAND
ELLISON SCHNEIDER & HARRIS L.L.P.
2600 CAPITOL AVENUE, SUITE 400
SACRAMENTO, CA 95816-5905
FOR: SIERRA PACIFIC POWER CORP.

JIM PARKS
SACRAMENTO MUNICIPAL UTILITY DIST.
6301 S STREET, A204
SACRAMENTO, CA 95817-1899

LOURDES JIMENEZ-PRICE
OFFICE OF THE GENERAL COUNSEL
SACRAMENTO MUNICIPAL UTILITY DISTRICT
6201 S STREET, MS B406
SACRAMENTO, CA 95817-1899

VICKY ZAVATTERO
SACRAMENTO MUNICIPAL UTILITY DISTRICT
6301 S STREET, MS A204
SACRAMENTO, CA 95817-1899

VIKKI WOOD
SACRAMENTO MUNICIPAL UTILITY DISTRICT
6301 S STREET, MS A204
SACRAMENTO, CA 95817-1899

DAN MOOY
VENTYX
2379 OATEWAY OAKS DRIVE
SACRAMENTO, CA 95833

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

ROGER LEVY
LEVY ASSOCIATES
2805 HUNTINGTON ROAD
SACRAMENTO, CA 95864

JESSICA NELSON
ENERGY SERVICES MANAGER
PLUMAS SIERRA RURAL ELECTRIC COOP.
73233 STATE RT 70
PORTOLA, CA 96122-7069

JACK ELLIS
RESERO CONSULTING

MICHAEL JUNG
POLICY DIRECTOR

1425 ALPINE WAY, PO BOX 6600
TAHOE CITY, CA 96145

SILVER SPRING NETWORKS
555 BROADWAY STREET
REDWOOD CITY, CA 97063

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

MIKE CADE
ALCANTAR & KAHL, LLP
1300 SE 5TH AVE., 1750
PORTLAND, OR 97201

BENJAMIN SCHUMAN
PACIFIC CREST SECURITIES
111 SW 5TH AVE, 42ND FLR
PORTLAND, OR 97204

SHARON K. NOELL
PORTLAND GENERAL ELECTRIC COMPANY
121 SW SALMONT ST.
PORTLAND, OR 97204

State Service

TED HOWARD
CALIFORNIA PUBLIC UTILITIES COMMISSION
EMAIL ONLY
EMAIL ONLY, CA 00000

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

ALOKE GUPTA
CALIF PUBLIC UTILITIES COMMISSION
ENERGY DIVISION
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

ANTHONY MAZY
CALIF PUBLIC UTILITIES COMMISSION
ELECTRICITY PLANNING & POLICY BRANCH
ROOM 4209
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

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

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

DAVID PECK
CALIF PUBLIC UTILITIES COMMISSION
ELECTRICITY PLANNING & POLICY BRANCH
ROOM 4103
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

FARZAD GHAZZAGH
CALIF PUBLIC UTILITIES COMMISSION
ELECTRICITY PLANNING & POLICY BRANCH
ROOM 4102
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

GRETCHEN T. DUMAS
CALIF PUBLIC UTILITIES COMMISSION
LEGAL DIVISION
ROOM 4300
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

JAKE WISE

JOYCE DE ROSSETT

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

CALIF PUBLIC UTILITIES COMMISSION
 UTILITY AUDIT, FINANCE & COMPLIANCE BRAN
 AREA 3-C
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

JULIE HALLIGAN
 CALIF PUBLIC UTILITIES COMMISSION
 CONSUMER PROTECTION AND SAFETY DIVISION
 ROOM 2203
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

KARIN M. HIETA
 CALIF PUBLIC UTILITIES COMMISSION
 ENERGY PRICING AND CUSTOMER PROGRAMS BRA
 ROOM 4102
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214
 FOR: DRA

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

LAUREN SAINÉ
 CALIF PUBLIC UTILITIES COMMISSION
 POLICY ANALYSIS BRANCH
 AREA 3-D
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

LAURENCE CHASET
 CALIF PUBLIC UTILITIES COMMISSION
 LEGAL DIVISION
 ROOM 5131
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

MARZIA ZAFAR
 CALIF PUBLIC UTILITIES COMMISSION
 PUBLIC ADVISOR OFFICE
 ROOM 2-B
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

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

MAX GOMBERG
 CALIF PUBLIC UTILITIES COMMISSION
 WATER BRANCH
 ROOM 4208
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

MICHAEL B. PIERCE
 CALIF PUBLIC UTILITIES COMMISSION
 POLICY ANALYSIS BRANCH
 AREA 3-F
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

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

REBECCA TSAI-WEI LEE
 CALIF PUBLIC UTILITIES COMMISSION
 ENERGY DIVISION
 AREA 4-A
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214
 FOR: DRA

RISA HERNANDEZ
 CALIF PUBLIC UTILITIES COMMISSION
 ENERGY PRICING AND CUSTOMER PROGRAMS BRA
 ROOM 4209
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

SARAH R. THOMAS
 CALIF PUBLIC UTILITIES COMMISSION
 LEGAL DIVISION
 ROOM 5033
 505 VAN NESS AVENUE

STEVE ROSCOW
 CALIF PUBLIC UTILITIES COMMISSION
 ENERGY DIVISION
 AREA 4-A
 505 VAN NESS AVENUE

SAN FRANCISCO, CA 94102-3214
FOR: DRA

SAN FRANCISCO, CA 94102-3214

TIMOTHY J. SULLIVAN
CALIF PUBLIC UTILITIES COMMISSION
DIVISION OF ADMINISTRATIVE LAW JUDGES
ROOM 2106
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

VALERIE BECK
CALIF PUBLIC UTILITIES COMMISSION
ELECTRIC GENERATION PERFORMANCE BRANCH
AREA 2-D
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

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

BRYAN LEE
CALIFORNIA ENERGY COMMISSION
1516 NINTH STREET - MS 43
SACRAMENTO, CA 95678

ALLEN BENITEZ
CALIF PUBLIC UTILITIES COMMISSION
CONSUMER PROTECTION AND SAFETY DIVISION
180 PROMENADE CIRCLE, SUITE 115
SACRAMENTO, CA 95834

[TOP OF PAGE](#)
[BACK TO INDEX OF SERVICE LISTS](#)