BEFORE THE PUBLIC UTILITIES COMMISSION OF THE

STATE OF CALIFORNIA

FILED
01-28-10
04:59 PM

Order Instituting Rulemaking to Consider Smart Grid Technologies Pursuant to Federal Legislation and on the Commission's Own Motion to Actively Guide Policy in California's Development of a Smart Grid System	R.08-12-009 (Filed December 18, 2008)

SOUTHERN CALIFORNIA EDISON COMPANY'S (U 338-E) NOTICE OF SMART GRID FEDERAL STIMULUS FUNDING AWARD, PURSUANT TO ORDERING PARAGRAPH 1 AND SECTION 3.2 OF D. 09-09-029

KRIS G. VYAS

Attorney for
SOUTHERN CALIFORNIA EDISON COMPANY

2244 Walnut Grove Avenue
Post Office Box 800
Rosemead, California 91770
Telephone: (626) 302-6613
Facsimile: (626) 302-6997
E-mail: kris.vyas@sce.com

Dated: **January 28, 2010**

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE

STATE OF CALIFORNIA

Order Instituting Rulemaking to Consider Smart Grid Technologies Pursuant to Federal Legislation and on the Commission's Own Motion to Actively Guide Policy in California's Development of a Smart Grid System	R.08-12-009 (Filed December 18, 2008)

SOUTHERN CALIFORNIA EDISON COMPANY'S (U 338-E) NOTICE OF SMART GRID FEDERAL STIMULUS FUNDING AWARD, PURSUANT TO ORDERING PARAGRAPH 1 AND SECTION 3.2 OF D. 09-09-029

Pursuant to Ordering Paragraph 1 and Section 3.2 of D. 09-09-029, Southern California Edison Company (SCE) provided notice on October 9, 2009 to the Commission's Energy Division, and to the service list in this proceeding, of applications that SCE filed with the U.S. Department of Energy (DOE). The applications sought federal stimulus funds earmarked for Smart Grid projects. As a follow-up, SCE hereby provides notice of the following Smart Grid federal stimulus funding awards it has received from the DOE. SCE also provides notice of the DOE's award to a project for which SCE did not file an application, but is serving as a demonstration partner.

I. Irvine Smart Grid Demonstration Project (ISGD)

SCE submitted its ISGD proposal in response to the DOE's Funding Opportunity Number DE-FOA-0000036, CFDA Number 81.122, Electricity Delivery and Energy Reliability Research, Development and Analysis, Program Area of Interest 1: Regional Demonstrations. SCE's October 9, 2009 Notice provided detailed information regarding this project, including a

project summary and an internet link to the complete application. A copy of the award letter that SCE received from the DOE is attached hereto as Exhibit A.

II. Tehachapi Wind Energy Storage Project (TSP)

SCE submitted its TSP proposal in response to the DOE's Funding Opportunity Number *DE-FOA-0000036, CFDA Number: 81.122, Electricity Delivery and Energy Reliability Research, Development and Analysis.* SCE's October 9, 2009 Notice provided detailed information regarding this project, including a project summary and an internet link to the complete application. A copy of the award letter that SCE received from the DOE is attached hereto as Exhibit B.

III. Fault Current Limiting Superconducting Transformer -Waukesha Electric Systems (Waukesha Project)

On November 24. 2009, the DOE awarded $10.7 million in Smart Grid stimulus funding to the Smart Grid Demonstration proposal for the Fault Current Limiting Superconducting Transformer Project, as submitted by Waukesha Electric Systems (Waukesha). The primary objective of the Waukesha Project is to design, manufacture and install a Smart Grid-compatible Fault Current Limiting (FCL) Superconducting Transformer in a utility substation by the end of 2012. SCE is not the lead party on this project, but is serving as the utility demonstration partner.[1]

The proposed transformer is a 28 MVA Three Phase FCL Medium-Power Utility Transformer (69 kV / 12.47 kV class). It is anticipated that the transformer will be installed at SCE's Macarthur Substation and integrated into the ISGD as proposed in Waukesha's application. As the host utility for the Waukesha Project, SCE expects to incur up to $1 million in costs relating to the installation of the transformer. SCE does not expect to receive any funds

[1] Because SCE is not serving as the lead party, SCE did not receive any award letter or other notification from the DOE concerning the Waukesha Project.

as part of the Waukesha Department of Energy (DOE) award. The California Energy Commission (CEC) has expressed an interest in the project, and SCE is pursuing funding to cover all or a substantial portion of its cost share. To the extent that SCE's required cost share exceeds any CEC support, SCE may seek incremental ratepayer funds to cover the difference.

Respectfully submitted,

KRIS G. VYAS

/s/ Kris G. Vyas

By: Kris G. Vyas

Attorney for
SOUTHERN CALIFORNIA EDISON COMPANY

2244 Walnut Grove Avenue
Post Office Box 800
Rosemead, California 91770
Telephone: (626) 302-6613
Facsimile: (626) 302-6997
E-mail: kris.vyas@sce.com

January 28, 2010

Appendix A

NETL Evaluation Letter - ISGD

NATIONAL ENERGY TECHNOLOGY LABORATORY
Albany, OR • Morgantown, WV • Pittsburgh, PA
U.S. DEPARTMENT OF ENERGY

December 8, 2009

Southern California Edison Company
Mr. Michael Montoya
2131 Walnut Grove Ave
Rosemead, CA 91770-3769
Via Electronic Mail: michael.r.montoya@sce.com

Subject: Notification of Selection for Smart Grid Demonstration Program - Funding Opportunity Announcement (FOA) DE-FOA-0000036, Project Title: "Irvine Smart Grid Demonstration (ISGD)", Area of Interest: Regional Demonstrations

Dear Mr. Michael Montoya,

This letter is a follow-up to the previous letter transmitted to you via email on November 25, 2009 regarding the status of your application to the Smart Grid Demonstration Program Funding Opportunity Announcement (FOA). Please see the attached document containing debriefing information in the form of strengths and weaknesses of your application as well as how well it scored against the evaluation criteria.

There were many high-quality applications submitted to DOE under this FOA. As you have been previously notified, your application was among the best, and was therefore selected for award. In the near future, staff from the National Energy Technology Laboratory will be providing you with questions and comments on your application. These will define areas that will require discussion and clarification with you so that an award can be completed.

Thank you for the time and effort in making your submission. We look forward to negotiating an award and allowing your project to begin quickly and efficiently to the benefit of our Nation.

Again, congratulations. I and my entire team look forward to working with you.

Sincerely,

C. Edward Christy
Director, Energy Delivery Technologies Division
National Energy Technology Laboratory

3610 Collins Ferry Road, P.O. Box 880, Morgantown, WV 26507
cchris@netl.doe.gov Voice (304) 285-4604 Fax (304) 285-4403 www.netl.doe.gov

Application No.: 020
Applicant: Southern California Edison Company

Project Title: *Irvine Smart Grid Demonstration (ISGD)*

Consensus Strengths and Weaknesses

Criterion – 1

Strengths:

- The SOPO and the project management plan are complete and comprehensive and the proposed demonstration approach addresses the goals of the SGD initiatives and includes specifically identified systems to be included.
- The proposed site is well defined, suitable, and available. The demonstration site is well suited to illustrate the proposed concepts.
- There are existing baselines for the analysis of the costs and benefits for the individual subprojects. The benefits of the project are realistically estimated and not overblown.
- The project plan to educate and engage the public is excellent.

Weaknesses:

- The application does not emphasize the distributed generation resources that will be used for a fully functional smart grid. There is discussion about solar panel resources (and other distributed resources) however; they are not detailed in the project description.

Criterion – 2

Strengths:

- The significance of the proposed demonstration versus current practices in terms of performance improvements is high. This is an end to end demonstration implementing smart transmission tools, distribution automation, and customer technologies and participation.
- The project shows several examples of smart grid applications; deploying various technologies in an integrated future electric distribution system that is expected to be more reliable, secure, economic, efficient, safe, and environmentally-friendly than those in general use today.
- The project is broadly applicable and adaptable throughout the nation. High adaptability to most of the U.S. networks (excluding only some urban areas in which looping of primary and secondary distribution circuits already exist).
- The project presents a realistic approach to what can be achieved and demonstrated with a smart grid demonstration project.
- Impact may potential be increased because of inclusion of work force, education and training tools.

Weaknesses:

Criterion – 3

Strengths:

- System integration as a key to interoperability is a sound approach.
- The approach to address interoperability is quite complete with the description of the component interface. The project clearly stated how integration is supported to achieve interoperability.
- Interoperability will be achieved through the heavy use of off-the-shelf systems and components.
- The approach for cyber security concerns and protections is complete.

Weaknesses:

- The testing and upgrade stages of interoperability are not fully addressed.
- More technical details of the cyber security plans would have strengthened this section.

Criterion – 4

Strengths:

- The project team is very strong, complete, and qualified. In addition, the roles and responsibilities for each team member is well defined.
- The level of corporate commitment to the proposed project and cost share is strong. The level of corporate commitment to commercialization is very good.
- The letters of commitment include details of cost share from all the team members.
- Team members are experts in the field and represent leading companies in this technology area.

Weaknesses:

Appendix B

NETL Evaluation Letter - TSP

NATIONAL ENERGY TECHNOLOGY LABORATORY
Albany, OR • Morgantown, WV • Pittsburgh, PA
U.S. DEPARTMENT OF ENERGY

December 8, 2009

Southern California Edison Company
Mr. Alexander Morris
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714
Via Electronic Mail: alexander.morris@sce.com

Subject: Notification of Selection for Smart Grid Demonstration Program - Funding Opportunity Announcement (FOA) DE-FOA-0000036, Project Title: "Tehachapi Wind Energy Storage Project", Area of Interest: Grid-Scale Energy Storage Demonstrations

Dear Mr. Alexander Morris,

This letter is a follow-up to the previous letter transmitted to you via email on November 25, 2009 regarding the status of your application to the Smart Grid Demonstration Program Funding Opportunity Announcement (FOA). Please see the attached document containing debriefing information in the form of strengths and weaknesses of your application as well as how well it scored against the evaluation criteria.

There were many high-quality applications submitted to DOE under this FOA. As you have been previously notified, your application was among the best, and was therefore selected for award. In the near future, staff from the National Energy Technology Laboratory will be providing you with questions and comments on your application. These will define areas that will require discussion and clarification with you so that an award can be completed.

Thank you for the time and effort in making your submission. We look forward to negotiating an award and allowing your project to begin quickly and efficiently to the benefit of our Nation.

Again, congratulations. I and my entire team look forward to working with you.

Sincerely,

C. Edward Christy
Director, Energy Delivery Technologies Division
National Energy Technology Laboratory

3610 Collins Ferry Road, P.O. Box 880, Morgantown, WV 26507
cchris@netl.doe.gov Voice (304) 285-4604 Fax (304) 285-4403 www.netl.doe.gov

Application No.: 032
Applicant: Southern California Edison Company Rosemead, CA
Project Title: Tehachapi Wind Energy Storage Project

Consensus Strengths and Weaknesses

Criterion - 1

Strength

There is a thorough discussion of the risk management situation regarding the installation of this battery system.

We can expect that this will be a successful project, for the fact that the applicant is applying a known technology, considered approach and it appears in line with regulatory goals.

The site selection criteria were defined and applied, and included: proximity to the 66 kV transmission line, access, proximity, and various factors. Since the site uses an existing substation, the permitting for this project may be much easier. The proposed project site is fully controlled by the applicant, is already approved for the intended use, and meets the needs of the project objectives for scope and scale. Complete SCE site ownership will minimize time-consuming environmental regulations. The full ownership and existing substation infrastructure make for a location that is both technically and economically viable for the interconnection of the proposed energy storage device.

SCE has identified clear objectives and related performance goals for the batteries in the demonstration plan.

SOPO is comprehensive and highly focused on improving a specific site.

This program meets the goals of the ESCA.

The quantifiable program metrics are presented in the project narrative. Testing the TSPs 13 operational uses will advance specific metrics identified by the DOE for grid scale energy storage demonstrations. This testing will feed into the quantification of the projects benefits, and this process

The overall process of data collection, metrics for success and measurements that will confirm the success of the program is planned to be validated in the analysis, reporting and reports.

SCE has a detailed plan to present the data to the DOE and other key stakeholders.

Weakness

The applicant has provided a qualitative chart of targeted benefits, but has not presented quantitative estimates of expected project benefits.

There was no discussion of the potential safety problems associated with the use of large lithium-ion batteries. Such an installation would involve the use of large batteries, and these present operational and safety problems not significant in smaller batteries, such as 18650 cells.

Criterion - 2

Strength

Success of this project will technically prove the ability of storage to allow implementation of the 20% RPS requirement for California.

By employing energy storage there will not be the necessity to "spill" energy when the wind generates more power than the grid can handle directly. This will allow for more effective use of the grid infrastructure in general.

This project would provide the opportunity to evaluate lithium-ion batteries in comparison with the conventional lead-acid batteries normally used for such installations.

The use of more sophisticated inverters will allow for increasing the load factor and efficiency of the system, including VAR support.

By managing the intermittency of solar and wind power there will be an environmental benefit because of the reduced need for base load power generation.

SCE has a record of commercializing new technologies, and was one of the founding members of the US Battery Consortium.

This project meets the intent and object of the ESCA

The company has a reasonable approach to commercializing the technology being demonstrated.

Criterion - 3

Strength

A utility with adequate cyber security experience is involved in the installation of this system.

There is adequate detail to understand the approach and execution for interoperability including a description of the automation component. They explain how integration is supported to achieve interoperability.

Interoperability and cyber security are discussed through all phases of engineering lifecycle and SCE has a well developed system to meet the needs of this application.

They will employ standards under development by NIST, NERC and DOE. This may be the first application of these standards.

Criterion - 4

Strength

The project team includes members of SCE as participants, with extensive qualifications in their defined areas, their roles and responsibilities are clearly defined.

The team will be led by the Vice President - Advanced Technologies for SCE, who has many years of experience in the utility industry.

Other participants include A123 Systems, a leading developer of lithium-ion batteries, and the California Independent System Operator.

The level of cost share shows a strong corporate commitment. Letters of commitment are provided.

CERTIFICATE OF SERVICE

I hereby certify that, pursuant to the Commission's Rules of Practice and Procedure, I have this day served a true copy SOUTHERN CALIFORNIA EDISON COMPANY'S (U 338-e) NOTICE OF SMART GRID FEDERAL STIMULUS FUNDING AWARD, PURSUANT TO ORDERING PARAGRAPH 1 AND SECTION 3.2 OF D. 09-09-029 on all parties identified on the attached service list(s). Service was effected by one or more means indicated below:

Transmitting the copies via e-mail to all parties who have provided an e-mail address. First class mail will be used if electronic service cannot be effectuated.

Executed this **28th day of January, 2010**, at Rosemead, California.

/s/ Raquel Ippoliti

Raquel Ippoliti
Project Analyst
SOUTHERN CALIFORNIA EDISON COMPANY

2244 Walnut Grove Avenue
Post Office Box 800
Rosemead, California 91770

CPUC Home

CALIFORNIA PUBLIC UTILITIES COMMISSION
Service Lists

PROCEEDING: R0812009 - CPUC - OIR TO CONSID
FILER: CPUC
LIST NAME: LIST
LAST CHANGED: JANUARY 20, 2010

DOWNLOAD THE COMMA-DELIMITED FILE
ABOUT COMMA-DELIMITED FILES

Back to Service Lists Index

Parties

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

JORDAN WHITE
SENIOR ATTORNEY
PACIFICORP
1407 W. NORTH TEMPLE, SUITE 320
SALT LAKE CITY, UT 84116
FOR: PACIFIC POWER

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
GENERAL COUNSEL
GLENDALE WATER AND POWER
141 N. GLENDALE AVENUE, LEVEL 4
GLENDALE, CA 91206-4394
FOR: GLENDALE WATER POWER

DAN DOUGLASS
DOUGLASS & LIDDELL
21700 OXNARD STREET, SUITE 1030
WOODLAND HILLS, CA 91367
FOR: WESTERN POWER TRADING FORUM

FREDRIC C. FLETCHER
ASSISTANT GENERAL MANAGER
BURBANK WATER & POWER
164 WEST MAGNOLIA BLVD.
BURBANK, CA 91502
FOR: BURBANK WATER AND POWER

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-12
SAN DIEGO, CA 92101
FOR: SAN DIEGO GAS & ELECTRIC

LEE BURDICK
ATTORNEY AT LAW
HIGGS, FLETCHER & MACK LLP

DONALD C. LIDDELL
ATTORNEY AT LAW
DOUGLASS & LIDDELL

401 WEST A STREET, STE. 2600
SAN DIEGO, CA 92101
FOR: HIGGS FLETCHER & MACK

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

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)

TAM HUNT
HUNT CONSULTING
124 W. ALAMAR AVE., NO. 3
SANTA BARBARA, CA 93105
FOR: COMMUNITY ENVIRONMENT COUNCIL

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

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

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

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

LARA ETTENSON
NATURAL RESOURCES DEFENSE COUNCIL
111 SUTTER STREET, 20TH FLOOR
SAN FRANCISCO, CA 94104
FOR: NATURAL RESOURCES DEFENSE COUNCIL

MARCEL HAWIGER
ENERGY ATTORNEY
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

SARAH SCHEDLER
FRIENDS OF EARTH
311 CALIFORNIA ST, SUITE 510
SAN FRANCISCO, CA 94104
FOR: FRIENDS OF THE EARTH

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

NORA SHERIFF

HAROLD GALICER

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

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

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
ATTORNEY AT LAW
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

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

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

JOSEPH F. WIEDMAN
KEYES & FOX LLP
5727 KEITH AVENUE
OAKLAND, CA 94618
FOR: GOOGLE INC.

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

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

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

MARTIN HOMEC
PO BOX 4471
DAVIS, CA 95617
FOR: CARE

DAVID ZLOTLOW
CALIFORNIA INDEPENDENT SYSTEM OPRTR CORP
151 BLUE RAVINE RD
FOLSOM, CA 95630
FOR: CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION

DENNIS DE CUIR
DENNIS W. DE CUIR, A LAW CORPORATION
2999 DOUGLAS BOULEVARD, SUITE 325
ROSEVILLE, CA 95661
FOR: GOLDEN STATE WATER COMPANY AND BEAR VALLEY ELECTRIC SERVICE

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

DAN L. CARROLL
ATTORNEY AT LAW
DOWNEY BRAND, LLP

JIM HAWLEY
CALIFORNIA DIRECTOR AND GENERAL COUNSEL
TECHNOLOGY NETWORK

621 CAPITOL MALL, 18TH FLOOR
SACRAMENTO, CA 95814
FOR: MOUNTAIN UTILITIES

1215 K STREET, STE.1900
SACRAMENTO, CA 95814
FOR: TECHNOLOGY NETWORK

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

Information Only

GREY STAPLES
EMAIL ONLY
EMAIL ONLY, CA 00000

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

LAUREN NAVARRO
EMAIL ONLY
EMAIL ONLY, CA 00000

MICHAEL G. NELSON
EMAIL ONLY
EMAIL ONLY, CA 00000

DAVID MORSE
EMAIL ONLY
EMAIL ONLY, CA 00000-0000

RICHARD W. RAUSHENBUSH
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

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

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

BEN BOYD
ACLARA TECHNOLOGIES
3001 RIVER TOWNE WAY, SUITE 403
KNOXVILLE, TN 37920

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

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

STEPHEN THIEL
IBM
1856 LANTANA LANE
FRISCO, TX 75034

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

JIM SUEUGA
VALLEY ELECTRIC ASSOCIATION

PHIL JACKSON
SYSTEM ENGINEER

PO BOX 237
PAHRUMP, NV 89041

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

DAVID SCHNEIDER
LUMESOURCE
8419 LOYOLA BLVD
LOS ANGELES, CA 90045

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

FREEMAN S. HALL
SOLAR ELECTRIC SOLUTIONS, LLC
5353 TOPANGA CANYON BLVD, STE 300
WOODLAND HILLS, CA 91364

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

CASE ADMINISTRATION
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
GOLDEN STATE WATER COMPANY
630 EAST FOOTHILL BOULEVARD
SAN DIMAS, CA 91773

JEFF COX
FUELCELL ENERGY
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
ATTORNEY AT LAW
SAN DIEGO GAS & ELECTRIC COMPANY
101 ASH STREET, HQ12
SAN DIEGO, CA 92101-3017

KIM KIENER
504 CATALINA BLVD
SAN DIEGO, CA 92106

YVONNE GROSS
LEGISLATIVE ANALYSIS MANGER
SEMPRA ENERGY FEDERAL & STATE AFFAIRS
101 ASH STREET, HQ08
SAN DIEGO, CA 92118

REID A. WINTHROP
CORPORATE COUNSEL
PILOT POWER GROUP, INC.
8910 UNIVERSITY CENTER LANE, SUITE 520
SAN DIEGO, CA 92122

CENTRAL FILES
SAN DIEGO GAS & ELECTRIC CO.
8330 CENTURY PARK COURT, CP31-E
SAN DIEGO, CA 92123

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

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

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
42020 GARSTIN DRIVE, PO BOX 1547

DAVID X. KOLK
COMPLETE ENERGY SERVICES INC
41422 MAGNOLIA STREET
MURRIETA, CA 92562

BIG BEAR LAKE, CA 92315-1547

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

JACK ELLIS
PRINCIPAL CONSULTANT
RESERO CONSULTING
490 RAQUEL COURT
LOS ALTOS, CA 94022

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

SUE MARA
RTO ADVISORS, LLC.
164 SPRINGDALE WAY
REDWOOD CITY, CA 94062

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

MOZHI HABIBI
SR. DIRECTOR STRATEGIC MARKETING
VENTYX
1035 DRAKE COURT
SAN CARLOS, CA 94070

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

DIANE FELLMAN
NEXTERA ENERGY RESOURCES LLC
234 VAN NESS AVENUE
SAN FRANCISCO, CA 94102

ELAINE M. DUNCAN
VERIZON CALIFORNIA, INC.
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

AUDREY CHANG
DIRECTOR-CALIFORNIA CLIMATE PROGRAM
NATURAL RESOURCES DEFENSE COUNCIL
111 SUTTER STREET, 20TH FLOOR
SAN FRANCISCO, CA 94104

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

MICHAEL E. CARBOY
MANAGING DIRECTOR-EQUITY RESEARCH
SIGNAL HILL CAPITAL LLC
343 SANSOME STREET, SUITE 950
SAN FRANCISCO, CA 94104

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

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

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

ANNABELLE LOUIE
PACIFIC GAS AND ELECTRIC COMPANY
245 MARKET STREET
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

FRANCES YEE
PACIFIC GAS AND ELECTRIC COMPANY
77 BEALE STREET, MC B10A
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

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

BRIAN CRAGG
ATTORNEY AT LAW
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

CASSANDRA SWEET
DOW JONES NEWSWIRES
201 CALIFORNIA ST., 13TH FLOOR
SAN FRANCISCO, CA 94111

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

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

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

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
ATTORNEY AT LAW
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

SHARON TALBOTT
EMETER CORPORATION
2215 BRIDGEPOINTE PARKWAY, SUITE 300
SAN MATEO, CA 94404

MICHAEL ROCHMAN
MANAGING DIRECTOR
SPURR
1430 WILLOW PASS ROAD, SUITE 240
CONCORD, CA 94520

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

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

JOHN GUTIERREZ
DIRECTOR OF GOVERNMENT AFFAIRS
COMCAST PHONE OF CALIFORNIA LLC
12647 ALCOSTA BLVD., SUITE 200
SAN RAMON, CA 94583

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

VALERIE RICHARDSON
KEMA, INC.
492 NINTH STREET
OAKLAND, CA 94605

NELLIE TONG
SENIOR ANALYST
KEMA, INC.
492 NINTH STREET, SUITE 220
OAKLAND, CA 94607

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

DOCKET COORDINATOR
5727 KEITH ST.
OAKLAND, CA 94618

DAVID MARCUS
ADAMS BROADWELL & JOSEPH
PO BOX 1287
BERKELEY, CA 94701

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

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

RICH QUATTRINI
VICE PRESIDENT - WESTERN REGION
ENERGYCONNECT, INC.
51 E. CAMPBELL AVENUE, SUITE 145
CAMPBELL, CA 95008

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
ATTORNEY AT LAW
MCCARTHY & BERLIN, LLP
100 W. SAN FERNANDO ST., SUITE 501
SAN JOSE, CA 95113

C. SUSIE BERLIN
ATTORNEY AT LAW
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
1231 11TH STREET
MODESTO, CA 95354

DAVID KATES
DAVID MARK & COMPANY
3510 UNOCAL PLACE, SUITE 200
SANTA ROSA, CA 95403

BARBARA R. BARKOVICH
BARKOVICH & YAP, INC.

GAYATRI SCHILBERG
JBS ENERGY SERVICES

44810 ROSEWOOD TERRACE
MENDOCINO, CA 95460

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

MARTIN HOMEC
ATTORNEY AT LAW
CALIFORNIANS FOR RENEWABLE ENERGY, INC.
PO BOX 4471
DAVIS, CA 95617

E-RECIPIENT
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

BRIAN THEAKER
DYNEGY, INC.
3161 KEN DEREK LANE
PLACERVILLE, CA 95667

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

BRIAN GORBAN
SENIOR FINANCIAL ANALYST
CAEATFA
915 CAPITOL MALL, ROOM 468
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

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
AND RENEWABLE TECHNOLOGIES

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

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

MICHELLE GARCIA
CALIFORNIA AIR RESOURCES BOARD
1001 I STREET
SACRAMENTO, CA 95814

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

LYNN HAUG
ELLISON, SCHNEIDER & HARRIS LLP
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
ATTORNEY AT LAW
ELLISON SCHNEIDER & HARRIS L.L.P.
2600 CAPITOL AVENUE, SUITE 400
SACRAMENTO, CA 95816-5905
FOR: SIERRA PACIFIC POWER CORP.

JEDEDIAH J. GIBSON
ELLISON SCHNEIDER & HARRIS LLP
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

TIMOTHY N. TUTT
SACRAMENTO MUNICIPAL UTILITIES DISTRICT
6201 S. STREET, M.S. B404
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

MICHAEL JUNG
POLICY DIRECTOR
SILVER SPRING NETWORKS
555 BROADWAY STREET
REDWOOD CITY, CA 97063

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

MARK TUCKER
PACIFICORP
825 NE MULTNOMAH, SUITE 2000
PORTLAND, OR 97232

State Service

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

EDWARD HOWARD
CALIF PUBLIC UTILITIES COMMISSION
POLICY & PLANNING DIVISION
ROOM 5119
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
CALIF PUBLIC UTILITIES COMMISSION
ENERGY DIVISION
AREA 4-A
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

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

JOYCE DE ROSSETT
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

KEVIN R. DUDNEY
CALIF PUBLIC UTILITIES COMMISSION
ENERGY DIVISION
AREA 4-A
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
EXECUTIVE DIVISION
ROOM 5215
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

MERIDETH STERKEL
CALIF PUBLIC UTILITIES COMMISSION
ENERGY DIVISION
AREA 4-A
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 PRICING AND CUSTOMER PROGRAMS BRA
ROOM 4209
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
SAN FRANCISCO, CA 94102-3214

SCARLETT LIANG-UEJIO
CALIF PUBLIC UTILITIES COMMISSION
ENERGY DIVISION
AREA 4-A
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

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
515 L STREET, SUITE 1119
SACRAMENTO, CA 95814

TOP OF PAGE
BACK TO INDEX OF SERVICE LISTS