

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

**Order Instituting Rulemaking to Implement the Commission's )  
Procurement Incentive Framework and to Examine the )  
Integration of Greenhouse Gas Emissions Standards into )  
Procurement Policies. )**

**Rulemaking 06-04-009  
(Filed April 13, 2006)**

**In the Matter of: )**

**CEC  
Docket 07-OHP-01**

**AB 32 Implementation: Greenhouse Gases. )**

<b>DOCKET</b>	
07-011P-1	
<b>DATE</b>	JUL 26 2007
<b>RECD.</b>	JUL 20 2007

**PREHEARING CONFERENCE STATEMENT  
OF  
THE AMERICAN GAS ASSOCIATION**

Paul Wilkinson  
Vice President-Policy Analysis  
American Gas Association  
400 North Capitol Street, NW  
Washington, DC 20001  
(202) 824-7125  
(202) 824-9135  
[Pwilkinson@aga.org](mailto:Pwilkinson@aga.org)

Pamela A. Lacey  
Senior Managing Counsel  
American Gas Association  
400 North Capitol St. N.W.  
Washington, D.C. 20003  
(202) 824-7340  
(202) 824-7082 - fax  
[placey@aga.org](mailto:placey@aga.org)

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

Order Instituting Rulemaking to Implement the Commission's	)	
Procurement Incentive Framework and to Examine the	)	Rulemaking 06-04-009
Integration of Greenhouse Gas Emissions Standards into	)	(Filed April 13, 2006)
Procurement Policies.	)	
_____	)	
In the Matter of:	)	
	)	
AB 32 Implementation: Greenhouse Gases.	)	Docket 07-OIIP-01
_____	)	

**PREHEARING CONFERENCE STATEMENT  
OF  
THE AMERICAN GAS ASSOCIATION**

**On the Preliminary Recommendations of the California Public  
Utilities Commission Staff for the Treatment of Natural Gas  
Sector Greenhouse Gas Emissions**

**July 26, 2007**

Pursuant to the July 12, 2007 **RULING OF THE ASSIGNED  
ADMINISTRATIVE LAW JUDGES REGARDING COMMENTS ON STAFF  
NATURAL GAS PROPOSAL AND NOTICE OF PREHEARING CONFERENCE**  
(Ruling), the American Gas Association respectfully submits this Prehearing Conference  
Statement.

**I. Introduction**

The American Gas Association (AGA) represents 200 local energy utility companies that deliver natural gas throughout the United States. Our members provide natural gas service to 64 million homes, businesses and industrial facilities and 92 percent of all natural gas that is distributed by local utility companies in this country is distributed by AGA members. In addition, virtually all natural gas distributed in the state of California is provided by AGA member companies. We are very pleased to provide comments to the California Public Utilities Commission on this issue of critical national and global importance.

Given its important historical leadership on environmental issues, it is clear that a greenhouse gas reduction program implemented in California will have an impact on the construction of other state, regional and national programs. We therefore believe that it is important for AGA to comment on the CPUC recommendations. We note, however, that some conditions in California, such as the mix of electricity generation sources, differ from conditions in other states. Therefore, some of our comments may be more applicable in other states or at the national level than in California. Nevertheless, we include these comments for consideration.

## **II. AGA and its members support the need to reduce greenhouse gas emissions.**

A task force of AGA member company chief executives was formed in 2005 to address the issue of climate change. Although the association had developed climate change principles nearly a decade earlier, it was determined that our position should be reevaluated in light of advances in the science of climate change as well as changes in public policy and public opinion. As a result of this reevaluation, a new set of climate change principles was adopted by the AGA Board of Directors on February 19, 2007 (copy attached).

The AGA principles note that reducing greenhouse gas emissions can provide multiple national benefits in addition to environmental benefits, including reducing oil imports and diversifying our electricity generating mix. The principles state that all sectors of the economy should contribute to reducing greenhouse gas emissions, but that a uniform approach for all sectors might not be desirable. That is, an understanding of the contribution of that sector to overall greenhouse gas emissions, and how emissions are generated within that sector should be considered in order to establish the most cost-effective, equitable and efficient reduction program for that sector. This point is particularly germane to the CPUC recommendations.

## **III. Natural gas utilities and their customers should play a significant role in any greenhouse gas reduction program.**

Natural gas is a premiere fuel from an environmental perspective. It emits very low levels of most pollutants relative to other fuels. In addition, natural gas is very efficient in its production, transportation and use. That is, when natural gas is used, very little fuel is wasted from the point of production through consumption. This combination of relatively low pollutant levels and high efficiency levels results in less impact than other fossil fuels with respect to most environmental issues – including climate change, acid rain, urban smog, solid waste, water quality and visibility. This combination of attributes is particularly noteworthy with respect to climate change in that it reflects the two fundamental keys to reducing greenhouse gas emissions - use cleaner fuels and use them as efficiently as possible.

The use of natural gas in high efficiency residential, commercial and industrial applications is key to any attempt to lower U.S. greenhouse gas emissions. From residential water heaters to industrial furnaces and combined heat and power systems, natural gas can provide benefits. Natural gas can also be used to generate electricity.

Gas-fired electric generation is increasing nationally, and supplies at reasonable prices must be made available to facilitate its growth. Since domestic supplies are forecast to remain flat over the short to medium term and decline in the long term, new supply sources, such as imported liquefied natural gas (LNG), are needed to fill the expected gap between supply and demand for natural gas. In addition to natural gas available from many new and existing sources, the use of other means of generating electricity cleanly should be promoted – including nuclear, IGCC, wind, solar and other renewable energy forms.

#### **IV. The differences between natural gas and electric utilities should be recognized in any greenhouse gas reduction program.**

- **Natural gas consumption (and associated greenhouse gas emissions) has grown much more modestly than electricity consumption.** The stated goal of the California Global Warming Solutions Act of 2006 is to reduce greenhouse gas emissions to 1990 levels by 2020. In contrast to other emission sources, natural gas consumption and related greenhouse gas emissions for non-electricity applications have shown very little growth or even declined since 1990. On a national basis, residential natural gas consumption in 2006 was lower than in 1990 and lower than in any year since 1990. Residential and commercial consumption combined were only approximately 2.9 percent higher in 2006 than in 1990. (See: U.S. Energy Information Administration web site.) For the state of California, combined residential/commercial gas consumption was 5 percent lower in 2004 than in 1990. (Data provided by the U. S. Energy Information Administration, *State Energy Consumption, Price and Expenditures Estimates*, June 2007 update; 2004 is the most recent state data available.)
- **Natural gas utilities do not have the same opportunities as electric utilities to control greenhouse gas emissions.** Electric utilities can meet carbon reduction targets either by promoting conservation and efficiency by end-use customers or by the substitution of low-carbon generation options (such as solar, wind, nuclear, and carbon capture and storage). Gas utilities can also promote conservation and efficiency, but they have virtually no ability to substitute low carbon alternatives to natural gas. (There may be some very limited potential through bio gas, landfill methane, or other substitutes.)
- **Natural gas utilities have been very supportive of innovative rate designs which have enhanced their ability to actively promote conservation and efficiency.** Traditional rate design structures often made it difficult for natural gas utilities to aggressively promote natural gas conservation and efficiency by their customers. To do so could have had negative financial consequences as a result of lower volumes of

natural gas transported and sold. California has been a leader in breaking the link between a utility's earnings and energy consumption, having adopted – and maintained – “decoupled” rates for many years. Today, in an effort to more closely align the interests of the consumer and the gas utility with environmental/energy efficiency objectives, a number of states, including California, have moved away from the traditional rate structure to revenue decoupling or other non-volumetric rate designs such as weather normalization, rate stabilization or some form of a flat monthly fee. Currently, 29 states have adopted some form of non-volumetric rate structure, including 11 that have adopted revenue decoupling. In addition, 10 states currently have non-volumetric rate programs pending, including 8 states that are considering revenue decoupling. We believe the adoption of these innovative rate designs has had a significant impact on the ability of gas utilities to promote conservation and efficiency and we believe the stable or declining natural gas consumption levels experienced since 1990 are in part attributable to this promotion.

- **Conservation and efficiency programs can be continued, expanded and/or coupled with new appliance standards and building shell standards to further reduce greenhouse gas emissions.** We believe that these programs have been effective and that further progress is achievable. It is not clear that a cap and trade program in this sector would be more environmentally effective, nor is it clear that such a program would be cost effective or that it would operate smoothly for natural gas utilities. For example, the CPUC already has an aggressive performance-based natural gas efficiency program. That should be further investigated to determine its applicability to the AB 32 targets.

**V. Using natural gas directly in residential, commercial and high efficiency industrial applications can be the most efficient and carbon-effective way to utilize gas.**

Energy is used or lost at various points in the energy chain – energy production, transmission, distribution, conversion to electricity, etc. Thus, residential energy consumption can produce greenhouse gases at the residence, but it also can result in emissions at various points along the chain, from the energy consumption required to run natural gas transmission compressors to the boilers or turbines used to generate electricity. Minimizing energy used or lost along the energy chain minimizes greenhouse gas emissions. When natural gas is used directly in residential, commercial and high efficiency industrial application, it is used very efficiently – only about 10 percent of the energy produced is used or lost as it moves from the point of production to the consumer. In contrast, about 70 percent is lost if the natural gas is converted to electricity in a traditional boiler/steam turbine operation. The loss would be less if the electricity were produced via higher efficiency combined cycle plants, but still in the 45 percent range. (See: *Public Policy and Real Energy Efficiency*, prepared by GARD Analytics for the

American Gas Foundation, October 2005, page iii.) For example, when all energy used or lost is considered, including the energy used by the residential appliance, a natural gas water heater results in about one-third to one-half the CO<sub>2</sub> emissions of an electric resistance water heater.

- **A poorly designed greenhouse gas reduction program could push customers away from natural gas in favor of electricity with negative carbon consequences.** The CPUC draft notes that a hard cap for electric utilities but no cap for natural gas utilities could result in some shifting to natural gas. We believe that if some such shifting did occur it could be a good thing from a greenhouse gas emission perspective and from a practical perspective. As noted above, we believe that using natural gas directly is the most efficient and effective form of use. In fact, however, a more likely result of the CPUC recommendations might be the switching of residential and commercial customers from natural gas to electricity. In a cap and trade system where natural gas utilities have very little ability to produce surplus allowances, in contrast to electric utilities that have the ability to switch their generation mode, we believe that counter-productive gas-to-electric shifting is quite possible. (Altering the generating mode may be less of an option for electric utilities in California due to a lower reliance on coal-based generation for most electric utilities in the state relative to utilities in other parts of the country.) Such shifting would ultimately force the construction of more generating plants when low-carbon emitting generating options are certain to be scarce.
- **Using natural gas in direct residential, commercial and high efficiency industrial applications could reduce the need to construct new electricity generating plants.** Electric utilities are facing very dramatic emission reduction targets and many of the compliance options they are expected to use face serious regulatory, economic and technologic hurdles – from wind and solar power to carbon capture and sequestration technologies to nuclear power. Switching load to residential and commercial natural gas customers may provide an alternative to the construction of new generating plants. This alternative could be particularly important over the next several decades as low carbon generating technologies are in the developmental stage.

**VI. Greenhouse gas emissions attributable to gas utility operations are very modest and utilities have voluntarily been involved in the EPA Star program to ensure that such emissions are minimized.**

Many AGA member companies voluntarily participate in programs to report and/or reduce greenhouse gas emissions. The U.S. Environmental Protection Agency (EPA) has an innovative program called Natural Gas STAR that is a voluntary partnership between EPA and industry to reduce methane emissions from the natural gas system cost-effectively. AGA has been an official endorser and supporter of the EPA Natural Gas STAR program since 1993. The program helps facilitate technology and

idea sharing, so that participants can develop best practices for methane reduction projects. Forty-seven AGA member companies participate. Through 2005, these gas utility companies have implemented STAR projects that have reduced emissions from their transmission, storage and distribution facilities by nearly 46 billion cubic feet.

To put the STAR reductions in perspective, the DOE Energy Information Administration (EIA) reports that in 2005, the U.S. natural gas production, processing, transmission, storage, and distribution segments emitted methane with a CO<sub>2</sub> equivalence of 154.7 million metric tons. (See: U.S. EIA, *Emissions of Greenhouse Gases in the United States, 2005*, p.40.) Of this total, natural gas distribution accounted for 42.6 million metric tons. EIA reports that Natural Gas STAR methane reductions for all 5 natural gas segments totaled 34.7 million metric tons in CO<sub>2</sub> equivalence. Many gas utilities are also involved in projects to voluntarily report greenhouse gas emissions to the U.S. Department of Energy (DOE) and/or the California Climate Action Registry (CCAR).

AGA appreciates the opportunity to comment and to participate in this proceeding. We look forward to working with the Commission and other parties regarding greenhouse gas policies that will affect our natural gas utility members.

Dated this 26<sup>th</sup> day of July, 2007 at Washington, D.C.

Respectfully submitted,

/s/ Paul Wilkinson

Paul Wilkinson  
Vice President-Policy Analysis  
American Gas Association  
400 North Capitol Street, NW  
Washington, DC 20001  
(202) 824-7125  
(202) 824-9135 - fax  
[PaulWilkinson@aga.org](mailto:PaulWilkinson@aga.org)

## ATTACHMENT

### AGA Climate Change Principles

February 19, 2007

---

#### Introduction

Natural gas is a premiere fuel from an environmental perspective. It contains very low levels of most pollutants relative to other fuels. In addition, natural gas is very efficient in its production, transportation and use. That is, when natural gas is used, very little fuel is wasted from the point of production through consumption. This combination of relatively low pollutant levels and high efficiency levels results in less impact than other fuels with respect to most environmental issues – including climate change, acid rain, urban smog, solid waste, water quality and visibility. This combination of attributes is particularly noteworthy with respect to climate change in that it represents the two fundamental keys to reducing greenhouse gas emissions - use clean fuels and use them efficiently.

The use of natural gas in high efficiency residential, commercial and industrial applications is key to any attempt to lower U.S. greenhouse gas emissions. From residential water heaters to industrial furnaces and combined heat and power systems, natural gas can provide benefits. Natural gas can also be used to generate electricity. However, there has been an over-reliance on natural gas for new electricity generators over the past 10 to 15 years, particularly in light of ongoing restrictions to natural gas supplies. Therefore, the use of other means of generating electricity cleanly should be promoted – including nuclear, IGCC, wind, solar and other renewables.

Although natural gas should be a cornerstone in any viable greenhouse gas reduction program, restrictions on access to natural gas supplies and on the infrastructure necessary to produce, transport and import natural gas limit the use of this fuel for environmental gain. In addition, these restrictions have resulted in higher and more volatile natural gas prices, pushing some consumers to less environmentally attractive competing energy forms. The potential for natural gas to contribute from an environmental perspective cannot be realized unless access to the resource is increased.

Although natural gas should be a cornerstone in any viable greenhouse gas reduction program, restrictions on access to natural gas supplies and on the infrastructure necessary to produce, transport and import natural gas limit the use of this fuel for environmental gain. In addition, these restrictions have resulted in higher and more volatile natural gas prices, pushing some consumers to less environmentally attractive competing energy forms. The potential for natural gas to contribute from an environmental perspective cannot be realized unless access to the resource is increased.

Although natural gas should be a cornerstone in any viable greenhouse gas reduction program, restrictions on access to natural gas supplies and on the infrastructure necessary to produce, transport and import natural gas limit the use of this fuel for environmental gain. In addition, these restrictions have resulted in higher and more volatile natural gas prices, pushing some consumers to less environmentally attractive competing energy forms. The potential for natural gas to contribute from an environmental perspective cannot be realized unless access to the resource is increased.

The following Principles elaborate on how natural gas can most effectively be used to reduce greenhouse gas emissions while protecting the interests of homeowners, small businesses and manufacturers.

**1. Based on a growing understanding of the science of climate change, reasonable and responsible federal action to reduce greenhouse gas emissions is warranted. Such action must be developed in concert with national energy and economic conditions and goals.**

- The causes and potential effects of climate change are complex, and total agreement on these issues is highly unlikely. Scientific and public opinion have become more definitive over time and together suggest we have reached a tipping point on the issue – we should fully expect political action to follow.
- The principal means of reducing greenhouse gas emissions and the potential for climate change is to use cleaner energy sources and to more efficiently utilize all forms of energy. These actions should be promoted in that they can provide multiple national benefits, from lowering consumer energy bills to reducing oil imports and diversifying our electricity generating mix.
- Reducing greenhouse gas emissions can be very costly, and any control program implemented should include a comprehensive evaluation of all associated costs and benefits – from the point of energy production through energy consumption.
- AGA will evaluate climate change proposals to determine their impact on natural gas utilities, energy markets and our customers.

**2. All sectors of the economy should contribute to reducing greenhouse gas emissions and any control program should seek to maximize efficiency and effectiveness while minimizing overall costs. Each sector should be dealt with in a manner consistent with its economic impact, its contribution to the problem and the degree to which it can help reduce greenhouse gas emissions; therefore a uniform program for all sectors may not be desirable.**

- Greenhouse gases are emitted throughout all sectors of the economy and reductions are achievable in all sectors. However, it is clear that emissions are fairly concentrated and that some sectors account for a relatively small percentage of total overall emissions. For example, residential natural gas users account for only about 5 percent of total U.S. fossil-fuel CO<sub>2</sub> emissions. An effective climate change program must recognize the differences in sectoral contributions and in potential sectoral reduction strategies. For example in the transportation sector, revised CAFÉ standards might be more effective than a gasoline tax.
- Natural gas utilities, in addition to reducing their own operational emissions, can assist their customers in reducing emissions by providing a variety of services, information and programs and by supporting strong but reasonable building and appliance efficiency codes and standards. Further, a number of gas utilities have worked with their state regulators to develop rate structures that allow them to promote efficiency by their customers without causing financial hardship to the utility.

**3. High efficiency end-use natural gas applications should be a cornerstone of any greenhouse gas emission reduction program.**

- In addition to containing significantly lower levels of greenhouse gases than other fuels, natural gas is also very efficient to transport and use. Thus, using natural gas in place of other fuels can provide energy to consumers while reducing emissions. When a complete environmental assessment is made, including consideration of all emissions from the point of production through consumption, natural gas is particularly attractive. For example, using gas-fired residential water heaters ultimately results in about one-third the CO<sub>2</sub> emissions of electric water heaters.
- The use of natural gas for traditional applications with high efficiency equipment can significantly reduce greenhouse gas emissions relative to equipment fueled by other energy forms or by older natural gas equipment. In addition, new natural gas-based applications, such as combined heat and power systems, fuel cells and natural gas vehicles offer similar benefits.

**4. A diverse mix of low greenhouse gas emitting energy sources – including solar, wind and other renewables, clean coal and nuclear power – should be promoted for both new and existing large-scale electricity generation facilities.**

- Natural gas can be used to generate electricity in both small- and large-scale applications with high efficiency and relatively low emissions of CO<sub>2</sub>.
- However, partly attributable to its environmental performance, natural gas has become almost the sole source of new electricity generating capacity in the U.S. The demand growth in gas-fired electricity generation, in conjunction with severe constraints to increasing natural gas supplies, is a significant factor in the dramatic increase in natural gas prices since 2000.
- Other low CO<sub>2</sub>-emitting forms of electricity generation should be promoted in order to reduce emissions without further exacerbating the reliance on natural gas.

**5. Natural gas prices have risen significantly in recent years, and climate change mitigation actions should be carefully constructed so that the potential benefits of natural gas are not impeded.**

- The price of natural gas has risen dramatically over the past 6 years. For example, residential natural gas prices are up roughly 60 percent since 2000. These high prices have strained consumers, particularly low income consumers, while also contributing to industrial plant shutdowns and unemployment.
- Residential consumers have reduced their consumption of natural gas by 25 percent per household since 1980, largely attributable to tighter homes and more efficient appliances. Any climate change mitigation actions should be carefully structured so that they do not have the unintended consequence of diverting energy consumers from natural gas to less efficient and more polluting competing energy forms.
- Natural gas utilities can effectively help reduce greenhouse gas emissions through programs aimed at increasing customer awareness of energy efficient technologies and practices, rate structures that promote efficiency, support of codes and standards that promote efficient homes and appliances, and other measures developed by natural gas utilities in concert with their customers and public utility commissions.

**6. Any emission reduction program should focus on energy consumers and/or producers, not on local distribution companies.**

- How much energy is used in our economy is determined fundamentally by the producers and consumers of that energy. Producers decide how much to produce at various market price levels, and consumers decide how much to consume and how and when to invest in energy consuming equipment of various efficiency capabilities. Because producers and consumers make these fundamental decisions, any climate change program must focus on them – in terms of procuring allowances, reporting requirements, etc.
- Local natural gas utilities merely transport energy; they do not make the fundamental decisions about energy consumption levels and equipment purchases.
- Local natural gas utilities do consume a small amount of energy in the equipment used to transport and store gas and some very minor volumes of natural gas may also leak at various points in their system. The energy that is used or lost by the local utility is generally 1 percent or less of their total throughput, and gas utilities have been working with the Environmental Protection Agency and others to research, develop and deploy new technologies that minimize system leakage. In any climate change program, local natural gas utilities should be responsible for the energy actually used or lost in their daily operations.

**7. In order for natural gas to fully contribute in terms of reducing greenhouse gas emissions, natural gas supplies must be increased.**

- The wise use of natural gas can help ease a number of environmental problems – including climate change, acid rain, urban smog, visibility and water quality issues.
- However, drilling for natural gas is prohibited off the East Coast of the U.S., the West Coast, the eastern Gulf of Mexico and much of the Intermountain West. Public policy must allow greater access to natural gas in these areas. Additionally, attempts to increase natural gas supply infrastructure, from LNG receiving terminals to underground pipelines and storage facilities, should be promoted by national energy policy. Consistent with this policy direction, increased access to natural gas resources and the development of requisite infrastructure should proceed in a manner that ensures careful siting and operation of production and delivery facilities.
- The demand for natural gas is likely to increase by 20 to 30 percent over the next 15 years based on both economic growth and environmental grounds. Meeting national goals - both environmental and economic – will require greater access to domestic and international gas supplies.

### **Certificate of Service**

I certify that, pursuant to the Commission's Rules of Practice and Procedure, I have this day, by mail, or by electronic mail to the parties for which an electronic mail address has been provided, served a true copy of the Prehearing Conference Statement of the American Gas Association on all parties identified on the attached service list for R.06-04-009.

Executed this 26<sup>th</sup> day of July, 2007, at Washington, D.C.

/s/ Pamela A. Lacey

Senior Managing Counsel  
American Gas Association  
400 North Capitol St. N.W.  
Washington, D.C. 20003  
(202) 824-7340  
(202) 824-7082 - fax  
[placey@aga.org](mailto:placey@aga.org)

# CALIFORNIA PUBLIC UTILITIES COMMISSION

## Service List

**Proceeding: R0604009 - CPU C - PG&E, SDG&E, Filer:**  
**CPUC - PG&E, SDG&E, SOCALGAS, EDISON List**  
**Last Updated: July 25, 2007**

STEVEN S. SCHLEIMER  
DIRECTOR, COMPLIANCE  
BARCLAYS BANK, PLC  
200 PARK AVENUE, FIFTH FLOOR  
NEW YORK, NY 10166

STEVEN HUHMAN  
MORGAN STANLEY CAPITAL GROUP INC.  
2000 WESTCHESTER AVENUE  
PURCHASE, NY 10577

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

KEITH R. MCCREA  
ATTORNEY AT LAW  
SUTHERLAND, ASBILL & BRENNAN, LLP 1275  
PENNSYLVANIA AVE., N.W. WASHINGTON, DC  
20004-2415

ADAM J. KATZ  
MCDERMOTT WILL & EMERY LLP  
600 13TH STREET, NW.  
WASHINGTON, DC 20005

CATHERINE M. KRUPKA MCDERMOTT WILL  
AND EMERY LLP 600 THIRTEEN  
STREET, NW WASHINGTON, DC 20005

LISA M. DECKER  
CONSTELLATION ENERGY GROUP, INC.  
111 MARKET PLACE, SUITE 500  
BALTIMORE, MD 21202

KEVIN BOUDREAUX  
CALPINE POWER AMERICA-CA, LLC 717  
TEXAS AVENUE, SUITE 1000 HOUSTON,  
TX 77002

THOMAS DILL  
PRESIDENT  
LODI GAS STORAGE, L.L.C.  
1021 MAIN ST STE 1500  
HOUSTON, TX 77002-6509

E.J. WRIGHT  
OCCIDENTAL POWER SERVICES, INC. 5  
GREENWAY PLAZA, SUITE 110  
HOUSTON, TX 77046

PAUL M. SEBY  
MCKENNA LONG & ALDRIDGE LLP 1875  
LAWRENCE STREET, SUITE 200 DENVER, CO  
80202

TIMOTHY R. ODIL  
MCKENNA LONG & ALDRIDGE LLP 1875  
LAWRENCE STREET, SUITE 200 DENVER, CO  
80202

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

JOHN B. WELDON, JR.  
SALMON, LEWIS & WELDON, P.L.C.  
2850 EAST CAMELBACK ROAD, SUITE 200  
PHOENIX, AZ 85016

KELLY BARR  
MANAGER, REGULATORY AFFAIRS & CONTRACTS SALT  
RIVER PROJECT  
PO BOX 52025, PAB 221  
PHOENIX, AZ 85072-2025

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

ROGER C. MONTGOMERY  
VICE PRESIDENT, PRICING  
SOUTHWEST GAS CORPORATION  
PO BOX 98510  
LAS VEGAS, NV 89193-8510

RONALD F. DEATON  
LOS ANGELES DEPARTMENT OF WATER & POWER 111  
NORTH HOPE STREET, ROOM 1550  
LOS ANGELES, CA 90012

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

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

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

DENNIS M.P. EHRLING  
ATTORNEY AT LAW  
KIRKPATRICK & LOCKHART NICHOLSON GRAHAM 10100  
SANTA MONICA BLVD., 7TH FLOOR LOS ANGELES, CA  
90067

GREGORY KOISER  
CONSTELLATION NEW ENERGY, INC.  
350 SOUTH GRAND AVENUE, SUITE 3800  
LOS ANGELES, CA 90071

NORMAN A. PEDERSEN  
ATTORNEY AT LAW  
HANNA AND MORTON, LLP 444  
SOUTH FLOWER STREET, LOS NO. 1500  
ANGELES, CA 90071

MICHAEL MAZUR  
CHIEF TECHNICAL OFFICER  
3 PHASES ENERGY SERVICES, LLC  
2100 SEPULVEDA BLVD., SUITE 38  
MANHATTAN BEACH, CA 90266

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

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

MAUREEN LENNON  
CALIFORNIA COGENERATION COUNCIL 595 EAST  
COLORADO BLVD., SUITE 623 PASADENA, CA  
91101

RICHARD HELGESON  
SOUTHERN CALIFORNIA PUBLIC POWER AUTHORITY  
225 S. LAKE AVE., SUITE 1250  
PASADENA, CA 91101

DANIEL W. DOUGLASS  
ATTORNEY AT LAW  
DOUGLASS & LIDDELL  
21700 OXNARD STREET, SUITE 1030  
WOODLAND HILLS, CA 91367

PAUL DELANEY  
AMERICAN UTILITY NETWORK (A.U.N.) 10705  
DEER CANYON DRIVE  
ALTA LOMA, CA 91737

AKBAR JAZAYEIRI  
DIRECTOR OF REVENUE & TARIFFS SOUTHERN  
CALIFORNIA EDISON COMPANY 2244 WALNUT  
GROVE AVE. ROOM 390 ROSEMEAD, CA 91770

ANNETTE GILLIAM  
ATTORNEY AT LAW  
SOUTHERN CALIFORNIA EDISON COMPANY  
2244 WALNUT GROVE AVENUE  
ROSEMEAD, CA 91770

CATHY A. KARLSTAD  
SOUTHERN CALIFORNIA EDISON COMPANY 2244  
WALNUT GROVE AVE.  
ROSEMEAD, CA 91770

LAURA I. GENAO  
ATTORNEY  
SOUTHERN CALIFORNIA EDISON  
2244 WALNUT GROVE AVENUE  
ROSEMEAD, CA 91770

RONALD MOORE  
GOLDEN STATE WATER/BEAR VALLEY ELECTRIC 630  
EAST FOOTHILL BOULEVARD  
SAN DIMAS, CA 91773

DON WOOD  
PACIFIC ENERGY POLICY CENTER 4539  
LEE AVENUE  
LA MESA, CA 91941

AIMEE M. SMITH  
ATTORNEY AT LAW  
SEMPRA ENERGY 101  
ASH STREET SAN HQ13  
DIEGO, CA 92101

ALLEN K. TRIAL  
SDGE&SCG HQ-13  
101 ASH STREET  
SAN DIEGO, CA 92101

DAN HECHT  
SEMPRA ENERGY 101  
ASH STREET  
SAN DIEGO, CA 92101

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

SYMONE VONGDEUANE  
SEMPRA ENERGY SOLUTIONS 101  
ASH STREET, HQ09  
SAN DIEGO, CA 92101-3017

THEODORE ROBERTS ATTORNEY AT  
LAW  
SEMPRA GLOBAL  
101 ASH STREET, HQ 13D SAN  
DIEGO, CA 92101-3017

DONALD C. LIDDELL, P.C.  
DOUGLASS & LIDDELL 2928 2ND  
AVENUE  
SAN DIEGO, CA 92103

JOSEPH R. KLOBERDANZ  
SAN DIEGO GAS & ELECTRIC PO  
BOX 1831  
SAN DIEGO, CA 92112

MARCIE MILNER  
DIRECTOR -REGULATORY AFFAIRS SHELL  
TRADING GAS & POWER COMPANY 4445  
EASTGATE MALL, SUITE 100  
SAN DIEGO, CA 92121

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

THOMAS DARTON  
PILOT POWER GROUP, INC.  
9320 CHESAPEAKE DRIVE, SUITE 112 SAN  
DIEGO, CA 92123

STEVE RAHON  
DIRECTOR, TARIFF & REGULATORY ACCOUNTS  
SAN DIEGO GAS & ELECTRIC COMPANY  
8330 CENTURY PARK COURT, CP32C  
SAN DIEGO, CA 92123-1548

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

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

TAMLYN M. HUNT  
ENERGY PROGRAM DIRECTOR  
COMMUNITY ENVIRONMENTAL 26 COUNCIL  
ANAPAMU ST., 2/F SANTA  
BARBARA, CA 93101

JEANNE M. SOLE  
DEPUTY CITY ATTORNEY  
CITY AND COUNTY OF SAN FRANCISCO 1  
DR. CARLTON B. GOODLETT PLACE, SAN RM. 234  
FRANCISCO, CA 94102

JOHN P. HUGHES  
MANAGER, REGULATORY AFFAIRS SOUTHERN  
CALIFORNIA EDISON COMPANY 601 VAN NESS  
AVENUE, STE. 2040  
SAN FRANCISCO, CA 94102

LAD LORENZ  
V.P. REGULATORY AFFAIRS SOUTHERN  
CALIFORNIA GAS COMPANY 601 VAN  
NESS AVENUE, SUITE 2060 SAN  
FRANCISCO, CA 94102

MARCEL HAWIGER  
THE UTILITY REFORM NETWORK 711 VAN  
NESS AVENUE, SUITE 350 SAN  
FRANCISCO, CA 94102

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

DIANA L. LEE  
CALIF PUBLIC UTILITIES COMMISSION LEGAL  
DIVISION  
ROOM 4300  
505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3214

F. JACKSON STODDARD  
CALIF PUBLIC UTILITIES COMMISSION LEGAL  
DIVISION  
ROOM 5125  
505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3214

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

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

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

SEEMA SRINIVASAN  
ATTORNEY AT LAW  
ALCANTAR & KARL, LLP  
120 MONTGOMERY STREET, SUITE 2200  
SAN FRANCISCO, CA 94104

WILLIAM H. CHEN  
CONSTELLATION NEWENERGY, INC.  
SPEAR TOWER, 36TH FLOOR  
ONE MARKET STREET  
SAN FRANCISCO, CA 94105

BRIAN K. CHERRY  
DIRECTOR REGULATORY RELATIONS  
PACIFIC GAS AND ELECTRIC COMPANY  
77 BEALE STREET, BLOC  
SAN FRANCISCO, CA 94106

EDWARD G POOLE  
ANDERSON DONOVAN & POOLE  
601 CALIFORNIA STREET SUITE 1300 SAN  
FRANCISCO, CA 94108

ANN G. GRIMALDI  
MCKENNA LONG & ALDRIDGE LLP  
101 CALIFORNIA STREET, 41ST FLOOR  
SAN FRANCISCO, CA 94111

BRIAN T. CRAGG  
ATTORNEY AT LAW  
GOODIN, MACBRIDE, SQUERI, 505RITCHIE & DAY 900  
SANSOME STREET, SUITE SAN  
FRANCISCO, CA 94111

JAMES D. SQUERI  
ATTORNEY AT LAW  
GOODIN MACBRIDE SQUERI RITCHIE & DAY LLP  
505 SANSOME STREET, STE 900 SAN  
FRANCISCO, CA 94111

JEANNE B. ARMSTRONG  
ATTORNEY AT LAW  
GOODIN MACBRIDE SQUERI RITCHIE & DAY LLP  
505 SANSOME STREET, SUITE 900 SAN  
FRANCISCO, CA 94111

KAREN BOWEN  
ATTORNEY AT LAW  
WINSTON & STRAWN LLP  
101 CALIFORNIA STREET SAN  
FRANCISCO, CA 94111

LISA A. COTTLE  
ATTORNEY AT LAW  
WINSTON & STRAWN LLP  
101 CALIFORNIA STREET, 39TH SAN FLOOR  
FRANCISCO, CA 94111

SEAN P. BEATTY  
ATTORNEY AT LAW  
COOPER, WHITE & COOPER, LLP 201  
CALIFORNIA ST., 17TH FLOOR SAN  
FRANCISCO, CA 94111

JOSEPH M. KARP  
ATTORNEY AT LAW  
WINSTON & STRAWN LLP  
101 CALIFORNIA STREET  
SAN FRANCISCO, CA 94111-5802

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

CHRISTOPHER J. WARNER  
PACIFIC GAS AND ELECTRIC COMPANY 77  
BEALE STREET, PO BOX 7442  
SAN FRANCISCO, CA 94120-7442

SARA STECK MYERS  
ATTORNEY AT LAW 122  
28TH AVENUE SAN  
FRANCISCO, CA 94121

LARS KVALE  
CENTER FOR RESOURCE SOLUTIONS  
PRESIDIO BUILDING 97  
PO BOX 39512  
SAN FRANCISCO, CA 94129

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

JENNIFER CHAMBERLIN  
STRATEGIC ENERGY, LLC 2633  
WELLINGTON CT. CLYDE, CA  
94520

KERRY HATTEVIK MIRANT  
CORPORATION 696 WEST  
10TH STREET PITTSBURG,  
CA 94565

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

WILLIAM H. BOOTH  
ATTORNEY AT LAW  
LAW OFFICES OF WILLIAM H. BOOTH  
1500 NEWELL AVENUE, 5TH FLOOR  
WALNUT CREEK, CA 94596

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

JANILL RICHARDS  
DEPUTY ATTORNEY GENERAL CALIFORNIA  
ATTORNEY GENERAL'S 1515 CLAY OFFICE  
STREET, 20TH FLOOR OAKLAND, CA  
94702

CLIFF CHEN  
UNION OF CONCERNED SCIENTIST 2397  
SHATTUCK AVENUE, STE 203 BERKELEY,  
CA 94704

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

R. THOMAS BEACH  
CROSSBORDER ENERGY  
2560 NINTH STREET, SUITE 213A  
BERKELEY, CA 94710-2557

BARRY F. MCCARTHY  
ATTORNEY AT LAW MCCARTHY  
& BERLIN, LLP 100 PARK  
CENTER PLAZA, SAN JOSE, SUITE 501  
CA 95113

C. SUSIE BERLIN  
ATTORNEY AT LAW  
MC CARTHY & BERLIN, LLP  
100 PARK CENTER PLAZA, SUITE 501 SAN  
JOSE, CA 95113

MIKE LAMOND  
ALPINE NATURAL GAS OPERATING CO.  
#1 LLC  
PO BOX 550  
VALLEY SPRINGS, CA 95252

JOY A. WARREN ATTORNEY  
AT LAW MODESTO  
IRRIGATION 1231 11TH DISTRICT  
STREET MODESTO, CA  
95354

BALDASSARO DI CAPO  
151 BLUE RAVINE  
ROAD FOLSOM, CA 95630

JOHN JENSEN PRESIDENT  
MOUNTAIN UTILITIES PO  
BOX 205 KIRKWOOD, CA  
95646

MARY LYNCH  
VP - **REGULATORY** AND LEGISLATIVE AFFAIRS  
CONSTELLATION ENERGY COMMODITIES GROUP  
2377 GOLD MEDAL WAY, SUITE 100  
GOLD RIVER, CA 95670

LEONARD DEVANNA  
EXECUTIVE VICE PRESIDENT CLEAN  
ENERGY SYSTEMS, INC. 11330  
SUNCO DRIVE, SUITE A RANCHO  
CORDOVA, CA 95742

ANDREW BROWN  
ATTORNEY AT LAW  
ELLISON, SCHNEIDER & HARRIS, LLP  
2015 H STREET  
SACRAMENTO, CA 95811

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

GREGGORY L. WHEATLAND  
ATTORNEY AT LAW  
ELLISON, SCHNEIDER & HARRIS, LLP  
2015 H STREET  
SACRAMENTO, CA 95814

JANE E. LUCKHARDT  
ATTORNEY AT LAW  
DOWNEY BRAND LLP  
555 CAPITOL MALL, 10TH FLOOR  
SACRAMENTO, CA 95814

JEFFERY D. HARRIS  
ATTORNEY AT LAW  
ELLISON, SCHNEIDER & HARRIS LLP  
2015 H STREET  
SACRAMENTO, CA 95814

VIRGIL WELCH  
CLIMATE CAMPAIGN COORDINATOR  
ENVIRONMENTAL DEFENSE  
1107 9TH STREET, SUITE 540  
SACRAMENTO, CA 95814

WILLIAM W. WESTERFIELD, 111  
ATTORNEY AT LAW  
ELLISON, SCHNEIDER & HARRIS L.L.P.  
2015 H STREET  
SACRAMENTO, CA 95814

DOWNEY BRAND  
JANE E. LUCKHARDT  
555 CAPITOL MALL, 10TH FLOOR  
SACRAMENTO, CA 95814-4686

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

STEVEN M. COHN  
ASSISTANT GENERAL COUNSEL  
SACRAMENTO MUNICIPAL UTILITY PO DISTRICT  
BOX 15830  
SACRAMENTO, CA 95852-1830

ANN L. TROWBRIDGE ATTORNEY  
AT LAW  
DAY CARTER & MURPHY, LLP  
3620 AMERICAN RIVER DRIVE, SUITE 205  
SACRAMENTO, CA 95864

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

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

DONALD BROOKHYSER  
ALCANTAR & KARL  
1300 SW FIFTH AVE., SUITE 1750  
PORTLAND, OR 97210

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

KYLE L. DAVIS  
PACIFICORP  
825 NE MULTNOMAH,  
PORTLAND, OR 97232

RYAN FLYNN  
PACIFICORP  
825 NE MULTNOMAH STREET, 18TH FLOOR  
PORTLAND, OR 97232

TARA KNOX  
AVISTA CORPORATION PO  
BOX 3727 SPOKANE, WA  
99220

IAN CARTER  
POLICY COORDINATOR-NORTH AMERICA  
INTERNATIONAL EMISSIONS TRADING ASSN. 350  
SPARKS STREET, STE. 809  
OTTAWA, ON K1R 7S8  
CANADA

JASON DUBCHAK  
ASSOCIATE GENERAL COUNSEL WILD  
GOOSE STORAGE, LLC 1200 855  
2ND STREET, S.W. CALGARY, AB  
T2P 4Z5 CANADA

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

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

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

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

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

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

ELIZABETH ZELLJADT  
1725 I STREET, N.W. SUITE 300  
WASHINGTON, DC 20006

DALLAS BURT RAW  
1616 P STREET, NW  
WASHINGTON, DC 20036

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

KYLE D. BOUDREAUX  
FPL GROUP  
700 UNIVERSE BLVD., JES/JB JUNO  
BEACH, FL 33408

ANDREW BRADFORD  
SENIOR MARKET RESEARCH ASSOCIATE  
FELLON-MCCORD & ASSOCIATES  
SUITE 2000  
9960 CORPORATE CAMPUS DRIVE  
LOUISVILLE, KY 40223

GARY BARCH FELLON-  
MCCORD SUITE 2000 ASSOCIATES, INC.  
9960 CORPORATE  
LOUI SVILLE , KY CAMPUS DRIVE  
40223

RALPH E. DENNIS  
DIRECTOR, REGULATORY AFFAIRS FELLON-MCCORD  
& ASSOCIATES CONSTELLATION NEWENERGY-GAS  
DIVISION 9960 CORPORATE CAMPUS DRIVE, STE  
2000 LOUISVILLE, KY 40223

SAMARA MINDEL  
REGULATORY AFFAIRS ANALYST  
FELLON-MCCORD & ASSOCIATES 9960  
CORPORATE CAMPUS DRIVE, SUITE 2000  
LOUISVILLE, KY 40223

BARRY RABE  
1427 ROSS STREET  
PLYMOUTH, MI 48170

CATHY S. WOOLLUMS  
MIDAMERICAN ENERGY HOLDINGS COMPANY  
106 EAST SECOND STREET  
DAVENPORT, IA 52801

BRIAN POTTS  
FOLEY & LARDNER  
PO BOX 1497  
150 EAST GILMAN STREET  
MADISON, WI 53701-1497

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

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

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

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

JULIE L. MARTIN  
WEST ISO COORDINATOR  
NORTH AMERICA GAS AND POWER BP  
ENERGY COMPANY  
501 WESTLAKE PARK BLVD. HOUSTON,  
TX 77079

ED CHIANG  
ELEMENT MARKETS, LLC  
ONE SUGAR CREEK CENTER BLVD., SUITE 250 SUGAR  
LAND, TX 77478

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

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

ELIZABETH BAKER  
SUMMIT BLUE CONSULTING 1722 14TH  
STREET, SUITE 230 BOULDER, CO  
80304

KEVIN J. SIMONSEN  
ENERGY MANAGEMENT SERVICES  
646 EAST THIRD AVENUE  
DURANGO, CO 81301

PHILIP D. LUSK  
WESTERN ELECTRICITY COORDINATING COUNCIL 615  
ARAPEEN DRIVE, SUITE 210  
SALT LAKE CITY, UT 84108-1262

SANDRA EL Y  
NEW MEXICO ENVIRONMENT DEPARTMENT  
1190 ST FRANCIS DRIVE  
SANTA FE, NM 87501

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

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

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

RANDY SABLE  
SOUTHWEST GAS CORPORATION MAILS  
TOP: LVB-105  
5241 SPRING MOUNTAIN ROAD LAS  
VEGAS, NV 89193

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

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

MERIDITH J. STRAND  
SENIOR COUNSEL  
SOUTHWEST GAS CORPORATION PO  
BOX 98510  
LAS VEGAS, NV 89193-8510

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

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

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

TREVOR DILLARD  
SIERRA PACIFICPOWER COMPANY  
PO BOX 10100  
6100 NEIL ROAD, MS S4A50  
RENO, NV 89520

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

FRANK LUCHETTI  
NEVADA DIV. OF ENVIRONMENTAL PROTECTION 901 S.  
STEWART ST., SUITE 4001  
CARSON CITY, NV 89701

LEILANI JOHNSON KOWAL  
LOS ANGELES DEPT. OF WATER AND POWER 111 N.  
HOPE STREET, ROOM 1050  
LOS ANGELES, CA 90012

RANDY S. HOWARD  
LOS ANGELES DEPT. OF WATER AND POWER 111  
NORTH HOPE STREET, ROOM 921  
LOS ANGELES, CA 90012

ROBERT L. PETTINATO  
LOS ANGELES DEPARTMENT OF WATER & POWER  
111 NORTH HOPE STREET, SUITE 1150  
LOS ANGELES, CA 90012

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

RASHA PRINCE  
SOUTHERN CALIFORNIA GAS COMPANY 555  
WEST 5TH STREET, GT14D6  
LOS ANGELES, CA 90013

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

S. NANCY WHANG  
ATTORNEY AT LAW  
MANATT, PHELPS & PHILLIPS, LLP  
11355 WEST OLYMPIC BLVD.  
LOS ANGELES, CA 90064

DEREK MARKOLF  
CALIFORNIA CLIMATE ACTION REGISTRY 515  
S. FLOWER STREET, SUITE 1640 LOS  
ANGELES, CA 90071

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

STEVE ENDO  
DEPARTMENT OF WATER & POWER  
150 S LOS ROBLES AVE., STE. 200  
PASADENA, CA 91101

STEVEN G. LINS  
CITY OF GLENDALE  
OFFICE OF THE CITY ATTORNEY 613  
EAST BROADWAY, SUITE 220 GLENDALE,  
CA 91206-4394

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

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

ROGER PELOTE  
WILLIAMS POWER COMPANY 12736  
CALIFA STREET VALLEY VILLAGE,  
CA 91607

AIMEE BARNES  
MANAGER REGULATORY AFFAIRS  
ECOSECURITIES  
HARVARD SQUARE  
206 W. BONITA AVENUE  
CLAREMONT, CA 91711

CASE ADMINISTRATION  
SOUTHERN CALIFORNIA EDISON COMPANY 2244  
WALNUT GROVE AVE., RM. 370  
ROSEMEAD, CA 91770

TIM HEMIG  
NRG ENERGY, INC.  
1819 ASTON AVENUE, SUITE 105 CARL  
S BAD , CA 92008

BARRY LOVELL  
15708 POMERADO RD., SUITE 203  
POWAY, CA 92064

ALDYN HOEKSTRA  
PACE GLOBAL ENERGY SERVICES  
420 WEST BROADWAY, 4TH FLOOR  
SAN DIEGO, CA 92101

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

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

KIM KIENER  
504 CATALINA BLVD. SAN  
DIEGO, CA 92106

SCOTT J. ANDERS  
RESEARCH/ADMINISTRATIVE DIRECTOR SCHOOL  
UNIVERSITY OF SAN DIEGO OF LAW  
5998 ALCALA PARK  
SAN DIEGO, CA 92110

ANDREW MCALLISTER  
DIRECTOR OF OPERATIONS  
CALIFORNIA CENTER FOR SUSTAINABLE 8690ENERGY  
BALBOA AVE., SUITE 100  
SAN DIEGO, CA 92123

JACK BURKE  
LEGISLATIVE AFFAIRS MANAGER CALIFORNIA  
CENTER FOR SUSTAINABLE 8690 BALBOA ENERGY  
AVE., SUITE 100  
SAN DIEGO, CA 92123

JENNIFER PORTER  
POLICY ANALYST  
CALIFORNIA CENTER FOR SUSTAINABLE 8690ENERGY  
BALBOA AVENUE, SUITE 100  
SAN DIEGO, CA 92123

SEPHRA A. NINOW  
POLICY ANALYST  
CALIFORNIA CENTER FOR SUSTAINABLE 8690ENERGY  
BALBOA AVENUE, SUITE 100  
SAN DIEGO, CA 92123

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

ORLANDO B. FOOTE, III ATTORNEY  
AT LAW  
HORTON, KNOX, CARTER & FOOTE  
895 BROADWAY, SUITE 101  
EL CENTRO, CA 92243

ELSTON K. GRUBAUGH  
IMPERIAL IRRIGATION DISTRICT 333  
EAST BARIONI BLVD. IMPERIAL, CA  
92251

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

GLORIA D. SMITH  
ADAMS, BROADWELL, JOSEPH & CARDOZO 601  
GATEWAY BLVD., SUITE 1000 SOUTH SAN  
FRANCISCO, CA 94080

MARC D. JOSEPH  
ADAMS BRADWELL JOSEPH & CARDOZO  
601 GATEWAY BLVD. STE 1000 SOUTH  
SAN FRANCISCO, CA 94080

DIANE I. FELLMAN  
ATTORNEY AT LAW  
LAW OFFICES OF DIANE I. FELLMAN 234  
VAN NESS AVENUE  
SAN FRANCISCO, CA 94102

HAYLEY GOODSON  
ATTORNEY AT LAW  
THE UTILITY REFORM NETWORK 711  
VAN NESS AVENUE, SUITE 350 SAN  
FRANCISCO, CA 94102

MATTHEW FREEDMAN  
ATTORNEY AT LAW  
THE UTILITY REFORM NETWORK  
711 VAN NESS AVENUE, SUITE 350 SAN  
FRANCISCO, CA 94102

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

DAN ADLER  
DIRECTOR, TECH AND POLICY DEVELOPMENT  
CALIFORNIA CLEAN ENERGY FUND  
5 THIRD STREET, SUITE 1125  
SAN FRANCISCO, CA 94103

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

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

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

AMBER MAHONE  
ENERGY & ENVIRONMENTAL ECONOMICS, INC. 101  
MONTGOMERY STREET, SUITE 1600  
SAN FRANCISCO, CA 94104

ANNABELLE MALINS CONSUL-SCIENCE  
AND TECHNOLOGY BRITISH  
CONSULATE-GENERAL ONE SANSOME  
STREET, SUITE 850 SAN  
FRANCISCO, CA 94104

DEVRA WANG  
NATURAL RESOURCES DEFENSE COUNCIL 111  
SUTTER STREET, 20TH FLOOR SAN  
FRANCISCO, CA 94104

ERIC WANLESS  
NATURAL RESOURCES DEFENSE COUNCIL  
111 SUTTER STREET, 20TH FLOOR  
SAN FRANCISCO, CA 94104

KAREN TERRANOVA  
ALCANTAR & KARL, LLP  
120 MONTGOMERY STREET, STE 2200  
SAN FRANCISCO, CA 94104

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

OLOF BYSTROM  
DIRECTOR, WESTERN ENERGY  
CAMBRIDGE ENERGY RESEARCH ASSOCIATES 555  
CALIFORNIA STREET, 3RD FLOOR SAN  
FRANCISCO, CA 94104

SETH HILTON  
ATTORNEY AT LAW  
STOEL RIVES  
111 SUTTER ST., SUITE 700 SAN  
FRANCISCO, CA 94104

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

ASHLEE M. BONDS THELEN  
REID BROWN SUITE 1800 RAYSMAN & STEINER LLP  
101 SECOND STREET SAN  
FRANCISCO, CA 94105

CARMEN E. BASKETTE  
CORPORATE DEVELOPMENT PRINCIPAL 594  
HOWARD ST., SUITE 400  
SAN FRANCISCO, CA 94105

COLIN PETHERAM  
DIRECTOR-REGULATORY  
SBC CALIFORNIA  
140 NEW MONTGOMERY ST., SUITE 1325  
SAN FRANCISCO, CA 94105

JAMES W. TARNAGHAN  
DUANE MORRIS LLP SUITE  
2000  
ONE MARKET, SPEAR TOWER  
SAN FRANCISCO, CA 94105

KEVIN FOX  
WILSON SONSINI GOODRICH & ROSATI ONE  
MARKET STREET, SPEAR TOWER, 3300 SAN  
FRANCISCO, CA 94105

KHURSHID KHOJA  
ASSOCIATE  
THELEN REID BROWN RAYSMAN & STEINER 101  
SECOND STREET, SUITE 1800  
SAN FRANCISCO, CA 94105

CALIFORNIA ENERGY MARKETS 517-  
B POTRERO AVENUE  
SAN FRANCISCO, CA 94110

HOWARD V. GOLUB  
NIXON PEABODY LLP  
2 EMBARCADERO CENTER, STE. 2700 SAN  
FRANCISCO, CA 94111

JANINE L. SCANCARELLI  
ATTORNEY AT LAW  
FOLGER, LEVIN & KAHN, LLP  
275 BATTERY STREET, 23RD FLOOR  
SAN FRANCISCO, CA 94111

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

MARTIN A. MATTES  
NOSSAMAN, GUTHNER, KNOX & ELLIOTT, LLP 50  
CALIFORNIA STREET, 34TH FLOOR  
SAN FRANCISCO, CA 94111

JEN MCGRAW  
CENTER FOR NEIGHBORHOOD TECHNOLOGY PO  
BOX 14322  
SAN FRANCISCO, CA 94114

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

STEVEN MOSS  
SAN FRANCISCO COMMUNITY POWER COOP 2325  
3RD STREET, SUITE 344  
SAN FRANCISCO, CA 94120

SHAUN ELLIS  
2183 UNION STREET SAN  
FRANCISCO, CA 94123

ARNO HARRIS  
RECURRENT ENERGY, INC.  
220 HALLECK ST., SUITE 220 SAN  
FRANCISCO, CA 94129

ED LUCHA  
PROJECT COORDINATOR  
PACIFIC GAS AND ELECTRIC COMPANY  
BOX 770000, MAIL CODE SANB9A  
FRANCISCO, CA 94177

GRACE LIVINGSTON-NUNLEY ASSISTANT  
PROJECT MANAGER PACIFIC GAS AND  
ELECTRIC COMPANY PO BOX 770000 MAIL  
CODE B9A  
SAN FRANCISCO, CA 94177

JASMIN ANSAR  
PG&E  
MAIL CODE B24A  
PO BOX 770000  
SAN FRANCISCO, CA 94177

JONATHAN FORRESTER  
PG&E  
MAIL CODE N13 C  
PO BOX 770000  
SAN FRANCISCO, CA 94177

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

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

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

VALERIE J. WINN  
PACIFIC GAS AND ELECTRIC COMPANY PO  
BOX 770000, B9A  
SAN FRANCISCO, CA 94177-0001

FARROKH ALBUEYEH  
VICE PRESIDENT  
OPEN ACCESS TECHNOLOGY INTERNATIONAL INC  
SUITE 910  
1875 SOUTH GRANT STREET SAN  
MATEO, CA 94402

GREG BLUE  
140 MOUNTAIN PKWY.  
CLAYTON, CA 94517

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

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

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

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

SUE KATELEY  
EXECUTIVE DIRECTOR  
CALIFORNIA SOLAR ENERGY PO INDUSTRIES ASSN  
BOX 782  
RIO VISTA, CA 94571

JOSEPH M. PAUL  
SENIOR CORPORATE COUNSEL  
DYNEGY, INC.  
2420 CAMINO RAMON, SUITE 215  
SAN RAMON, CA 94583

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

PETER W. HANS CHEN ATTORNEY  
AT LAW  
MORRISON & FOERSTER, LLP 101  
YGNACIO VALLEY ROAD, WALNUT SUITE 450  
CREEK, CA 94596

JOSEPH HENRI  
31 MIRAMONTE ROAD WALNUT  
CREEK, CA 94597

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

WILLIAM F. DIETRICH  
ATTORNEY AT LAW  
DIETRICH LAW  
2977 YGNACIO VALLEY ROAD, 613  
WALNUT CREEK, CA 94598-3535

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

GERALD L. LAHR  
ABAG POWER  
101 EIGHTH STREET  
OAKLAND, CA 94607

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

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

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

REED V. SCHMIDT  
VICE PRESIDENT  
BARTLE WELLS ASSOCIATES 1889  
ALCATRAZ AVENUE BERKELEY, CA  
94703

ADAM BRIONES  
THE GREENLINING INSTITUTE  
1918 UNIVERSITY AVENUE, 2ND FLOOR  
BERKELEY, CA 94704

CLYDE MURLEY  
1031 ORDWAY STREET  
ALBANY, CA 94706

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

CARLA PETERMAN  
UCEI  
2547 CHANNING WAY  
BERKELEY, CA 94720

EDWARD VINE  
LAWRENCE BERKELEY NATIONAL LABORATORY  
BUILDING 90-4000  
BERKELEY, CA 94720

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

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

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

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

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

KENNY SWAIN  
POWER ECONOMICS  
901 CENTER STREET SANTA  
CRUZ, CA 95060

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

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

CHRISTOPHER J. MAYER MODESTO  
IRRIGATION DISTRICT 1231 11TH  
STREET  
MODESTO, CA 95354

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

WES MONIER  
STRATEGIC ISSUES AND PLANNING MANAGER  
TURLOCK IRRIGATION DISTRICT  
333 EAST CANAL DRIVE, PO BOX 949  
TURLOCK, CA 95381-0949

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

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

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

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

CAROLYN M. KEHREIN  
ENERGY MANAGEMENT SERVICES 1505  
DUNLAP COURT  
DIXON, CA 95620-4208

CALIFORNIA ISO  
LEGAL AND REGULATORY DEPARTMENT 151  
BLUE RAVINE ROAD  
FOLSOM, CA 95630

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

KAREN EDSON  
151 BLUE RAVINE ROAD  
FOLSOM, CA 95630

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

SAEED FARROKHPAY  
FEDERAL ENERGY REGULATORY COMMISSION 110  
BLUE RAVINE RD., SUITE 107 FOLSOM, CA 95630

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

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

LAURIE PARK  
NAVIGANT CONSULTING, INC.  
3100 ZINFANDEL DRIVE, SUITE 600  
RANCHO CORDOVA, CA 95670-6078

DAVID REYNOLDS  
MEMBER SERVICES MANAGER  
NORTHERN CALIFORNIA POWER AGENCY  
180 CIRBY WAY  
ROSEVILLE, CA 95678-6420

SCOTT TOMASHEFSKY  
NORTHERN CALIFORNIA POWER AGENCY 180  
CIRBY WAY  
ROSEVILLE, CA 95678-6420

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

AUDRA HARTMANN  
980 NINTH STREET, SUITE 2130  
SACRAMENTO, CA 95814

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

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

MICHAEL WAUGH  
AIR RESOURCES BOARD  
1001 10TH STREET  
SACRAMENTO, CA 95814

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

RACHEL MCMAHON  
CEERT  
1100 11TH STREET, SUITE 311  
SACRAMENTO, CA 95814

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

STEVEN KELLY  
INDEPENDENT ENERGY PRODUCERS ASSN 1215  
K STREET, SUITE 900 SACRAMENTO, CA  
95814-3947

EDWARD J. TIEDEMANN  
ATTORNEY AT LAW  
KRONICK, MOSKOVITZ, TIEDEMANN 400 & GIRARD  
CAPITOL MALL, 27TH FLOOR  
SACRAMENTO, CA 95814-4416

LYNN HAUG  
ELLISON, SCHNEIDER & HARRIS, LLP 2015 H  
STREET  
SACRAMENTO, CA 95816

OBADIAH BARTHOLOMY  
MECHANICAL ENGINEER  
SACRAMENTO MUNICIPAL UTILITY DISTRICT  
M.S. B257  
6201 S. STREET  
SACRAMENTO, CA 95817

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

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

DOUGLAS MACMULLLEN  
CHIEF, POWER PLANNING SECTION CA  
DEPARTMENT OF WATER RESOURCES 3310  
EL CAMINO AVE., ROOM 356  
SACRAMENTO, CA 95821

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

KAREN LINDH  
LINDH & ASSOCIATES  
7909 WALERGA ROAD, NO. 112, PMB 119  
ANTELOPE, CA 95843

ELIZABETH W. HADLEY CITY  
OF REDDING  
777 CYPRESS AVENUE  
REDDING, CA 96001

DENISE HILL  
DIRECTOR  
4004 KRUSE WAY PLACE, SUITE 150 LAKE  
OSWEGO, OR 97035

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

ELIZABETH WESTBY  
ALCANTAR & KARL, LLP  
1300 SW FIFTH AVENUE, SUITE 1750  
PORTLAND, OR 97201

ALEXIA C. KELLY  
THE CLIMATE TRUST  
65 SW YAMHILL STREET, SUITE 400  
PORTLAND, OR 97204

ALAN COMNES  
WEST COAST POWER 3934 SE  
ASH STREET PORTLAND, OR  
97214

KYLE S ILON  
ECOSECURITIES CONSULTING LIMITED 529  
SE GRAND AVENUE  
PORTLAND, OR 97214

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

PHIL CARVER  
OREGON DEPARTMENT OF ENERGY 625  
MARION ST., NE  
SALEM, OR 97301-3737

SAM SADLER

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

LISA SCHWARTZ

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

CLARE BREIDENICH

224 1/2 24TH AVENUE EAST  
SEATTLE, WA 98112

JESUS ARREDONDO

NRG ENERGY INC.  
4600 CARLS BAD BLVD.  
CARLSBAD, CA 99208

KAREN MCDONALD POWEREX

CORPORATION 1400,  
666 BURRAND STREET  
VANCOUVER, BC V6C 2X8  
CANADA

JAMES LOEWEN

CALIF PUBLIC UTILITIES COMMISSION  
RATEMAKING BRANCH  
320 WEST 4TH STREET SUITE 500  
LOS ANGELES, CA 90013

ANDREW CAMPBELL

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

ANNE GILLETTE

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

CHARLOTTE TERKEURST

CALIF PUBLIC UTILITIES COMMISSION DIVISION  
OF ADMINISTRATIVE LAW JUDGES ROOM 5117  
505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3214

CHRISTINE S. TAM

CALIF PUBLIC UTILITIES COMMISSION  
ELECTRICITY RESOURCES & PRICING BRANCH ROOM  
4209  
505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3214

DONALD R. SMITH

CALIF PUBLIC UTILITIES COMMISSION ELECTRICITY  
RESOURCES & PRICING BRANCH ROOM 4209  
505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3214

ED MOLDAVSKY

CALIF PUBLIC UTILITIES COMMISSION  
LEGAL DIVISION  
ROOM 513 0  
505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3214

EUGENE CADENASSO

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

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

JACLYN MARKS  
CALIF PUBLIC UTILITIES COMMISSION  
EXECUTIVE DIVISION  
ROOM 5306  
505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3214

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

GEORGE S. TAGNIPES  
CALIF PUBLIC UTILITIES COMMISSION  
ENERGY RESOURCES BRANCH  
**AREA 4-A**  
505 VANNESS AVENUE  
SAN FRANCISCO, CA 94102-3214

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

JONATHAN LAKRITZ  
CALIF PUBLIC UTILITIES COMMISSION DIVISION  
OF ADMINISTRATIVE LAW JUDGES ROOM 5020  
505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3214

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

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

KRISTIN RALFF DOUGLAS  
CALIF PUBLIC UTILITIES COMMISSION  
DIVISION OF STRATEGIC PLANNING ROOM  
5119  
505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3214

LAINIE MOTAMEDI  
CALIF PUBLIC UTILITIES COMMISSION  
DIVISION OF STRATEGIC PLANNING **ROOM**  
5119  
505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3214

MATTHEW DEAL  
CALIF PUBLIC UTILITIES COMMISSION  
EXECUTIVE DIVISION  
AREA 4-A  
505 VANNESS AVENUE  
SAN FRANCISCO, CA 94102-3214

MEG GOTTSTEIN  
CALIF PUBLIC UTILITIES COMMISSION DIVISION  
OF ADMINISTRATIVE LAW JUDGES ROOM 2106  
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

NANCY RYAN  
CALIF PUBLIC UTILITIES COMMISSION  
EXECUTIVE DIVISION  
ROOM 5217  
505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3214

PAMELA WELLNER  
CALIF PUBLIC UTILITIES COMMISSION  
ENERGY RESOURCES BRANCH  
AREA 4-A  
505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3214

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

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

SARA M. KAMINS  
CALIF PUBLIC UTILITIES COMMISSION  
ENERGY RESOURCES BRANCH  
AREA 4-A  
505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3214

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

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

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

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

TIM G. DREW  
CALIF PUBLIC UTILITIES COMMISSION  
ENERGY RESOURCES BRANCH  
AREA 4-A  
505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3214

BILL LOCKYER  
STATE ATTORNEY GENERAL  
STATE OF CALIFORNIA, DEPT OF PO JUSTICE  
BOX 944255  
SACRAMENTO, CA 94244-2550

KEN ALEX  
PO BOX 944255  
1300 I STREET, SUITE 125  
SACRAMENTO, CA 94244-2550

JUDITH B. SANDERS ATTORNEY  
AT LAW CALIFORNIA  
INDEPENDENT 151 BLUE RAVINE ROAD  
FOLSOM, CA 95630

JULIE GILL  
EXTERNAL AFFAIRS MANAGER  
CALIFORNIA INDEPENDENT SYSTEM OPERATOR  
151 BLUE RAVINE ROAD  
FOLSOM, CA 95630

MARY MCDONALD  
DIRECTOR OF STATE AFFAIRS  
CALIFORNIA INDEPENDENT SYSTEM 151 OPERATOR  
BLUE RAVINE ROAD  
FOLSOM, CA 95630

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

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

MEG GOTTSTEIN  
ADMINISTRATIVE LAW JUDGE  
PO BOX 210/21496 NATIONAL STREET  
VOLCANO, CA 95689

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

B. B. BLEVINS  
EXECUTIVE DIRECTOR CALIFORNIA  
ENERGY COMMISSION 1516 9TH  
STREET, MS-39 SACRAMENTO, CA  
95814

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

DON SCHULTZ  
CALIF PUBLIC UTILITIES COMMISSION  
ELECTRICITY RESOURCES & PRICING BRANCH  
770 L STREET, SUITE 1050  
SACRAMENTO, CA 95814

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

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

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

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

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

ANDREW ULMER  
STAFF COUNSEL  
CALIFORNIA DEPARTMENT OF WATER RESOURCES  
3310 EL CAMINO AVENUE, SUITE 120  
SACRAMENTO, CA 95821

CAROL J. HURLOCK  
CALIFORNIA DEPT. OF WATER RESOURCES JOINT  
OPERATIONS CENTER  
3310 EL CAMINO AVE. RM 300 SACRAMENTO, CA  
95821

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

