BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

FILED
03-29-11
04:59 PM

Application of Pacific Gas and Electric Company for Approval of the 2009-2011 Low Income Energy Efficiency and California Alternative Rates for Energy and Programs and Budget (U 39 M).	Application 08-05-022 (Filed May 15)
Application of San Diego Gas & Electric Company (U 902 M) for Approval of Low-Income Assistance Programs for Program Years 2009-2011.	Application 08-05-024 (Filed May 15)
Application of Southern California Gas Company (U 904 G) for Approval of Low-Income Assistance Programs and Budgets for Program Years 2009-2011.	Application 08-05-025 (Filed May 15)
Application of Southern California Edison Company (U 388-E) for Approval of Low-Income Assistance Programs and Budgets for Program Years 2009, 2010, and 2011.	Application 08-05-026 (Filed May 15)

NOTICE OF *EX PARTE* COMMUNICATION

Pursuant to Rules 8.3 and 8.5 of the Commission's Rules of Practice and Procedure, The East Los Angeles Community Union (TELACU) hereby gives notice of the following *ex parte* communication. The communication was a letter sent via email and took place on Monday, March 28, 2011 at approximately 11:00 a.m. to noon at the offices of California Public Utilities Commission. A copy of the letter is attached.

The communication was initiated by TELACU and was sent to the following Decisionmakers:

Commissioner Michael R. Peevey

Commissioner Timothy Alan Simon

Commissioner Mike Florio

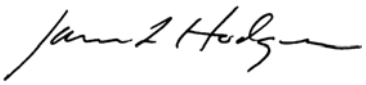
Commissioner Catherine J.K. Sandoval

Commissioner Mark Ferron

ALJ Kimberly Kim

Copies of this Notice may be obtained by contacting James Hodges @ (916) 451-7011 or hodgesjl@surewest.net.

Respectfully submitted, March 29, 2011



James L. Hodges for
The East Los Angeles Community Union (TELACU)
1069 45th Street
Sacramento CA 95819
(916) 451-7011 voice
(916) 914-2350 fax
hodgesjl@surewest.net

5400 E Olympic Blvd • Third Floor
Los Angeles • CA 90022
T 323.721.1655
F 323.724.3560
www.TELACU.com

March 29, 2011

Ms. Julie A. Fitch
Director, Energy Division
California Public Utilities Commission
505 Van Ness Avenue, Room 4004
San Francisco, CA 94102-3298

VIA EMAIL & US MAIL

Re: Energy Division Staff Recommendations for a Multi-Family Plot

Dear Ms. Fitch:

On March 22, 2011, TELACU received from Ms. Sarita Sarvate of CPUC's Energy Division ("ED") an email titled "Energy Division Staff Recommendations for a Multi-Family Pilot," which appears to direct the IOUs to prepare in their upcoming ESAP applications a multi-family pilot project (the "Pilot"). ED's recommendations on this Pilot are based on a multi-family proposal submitted on December 16, 2010 to Pacific Gas and Electric Company and ED by the California Housing Partnership Corporation ("CHPC") titled "Low Income Energy Efficient (LIEE) Comprehensive Retrofits for Mulitfamily Properties".

TELACU and other parties stated their opposition to CHPC's proposal. Today we strongly state our opposition to ED's rehashed version of that proposal.

Energy savings truly targeted to benefit low-income families living in multi-family housing appears to be a secondary goal of both CHPC's December proposal and ED's current recommendations. The primary goals of the CHPC proposal and ED's current recommendations appear to be to:

1. Provide funds for Assisted Housing Owners who possess buildings with antiquated energy systems that are in need of capital repairs;
2. Provide funds for Assisted Housing Developers trying to finance new projects which, unless provided ESAP funds, are not feasible due to financing shortages in the housing industry;
3. Gain control of a portion of ESAP funds by "providing a single point of delivery";
4. Target benefits primarily toward federally "assisted, affordable" housing at the expense of families living in "non-assisted" housing.

TELACU repeats and herein restates its objections to these improper uses of ESAP ratepayer funds.

The mission of CHPC, according to its website (www.chpc.net), is to gather financial resources for "assisted" low income rental housing, also called "affordable housing," "HUD housing," "Section 8 housing," "deed-restricted housing," and "Low Income Tax Credit Property."

Mr. Matt Schwartz, president of CHPC, fulfilling his job to gather financial resources for "assisted" housing, described his plan to use ratepayer energy efficiency dollars for Assisted Housing Owners who possess buildings with antiquated energy systems that are in need of capital repairs in an August, 2008 article in a magazine called The Urbanist. Mr. Schwartz's article, brazenly titled "A Piece of the Pie. Financing Affordable Rental Housing: A Greener Path Ahead," outlines his strategy to surreptitiously use ESAP funds for financing assisted housing projects. His article begins:

> ***"Finding the money to develop rental homes affordable for low-income families has never been more difficult. (Emphasis added.)*** The collapse of the financial markets last fall, generally attributed to systemic failures in the single-family mortgage markets, has made it extremely difficult for most developers to obtain debt and equity financing on reasonable terms."

Later in the article, he states:

> "With tens of billions of dollars of capital repair needs already documented in older publicly and privately owned affordable housing — equipped with mostly antiquated heating and cooling systems and without proper insulation — there is a tremendous opportunity for advocates to make the case that investing in the greening of affordable rental housing is an essential part of our nation's carbon reduction strategy."

Similarly, the magazine Affordable Housing Finance announced in June 2010, "Weatherization to the rescue. Weatherization might be the last chance for some developers struggling to bring projects to the closing table," and described the cure for an otherwise economically infeasible assisted housing project: "Weatherization is a crucial component to make this project work."

CHPC's December proposal, filled with unexamined claims and assertions, explicitly targets ESAP and EE funds for an effective "carve out" to benefit HUD assisted affordable housing. Among other points, the proposal says, "Properties certified by HUD and DOE as eligible under ARRA as (*sic*) eligible for WAP will be deemed eligible for participation, as will all properties self-certifying pursuant to the process described below," and then describes the process to prove HUD eligibility (CHPC Proposal, page 4).

It is very clear – ESAP ratepayer funds have been targeted by CHPC and other groups for capital repair and financing purposes. This is the true intent of CHPC's proposal and we believe ED is now at risk of falling prey to this strategy.

A relatively small portion of low-income multi-family ratepayers live in HUD-qualified assisted affordable housing. In fact, a program that targets HUD assisted housing will create more barriers and drain resources away from the housing where most low-income multi-family ratepayers live: unassisted housing.

TELACU wrote to Commissioners that "CHPC's December 16 proposal... would take away from the LIEE program $80 million per year for each of three years (2012 -2014) and use it exclusively for HUD-qualified assisted affordable housing." We stated "our firm belief that all low-income multi-family

housing, assisted or not, should have increased access to LIEE program measures..." We reiterate those concerns.

We closed with, "We therefore ask that you direct PG&E and CPUC staff to take no action on CHPC's proposal until it has been distributed to all interested parties, examined in an evidentiary hearing so that elements of the proposal may be closely scrutinized, subjected to discovery, tested by cross-examination, and recommendations presented." We believe this is a reasonable request.

TELACU is both a longstanding advocate for the energy efficiency needs of California's low-income families and a major owner/developer of assisted housing, providing housing for thousands of low-income families and senior citizens. We therefore understand first-hand the ever-increasing challenges that owner/developers of low-income multi-family assisted housing have in addressing capital repair needs and shortages of financing. However, we firmly believe that fulfilling these needs by raiding a program designed to help the least-served population of low-income Californians is just plain wrong and disingenuous.

TELACU also knows that assisted multi-family housing developments and tenants are among the most-assisted in the low-income housing space. By basing the Pilot's recommendations and guiding principles on CHPC's proposal, ED's recommendations completely ignore the needs of households occupying non-assisted multi-family housing. Non-assisted multi-family housing is where the large masses of underserved low-income people live – households which are among the least assisted in California.

TELACU is preparing a data request to learn the basis for ED's assumptions and figures in its recommended Pilot. In the meantime, TELACU requests answers to the following questions:

Question 1: This proposed Pilot was not included in Decision 08-11-031, and does not appear to be either a Commission order or an ALJ order. Is ED ordering the utilities to include this Pilot project in their applications? If so, under what authority?

Question 2: Which Commissioner's office is overseeing this Pilot?

Question 3: Which specific "various stakeholders" were invited by ED to explore the development of the Pilot? With which of these stakeholders did ED actually explore development of the Pilot? Where and when did this occur?

Question 4: What factors did ED consider when it decided not to notify all parties to A08-05-022 that it was "exploring the development of a pilot project"?

Question 5: What was the process ED used for "exploring the development of a pilot project"? Were there workshops? Were interested parties notified that ED was "exploring the development of a pilot project"? If so, when and by what means?

Question 6: Does ED agree that, when "exploring the development of a pilot project" using ESAP and EE funds for low-income multi-family housing, the Commission and ratepayers are best served when that

process is open and transparent, and provides an opportunity for all interested parties to participate? If so, then was such a process followed?

It appears to us that ED is moving quickly and possibly beyond its authority in an effort to implement an unexamined Pilot which would predominantly benefit owner/developers of assisted multi-family housing. ED's recommendations are conclusionary and assume facts that are not in evidence (such as identification of barriers to serving the multi-family market and steps necessary to reduce those barriers.) We suggest that this is outside of the processes long established by the Commission. Instead, we recommend a process which is fair, open, and transparent – a process by which the Commission may properly examine an issue like this in sufficient detail in order to build a substantive record upon which it can base a decision.

We therefore request that you rescind your recommendations for the Pilot and provide to *ALL* stakeholders in the proceeding answers to the questions we have asked regarding this matter.

We would appreciate your prompt response.

Sincerely,

TELACU

Michael Lizárraga David C. Lizárraga James Hodges

Enclosures: Email from Sarita Sarvate with Attachments dated March 22, 2011

c: CPUC Commissioners
CPUC Commissioner Advisors
ALJ Kimberly Kim
Sarita Sarvate, ED
Orson Aguilar, Greenlining
Mark Toney, TURN
Ralph Cavanagh, NRDC
Alex Sotomayor, Maravilla Foundation
Members of the Low Income Advisory Board
Service List of A0805022

Michael Lizarraga

From: Sarvate, Sarita <sarita.sarvate@cpuc.ca.gov>
Sent: Tuesday, March 22, 2011 3:46 PM
To: Sarvate, Sarita
Subject: Energy Division Staff Recommendations for a Multi-Family Pilot
Attachments: Multi-Family Pilot Principles-3-22-11doc.doc; Multi-Family Pilot Recommendations-3-22-11.doc; Multi-Family Pilot Scope Data-3-22-11.xls

Greetings

Please find attached the CPUC Energy Division's (ED) Principles for a Low Income Multifamily Housing Pilot and the underlying assumptions and analyses thereof.

The Energy Division has been exploring the development of a pilot project for treating California's under-served multi-family housing sector with various stakeholders over the last several months. ED anticipates that the final pilot proposal would be included in the IOUs' Energy Savings Assistance Program Budget applications for the 2012-2014 cycle. The aim of the pilot is to explore cost-effective, whole building approaches to providing energy efficiency to low income multifamily housing.

Based on recent work by the California Home Energy Retrofit Coordinating Committee (CA HERCC), the existing Energy Upgrade California program, the Energy Savings Assistance Program, and the Multifamily Energy Efficiency Rebate (MFEER) program, ED has developed a range of estimates for the cost and scope of an effective, yet measureable pilot. In its analyses of various pilot outcomes, ED has attempted to balance the size of the pilot with considerations of equity and cost-effectiveness.

Sarita Sarvate

Supervisor,
Low Income Programs
Energy Division
California Public Utilities Commission
505 Van Ness Avenue,
San Francisco, CA 94102
(415) 703-5574

Low-Income Multifamily Pilot

Guiding Principles

Energy Division recommends consideration of a Low-Income Multifamily Pilot that adheres to the following Principles:

1. Be consistent with demonstrating progress toward the relevant 2020 goals and strategies identified in the Energy Efficiency Strategic Plan:
    a. Multifamily buildings will achieve a 40% reduction in energy purchases over 2008 baseline, and
    b. Increase number of households treated under the Energy Savings Assistance Program (formerly known as LIEE) to produce long term energy savings;
2. Be implemented during the 2012-2014 program portfolio cycle and completed before the end of the 2014 program year;
3. Be jointly developed with at least two large California investor owned utilities (IOUs) and implemented in at least two large IOU service territories;
4. Fully leverage and integrate the Energy Savings Assistance Program with utility core energy efficiency programs and other applicable State, Federal and local programs in order to streamline and improve program delivery, and achieve maximum energy efficiency savings relative to the expenditures by ratepayers, taxpayers, and other financial investments. This shall include but not be limited to:
    a. Leveraging with the US Department of Housing and Development, California Community Services and Development, and various local government partnership programs.
    b. Seeking to minimize overall project and program financial and transaction costs, including access to relevant data needed to inform subsequent upgrade activities.
    c. Avoiding double counting of energy savings.
5. Include as eligible measures first those approved in the current Energy Savings Assistance Program, then the first four tiers of the energy efficiency "loading order,"[1] which recommends building improvements in the following order:

    1. air sealing to obtain a tight building envelope;
    2. insulation to complete the thermal boundary;
    3. proper sizing, design, installation, combustion safety testing and commissioning of space heating and cooling systems;
    4. proper sizing, design, installation, combustion safety testing, commissioning and insulation of hot water systems, including distribution;
    5. efficient lighting and appliances, and demand response measures; and
    6. renewables.

    Although not recommended for this pilot program, installation of measures in tiers 5-6 at time of treatment could further leverage available single measure rebates. The costs of the installed Energy Savings Assistance Program approved measures and any financial incentives awarded based on energy savings achieved from the measures installed from

[1] "2008 Energy Action Plan Update", California Energy Commission and California Public Utilities Commission, February, 2008.

IOU program funds under 1-4 would be allocated to the pilot budget. All other measure costs should be leveraged with existing single measure rebates or from other outside funding sources.

6. Institute a performance-based program based on demonstrated reductions in kW, kWh and Therms.
    a. Pilot development should explore an approach similar to the Energy Upgrade California single family performance-based program where incentives awarded are based on the percentage of projected energy savings (site BTUs) per home. This pilot should consider a similar structure with variations made suitable to the multifamily market segment.
7. Aim to treat a minimum of 18,000 multi-family units with a maximum of 24,000 multifamily units with a total pilot budget not to exceed $46 Million, in total. (Estimates comprising this figure consist of $28.4 Million from the Energy Savings Assistance Program and $17.1 Million from Energy Upgrade California / EE Core.)
8. Reduce barriers to multifamily participation (including providing a single point of delivery for program to the greatest extent feasible);
9. Promote equity across the low-income housing sector by targeting buildings with the highest proportion of the tenants that are eligible for the Energy Savings Assistance Program and ensuring that these tenants represent under-served households;
10. Ensure consistency with applicable California Public Utilities Commission cost-effectiveness guidance by:
    a. Installing the most cost-effective measures that provide an energy resource for California, while reducing low-income customers' bills and improving their quality of life, and
    b. Ensuring compatibility of pilot with portfolio-level cost-effectiveness requirements
11. Ensure that benefits accrue to tenants (including, but not limited to, energy bill savings, health and safety improvements, and improved comfort of residents); and
12. Educate participants on the benefits of energy efficiency and the gains from conservation behaviors.

Recommendations for Multifamily Low Income Pilot
Pilot Scope/Budget/Penetration Parameters

Pilot Scope and Budget Recommendations

Energy Savings Assistance Program (ESAP, formerly known as ESAP) staff and Energy Efficiency Program (EEP) staff at the Energy Division jointly recommend a penetration target for the Multi-Family (MF) whole building pilot of between 3-4% of the California ESAP population, or 18,000 - 24,000 units. We also recommend an IOU total budget range for the pilot of between $34 Million - $46 Million (Estimated EE Portion $13 Million - $17 Million; ESAP Portion $21 Million - $28 Million.)

The following is not intended as a prescriptive approach or requirement, but rather a starting point for discussion. Our recommendation is based on analysis with the assumptions and results provided below. While we have used these assumptions to build our analysis and make our recommendations, we caution the IOUs and involved stakeholders to diligently formulate their own assumptions for the actual pilot program design. We consider that the range of potential approaches to incentive design for this pilot are not yet fully understood, and that a range of approaches could be contemplated.

Recommended Budget and Penetration Target

1. Penetration Target- Between 3-4% ESAP Population, or 18,000 - 24,000 Units
2. Total Pilot Cost- $34 Million – $46 Million (estimated EE Portion $13 Million - $17 Million; ESAP Portion $21 Million - $28 Million)
3. ESAP Subsidy estimated at $1200/Unit, remaining costs covered by EE and other leverage sources
4. Assumptions: Calculated based on EE Incentive Level of **25%** given at estimated total project cost of $2900/Unit[1]. With a program average ESAP subsidy of $1200/unit plus an EE contribution of $750 (which is 25% of the total estimated $2900 project cost per unit) the ratepayer contribution will amount to $1925/Unit (ESAP+EE).
5. ED anticipates that the remaining cost of the project will come from other sources.

Potential Lower Minimum Budget and Penetration Target (not recommended):

1. Penetration Target - Between 1-2% ESAP Population, or 6,000 - 12,000 Units
2. Total Pilot Cost - $8 Million - $16 Million
3. ESAP Subsidy estimated at $1200/Unit, remaining costs covered by EE and other leverage sources
4. Assumptions: (Calculated based on EE Incentive Level of **5%** Incentive given at estimated cost of $2900/Unit- ESAP Subsidy estimated at $1200/Unit, with Average Budget per Unit - $1,345/Unit (ESAP + EE))

Potential Higher Maximum Budget and Penetration Target (not recommended):

---

[1] The estimated cost of $2900/Unit is from the Multifamily Subcommittee of the California Home Energy Coordinating Committee (MF HERCC) report (Table A- 1) dated October 2010:

http://www.builditgreen.org/_files/Admin/HERCC/MF_HERCC_report_10152010.pdf

1. Penetration Target - Between 4-5% ESAP Population, or 24,000 - 30,000 Units
2. Total Pilot Cost - $56 Million - $70 Million
3. ESAP Subsidy estimated at $1200/Unit, remaining costs covered by EE and other leverage sources
4. Assumptions: (Calculated based on EE Incentive Level of **40%** Incentive given at estimated cost of $2900/Unit- ESAP Subsidy at $1200/Unit, with Average Budget per Unit - $2,360/Unit (ESAP + EE))

Table 1 summarizes how we assessed potential pilot budgets given a) different penetration targets, and b) different Energy Upgrade California(EUC)/EE Core contributed incentive levels. The ESAP contribution is fixed for all scenarios at $1200, based on the current average per unit cost for the program. The bottom row indicates the combined ESAP and EUC/EE Core budget allocated per unit under the range of budget results.

Table 1:

# Homes	ESAP Penetration Target	Funding @ 5% Incentive	Funding @ 10% Incentive	Funding @ 20% Incentive	Funding @ 25% Incentive	Funding @ 30% Incentive	Funding @ 40% Incentive
5,912	1%	$7,951,909	$8,809,178	$10,523,716	$11,380,985	$12,238,254	$13,952,792
11,824	2%	$15,903,818	$17,618,356	$21,047,432	$22,761,970	$24,476,508	$27,905,584
17,737	3%	$23,855,727	**$26,427,534**	**$31,571,148**	$34,142,955	**$36,714,762**	**$41,858,376**
23,649	4%	$31,807,636	**$35,236,712**	**$42,094,864**	$45,523,940	**$48,953,016**	**$55,811,168**
29,561	5%	$39,759,545	$44,045,890	$52,618,580	$56,904,925	$61,191,270	$69,763,960
	EE	$145	$290	$580	$725	$870	$1,160
	ESAP	$1,200	$1,200	$1,200	$1,200	$1,200	$1,200
$/Unit (ESAP+ EE)		$1,345	$1,490	**$1,780**	**$1,925**	**$2,070**	**$2,360**

ASSUMPTIONS: Estimate based on 40 unit building built before 1980 to 20% savings levels and a MFHERCC Estimate of $2900/Unit (with ESAP budget of $1200/unit and assuming the above mentioned EE incentive cost reimbursement level.)

In our analysis, for a **25%** incentive funding scheme, we assumed that the existing EE EUC core IOU program would pay 25% ($725) of the MFHERCC $2900/Unit estimate for 20% energy savings/unit. We combined this with a ESAP contribution of $1200/Unit (the highest ESAP average cost/unit of all four IOUs) to estimate a theoretical total cost per unit. Table 2 shows the ranges of total funding commitments by program, and by penetration rate, with our recommended budget levels indicated in red:

Table 2:

MFHERCC Estimate of $2900/Unit @ 25% Incentive (by ESAP and EUC / EE Core Funds)

# Homes	ESAP Penetration Target	ESAP Funds at $1200/Unit	EE Funds at $ 725/unit	Total
5,912	1%	$ 7,094,640.00	$ 4,286,345.00	$ 11,380,985.00
11,824	2%	$ 14,189,280.00	$ 8,572,690.00	$ 22,761,970.00
17,737	3%	$ 21,283,920.00	$ 12,859,035.00	$ 34,142,955.00
23,649	4%	$ 28,378,560.00	$ 17,145,380.00	$ 45,523,940.00
29,561	5%	$ 35,473,200.00	$ 21,431,725.00	$ 56,904,925.00

Estimated $/Unit ($1200 ESAP+ EE)	$ 1,925

According to the MFHERCC data, projected energy savings vary by climate zone. Table 3 shows approximate energy savings per ratepayer dollar based on the different funding levels for the pilot (and by climate zone.). The cost/unit of energy saved is notably high.

Staff recommends that Energy Division management consider this issue when considering the Energy Division's recommended funding level for the ESAP MF Whole Building Pilot. We also recommend that management use this as a signal that additional work is needed to analyze current and planned whole house/building programs and pilots, develop a stronger theoretical foundation, and articulate a longer term (up to ten years) funding vision for these programs.

Table 3:

Total Funding Matrix (ESAP + EUC/EE Core Funds by Gas/Electric)										
	15% Incentive		**20% Incentive**		25% Incentive		**30% Incentive**		**40% Incentive**	
	kwh Savings/ Dollar	Therm savings/ Dollar	kwh Savings/ Dollar	Therm savings/ Dollar	kwh Savings/ Dollar	Therm savings/ Dollar	kwh Savings/ Dollar	Therm savings/ Dollar	kwh Savings/ Dollar	Therm savings/ Dollar
CZ 3	68.33	2.33	62.76	2.14	58.04	1.98	53.97	1.84	47.34	1.62
CZ 8	39.52	20.02	36.30	1.24	33.57	1.15	31.22	0.93	31.22	0.93
CZ 10	62.35	2.13	57.27	1.95	52.96	1.81	49.25	1.47	43.20	1.47
CZ 12	103.49	3.53	95.06	3.24	87.90	3.00	81.74	2.79	71.70	2.45

Summary

In sum, the pilot's treated home goals could range from 5,912 to 29,561 MF units without factoring outside leveraging sources with an average per unit cost ranging from $1,345-$2,360. Projected pilot costs could range from $7.9 Million to $69.8 Million

CHPC Proposal

The original CHPC pilot proposal asked to treat 24,000 units (about 4% of the ESAP eligible population) with a ceiling of $10,000/Unit. The maximum cost of that proposal in ratepayer dollars would be $240 Million.

Staff Proposal

Aim to treat 18,000- 24,000 multi-family units with a funding request level between $34 Million to $46 Million. This figure consists of ESAP Portion $21 Million - $28 Million and Energy Upgrade California Portion of $13 Million - $17 Million.

TABLE 1

Total Funding Matrix (LIEE + EUC Funds)

# Homes	LIEE Penetration Target	Funding @ 5% Incentive	Funding @ 10% Incentive	Funding @ 15% Incentive	Funding @ 20% Incentive	Funding @ 25% Incentive	Funding @ 30% Incentive	Funding @ 40% Incentive
5 912	1%	$7 951 909	$8 825 178	$9 660 447	$10 523 716	$11 380 985	$12 238 254	$13 952 792
11 824	2%	$15 903 818	$17 618 356	$19 332 894	$21 047 432	$22 761 970	$24 476 508	$27 905 584
17 737	3%	$23 855 727	$26 427 534	$28 999 341	$31 571 148	$34 142 955	$36 714 762	$41 858 376
23 649	4%	$31 807 636	$35 236 712	$38 665 788	$42 094 864	$45 523 940	$48 953 016	$55 811 168
29 561	5%	$39 759 545	$44 045 890	$48 332 235	$52 618 580	$56 904 925	$61 191 270	$69 763 960
	EEA/Unit	$145	$290	$435	$580	$725	$870	$1 160
	LIEE/Unit	$1,200	$1,200	$1,200	$1,200	$1,200	$1,200	$1,200
$/Unit ($1200 LIEE + EUC)		$1 345	$1 490	$1 635	$1 780	$1 925	$2 070	$2 360

* ASSUMPTIONS: Estimate based on 40 unit building built before 1960 to 20% savings levels, with HERC Estimate of $2900/Unit (and Max LIEE budget of $1200/unit and assuming the above mentioned EUC incentive cost reimbursement level.)

TABLE 2

Total Funding Matrix (Broken out by LIEE and EUC Funds)

Penetration Target	Homes to treat under the Pilot			HERC Estimate of $2900/Unit @ 5% Incentive			HERC Estimate of $2900/Unit @ 10% Incentive			HERC Estimate of $2900/Unit @ 15% Incentive			HERC Estimate of $2900/Unit @ 20% Incentive			HERC Estimate of $2900/Unit @ 25% Incentive			HERC Estimate of $2900/Unit @ 30% Incentive			HERC Estimate of $2900/Unit @ 40% Incentive		
	PG&E	SCE	Total	LIEE Funds at $1200/Unit	EE Funds at $145/unit	Total	LIEE Funds at $1200/Unit	EE Funds at $290/unit	Total	LIEE Funds at $1200/Unit	EE Funds at $435/unit	Total	LIEE Funds at $1200/Unit	EE Funds at $580/unit	Total	LIEE Funds at $1200/Unit	EE Funds at $ 725/unit	Total	LIEE Funds at $1200/Unit	EE Funds at $ 870/unit	Total	LIEE Funds at $1200/Unit	EE Funds at $ 1160/unit	Total
1%	3 409	2 503	5 912	$ 7 094 640	857 269	$ 7 951 909	$ 7 094 640	1 714 538	$ 8 809 178	$ 7 094 640	2 571 807	$ 9 666 447	$ 7 094 640	3 429 076	$ 10 523 716	$ 7 094 640	4 286 345	$ 11 380 985	$ 7 094 640	5 143 614	$ 12 238 254	$ 7 094 640	6 858 152	$ 13 952 792
2%	6 818	5 007	11 824	$ 14 189 280	1 714 538	$ 15 903 818	$ 14 189 280	3 429 076	$ 17 618 356	$ 14 189 280	5 143 614	$ 19 332 894	$ 14 189 280	6 858 152	$ 21 047 432	$ 14 189 280	8 572 690	$ 22 761 970	$ 14 189 280	10 287 228	$ 24 476 508	$ 14 189 280	13 716 304	$ 27 905 584
3%	10 227	7 510	17 737	$ 21 283 920	2 571 807	$ 23 855 727	$ 21 283 920	5 143 614	$ 26 427 534	$ 21 283 920	7 715 421	$ 28 999 341	$ 21 283 920	10 287 228	$ 31 571 148	$ 21,283,920	12,859,035	$ 34,142,955	$ 21 283 920	15 430 842	$ 36 714 762	$ 21 283 920	20 574 456	$ 41 858 376
4%	13 635	10 013	23,649	$ 28 378 560	3 429 076	$ 31 807 636	$ 28 378 560	6 858 152	$ 35 236 712	$ 28 378 560	10 287 228	$ 38 665 788	$ 28 378 560	13 716 304	$ 42 094 864	$ 28,378,560	17,145,380	$ 45,523,940	$ 28 378 560	20 574 456	$ 48 953 016	$ 28 378 560	27 432 608	$ 55 811 168
5%	17 044	12 517	29,561	$ 35 473 200	4 286 345	$ 39 759 545	$ 35 473 200	8 572 690	$ 44 045 890	$ 35 473 200	12 859 035	$ 48 332 235	$ 35 473 200	17 145 380	$ 52 618 580	$ 35 473 200	21 431 725	$ 56 904 925	$ 35 473 200	25 718 070	$ 61 191 270	$ 35 473 200	34 290 760	$ 69 763 960

* Estimate based on 40 unit building built before 1960 to 20% savings levels, and assuming incentives cover 25% of total cost

TABLE 3

Other Notes and Data

	Annual Estimate of LIEE Homes to be treated	Estimate of LIEE Homes to be treated (2012-2014)	% of MF units treated under LIEE (based on 2010 actuals)
PG&E	113 628	340 884	12%
SCE	83 445	250 336	25%
SoCalGas	133 426	400 278	22%
SDG&E	20 384	61 152	46%
Total	350,884	1,052,651	23%

Estimated Low income population living in MF dwellings (40% statewide)
OR
452 640
Average % of units treated under the LIEE Program that are MF (Based on 2010 statewide figure)
23%

LIEE approved measures should be installed first if appropriate. Secondly, pilot properties should access EUC funds to cover, in loading order.1) air sealing to obtain a tight building envelope; 2) insulation to complete the thermal boundary; 3) proper sizing, design, installation , combustion safety testing and commissioning of space heating and cooling systems; 4) proper sizing, design, installation, combustion safety testing, commissioning and insulation of the hot water systems, including distribution; 5) efficient lighting and appliances, and demand response measures, and 6) renewables, although not recommended for this pilot program. Lastly, for those measures offered outside of the LIEE or EUC, properties can access MFEER rebates or are encourage to access other outside funding sources to cover costs. To avoid double-dipping, measures accessed via LIEE or EUC are not eligible for MFEER rebates.

Measure	Energy Savings Assistance Program Approved	Include as a Pilot eligible measure?	MFEER rebates available to access outside of Pilot*
94% AFUE central natural gas furnace with built in VSM (CZ 11,12,13 only)	No	Yes	$200/unit
94% AFUE Central natural Gas furnace with no VSM	No	Yes	$150/unit
96% AFUE Central Natural Gas Furnace w/ VSM (CZ 11,12,13 only)	No	Yes	$300/unit
96% AFUE Central Natural Gas Furnace w/o VSM	No	Yes	$250/unit
Appliances	No	No	
Building Envelope	Yes	Yes	
Central System Natural Gas Water Heaters / Space Heating	No	Yes	$500/unit
Centralized systems: heating, cooling, domestic hot water	No	Yes	
Cogeneration systems	No	?	
Commercial Pool/Spa Heater	No	?	
Common areas and exterior of property	Yes on Limited exterior lighting	Eligible Measures only	
Delamping fluorescent with electronic ballasts	No, traditional CFLs only or limited exterior lighting	Seek further input from IOUs/Parties	$6/per
Doors	Yes Repair, No replacement	Yes Repair, No replacement	$100/unit
Ducted Evaporative Cooling System, Level 1 and Level 2	No	Yes	$300-600/unit
Electric storage water heater	No	Yes	$30/unit
EnergyStar Room Air Conditioners	Yes for Room AC with owner Co-Pay	Yes (?)	$50/unit
EnergyStar appliances	Yes for refrigerators with owner Co-Pay	Yes, once all possible shell measures have been installed	
High efficiency clothes washers (in coin-op laundry area)	Pilot Basis for SF only	Yes, once all possible shell measures have been installed	$150/unit
High efficiency clothes washers (inside tenant dwelling)	Pilot Basis for SF only	Yes, once all possible shell measures have been installed	$50/unit
High efficiency dishwashers	No	No	$30-50/unit
High performance dual pane windows	Yes Repair, No replacement	Yes	$0.75/sf
HVAC	No	Yes, for high efficiency HVAC systems (room systems only if central cannot be installed)	
Installation of gas and electric submeters	No	No	
LED Exit signs	No	No	$35/per
Lighting/timers/occupancy sensors	Yes	Yes	
Multifamily central system natural gas boilers/space heating	No	Yes	$1,500 / unit
Natural Gas Storage Water Heater	No	Yes	$30-50 / unit
Occupancy sensor	Yes	Yes	$10/unit
Package Terminal Air Conditioners and Package Terminal Heat Pumps	No	Seek further input from IOUs/Parties	$100/unit
Photocells	No	Seek further input from IOUs/Parties	$10/unit

Measure	Energy Savings Assistance Program Approved	Include as a Pilot eligible measure?	MFEER rebates available to access outside of Pilot*
Pool / Spa Pumps and Motors	Yes on Pool pumps only	Yes on Pool pumps only once all possible shell measures have been installed	
Pool and spa pumps, filtrations pumps, motors, and heater	Yes on Pool pumps only	Yes on Pool pumps only once all possible shell measures have been installed	
Refrigerator, freezer, and room AC recycling	Refrigerator with Owner Co-Pay	Refrigerator with Owner Co-Pay	$25-35 *ARP
Renewables	No	No	
Roof insulation/cool roof	Yes on Attic Insulation	Yes	
Screw in CFL reflector bulbs-R30 and R40	No, traditional CFLs only	No	$8-10/unit
Sink and faucet aerators	Yes	Yes	
Solar hot water	No	No	
Solar PV systems	No	No	
T8 or T5 fixtures with electronic ballasts	No, except for limited exterior lighting which may/may not correspond	Yes	$32-45/unit
Time clocks	No	No	$36/per
Toilets	No	No	
Unit furnaces	Yes on minor repairs, No on replacement	Yes	
VSD/VF[2] Pool Pump	No	Seek further input from IOUs/Parties	$2.00/Mbtu
VSD[1] Pool Filtration pump/motor	No	Seek further input from IOUs/Parties	$100/unit
VSM Air Handler System	No	Yes	$50/unit
Wall insulation	No	Yes	$0.50 / sf

*Rebates utilized outside of measure offerings funds may/may not be used in the determination of energy savings for performance threshold. No double counting of energy savings.

[1] VSD stands for Variable Frequency Drive.

[2] VF stands for variable frequency.

Total Funding Matrix (LIEE + EUC Funds by Gas/Electric)

	5% Incentive		10% Incentive		15% Incentive		20% Incentive		25% Incentive		30% Incentive		40% Incentive	
	kwh Savings/ Dollar	Therm savings/ Dollar	kwh Savings/ Dollar	Therm Savings/ Dollar	kwh Savings/Dollar	Therm savings/ Dollar	kwh Savings/ Dollar	Therm savings/ Dollar	kwh Savings/ Dollar	Therm savings/ Dollar	kwh Savings/ Dollar	Therm savings/ Dollar	kwh Savings/ Dollar	Therm savings/ Dollar
CZ 3	83.06	2.83	74.98	2.56	68.33	2.33	62.76	2.14	58.04	1.98	$53.97	1.84	$47.34	1.62
CZ 8	48.04	1.64	43.37	1.48	39.52	20.02	36.30	1.24	33.57	1.15	31.22	0.93	31.22	0.93
CZ 10	75.79	2.59	68.42	2.34	62.35	2.13	57.27	1.95	52.96	1.81	49.25	1.47	43.20	1.47
CZ 12	125.80	4.29	113.56	3.88	103.49	3.53	95.06	3.24	87.90	3.00	81.74	2.79	71.70	2.45

Total Funding Matrix (LIEE + EUC Funds)

# Homes	LIEE Penetration Target	Funding @ 5% Incentive	Funding @ 10% Incentive	Funding @ 15% Incentive	Funding @ 20% Incentive	Funding @ 25% Incentive	Funding @ 30% Incentive	Funding @ 40% Incentive
5,912	1%	$ 7,951,909	8,809,178	$ 9,666,447	$ 10,523,716	$ 11,380,985	$12,238,254	$13,952,792
11,824	2%	$ 15,903,818	17,618,356	$ 19,332,894	$ 21,047,432	$ 22,761,970	$24,476,508	$27,905,584
17,737	3%	$ 23,855,727	26,427,534	$ 28,999,341	$ 31,571,148	$ 34,142,955	$36,714,762	$41,858,376
23,649	4%	$ 31,807,636	35,236,712	$ 38,665,788	$ 42,094,864	$ 45,523,940	$48,953,016	$55,811,168
29,561	5%	$ 39,759,545	44,045,890	$ 48,332,235	$ 52,618,580	$ 56,904,925	$61,191,270	$69,763,960
$/Unit ($1200 LIEE+ EUC)		$ 1,345	$ 1,490	$ 1,635	$ 1,780	$ 1,925	$2,070	$2,360

* ASSUMPTIONS: Estimate based on 40 unit building built before 1980 to 20% savings levels, with HERC Estimate of $2900/Unit (and Max LIEE budget of $1200/unit and assuming the above mentioned EUC incentive cost reimbursement level)

HERC Estimate of $2900/Unit @ 25% Incentive (by LIEE and EE Funds)

LIEE Funds at $1200/Unit	EE Funds at $ 725/unit	Total
$ 7,094,640.00	$ 4,286,345.00	$ 11,380,985.00
$ 14,189,280.00	$ 8,572,690.00	$ 22,761,970.00
$ 21,283,920.00	$ 12,859,035.00	$ 34,142,955.00
$ 28,378,560.00	$ 17,145,380.00	$ 45,523,940.00
$ 35,473,200.00	$ 21,431,725.00	$ 56,904,925.00
$/Unit ($1200 LIEE+ EUC)		$ 1,925

	Estimated Improvements Summary				BTU Conversion		
CZ (yrs)		HERS Index	kWh	Therm	1 kWh = 3413 Btu	1 therm = 100,000 Btu	Total
3	Savings		8,878	3,510	30,300,614	351,000,000	381,300,614
	Split				7.95%	92.05%	100.00%
8	Savings		21,725	1,464	74,147,425	146,400,000	220,547,425
	Gas/Electric Split				33.62%	66.38%	100.00%
10	Savings		39,534	2,130	134,929,542	213,000,000	347,929,542
	Gas/Electric Split				38.78%	61.22%	100.00%
12	Savings		37,973	4,479	129,601,849	447,900,000	577,501,849
	Gas/Electric Split				22.44%	77.56%	100.00%

CERTIFICATE OF SERVICE

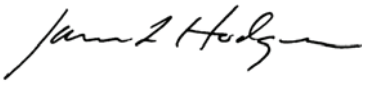
I hereby certify, pursuant to the Commission's Rules of Practice and Procedure, that I have this day served a true copy of the "Notice of *Ex Parte* Communication" The East Los Angeles Community Union.

[X] By first class U.S. mail, postage prepaid, to the Administrative Law Judge assigned to this proceeding, to the Assigned Commissioner, and to all parties listed with no e-mail address on the official service list referred to below.

AND

[X] By Electronic Mail – serving the enclosed via e-mail transmission to each person the application lists as being authorized to receive service and to those on the consolidated service list of A08-05-022, A08-05-024, A08-05-025, and A08-05-026.

Dated at Sacramento, California this 29th day of March, 2011.



James L. Hodges
1069 45th Street
Sacramento CA 95819
(916) 451-7011 voice
(916) 914-2350 fax
hodgesjl@surewest.net

CPUC Home

CALIFORNIA PUBLIC UTILITIES COMMISSION
Service Lists

PROCEEDING: A0805022 - PG&E - FOR APPROVAL
FILER: PACIFIC GAS AND ELECTRIC COMPANY
LIST NAME: LIST
LAST CHANGED: MARCH 29, 2011

Download the Comma-delimited File
About Comma-delimited Files

Back to Service Lists Index

Parties

ALLAN RAGO
QUALITY CONSERVATION SERVICES, INC.
EMAIL ONLY
EMAIL ONLY, CA 00000
FOR: THE ENERGY EFFICIENCY COUNCIL; QUALITY CONSERVATION SERVICES, INC.

ALEX JACKSON
NATURAL RESOURCES DEFENSE COUNCIL
EMAIL ONLY
EMAIL ONLY, CA 00000-0000
FOR: NATURAL RESOURCES DEFENSE COUNCIL

HAYLEY GOODSON
STAFF ATTORNEY
THE UTILITY REFORM NETWORK
EMAIL ONLY
EMAIL ONLY, CA 00000-0000
FOR: TURN

CATHERINE MAZZEO
SR. COUNSEL - LEGAL
SOUTHWEST GAS CORPORATION
5241 SPRING MOUNTAIN ROAD
LAS VEGAS, NV 89150-0002
FOR: SOUTHWEST GAS CORPORATION

HOLLY J. LLOYD
ANALYST III/STATE REGULATORY AFFAIRS
SOUTHWEST GAS CORPORATION
5241 SPRING MOUNTAIN ROAD
LAS VEGAS, NV 89150-0002
FOR: SOUTHWEST GAS CORPORATION

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

MICHAEL R. THORP
SO CAL GAS AND SDG&E
555 WEST FIFTH STREET, STE 1400
LOS ANGELES, CA 90013-1011

ALEX SOTOMAYOR
MARAVILLA FOUNDATION
5729 UNION PACIFIC AVENUE
LOS ANGELES, CA 90022
FOR: MARAVILLA FOUNDATION

ARLEEN NOVOTNEY
SOUTHERN CALIFORNIA FORUM
941 PALMS BLVD.
VENICE, CA 90291
FOR: SELF

RICHARD VILLASENOR
TELACU
12252 MC CANN DRIVE
SANTA FE SPRINGS, CA 90670

LUIS A. CHAVEZ
WINEGARD ENERGY, INC.
5354 IRWINDALE AVE., BUILDING B

MICHAEL MONTOYA
SENIOR ATTORNEY
SOUTHERN CALIFORNIA EDISON

IRWINDALE, CA 91706
FOR: WINEGARD ENERGY, INC.

2244 WALNUT GROVE AVE.
ROSEMEAD, CA 91770

MONICA GHATTAS
SOUTHERN CALIFORNIA EDISON COMPANY
2244 WALNUT GROVE AVENUE
ROSEMEAD, CA 91770
FOR: SOUTHERN CALIFORNIA EDISON COMPANY

KEITH SWITZER
BEAR VALLEY ELECTRIC SERVICE
630 EAST FOOTHILL BLVD.
SAN DIMAS, CA 91773
FOR: BEAR VALLEY ELECTRIC SERVICE

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

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

BRUCE PATTON
RANCHO VALLEY BUILDERS, INC.
647 AERO WAY
ESCONDIDO, CA 92029
FOR: THE SAN DIEGO COMMUNITY ENERGY ADVISORY COMMITTEE (SDCEAC)

GEORGETTA J. BAKER
SAN DIEGO GAS & ELECTRIC/SOCAL GAS
101 ASH STREET, HQ 13
SAN DIEGO, CA 92101
FOR: SDG&E/SOCALGAS

KIM F. HASSAN
SAN DIEGO GAS & ELECTRIC COMPANY
101 ASH STREET, HQ-12
SAN DIEGO, CA 92101
FOR: SOUTHERN CALIFORNIA GAS COMPANY & SAN DIEGO GAS ELECTRIC COMPANY

JOY C. YAMAGATA
REGULATORY CASE ADMIN.
SAN DIEGO GAS & ELECTRIC COMPANY
8330 CENTURY PARK COURT, CP 32 D
SAN DIEGO, CA 92123-1530
FOR: SAN DIEGO GAS & ELECTRIC COMPANY/SOUTHERN CALIFORNIA GAS COMPANY

LYDIA FLORES
PRESIDENT
AMERICAN INSULATION INC
8305 MIRALANI DRIVE
SAN DIEGO, CA 92126
FOR: AMERICAN INSULATION INC.

TIMOTHY J. LAWLER
CEO/PRESIDENT
SUNDOWNER INSULATION, INC.
1495 RAILROAD AVENUE
CLOVIS, CA 93612
FOR: SUNDOWNER INSULATION, INC.

ART BRICE
RICHARD HEATH AND ASSOCIATES, INC.
590 W. LOCUST AVENUE, SUITE 103
FRESNO, CA 93650
FOR: RICHARD HEATH AND ASSOCIATES, INC.

PAUL KERKORIAN
UTILITY COST MANAGEMENT, LLC
6475 N PALM AVE., STE. 105
FRESNO, CA 93704
FOR: NONPROFIT HOUSING ASSOCIATIO OF NORTHRN CALIFORNIA

JERRY H. MANN
ATTORNEY AT LAW
PERKINS, MANN & EVERETT
2222 W. SHAW AVE., SUITE 202
FRESNO, CA 93711
FOR: RICHARD HEATH & ASSOCIATES

BENJAMIN CARROLL
RENAISSANCE INC.
2615 W DUDLEY AVE.
FRESNO, CA 93728
FOR: RENAISSANCE INC.

GREGORY REDICAN
DEPUTY DIRECTOR
COMMUNITY ACTION AGENCY OF SAN MATEO
930 BRITTAN AVENUE
SAN CARLOS, CA 94070
FOR: SELF

WILLIAM F. PARKER
COMMUNITY ACTION AGENCY OF SAN MATEO
930 BRITTAN AVENUE
SAN CARLOS, CA 94070
FOR: COMMUNITY ACTION AGENCY OF SAN MATEO

KAREN CAMILLE WATTS-ZAGHA
CALIF PUBLIC UTILITIES COMMISSION
ELECTRICITY PRICING AND CUSTOMER PROGRAM
ROOM 4104
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214
FOR: DRA

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

DANIEL F. COOLEY
ATTORNEY AT LAW
PACIFIC GAS AND ELECTRIC COMPANY
77 BEALE STREET, MAIL CODE B30A

JOSEPHINE WU
PACIFIC GAS AND ELECTRIC COMPANY
77 BEALE STREET, MC B9A
SAN FRANCISCO, CA 94105

SAN FRANCISCO, CA 94105
FOR: PACIFIC GAS AND ELECTRIC COMPANY

IRENE K. MOOSEN
ATTORNEY AT LAW
WESTERN MANUFACTURED HOUSING COMM. SVCS.
53 SANTA YNEZ AVENUE
SAN FRANCISCO, CA 94112

JOHN DUTCHER
VP - REGULATORY AFFAIRS
MOUNTAIN UTILITIES, LLC
3210 CORTE VALENCIA
FAIRFIELD, CA 94534-7875

DAVID C. CLARK
SYNERGY COMPANIES
28436 SATELLITE STREET
HAYWARD, CA 94545
FOR: SYNERGY COMPANIES, INC.

JULIE RICHARDSON
ENERGY EFFICIENCY, INC.
PO BOX 1612
UNION CITY, CA 94587
FOR: ENERGY EFFICENCY, INC.

ROBERT GNAIZDA
POLICY DIRECTOR/GENERAL COUNSEL
THE GREENLINING INSTITUTE
1918 UNIVERSITY AVENUE, SECOND FLOOR
BERKELEY, CA 94704
FOR: THE GREENLINING INSTITUTE

SAMUEL S. KANG
THE GREENLINING INSTITUTE
1918 UNIVERSITY AVENUE, 2ND FLR.
BERKELEY, CA 94704
FOR: THE GREENLINING INSTITUTE

LAILA CORREA
LATINO ISSUES FORUM
1918 UNIVERSITY AVENUE, STE. 3D
BERKELEY, CA 94704-1051
FOR: LATINO ISSUES FORUM

MARY - LEE KIMBER
ATTORNEY AT LAW
DISABILITY RIGHTS ADVOCATES
2001 CENTER STREET, 3RD FLOOR
BERKELEY, CA 94704-1204
FOR: DISABILITY RIGHTS ADVOCATES

MELISSA W. KASNITZ
DISABILITY RIGHTS ADVOCATES
2001 CENTER STREET, FOURTH FLOOR
BERKELEY, CA 94704-1204
FOR: DISABILITY RIGHTS ADVOCATES

DANA ARMANINO
COMMUNITY DEVELOPMENT AGENCY
COUNTY OF MARIN
3501 CIVIC CENTER DRIVE, ROOM 308
SAN RAFAEL, CA 94903
FOR: COUNTY OF MARIN COMMUNITY
DEVELOPMENT AGENCY

SUSAN E. BROWN
ATTORNEY AT LAW
A WORLD INSTITUTE FOR SUSTAINABLE HUMANI
PO BOX 428
MILL VALLEY, CA 94942
FOR: A WORLD INSTITUTE FOR SUSTAINABLE
HUMANITY

PETER HOFMANN
BO ENTERPRISES
43B EAST MAIN ST
LOS GATOS, CA 95030-6907
FOR: BO ENTERPRISES

MICHAEL LAMOND
ALPINE NATURAL GAS OPERATING COMPANY
PO BOX 550
15 ST. ANDREWS ROAD, SUITE 7
VALLEY SPRINGS, CA 95252

STEVE HEIM
WESTERN INSULATION, L.P.
2400 ROCKEFELLER DRIVE
CERES, CA 95307
FOR: WESTERN INSULATION, L.P.

BILL JULIAN
43556 ALMOND LANE
DAVIS, CA 95618

CAROLYN COX
GENERAL MANAGER
5213 ROSEANA COURT
FAIR OAKS, CA 95628

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

JAMES HODGES
ACCES
1069 45TH STREET
SACRAMENTO, CA 95819
FOR: ACCES, THE COMMUNITY ACTION OF SAN
MATEO COUNTY, INC., TELACU, THE
MARAVILLA FOUNDATION

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

LOUISE A. PEREZ
COMMUNITY RESOURCE PROJECT, INC.
250 HARRIS AVENUE, SUITE 6
SACRAMENTO, CA 95838
FOR: SELF

CRISTAL BEDORTHA
RESIDENTIAL WALL INSULATION
3714 NELSON AVE.
OROVILLE, CA 95965
FOR: RESIDENTIAL WALL INSULATION

KEITH GRIFFITH
SELF HELP HOME IMPROVEMENT PROJECT INC.
3777 MEADOWVIEW DR. 100
REDDING, CA 96002
FOR: SELF HELP HOME IMPROVEMENT PROJECT INC.

MICHELLE R. MISHOE
PACIFICORP
825 NE MULTNOMAH STREET, SUITE 1800
PORTLAND, OR 97232
FOR: PACIFICORP

Information Only

DENNIS W. GUIDO
VP
STAPLES & ASSOCIATES
EMAIL ONLY
EMAIL ONLY, CA 00000

JANE S. PETERS
RESEARCH INTO ACTION, INC.
EMAIL ONLY
EMAIL ONLY, CA 00000

JESSICA NELSON
PLUMAS-SIERRA RURAL ELECTRIC CO-OP
EMAIL ONLY
EMAIL ONLY, CA 00000

LARA ETTENSON
NATURAL RESOURCES DEFENSE COUNCIL
EMAIL ONLY
EMAIL ONLY, CA 00000

MARILYN WACKS
CALIFORNIA HOUSING PARTNERSHIP CORP
EMAIL ONLY
EMAIL ONLY, CA 00000
FOR: CALIFORNIA HOUSING PARTNERSHIP CORPORATION

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

TARYN CIARDELLA
SR. LEGAL SECRETARY
NV ENERGY
EMAIL ONLY
EMAIL ONLY, NV 00000

ZACHARY FRANKLIN
GRID ALTERNATIVES
EMAIL ONLY
EMAIL ONLY, CA 00000
FOR: GRID ALTERNATIVES

DAVID E. MORSE
CALIFORNIA AMERICAN WATER CO.
EMAIL ONLY
EMAIL ONLY, CA 00000-0000

GLORIA BRITTON
ANZA ELECTRIC CO-OPERATIVE, INC.
EMAIL ONLY
EMAIL ONLY, CA 00000-0000

KYLE JEFFERY
RHA, INC.
EMAIL ONLY
EMAIL ONLY, CA 00000-0000

NARISHA BONAKDAR
CALIFORNIA HOUSING PARTNERSHIP CORP.
EMAIL ONLY
EMAIL ONLY, CA 00000-0000
FOR: CALIFORNIA HOUSING PARTNERSHIP CORP.

PEDRO VILLEGAS
SEMPRA ENERGY UTILITIES
EMAIL ONLY
EMAIL ONLY, CA 00000-0000

RICHARD ESTEVES
SESCO, INC.
77 YACHT CLUB DRIVE, SUITE 1000
LAKE HOPATCONG, NJ 07849-1313

COMMERCE ENERGY, INC.
5251 WESTHEIMER RD., STE. 1000
HOUSTON, TX 77056-5414

DAVE MUNK
PROGRAM MANAGER
RESOURCE ACTION PROGRAM
2724 UPPER CATTLE CREEK ROAD
CARBONDALE, CO 81623

KRISTIEN TARY
STATE REGULATORY AFFAIRS
SOUTHWEST GAS CORPORATION
5241 SPRING MOUNTAIN ROAD

CHRISTOPHER HILEN
SIERRA PACIFIC POWER CO.
PO BOX 10100
RENO, NV 89511

LAS VEGAS, NV 89150

TREVOR DILLARD
RATE REGULATORY RELATIONS
SIERRA PACIFIC POWER COMPANY
6100 NEAL ROAD, MS S4A50 / PO BOX 10100
RENO, NV 89520-0024

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

SENATOR RICHARD POLANCO
3701 GLENALBYN DRIVE
LOS ANGELES, CA 90065

RON GARCIA
RELIABLE ENERGY MANAGEMENT, INC.
6250 PARAMOUNT BLVD.
LONG BEACH, CA 90805

JOSE ATILIO HERNANDEZ
LIOB MEMBER
LIOB
9237 GERALD STREET
NORTHRIDGE, CA 91343

SHEILA LEE
REGULATORY, CONTROLS AND SOLICITATIONS
SOUTHERN CALIFORNIA EDISON COMPANY
6042 N. IRWINDALE AVENUE, SUITE A
IRWINDALE, CA 91702

WALLIS J. WINEGAR
WINEGARD ENERGY, INC
5354 IRWINDALE AVENUE, BLDG B.
IRWINDALE, CA 91706

WALLIS WINEGARD
WINEGARD ENERGY, INC.
5354 IRWINDALE AVE., BUILDING B
IRWINDALE, CA 91706
FOR: WINEGARD ENERGY, INC.

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

AKBAR JAZAYEIRI
DIR OF REVENUE & TARIFFS
SOUTHERN CALIFORNIA EDISON COMPANY (338)
2241 WALNUT GROVE AVE. / PO BOX 800
ROSEMEAD, CA 91770

CASE ADMINISTRATION
SOUTHERN CALIFORNIA EDISON COMPANY
PO BOX 800 / 2244 WALNUT GROVE AVE.
ROSEMEAD, CA 91770

JACK F. PARKHILL
SOUTHERN CALIFORNIA EDISON
2131 WALNUT GROVE AVENUE
ROSEMEAD, CA 91770

JEANNIE HARRELL
SOUTHERN CALIFORNIA EDISON COMPANY
2131 WALNUT GROVE AVENUE
ROSEMEAD, CA 91770

JENNIFER M. TSAO SHIGEKAWA
SOUTHERN CALIFORNIA EDISON COMPANY
2244 WALNUT GROVE AVENUE
ROSEMEAD, CA 91770

JOHN FASANA
SOUTHERN CALIFORNIA EDISON
2131 WALNUT GOVE AVE.
ROSEMEAD, CA 91770

LARRY R. COPE
ATTORNEY AT LAW
SOUTHERN CALIFORNIA EDISON
PO BOX 800, 2244 WALNUT GROVE AVENUE
ROSEMEAD, CA 91770
FOR: SOUTHERN CALIFORNIA EDISON COMPANY

ROBERTO DEL REAL
SOUTHERN CALIFORNIA EDISON COMPANY
2131 WALNUT GROVE AVENUE
ROSEMEAD, CA 91770

MARK MCNULTY
4654 MAYAPAN DR
LA MESA, CA 91941-7148
FOR: BEAR VALLEY ELECTRIC/GOLDEN STATE WATER

YOLE WHITING
12532 JACKSON HILL LANE
EL CAJON, CA 92021

JOHN JENSEN
REGIONAL MANAGER
RICHARD HEATH AND ASSOCIATES, INC.
7847 CONVOY COURT , SUITE 102
SAN DIEGO, CA 92111

REGULATORY AFFAIRS
SAN DIEGO GAS & ELECTRIC CO.
8330 CENTURY PARK COURT-CP31E
SAN DIEGO, CA 92123-1530

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

YVETTE VAZQUEZ
SAN DIEGO GAS & ELECTRIC
8326 CENTURY PARK COURT, MC CP62E

FAITH BAUTISTA
PRESIDENT
NATIONAL ASIAN AMERICAN COALITION

SAN DIEGO, CA 92123-1569

9580 BLACK MOUNTAIN ROAD, STE. A
SAN DIEGO, CA 92126

JOHN NEWCOMB
696 SOUTH TIPPECANOE AVENUE
SAN BERNARDINO, CA 92415
FOR: COMMUNITY ACTION PARTNERSHIP OF
SAN BERNARDINO COUNTY

MARIA Y. JUAREZ
DEPUTY DIRECTOR
DEPARTMENT OF COUMMINTY ACTION
2038 IOWA AVENUE, SUITE B-102
RIVERSIDE, CA 92507

BILL BELANSKY
WESTERN INSULATION
680 COLUMBIA AVE
RIVERSIDE, CA 92507-2144

RICK TRICE
EASE OF CALIFORNIA
23811 WASHINGTON AVE., C110-230
MURRIETA, CA 92562

SARAH TRICE
EASE OF CALIFORNIA
23811 WASHINGTON AVE., C110-230
MURRIETA, CA 92562

TODD ALLRED
EASE OF CALIFORNIA
23811 WASHINGTON AVE., C110-230
MURRIETA, CA 92562

RICHARD SHAW
PRESIDENT
SOUTHERN CALIFORNIA FORUM
PO BOX 469
FILLMORE, CA 93016

JIM MCNAMARA
SAN LUIS OBISPO COUNTY, INC.
1030 SOUTHWOOD DRIVE
SAN LUIS OBISPO, CA 93401

ELISABETH ADAMS
ASSERT INC.
155 W. AVENUE J-5
LANCASTER, CA 93534

HECTOR HUERTA
RICHARD HEATH AND ASSOCIATES, INC.
590 W. LOCUST AVE., SUITE 103
FRESNO, CA 93650

JOE WILLIAMS
CEO
RICHARD HEATH AND ASSOCIATES, INC.
590 W. LOCUST AVENUE, STE 103
FRESNO, CA 93650

KRISTINE LUCERO
EXECUTIVE ASSISTANT
RICHARD HEATH AND ASSOCIATES, INC.
590 W. LOCUST AVE., STE. 103
FRESNO, CA 93650

MARK SHIRIN
VENTURA TV APPLIANCE CENTER
3619 E VENTURA BLVD
FRESNO, CA 93702-5009

MICHAEL WILLIAMS
LIOB MEMBER
LIOB
3045 N. SUNNYSIDE, SUITE 101
FRESNO, CA 93727

ORTENSIA LOPEZ
EXECUTIVE DIRECTOR
EL CONCILIO OF SAN MATEO
1419 BURLINGAME AVE., SUITE N
BURLINGAME, CA 94010

ANN KELLY
DEPT. OF THE ENVIRONMENT
CITY AND COUNTY OF SAN FRANCISCO
11 GROVE STREET
SAN FRANCISCO, CA 94102

BRUCE FOSTER
SOUTHERN CALIFORNIA EDISON COMPANY
601 VAN NESS AVENUE, STE. 2040
SAN FRANCISCO, CA 94102

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

JEANNE M. SOLE
CITY AND COUNTY OF SAN FRANCISCO
CITY HALL, RM 234
1 DR. CARLTON B. GOODLET PLACE
SAN FRANCISCO, CA 94102-4682

BRANDON TRAN
PACIFIC GAS AND ELECTRIC COMPANY
245 MARKET STREET, MC N9E
SAN FRANCISCO, CA 94105

BRETT SEARLE
SR. PROJECT MGMT ANALYST
PACIFIC GAS AND ELECTRIC COMPANY
77 BEALE STREET, RM 559A, MCB5K
SAN FRANCISCO, CA 94105

CRAIG M. BUCHSBAUM
ATTORNEY AT LAW
PACIFIC GAS AND ELECTRIC COMPANY
77 BEALE STREET, B30A
SAN FRANCISCO, CA 94105
FOR: PACIFIC GAS AND ELECTRIC COMPANY

HANNAH BASCOM
PACIFIC GAS AND ELECTRIC COMPANY
245 MARKET ST., MC N3F
SAN FRANCISCO, CA 94105

LINDA FONTES
PACIFIC GAS & ELECTRIC COMPANY
77 BEALE STREET, MC B5K
SAN FRANCISCO, CA 94105

LISE H. JORDAN, ESQ.
PACIFIC GAS AND ELECTRIC COMPANY
77 BEALE STREET, B30A. RM 3151
SAN FRANCISCO, CA 94105

MARDI WALTON
SR. REGULATORY ANALYST
PACIFIC GAS AND ELECTRIC COMPANY
77 BEALE STREET, MC B9A
SAN FRANCISCO, CA 94105

MARY O'DRAIN
PACIFIC GAS AND ELECTRIC COMPANY
245 MARKET ST., MC N6G
SAN FRANCISCO, CA 94105

STEVEN R. HAERTLE
PACIFIC GAS AND ELECTRIC COMPANY
77 BEALE STREET, MC B9A
SAN FRANCISCO, CA 94105

SUSAN MORRIS
PACIFIC GAS AND ELECTRIC COMPANY
245 MARKET ST., MC N3E
SAN FRANCISCO, CA 94105

SUSAN NORRIS
PACIFIC GAS AND ELECTRIC COMPANY
245 MARKET ST., MC N3E
SAN FRANCISCO, CA 94105

TINA NGUYEN
PACIFIC GAS AND ELECTRIC COMPANY
77 BEALE ST., MC B5K
SAN FRANCISCO, CA 94105

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

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

CALIFORNIA ENERGY MARKTS
425 DIVISADERO STREET, STE 303
SAN FRANCISCO, CA 94117

REGULATORY FILE ROOM
PACIFIC GAS AND ELECTRIC COMPANY
PO BOX 7442
SAN FRANCISCO, CA 94120

BRIAN K. CHERRY
DIRECTOR, REGULATORY RELATIONS
PACIFIC GAS AND ELECTRIC COMPANY (39)
77N BEALE ST., PO BOX 770000, MC B10C
SAN FRANCISCO, CA 94177

CASE COORDINATION
PACIFIC GAS AND ELECTRIC COMPANY
PO BOX 770000; MC B9A
SAN FRANCISCO, CA 94177

JAMES DEZELL
RHA, INC.
SUITE 205
1151 HARBOR BAY PKWY
ALAMEDA, CA 94502

BARBARA WILLIAMS
RHA, INC.
1151 HARBOR BAY PKWY STE. 205
ALAMEDA, CA 94502-6561

DUTCHER JOHN
V.P. REGULATORY AFFAIRS
MOUNTAIN UTILITIES
3210 CORTE VALENCIA
FAIRFIELD, CA 94534
FOR: MOUNTAIN UTILITIES

STEVEN R. SHALLENBERGER
SYNERGY COMPANIES
28436 SATTELITE STREET
HAYWARD, CA 94545

FRANCES L. THOMPSON
PACIFIC GAS AND ELECTRIC COMPANY
3401 CROW CANYON ROAD, 170C
SAN RAMON, CA 94583

RICK C. NOGER
PRAXAIR, INC.
2430 CAMINO RAMON DRIVE, STE. 300
SAN RAMON, CA 94583

LADONNA WILLIAMS
EXECUTIVE DIRECTOR
PO BOX 5653
VALLEJO, CA 94591

VIEN V. TRUONG, ESQ
GREEN FOR ALL
1611 TELEGRAPH AVENUE, SUITE 600
OAKLAND, CA 94601
FOR: GREEN FOR ALL

VIVIAN CHANG
GREEN FOR ALL
1611 TELEGRAPH AVENUE, SUITE 600
OAKLAND, CA 94601

ALEX KANG
ITRON, INC.
1111 BROADWAY, STE. 1800
OAKLAND, CA 94607

JODY S. LONDON
JODY LONDON CONSULTING
PO BOX 3629
OAKLAND, CA 94609
FOR: THE LOCAL GOVERNMENT SUSTAINABLE ENERGY COALITION

EMILY H. GORDON
GREEN FOR ALL
1611 TELEGRAPH AVENUE, SUITE 600
OAKLAND, CA 94612

DOCKET COORDINATOR
5727 KEITH ST.
OAKLAND, CA 94618

KAREN NOTSUND
ASSISTANT DIRECTOR
UC ENERGY INSTITUTE
2547 CHANNING WAY 5180
BERKELEY, CA 94720-5180

JESSICA HALPERN-FINNERTY
CENTER FOR LABOR RESEARCH & EDUCATION
DONALD VIAL CENTER ON EMPLOYMENT
2521 CHANNING WAY, NUMBER 5555
BERKELEY, CA 94720-5555

SARA BIRMINGHAM
DIRECTOR, WESTERN POLICY
SOLAR ALLIANCE
11 LYNN COURT
SAN RAFAEL, CA 94901
FOR: SOLAR ALLIANCE

MICHELE RODRIGUEZ
PLANNING SUSTAINABLE COMMUNITIES
220 MCALLISTER AVENUE
KENTFIELD, CA 94904

MARY TUCKER
ENVIRONMENTAL SERVICES DEPARTMENT
CITY OF SAN JOSE
200 E. SANTA CLARA, 10TH FLOOR
SAN JOSE, CA 95113

DOUGLAS MOIR
WESTERN APPLIANCE
1976 W. SAN CARLOS STREET
SAN JOSE, CA 95128

STEPHANIE BORBA
WESTERN INSULATION, L.P.
2400 ROCKEFELLER DRI VE
CERES, CA 95307

THOMAS S KIMBALL
MODESTO IRRIGATION DISTRICT
1231 11TH STREET
MODESTO, CA 95352-4060

BOB HONDEVILLE
MODESTO IRRIGATION DISTRICT
1231 11TH STREET
MODESTO, CA 95354

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

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

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

ROBERT E. BURT
INSULATION CONTRACTORS ASSN.
3479 ORANGE GROVE AVE., STE. A
NORTH HIGHLANDS, CA 95660

ROBERT J. BICKER
LEGISLATIVE ANALYST
CALIFORNIA APARTMENT ASSOCIATION
980 NINTH STREET, SUITE 200
SACRAMENTO, CA 95814

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

SHEILA DEY
EXECUTIVE DIRECTOR
WESTERN MANUFACTURED HOUSING COMMUNITIES
455 CAPITAL MALL STE 800
SACRAMENTO, CA 95814

DEVI EDEN
ADVISOR TO COMMISSIONER ROSENFELD
CALIFORNIA ENERGY COMMISSION
1516 9TH STREET, MS 35
SACRAMENTO, CA 95814-5512

JEDEDIAH J. GIBSON
ATTORNEY AT LAW
ELLISON SCHNEIDER & HARRIS LLP
2600 CAPITOL AVENUE, SUITE 400
SACRAMENTO, CA 95816-5905
FOR: SIERRA PACIFIC POWER COMPANY

JASON WIMBLEY
DIVISION CHIEF, ENERGY&ENVIRON PROGRAMS
DEPT. OF COMMUNITY SERVICES & DEVELOPMEN

DAVE STEPHENSON
RATE REGULATION MANAGER - WESTERN REGIO
AMERICAN WATER WORKS SERVICE CO.

2389 GATEWAY OAKS DRIVE
SACRAMENTO, CA 95833

4701 BELOIT DRIVE
SACRAMENTO, CA 95838

JAMES O'BANNON
RICHARD HEATH AND ASSOCIATES, INC.
1026 MANGROVE AVE., STE 20
CHICO, CA 95926

PAMELA GORSUCH
PROJECT MANAGER
RICHARD HEATH AND ASSOCIATES, INC.
1026 MANGROVE AVENUE, SUITE 20
CHICO, CA 95926

SCOTT BERG
SELF HELP HOME IMPROVEMENT PROJECT INC.
3777 MEADOWVIEW DR., 100
REDDING, CA 96002
FOR: SELF HELP HOME IMPROVEMENT PROJECT INC.

DIANA BJORNSKOV
SENIOR PROGRAM MANAGER
PORTLAND ENERGY CONSERVATION, INC
1400 SW 5TH AVENUE, STE 700
PORTLAND, OR 97201

STEPHEN GROVER, PH.D.
ECONORTHWEST
222 SW COLUMBIA ST., STE. 1600
PORTLAND, OR 97201-6616

STEVE GROVER
ECONORTHWEST
222 SW COLUMBIA BLVD., STE. 1600
PORTLAND, OR 97201-6616

M. SAMI KHAWAJA, PH.D
QUANTEC, LLC
SUITE 400
720 SW WASHINGTON STREET
PORTLAND, OR 97205

CATHIE ALLEN
DIR., REGULATORY AFFAIRS
PACIFICORP
825 NE MULTNOMAH STREET, SUITE 2000
PORTLAND, OR 97232

MARISA DECRISTOFORO
PACIFICORP
825 NE MULTNOMAH STREET, SUITE 800
PORTLAND, OR 97232

DAVE SULLIVAN P.E.
CONSULTING ENGINEER
614 38TH PLACE
FLORENCE, OR 97439-8216

State Service

TORY FRANCISCO
CALIFORNIA PUBLIC UTILITIES COMMISSION
EMAIL ONLY
EMAIL ONLY, CA 00000

VAROUJAN JINBACHIAN
CALIF PUBLIC UTILITIES COMMISSION
PUBLIC ADVISOR OFFICE
320 West 4th Street Suite 500
Los Angeles, CA 90013

ALIK LEE
CALIF PUBLIC UTILITIES COMMISSION
COMMUNICATIONS POLICY BRANCH
ROOM 4209
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

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

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

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

JOE COMO
CALIF PUBLIC UTILITIES COMMISSION
DRA - ADMINISTRATIVE BRANCH
ROOM 4101
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

JOSEPHINE EMELO
CALIF PUBLIC UTILITIES COMMISSION
ELECTRICITY PRICING AND CUSTOMER PROGRAM
ROOM 4104
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

KELLY HYMES
CALIF PUBLIC UTILITIES COMMISSION
DIVISION OF ADMINISTRATIVE LAW JUDGES
ROOM 5111
505 VAN NESS AVENUE

KIMBERLY KIM
CALIF PUBLIC UTILITIES COMMISSION
DIVISION OF ADMINISTRATIVE LAW JUDGES
ROOM 5021
505 VAN NESS AVENUE

SAN FRANCISCO, CA 94102-3214

SAN FRANCISCO, CA 94102-3214

LISA ORSABA
CALIF PUBLIC UTILITIES COMMISSION
ELECTRICITY PRICING AND CUSTOMER PROGRAM
ROOM 4104
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

MARIANA C. CAMPBELL
CALIF PUBLIC UTILITIES COMMISSION
ENERGY COST OF SERVICE & NATURAL GAS BRA
ROOM 4205
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

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

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

PAMELA NATALONI
CALIF PUBLIC UTILITIES COMMISSION
LEGAL DIVISION
ROOM 5124
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

RISA HERNANDEZ
CALIF PUBLIC UTILITIES COMMISSION
COMMUNICATIONS POLICY BRANCH
ROOM 4209
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

ROBERT KINOSIAN
CALIF PUBLIC UTILITIES COMMISSION
EXECUTIVE DIVISION
ROOM 5202
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214
FOR: DRA

ROBERT LEHMAN
CALIF PUBLIC UTILITIES COMMISSION
COMMUNICATIONS POLICY BRANCH
ROOM 4209
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

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

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

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

THOMAS M. RENAGHAN
CALIF PUBLIC UTILITIES COMMISSION
ENERGY COST OF SERVICE & NATURAL GAS BRA
ROOM 4205
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

KEVIN S. NAKAMURA
CALIF PUBLIC UTILITIES COMMISSION
UTILITY AUDIT, FINANCE & COMPLIANCE BRAN
180 Promenade Circle, Suite 115
Sacramento, CA 95834

ZAIDA AMAYA
CALIFORNIA PUBLIC UTILITIES COMMISSION
180 PROMENADE CIRCLE, STE. 115
SACRAMENTO, CA 95834

TOP OF PAGE
BACK TO INDEX OF SERVICE LISTS