

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298

June 20, 2006

Agenda ID #5774
Ratesetting

TO: PARTIES OF RECORD IN RULEMAKING 06-02-013

This is the draft decision of Administrative Law Judge (ALJ) Carol Brown. It will not appear on the Commission's agenda for at least 30 days after the date it is mailed. The Commission may act then, or it may postpone action until later.

When the Commission acts on the draft decision, it may adopt all or part of it as written, amend or modify it, or set it aside and prepare its own decision. Only when the Commission acts does the decision become binding on the parties.

Parties to the proceeding may file comments on the draft decision as provided in Article 19 of the Commission's "Rules of Practice and Procedure," accessible on the Commission's website at <http://www.cpuc.ca.gov>. Pursuant to Rule 77.3 opening comments shall not exceed 15 pages.

Comments must be filed with the Commission's Docket Office. Comments should be served on parties to this proceeding in accordance with Rules 2.3 and 2.3.1. Electronic copies of comments should be sent to ALJ Brown at cab@cpuc.ca.gov. All parties must serve hard copies on the ALJ and the Assigned Commissioner, and for that purpose I suggest hand delivery, overnight mail or other expeditious methods of service. The current service list for this proceeding is available on the Commission's website, www.cpuc.ca.gov.

/s/ ANGELA K. MINKIN

Angela K. Minkin, Chief
Administrative Law Judge

ANG:sid

Attachment

Decision **DRAFT DECISION OF ALJ BROWN** (Mailed 6/20/2006)

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Order Instituting Rulemaking to Integrate
Procurement Policies and Consider Long-Term
Procurement Plans.

Rulemaking 06-02-013
(Filed February 16, 2006)

**OPINION ON NEW GENERATION AND LONG-TERM CONTRACT
PROPOSALS AND COST ALLOCATION**

Title	Page
OPINION ON NEW GENERATION AND LONG-TERM CONTRACT PROPOSALS AND COST ALLOCATION.....	2
Executive Summary	2
I. Introduction.....	5
II. Background.....	8
A. Progress Towards Resource Adequacy and Long-Term Procurement.....	8
B. Procedural Background	13
III. Summary of Proposals and Comments.....	14
A. The Joint Parties' Proposal.....	15
B. Other Proposals.....	18
C. The Indicated Parties' Proposal	20
D. Post-Workshop Comments.....	23
IV. Adoption of Modified Proposal	23
A. Discussion	23
B. The Adopted Proposal	25
C. Other Issues.....	33
1. Other Market Participants.....	33
2. Public Good	34
3. Future Extension of Mechanism.....	34
4. Opt-Out Mechanism	35
5. Need Determination.....	35
6. Legal Authority.....	38
7. Affiliate Transactions	41
8. Market-Based Approaches.....	42
9. Non-Utility ESP	44
10. PG&E's Situation	44
11. SCE's Situation.....	45
12. POU Concerns.....	45
13. Cogeneration Concerns	45
14. Concerns about RFOs	46
15. Hearings.....	46
V. Motions	48
VI. Comments on Draft Decision.....	48
VII. Assignment of Proceeding	48

Findings of Fact.....	48
Conclusions of Law	53
ORDER	55

APPENDIX A – Excerpt from Presentation of Kevin Kennedy	
APPENDIX B – Excerpt from Presentation by Dave Ashuckian	
APPENDIX C – Post Workshop Comments	

OPINION ON NEW GENERATION AND LONG-TERM CONTRACT PROPOSALS AND COST ALLOCATION

Executive Summary

The electricity market crisis of 2000-2001 cut short the restructuring process envisioned by Assembly Bill (AB) 1890, and numerous developments since then have left California with a hybrid market structure subject to significant legislative mandates. Direct Access (DA) was frozen by the Legislature, several non-bypassable charges have been imposed on migrating customers, and the bankruptcies and litigation that followed the crisis have resulted in acquisition of new power plants by the investor-owned utilities (IOU). These developments have left some questioning what is the future of the California electricity market.

With this decision today, the Commission seeks to signal that it is committed to the fundamental principles that have guided electricity market restructuring in California and elsewhere: competition and customer choice. In particular, we intend to pursue policies to develop and maintain a viable and workably competitive wholesale generation sector in order to assure least cost procurement for bundled utility customers. At an appropriate juncture, in another proceeding, we intend to explore how we may increase customer choice, by reinstituting DA or via other suitable means. In the interim, we will strike a balance between requiring that energy service providers (ESP) are “responsible citizens” while ensuring that our actions do not undermine the ESP’s business model.

However, determining the appropriate market model and developing the necessary institutional infrastructure takes time and a more extensive record

than we have developed thus far in this proceeding. Phase II of this proceeding, in tandem with Phase II of the Resource Adequacy (RA) proceeding, Rulemaking (R.) 05-12-013 will tackle the longer term market structure questions.

Our foremost responsibility is to assure continued reliable service at reasonable cost. At this point in time, we are faced with the urgent need to bring new capacity on line as soon as 2009, at least for Southern California. We therefore devoted Phase I of this proceeding to working with the known need and we found that in order to maintain adequate capacity and reserves throughout the state, 3,700 megawatts (MW) of new generation must come on line beginning in 2009. The required new resources are *in addition* to the investments the IOU's are expected to make in energy efficiency and renewable generation that are consistent with the State's Loading Order policy, the goals established in Energy Action Plans I and II and Commission decisions implementing these policies.

Given the significant savings resulting from making use of pre-existing transmission and gas interconnections at brownfield sites, we strongly encourage market participants to take advantage of opportunities to repower older facilities. For the purposes of upcoming requests for offers (RFO), new generation should be understood to encompass both greenfield facilities and repowers of existing units, where feasible and appropriate.

The more challenging question we faced was how to assure timely construction of the necessary capacity without compromising our longer term goals of achieving competition and customer choice. The only complete solution presented to the Commission was the Joint Parties' proposal (JP). The JP would make the IOUs the entities responsible for acquiring new generation capacity, on a temporary basis, for bundled and unbundled customers alike. While other

parties offered critiques of the JP, their alternative solution can be summarized simply as “stay the course:” continue with ongoing market reforms and somehow or other the new capacity will get built.

Given the urgent need for new capacity and the lengthy lead-times required both for new construction and to develop and implement new market institutions, we conclude that staying the course is too risky. Developers have indicated that they require long-term contracts to undertake new projects, and both ESPs and IOUs are unwilling to sign long-term contracts in the current regulatory and market framework. ESPs’ customers are on short term contracts and ESPs are currently unable to recruit new customers with the suspension of DA. IOUs are concerned that without assurances that the associated costs of long-term contracts can be passed on to customers leaving bundled service, or that adequate capacity would be available to serve DA customers that opt to return to bundled service, long-term contracts are too risky.

This presents a recipe for stalemate and, ultimately, scarcity. We therefore conclude that immediate and affirmative Commission action is required to assure construction of adequate new capacity during the time in which we are transitioning to more robust and durable market institutions.

Accordingly, we will adopt a modified version of the Joint Parties’ proposal *on a limited and transitional basis*. This new cost allocation mechanism will only apply until new institutions are decided upon, developed and in place. We will not approve this cost allocation for any additional utility owned generation, since that generation is essentially dedicated to bundled customers. We adopt recommendations from the Indicated Parties in order to limit the procurement role of the IOUs. The proposal’s salient feature is that it divides the management of the energy and capacity components of the newly acquired

generation, so that the IOUs are not responsible for the energy management of the new capacity by default. Instead, the energy component of new generation contracts would be managed by the entity that values the energy the most, as revealed through an auction or other bidding process. This practice is consistent with both ESPs and IOUs managing their energy purchases separately. Implementation details for this proposal will be worked out in Phase II of this proceeding.

We are supportive of the proposal that LSEs that can demonstrate that they are fully resource adequate over a sufficiently long time horizon should be allowed to opt-out of the cost-allocation system. In Phase II of R.05-12-013, we will consider proposals for how an opt-out system can be designed and implemented, concurrent with our consideration of multi-year resource adequacy and capacity markets.

Phase II of this proceeding will provide guidance for how the IOUs are to conduct their forthcoming procurement processes.

Our intent is that the long-term market rules and institutions to be developed in Phase II of the RA proceeding will supersede these temporary arrangements. That proceeding will examine creating multi-year RA requirements for all LSEs as well as capacity markets and other arrangements for assuring that sufficient generation is built when and where it is needed. Ideally, cost recovery for plants built pursuant to these temporary arrangements ordered in this decision can be completed under the new structure, with a seamless transition.

I. Introduction

As we announced in the Order Instituting Rulemaking (OIR) initiating this rulemaking, “The first order of business for this proceeding will be to

examine the need for additional policies that support new generation and long-term contracts for California, including consideration of transitional and/or permanent mechanisms (e.g., cost allocation and benefit sharing, or some other alternative) which can ensure construction of and investment in new generation in a timely fashion.”

Simultaneously with this focus on new generation, the Commission also indicated its interest in capacity markets and exploring the concept and mechanisms of capacity markets in Phase II of the companion procurement Rulemaking, (R.) 05-12-013.

The State’s energy policies – as noted in the Commission’s and the California Energy Commission’s (CEC) Energy Action Plan II (EAP II)¹ and the

¹ In Energy Action Plan II (EAP II), a policy statement issued jointly by both the Commission and the CEC, established a set of priorities for the energy policy for the State. See <http://www.cpuc.ca.gov/PUBLISHED/REPORT/50480.htm>.

In EAP II, we state, “Significant capital investments are needed to augment existing facilities, replace aging infrastructure, and ensure that California's electrical supplies will meet current and future needs at reasonable prices and without over-reliance on a single fuel source.” Even with the emphasis on energy efficiency, demand response, renewable resources, and distributed generation, investments in conventional power plants will be needed. The State will work to establish a regulatory climate that encourages investment in environmentally-sound conventional electricity.

Key Actions 3 and 4 implementing “Electricity Adequacy, Reliability and Infrastructure” state we will “encourage the development of cost-effective, highly-efficient, and environmentally-sound supply resources [after incorporating higher loading order resources] to provide reliability and consistency with the State's energy priorities,” and “establish appropriate incentives for the development and operation of new generation to replace the least efficient and least environmentally sound of California's aging power plants.”

CEC's Integrated Energy Policy Report (IEPR) – uniformly point to the need for the State to invest in new generation in both northern and southern California.

Therefore, we are adopting a cost allocation mechanism, on a limited and transitional basis, that allows the advantages and costs of new generation to be shared by all benefiting customers in an IOU's service territory. We designate the IOUs to procure this new generation and benefiting customers receive resource adequacy credits and only pay for the net cost of capacity, minus the energy revenues. We intend this mechanism to be in place only until new market mechanisms institutions are developed in Phase II of R.05-12-013.

In light of the adoption of this new cost allocation mechanism, we order Pacific Gas and Electric Company (PG&E) and Southern California Edison Company (SCE) to proceed expeditiously to sign long-term contracts, as previously authorized in Decision (D.) 04-12-048. We also order PG&E, SCE, and San Diego Gas & Electric Company (SDG&E) to include in their 2006 long-term procurement plans (LTPP), resource plans that demonstrate whether there is additional system need for new capacity in their service territories in the next four to five years.² Based on this additional system need, we will also consider in Phase II of this rulemaking, whether the transitional policies we adopt herein should be extended to additional MWs of new generation. Finally, we note that the Commission is considering capacity markets and multi-year resource adequacy requirements (RAR) in Phase II of R.05-12-013.

² Additional guidance on Phase II plan filings will be forthcoming via a scoping memo.

II. Background**A. Progress Towards Resource Adequacy and Long-Term Procurement**

The following overview of our resource adequacy long-term procurement decisions sets the context for the action we take today. In D.04-12-048, we approved the LTPPs and signaled our preference for the IOUs to have a mixed portfolio of resources, including contracts that were short, medium and long term in length. While we authorized the IOUs to enter into long-term contracts, we did not order them to do so. It now appears that long-term contracts are necessary to solicit investment in new generation in California.

The Commission opened this rulemaking in February 2006, as a successor proceeding to previous procurement proceedings, R.01-10-024 and R.04-04-003. In D.04-01-050, considered under R.01-10-024, the Commission required each load-serving entity (LSE) within the utilities' service territories to be responsible for procuring, under Commission oversight, sufficient reserves to provide reliable service to its customer's load. In that decision, the Commission had considered a proposal suggested by The Utility Reform Network (TURN) to impose a non-bypassable surcharge so that all customers within the utility service territory would pay their fair share of the costs of acquiring needed reserves. TURN's proposed surcharge would have been similar to other surcharges approved by the Commission, such as SCE's Historic Procurement Charge (HPC) approved in D.02-07-032 and the Cost Responsibility Surcharge (CRS) approved by the Commission in, among other decisions, D.03-07-030. TURN proposed to allow ESPs who have acquired sufficient reserves to "opt-out" of paying this surcharge.

Although the proposed decision in this matter had advocated the adoption of the TURN approach, PG&E, SCE, and other parties raised several implementation issues in their comments. These parties' concerns were that (1) the utilities would be saddled with the cost of acquiring resources for ESPs without the ability to collect from the ESPs, and (2) it would be difficult to procure resources over a longer time-period if ESPs could "opt-out" of the program on a yearly basis. In light of these implementation issues, the Commission modified the proposed decision, and required each LSE to be directly responsible for acquiring its own reserves to meet its own resource adequacy (RA) obligation.

In R.04-04-003, the Commission implemented the resource adequacy requirements (RAR) described in D.04-01-050, through the adoption of RA policies and rules. (See, i.e., D.04-10-035 and D.05-10-042 *et seq.*) The Commission currently has a forward RAR that is "year-ahead" in nature. Critics have argued, however, that limiting the RAR to the year ahead creates a potential for resource scarcity. The critics portend, for example, if there is not sufficient capacity to meet all the LSEs' demands, one or more LSEs could be caught short. In this hypothetical scenario, PG&E and SCE fear that an ESP unable to meet its RAR because of lack of available capacity will turn back its customers to the IOU. If the entire system is short capacity, then the IOU will be unable to meet its RAR regardless of how well it planned for the needs of its bundled customer load. With a short amount of time between when a shortfall is discovered and when the capacity is needed, no new generation could be brought online in time.

In R.04-04-003, the Commission reviewed and approved the IOUs' LTPPs, and in D.04-12-048, the Commission extended the IOUs' procurement plan authority on a rolling 10-year basis, and authorized the IOUs to enter into

short, medium, and long-term contracts provided they complete the required compliance filings. In that proceeding, the IOUs expressed considerable concern regarding the stranded costs that might occur if the IOUs invested in long-term contracts and then experienced a large amount of departing load. In D.04-12-048, Section IV.A.2.a, the Commission discussed the stranded costs issue, as well as the fact that ESPs do not have a business model that supports investment in long-term contracts. The Commission concluded that utilities should be allowed to recover their stranded costs from all customers for a period of either the life of the contract or 10 years, whichever is less. (See D.04-12-048, Conclusions of Law 13-16.)

By establishing a year ahead RAR and determining that departing load was required to pay for stranded cost investments, the Commission had good reason to believe that it had removed barriers to long-term contracting. After D.04-12-048 was issued, both SCE and PG&E issued long-term RFOs. However, in Application (A.) 05-06-003, SCE requested cost-recovery for above-market costs from all customers, not just bundled customers. Evidently, SCE needed assurance that already *departed* (not just *departing*) load would pay for the cost of new generation. After issuance of the Scoping Memo limiting the scope of the application, SCE withdrew its application and cancelled its long-term RFO. PG&E continued with its long-term RFO, and recently brought seven contracts to the Commission in A.06-04-012. PG&E has requested similar cost-recovery treatment from all customers for its long-term contracts.

In addition to the fact that PG&E and SCE have not signed any long-term contracts to promote new generation, since the issuance of D.04-12-048, California has not seen sufficient investment from non-utility sources in new generation. The California Independent System Operator's (CAISO) Department

of Market Monitoring (DMM) released its assessment of the potential revenues a new generation resource could have earned in California's spot market in 2005. The DMM's April 2006 report indicates that "potential spot market revenues fell significantly short of the unit's annual fixed costs." The DMM looked at costs and expected revenues for both combined cycle and combustion turbine units and concluded that expected revenues do not justify investment in new generation absent long-term contracts:

The DMM's financial assessment of the potential revenues a new generation facility could have earned in California's spot market in 2005 indicates potential spot market revenues fell significantly short of the unit's annual fixed costs. This marks the fourth straight year that the DMM's analysis found that estimated spot market revenues failed to provide sufficient fixed cost recovery for new generation investment. This result underscores the critical importance of long-term contracting as the primary means for facilitating new generation investment.³

The DMM is very concerned about the effect that the lack of long-term contracting is having on California, particularly in Southern California.

Though a significant amount of new generation capacity was added to SP15 in 2005 (2,376 MW) and California realized more new generation investment in 2005 than any other ISO (footnote deleted), new generation investment within Southern California has not kept pace with the significant load growth in that region and unit retirements. This has resulted in a higher reliance on imported power from the

³ California Independent System Operator (CAISO), *2005 Annual Report on Market Issues and Performance*, April 11, 2006, Executive Summary, ES-2. Available at: <http://www.caiso.com/17d5/17d58bdd1270.html>.

Southwest, Northwest, and Northern California. This dependence on imports, coupled with tight reserve margins, makes Southern California very vulnerable to reliability problems should there be a major transmission outage. Moreover, much of the existing generation within Southern California is comprised of older facilities that are prone to forced outages, especially under periods of prolonged operation as occurred during the extraordinarily long heat wave in July, with loads exceeding 40,000 MW for all but two days beginning July 11 and into early August 2005. Additional new generation investment and re-powering of older existing generation facilities would significantly improve summer reliability issues in Southern California but such investments are not likely to occur absent long-term power contracts. The California spot market alone is not going to bring about the major investments needed to maintain a reliable electricity grid.⁴

The CAISO's upcoming Market Redesign and Technology Upgrade (MRTU) is expected to significantly improve the market mechanisms that drive the California's energy markets. It is too early to tell, however, whether MRTU will result in spot market prices and market certainty that will support major investments in new generation without long-term contracts.

The CEC's Transmittal Report for the 2005 IEPR⁵ indicated that there were no regulatory barriers to IOU's engaging in long-term contracting. Many parties have stated that the IOUs appear to be the most-likely entities to sign

⁴ *Id.*

⁵ CEC's IEPR Transmittal Report, November 2005, "[Commission Final Transmittal of 2005 Energy Report Range of Need and Policy Recommendations to the California Public Utilities Commission](http://www.energy.ca.gov/2005_energypolicy/documents/index.html)," Publication # CEC-100-2005-008-CMF., December 16, 2005. Available at: http://www.energy.ca.gov/2005_energypolicy/documents/index.html.

long-term contracts. However, SCE and PG&E state they are unwilling to sign long-term contracts if it means that their customers are burdened with the above market costs of those units. TURN has stated that it would be unfair to bundle customers to require the IOUs alone to invest in long-term contracts if those contracts cost more than existing generation. Numerous ESPs offer a different perspective. They contend that since DA is currently suspended, DA customers are not responsible for load growth, and therefore, no ESP customers should have to pay for any portion of the needed system expansion.

The above events indicate that we need an additional transitional policy to encourage investment in new generation resources now. Today, we address this issue on an interim basis, and we will address it on a long-term basis in Phase II of the RA proceeding, R.05-12-013.

B. Procedural Background

On February 16, 2006, the Commission initiated this rulemaking to integrate procurement policies and consider long-term procurement plans. To ensure adequate contracting for new resources, we invited proposals on ideas for policies to support new generation and long-term contracts. Proposals were received on March 7th and 8th. The Commission scheduled a workshop for March 14, 2006, to discuss the proposals.

The Assigned Commissioner's Ruling on March 29, 2006 permitted parties to comment on proposals discussed and examined at the workshop as

well as to offer “new proposals.” Comments following the workshop were received on April 10, 2006.⁶ Reply comments were received on April 19, 2006.⁷

III. Summary of Proposals and Comments

The pre-workshop proposals can be grouped into two categories: proposals advocating that the Commission should enact new policies now to support investment in new generation, or proposals suggesting that the Commission should “stay-the-course,” to allow other policies, such as resource

⁶ Joint Parties Comments including PG&E, SCE, NRG Energy, Inc. (NRG), TURN; The Coalition of California Utility Employees (CUE) and The Californian Unions for Reliable Energy (CURE); and AES Corporation (AES); Joint comments by Indicated Parties that includes California Large Energy Consumers Association (CLECA, California Manufacturers and Technology Association (CMTA), City and County of San Francisco (CCSF), Coral Power, L.L.C. (Coral), Division of Ratepayer Advocates (DRA), Energy Users Forum, J. Aron & Company (J. Aron), Silicon Valley Leadership Group (SVLG) and Strategic Energy, L.L.C. (Strategic); Aglet Consumer Alliance (Aglet); Alliance for Retail Energy Markets (AReM); California Clean DG Coalition (CCDG); CEC; Californians for Renewable Energy (CARE); CAISO; CLECA and CMTA; Cogeneration Association of California and Energy Producers and Users Coalition (CAC/EPUC); Davis Hydro; DRA; Good Company Associates on behalf of TAS (TAS); Green Power Institute (GPI); Independent Energy Producers Association (IEP); Merced Irrigation District and Modesto Irrigation District (MID); Joint Comments of MID, South San Joaquin Irrigation District, Northern California Power Agency and The California Municipal Utilities Association (Joint POU Parties); Mirant California, L.L.C., Mirant Delta L.L.C. and Mirant Potero L.L.C. (Mirant); PG&E; RCM Biothane (RCM); SDG&E; Sempra Global (Sempra); SVLG; SCE; TURN; Western Power Trading Forum (WPTF); and Women’s Energy Matters (WEM).

⁷ Replies were filed by Aglet; AReM; Indicated Parties; CLECA and CMTA; CARE; California Small Business Roundtable (CSBRT) and California Small Business Association (CSBA); CAC/EPUC; Constellation Energy Commodities Group, Inc., Constellation Generation Group, L.L.C. and Constellation Newenergy, Inc.(Constellation); Davis Hydro; DRA; FPL Energy, LLC. (FPLE); IEP; Joint POU Parties; MID; PG&E; SDG&E; Sempra Global; Joint Parties (same as April 10th); SCE; TURN; WEM.

adequacy and the 2004 long-term procurement plans, which are already in place, to stimulate sufficient new generation.

A. The Joint Parties' Proposal

In advance of the March 14, 2006 workshop, a Joint Parties' Proposal (JP) was presented by SCE, PG&E, NRG, TURN, and AES. The Joint Parties argued that the Commission should adopt their cost and benefit proposal as a limited, interim mechanism to ensure that new generation gets built on time. The Joint Parties intend that their interim plan will be replaced by a Commission-adopted market structure that will support new generation investment, such as capacity markets or another durable market mechanism.

The Joint Parties ask the Commission to rule that as a transitional mechanism, the utilities, or another entity if feasible, may procure new generation within an IOU's distribution service territory, with the costs and benefits associated with these new resources allocated to all benefiting customers. Under the JP, "benefiting customers" is defined as all bundled-service customers, DA, community choice aggregators (CCA) and IOU customers who are located or locate within the distribution service territory of an IOU but take service from a local public-owned utility (POU) subsequent to the commitment date for new generation.⁸ PG&E filed a separate proposal advocating that the IOUs are the only viable entities that can procure new generation.

Under the JP, not only costs, but also benefits, would be allocated. Capacity and energy are purchased by the IOU as a bundled product through a

⁸ Joint Proposal, March 7, 2006, p. 1, fn. 2.

contract for a new generating unit. All LSEs would be entitled to receive a share of the RAR credit. RA capacity credit would be divided among LSEs by a share of coincident peak, adjusted on a monthly basis to facilitate load migration. Implied in the JP is that the Energy Division (ED) and CEC would distribute the RAR credit through the existing notification mechanisms⁹ established in our RA program.

The Joint Parties' proposal is based on the premise that new generation is needed now in order for all LSEs, not just the three IOUs, to meet their individual RAR and to insure system reliability. The Joint Parties argue that the new generation is needed to ensure reliability and allow some aging units to retire, regardless of the source of the load growth¹⁰. The Joint Parties believe that in order to get new generation financed and built, the investor needs a long-term commitment. While an IOU is an entity with the resources to make such a commitment, PG&E and SCE believe that it would be unfair for their customers to pay the premium that new generation commands as compared with existing resources, while the entire state benefits from such an investment.

Under the JP, both utility-owned generation and power purchase agreements (PPA) for non-renewable portfolio standard (RPS) generation¹¹

⁹ Currently, the ED notifies each LSE of its RA obligation.

¹⁰ Many ESPs argue that due to the suspension of DA, their customer load is not growing, therefore load growth is by bundled customers only.

¹¹ RPS eligible generation is subject to cost allocation mechanisms established in Commission decisions in the RPS proceedings and the JP does not include RPS generation.

would be eligible for recovery under this mechanism.¹² The JP argues the Commission should not allow an opt-out mechanism for any aspect of the requirement because any opt-out mechanism would require a review of how the LSE was deficient over a multi-year period, which is not currently definable.

The JP envisions the IOU managing the energy contracts and committing and dispatching the energy against forecast market prices in merit order according to least-cost dispatch principles and Commission and CAISO requirements. Any energy not scheduled or experiencing an outage would be submitted to the CAISO consistent with the must-offer obligation of resource adequacy resources. Then the net cost of this new generation capacity would be determined by adding the fixed cost and variable costs [linked to daily gas index] of the capacity and energy, then subtracting the energy and ancillary services revenues. Then the net costs of just resource adequacy capacity would be allocated to all customers. The costs would be allocated on a 12-month coincident peak among each rate group apportioned to all retail customers on a non-bypassable wire charge (NBC) per kilowatt hour (kWh).

The JP anticipates that certain ratemaking issues would need to be clarified in subsequent proceedings. For example, the IOUs would need to be authorized in future Energy Resource Recovery Account (ERRA) proceedings to establish a net cost balancing account. In the case of utility-owned generation, there would have to be separate entries into the Utility Generation Balancing Account (UGBA).

¹² SCE indicated that it is only interested in applying this mechanism to PPAs, and to limit the mechanism to a 10-year period. PG&E wants the mechanism to apply to utility-owned generation and PPAs, for the life of the contract and/or asset.

In separate comments supporting the JP, SCE provided schedules for a “Fast Track” and a “Standard Track” that it would use to issue long-term RFOs.¹³ Under the fast-track, SCE would submit an application by February 2007 for new resources that might come online by 2010. Under the standard track, SCE would submit an application by January 2008 for new resources that might come online by 2012. The purpose of the two-track system is to allow some resources that may already have permits and transmission interconnection studies complete to come online sooner, while also allowing for a wider range of opportunities to bid into the standard track solicitation.

In separate comments supporting the JP, as well as in A.06-04-012, PG&E stated its interest in having the cost-allocation mechanism apply retroactively to all of the new contracts recently selected in its long-term RFO.

B. Other Proposals

In addition to the Joint Parties, 15 other parties submitted pre-workshop proposals.¹⁴ Numerous proposals promoted the concept of “stay the course.” Several of the key points raised in the pre-workshop proposals were also raised in post-workshop comments which are set forth in Appendix C. Some key issues from the pre-workshop proposals include:

- Constellation urged the Commission to recognize that the hybrid market structure is part of the problem because it creates an uneven playing field between utilities with

¹³ SCE Proposal, March 7, 2006, p. 14.

¹⁴ Constellation, DRA; WPTF; AReM; IEP; Calpine Corporation (Calpine); Mirant; Sempra ; SDG&E; Aglet; California Cogeneration Council (CCC); Davis Hydro; TAS; WEM; and CARE.

guaranteed returns and investors without guaranteed returns.

- DRA urged the Commission to recognize that the uncertainty of customer base is driving the need for cost allocation policies.
- WPTF warned that there are no quick fixes, and it does not see a real urgency for immediate Commission action.
- AReM cautioned that the Commission should continue to support existing RA and LTPP policies. AReM also noted that ESPs cannot be expected to make long-term investments due to uncertainty about the continuation and expansion of DA.
- IEP argued that the Commission is asking the wrong question. According to IEP, cost allocation proposals are not the solution to the problem of lack of investment in new generation. Rather, it is the lack of regulatory stability and rules. IEP urged that the Commission should require all-source solicitations (that do not exclude existing resources) and improve the RFO and evaluation process to ensure fair and equal treatment.¹⁵
- WPTF, IEP, Sempra Global, Mirant, and SDG&E are among those that argued that the Commission should move on immediately to implementing a capacity market in R.05-12-013.
- SDG&E argued that new policies are not required, since SDG&E was able to build new generation.

¹⁵ The Commission is planning on addressing RFO procedures in Phase II of this proceeding.

- Aglet suggested the Commission order the utilities to build new generation.
- CCC urged the Commission to adopt a Combined Heat and Power portfolio standard.
- Davis Hydro suggested the Commission should adopt proposals to enable pent-up demand for green power.
- TAS urged Commission to approve contract plant expansion using Turbine Inlet Cooling technology to expand capacity.
- WEM suggested the Commission prioritize new energy efficiency programs before adopting policies that support fossil resources.
- CARE supports a return to the IOUs making investments in new generation, along with entering into long-term contracts, but asks the Commission to ensure that the cost burdens for the new generation do not fall unfairly on the bundled ratepayers.

C. The Indicated Parties' Proposal

At the workshop on March 14, 2006, another proposal was introduced as the “Investco plan.” The Investco plan responded to and modified the JP so that the entity that would procure the new generation would still be an IOU, but that the capacity and energy would be separated into two contracts. The Investco entity would assume the energy risk along with the tolling rights for a 10-year term. The IOU would hold an RFO and select a contract for a PPA tolling agreement. The entire contract would be unbundled to split it into these two components – the 10-year resource adequacy counting rights held by the IOU and a 10-year energy tolling contract held by the Investco entity.

The Investco plan was further modified by the Indicated Parties (IP)¹⁶ and renamed the Distco plan in post-workshop comments.

The Distco plan's recommendation, as presented by the Indicated Parties, is predicated on the Indicated Parties belief that if the Commission must do something to get new generation built, the JP as proposed is not satisfactory. The Indicated Parties fault the JP because it only addresses the need for reliability, but fails to ensure that the energy component of the backstop resources is managed in the most efficient manner possible. The Indicated Parties are concerned that the JP forces all energy from the new plants to be valued at the spot market prices over 10 years. To address this deficiency, the Indicated Parties state that the IOUs must unbundle the capacity and the energy from any new generation project, consistent with the Commission's encouragement of resource adequacy unbundled products, as well as attempt to optimize the energy value through an auction process. Pursuing a forward contracting model for the energy revenues will minimize customer exposure to spot market prices.

Among other modifications to the Investco model, the Distco plan provided for an annual or multi-year auction for the tolling rights to the energy rights of the plant for a term of up to five years (instead of selling it all at once for the full 10 years), and it allowed utilities to participate in the auction. These modifications addressed the concerns raised at the workshop that no entity

¹⁶ The Indicated Parties included CLECA, CMTA, CCSF, Coral, DRA, Energy Users Forum, J. Aron, SVLG and Strategic.

might be interested in buying a 10-year tolling contract for the energy, as proposed by the Investco model.

Specifically, under the Distco plan, PPAs would be eligible resources that could bid into a utility solicitation process for new resources. Once chosen, the net RA capacity costs (total project costs minus the energy revenue benefits) from the project would be socialized to all utility customers through a non-bypassable wires charge just like the JP. Under the Distco plan, however, the IOU would not manage the energy dispatch process and only credit all customers with spot market revenues. Instead, the IOU would conduct an annual or multi-year auction that would allow market participants to bid on the energy component of the contract.¹⁷ Utilities' procurement departments would be allowed to participate in the auctions on behalf of bundled customers. If no bids were received, or if no bids were received that exceeded a minimum threshold, the default would be for the IOU to manage the energy dispatch and revenues in accordance with the terms of the JP. If an acceptable bid was received for the energy for a term of one or more years, then the net cost of the RA capacity (which is spread to all customers) would be fixed for the term of the energy contract.

The Indicated Parties believe a principle benefit of their Distco plan is the fact that the IOUs are not "managing the energy" and potentially using the large volumes of energy to flood the energy markets. The costs of the new

¹⁷ The winning bid would receive an Energy Conversion Agreement at a fixed price of \$/kW month and have the right to toll the unit as desired. The Resource Adequacy "counting" right would be retained by the IOU, to be credited as "RA capacity" to all customers that pay for the capacity.

capacity are spread to all customers, and the benefits of the energy are paid for by those who value the energy the most, which in turn minimizes the net cost of the capacity that is born by all customers.

D. Post-Workshop Comments

In general, the comments can be categorized into three groups: those urging the Commission to act now to effectuate new generation for California; those advocating that the Commission “stay the course”; and those recommending that the Commission do nothing now, but making suggestions in case we do. Post-workshop comments are summarized in Appendix C.

IV. Adoption of Modified Proposal

A. Discussion

We have carefully weighed the cogent arguments presented at the workshop and in the comments that urge the Commission to promote regulatory certainty in California by enforcing the policies already in place, i.e., the resource obligations and planning directives established in our earlier decisions. In particular, we have established RAR for all LSEs¹⁸ and we authorized the IOUs to procure consistent with their LTPPs and we authorized cost recovery accordingly for 2005 through 2014.¹⁹ In addition, to address concerns for burdens on bundled customers from migrating customers, we allowed the IOUs to recover stranded costs from all customers for a 10-year period. When D.04-12-048, the RAR decisions and AB 57 are read in concert, the IOUs have no barriers to either building new generation or entering into long-term contracts

¹⁸ See D.04-10-035, D.05-10-042 *et seq.*

¹⁹ D.04-12-048.

for new generation. Yet, despite all the steps the Legislature and this Commission have taken to see that the state has adequate electric resources, it is clear that there is a need for new generation as early as 2009.

We are however concerned that if we jump too quickly into taking steps that appear to be protecting IOUs from any risk in investment in new generation, it could be interpreted as signaling an end to a hybrid electricity market in California. SVLG warns us of policy changes towards reintegration. In that climate, there is little potential for any non-utility to invest in new generation resources for California. We recognize that granting the IOUs too much price guarantee and risk protection, may undermine the development of a more competitive market.

IEP and WPTF caution us that there are no quick fixes, and they would prefer that we address problems with the IOUs' RFOs that exclude existing generation from bidding instead of adopting a new proposal. SDG&E also does not think we need any new policies since they were able to get new generation built. However, we note that SDG&E's new resources are partially supported through reliability-must-run (RMR) contracts, which is slightly different, yet analogous to the JP on cost shifting principles. This Commission has stated its preference to moving away from RMR, rather than perpetuating it.

Aglet and other parties suggest that the Commission just order the utilities to build new generation. While it is well within the Commission's legal authority to order the utilities to build without cost-allocation treatment, we do not expect that strategy will likely yield new generation by 2009.

CMTA/CLECA argue that we should investigate whether the IOUs have "complied" with our orders in D.04-12-048. But as TURN noted, it is more important that the Commission figure out how to ensure new generation needed

for system reliability gets built when it is not in the interest of any LSE or its customers to take on such an obligation.

While we find these arguments well thoughtout and presented, we are still faced with a real scarcity issue. We must therefore make a careful analysis of what is at risk: if we do nothing, we could be putting the State in jeopardy of being short the generation facilities needed to assure adequate capacity and energy as early as 2009, or we could take the initiative now to promote new “steel in the ground” and take the chance that some will question our commitment to competition and customer choice. Allowing the fear of risks to create a stalemate, however, does not ensure that new generation will be built in the necessary timeframes needed by California.

Therefore, to assure grid reliability for the state as a whole, we adopt a plan to remove many of the remaining risks or barriers, perceived or real, to investment in new generation. We do not do this enthusiastically, but from necessity. Our ultimate goal is a robust and competitive wholesale market and a competitive retail market. Until that is a reality, we adopt an interim plan to encourage new generation. We intend this to be a short-term solution, that will transition into whatever market mechanism is adopted in the future.

B. The Adopted Proposal

The interim proposal we adopt below contains the skeleton of the JP, as modified. We revised the JP to avoid some of the problems cautioned by those advocating the “stay-the-course” position.²⁰ We accepted some of the revisions

²⁰ In particular, we found the suggestions made by CLECA, CMTA, CCSF, Coral Power, DRA, EUF, J. Aron, SVLG and Strategic Energy, along with Sempra to be

Footnote continued on next page

offered by the Indicated Parties, and then added further adjustments as suggested by the parties at the workshop and in their comments.

- We adopt the provisions of the JP that the Commission designates an entity to procure new generation within an IOU's distribution service territory, with the costs and benefits associated with development of these new resources allocated to benefiting customers.²¹ We designate the IOU as the entity to procure new generation, until modified by Commission decision. Benefiting customers receive resource adequacy credits and pay only for the net cost of capacity, determined as a net of the total cost of the contract minus the energy revenues associated with dispatch of the contract.

persuasive and adopted many of the modifications to the JP advanced in their comments.

²¹ Benefiting customers are defined as all bundled service customers, direct access, community choice aggregators, and IOU customers who are located or locate within a utility distribution service territory, but take service from a local POU subsequent to the date the new generation goes into service. All benefiting customers receive resource adequacy counting credits.

- We limit the maximum term of any cost paid by all customers to the term of the contract, or 10 years, whichever is less, from the time that the new unit comes online.
- We intend this mechanism to be strictly transitional. It should stay in place only until new market-based institutions are decided upon, developed and functioning. Cost recovery for any assets that are developed under these interim arrangement will subsequently be handled under the new market-based system.
- We determine that the administrative cost of selecting the contract (i.e., the procurement administrative costs for contract negotiation and selection) will be born by only the bundled customers, because there is no way to easily separate out these costs. Furthermore, these costs are intermingled with the rest of the IOU's procurement activities. While these costs may be a slight burden on the bundled ratepayer – relative to the cost of the contract and the magnitude of the analysis required to unbundled the cost of contract selection from the cost of the contract – we find that it is reasonable to make this determination.
- As previously determined in D.04-12-048, all currently bundled customers are responsible for any long-term commitments entered into by the IOUs for 10 years, unless otherwise modified by the Commission. Nothing we adopt herein relieves or adds to that responsibility. Numerous parties representing potential IOU departing load weighed in to this proceeding to argue that their customers should not be responsible for new resource commitments. In D.04-12-048, we already determined that future departing load is responsible for the resource

commitments entered into by the IOUs on their behalf whilst they are still bundled customers.²² This issue may be revisited when new market mechanisms are under consideration.

- The IOUs are required to administer a competitive solicitation and select new resources for long-term contracts. We encourage the IOUs to utilize a third-party independent evaluator (IE) to administer the auction. We continue the requirement that the IOUs must bring any contract to the Commission for approval via an Application if the contract is greater than five years, and be subject to other procedural rules such as oversight by the procurement review group and the Independent Evaluator (IE). We do not expect that any contract for new resources would be for less than five years; however, we will only allow contracts brought to the Commission for approval via an Application to be considered for the cost allocation mechanism adopted here.
- Each IOU may fill its new generation need by way of a competitive RFO, which is open to any fuel type or technology from both green sites and repowered brown sites. In D.04-01-050, we strongly encouraged repowering if possible, and we continue to believe that repowered projects are beneficial. We do not explicitly require IOUs to give preference to repowerings, but we expect that IOU RFO evaluation procedures will value the economic benefits of repowering. The IOUs should be flexible with the on-line dates so that potential viable resources, especially repowered sites, are not excluded if there is a short gap in which an existing power plant

²² See D.04-12-048, Conclusions of Law 13-16.

continues to produce power, before the new plant gets built and comes on-line.²³

- IOUs are encouraged to hold all-source solicitations to select long-term contracts but only new capacity is eligible for the cost-allocating mechanism. Renewable energy projects selected from a competitive long-term RFO designed to add new capacity to the whole system, will be eligible for the cost allocation mechanism, but RPS credit will also be shared with all customers. In reality, we expect that most renewable projects will continue to prefer the RPS solicitation process so long as that process is available in the near term. If the utility selects an existing facility or demand response resource to fill some of its long-term need, the contract will not be eligible for the cost-allocation mechanism.
- If the utility signs a “hybrid” contract which includes some years of service from an existing unit, and some years of service for a new unit on the same or on a near site—the cost allocation method adopted herein only applies to the part of the contract with the new facility. Any part of the contract that uses the existing facility must be paid fully by bundled ratepayers.
- We do not prohibit the utilities from owning their own generation, nor building their own power plants. However, we concur with Mirant, Sempra, AReM and

²³ Numerous parties have complained to the Commission that the IOUs are designing their RFOs to specifically exclude certain bidders, in particular existing resources. It is our intention to address RFO procedures in Phase II of this proceeding, but in the interim, our guidelines from D.04-12-048, Section VIII(D) are to be followed. We specifically stated “all resources (IOU-built, Turnkey, Buyout and PPA) must participate in an all-source or RPS solicitation. However, the IOUs have the flexibility to tailor their RFOs to reflect their specific resource needs.” (Page 128.)

other parties that recommended we not allow utility-owned generation to qualify for this cost-benefit allocation mechanism. We do not allow resources chosen by the IOU that are utility built or utility owned²⁴ to be eligible for cost recovery through a non-bypassable wires charge. As many parties noted, there are numerous long-term energy benefits to utility owned generation, and it is difficult to isolate just the first few years worth of capacity value of a 30-year or longer utility owned asset. We recognize that this determination affects PG&E the most because (1) SCE has already stated that it will only consider PPAs in its future LT RFOs and (2) PG&E has already selected two projects that will be utility owned projects.²⁵

- Each IOU may fill its new generation need with resources that are within or outside of the CAISO's identified local reliability areas. However, given that all LSEs are expected to have local RAR as a result of the decisions in Phase 1 of R.05-12-013, we encourage the IOUs to give strong consideration, if not outright preference, to resources that reduce the local RAR for all LSEs. If a new unit subject to the cost allocation mechanism falls within a local area, the local RA counting benefit will also go to all LSEs that are paying for the resource.
- On the subject of contract confidentiality and disclosure, we defer to the outcome of the Confidentiality

²⁴ The utility may participate in the all-source RFO, and may be a winning bidder. The restriction is only on having the costs of a utility built or owned resource recovered from customers not receiving bundled service.

²⁵ In A.06-04-012, PG&E requests Commission approval for the following two contracts: a Purchase and Sale Agreement (PSA) with E&L Westcoast Colusa, and an Engineering Procurement and Construction (EPC) contract with Wartsila Humboldt.

proceeding, R.05-06-040. Numerous parties requested that we find that all contracts subject to this cost allocation mechanism be deemed public. We do not make that determination here because the Confidentiality proceeding is already considering closely related matters.

- We find that IOU conduct in RFOs (i.e., RFO processes) are not the subject of this decision. However, we reiterate our commitment to review RFO processes in Phase II of this rulemaking.
- We find that the energy and capacity from any new resources should be unbundled, with the costs and benefits of the RA capacity component socialized to all customers connected to the utility's distribution system, and the costs and benefits of the energy component assigned to those that value the energy the most, as demonstrated through an auction or similar mechanism.
- The IOU should charge the benefiting customers the net cost of capacity, determined as a net of the total cost of the contract minus the energy revenues associated with dispatch of the total contract. All RA counting benefits and net costs are spread to all benefiting customers based on share of 12-month coincident peak, adjusted on a monthly basis to facilitate load migration. The contract costs paid and RA benefits received by DA (or CCA and departed muni load) and bundled customers should be based on a share basis equal to the credit share received.
- We agree that the energy component of the contracts for new resources can be managed by an IOU. However, as recommended by the Indicated Parties, we chose to separate the energy component so the risks can be assumed by individual market participants. We find that each IOU must demonstrate in its LTPP filing (or a separate proceeding if notified by the Assigned Commissioner of this proceeding) a proposal for how it

will plan to conduct periodic auctions for the energy rights to all resources acquired under this interim proposal. These auctions will provide the right for another entity to manage the energy component of the contracts. Essentially the IOU will sell the tolling right, and retain the RA benefit which it will share with all customers paying for the capacity. The IOUs should consider hiring a third party to administer the auction. The auction will be overseen by the IOU, the procurement review group and, if there is one, the third-party evaluator. The cost of administering the auction shall be considered part of the IOU's procurement expenses unless the IOU contracts with a third party, in which case, the cost of the auction shall be considered part of the cost of the contract. The IOU's own procurement group will be allowed to bid on the auction for the energy. The purpose of the auction will be to maximize the energy value and minimize the residual cost of the RA capacity. The auctions should be periodic so as to capture the fluctuations in the energy market. If there are no bids accepted for the tolling right to the contract, then the IOU will manage the energy dispatch in accordance with the original terms of the JP, i.e., it will be valued at spot market prices.

- The IOU must submit a proposal for how the RA credit and costs will be calculated and allocated. The IOU proposal will include how it will notify all LSEs, the Commission's Energy Division (ED), the CEC of the amount of RA capacity that is expected to be available. As part of the normal notification of RAR, the ED and CEC could provide each LSE with a credit that it can use towards either its system RAR compliance showing, and if applicable its local RA showing. The proposal will include details on what will occur if the IOU determines that it no longer wants to auction the rights to the energy to the highest bidder, at which point the IOU can retain the full cost and benefits of the contract in its bundled

customer portfolio for the remaining portion of the 10-year contract. Determination to do so must be made prior to the ED's notification to LSE's of the expected RAR. The IOU proposal must include how it will notify all LSEs, as well as the ED and the CEC as to its intention at least 30 days prior to the expected release of the distribution of each LSE's RAR.

- The ratemaking mechanisms to implement this cost proposal will be addressed in Phase II of this proceeding as well as in proceedings for each IOU's general rate cases and other relevant proceedings.
- If an IOU identifies and selects a new power plant project outside of a competitive solicitation, i.e. through a "unique fleeting opportunity" ("UFO") such as Mountainview or Contra Costa 8, that "UFO" is ineligible to be considered for this cost-allocation treatment. Such opportunities must be weighed on their merits for currently bundled customers only.

C. Other Issues

1. Other Market Participants

We encourage other market participants to develop new generation in California, even without long-term contracts with IOUs. Nothing we do today prohibits IOUs (or ESPs) from contracting with other new resources that come online without the aid of long-term contracts with the IOUs. It is our expectation that as MRTU, and other market mechanisms evolve—investors will find it attractive to invest in California's energy market even without long-term contracts. In fact, we may find that the State has underestimated its forecast for future demand growth in the outer years, and if higher demand growth comes to pass – additional new resources may be needed by all LSEs even to satisfy their RAR. Additionally, we know that we are unable to predict retirements of aging

power plants, which may also change the supply/demand outlook. While many have stated that new power plants require long-term contracts – we remain open to the possibility (and indeed hopeful) that eventually some power plants may be built without long-term contracts from IOUs. For example, WPTF cited a new power plant that is being developed by GE and Calpine in Romoland, CA. Although this power plant is not yet included in the CEC’s supply forecast due to the early stage of its construction, we find this news encouraging in that it portends the development of non-IOU sponsored new power plant investment. We will revisit the IOU’s LTPPs in Phase II and biennially thereafter, and if we find that additional power plants are coming on-line (or retirements are not imminent), we will readjust our directives to the IOUs

2. Public Good

We reject the Joint Parties characterization that the new resources constitute a “public good.” To do so raises many legal and political issues that may actually prove to be impediments to our going forward with our decision. We are confident that the proposal as set forth below is based on sound legislative and Commission authority and precedent and does not need the designation as a public good in order to support the cost allocation methodology we adopt.

3. Future Extension of Mechanism

We find that important goals for Phase II of this Rulemaking will be both to examine bundled customer need, as a repeat to the 2004 LTPP, and also to look carefully at the bundled customer need in the context of regional system need. We will review the need for new system resources in each IOU’s territory and we may find that it is prudent for the IOUs to add additional resources to

benefit the entire system. If so, we may authorize a continuation of the transitional mechanism to cover the next round of contracts.

4. Opt-Out Mechanism

We find that the concept of an opt-out mechanism to this cost and resource adequacy benefit allocation methodology is appealing, but we are unable to adopt such a plan today. While we would like to agree with WPTF, Sempra and others and say that “any LSE that can demonstrate that it is fully resourced with new generation for the 10-year time frame may opt-out of the cost allocation mechanism,” the reality is that we have no viable enforcement program or mechanism for doing so. We do not currently have a multi-year RA program wherein an LSE could demonstrate it is fully resourced for the next four or 10 years. A forward looking RA showing that allowed LSEs to list “new” resources for three to four years out might be based on “expected” online dates, and would not be enforceable. Another version of an opt-out mechanism proposed by Sempra would be an extension of the RAR that would require all LSEs to demonstrate that a portion of their resource portfolio was sourced by new resources. We will defer an opt-out mechanism to Phase 2 of R.05-12-013, where we will consider it concurrently with capacity markets and multi-year resources adequacy.

5. Need Determination

We reaffirm the already established immediate and urgent need for new resources. This is not, however, an exact science and we heed the cautions proffered by so many parties that if we are going to take this bold interim step, that we not use over-inflated estimates of need, but use conservative estimates until a record supports a larger increase. We will proceed using the need numbers from our last LTPP decision, D.04-12-048, and the numbers are further

supported by the CEC's 2005 IEPR. PG&E's need is 2,200 MWs, SCE's need is 1,500 MWs. At the time of the LTPP filings in 2004, SDG&E had no need for more long-term resources within the referenced time frame. When PG&E, SCE and SDG&E file their 2006 LTPPs, they will have the opportunity to propose, and support, new need assessment numbers.

The CEC and the CAISO both participated in a discussion of the need determination issues at the workshop on March 14, 2006. Both the CEC and CAISO concur that there is an urgent need for new resources in South of Path 15 (SP-15). The need for new resources in North of Path 15 (NP-15) is driven by both load growth, as well as expected retirements.

In D.04-12-048, we determined that SCE²⁶ and PG&E²⁷ should continue to fill their net short with short, medium, and long-term contracts. In

²⁶ D.04-12-048, OP 5 states, "We find that SCE's LTPP resource plan is reasonable, subject to the compliance requirements covering its demand forecast, demand response, energy efficiency and other factors set forth in this decision and other Commission decisions in those designated proceedings. SCE has demonstrated that its primary residual resource need through 2011 is for peaking, dispatchable and shaping resources. SCE has considerable need for peaking and shaping resources, which should be obtained through short, medium- and long-term acquisitions. SCE's strategy of relying primarily on short- and mid-term contracts during this planning period is reasonable, but it may be prudent to add some long-term resources. SCE is authorized to present such a case to the Commission as an implementation of its LTPP by way of an application following a RFP."

²⁷ D.04-12-048, OP 4 states, "We find that PG&E's LTPP plan is reasonable and we approve PG&E's strategy of adding 1,200 megawatt (MW) of capacity and new peaking generation in 2008 and an additional 1,000 MW of new peaking and dispatchable generation in 2010 through RFOs because it is compatible with PG&E's medium resource needs, does not crowd out policy-preferred resources, and is a reasonable level of commitment given load uncertainty. Those commitments may need to be increased or expedited for PG&E to meet its 2006 resources adequacy obligations. Depending on the nature of the bids obtained, PG&E is authorized to justify to the Commission why

Footnote continued on next page

that decision, we found that it would be prudent for PG&E to add new long-term resources – and we specified that 1,200 MW of new peaking generation, and 1,000 MW of new peaking and dispatchable generation in 2010 was needed. We left open the opportunity to PG&E to justify slightly higher amounts.

We find that it is not necessary to revisit in this decision our previous need determination for PG&E since we already authorized PG&E to justify additional resources, above the 2,200 MW, when it brings in its Application following a RFO.²⁸ Although our determination for 2,200 MW was based on PG&E's bundled customer need, not entire system need, we do not find it necessary to revise the need determination number at this time since we will revisit need determination in Phase II.

In D.04-12-048, we did not specify a precise amount of new resources for SCE, since SCE believed it was “long” on long-term contracts due to the number of Department of Water Resource's (DWR) contracts in its portfolio. However, we left it open to SCE to return to the Commission with an application for new long-term contracts. In SCE's filing in this Rulemaking on March 7, 2006, it indicated a willingness to procure up to 1,500 MW of new long-term contracts on behalf of all benefiting customers. SCE indicated it would launch a two track system for its LT RFO. SCE's first long-term RFO would be on a “fast track” with an expected online date of mid-2009, and SCE's second

higher levels might be desirable. Nothing in this decision precludes PG&E from offering local reliability contracts, should they become necessary, pursuant to D.04-10-035.”

²⁸ PG&E filed A.06-04-012 in April 2006. Included in that application was a request for approval of 2,250 MW of new resources.

long-term RFO would be on a “standard track,” with expected online dates of 2012-2013.

Based on the analysis of future system need presented by CEC at the March 14, 2006 workshop, we find that 1,500 MW is likely to be a conservative estimate of SCE’s future system need for new resources. We will address in Phase II whether SCE has need beyond 1,500 MW. In terms of timing, we expect a decision in Phase 2 of R.06-02-013 prior to the final contract selection in SCE’s “Fast Track” RFO. Therefore, we find here that it would be acceptable for SCE to procure up to 1,500 MW in its “Fast Track” RFO, depending on the robustness of offers received.

For both SCE and PG&E, we urge the utilities to consider to be mindful of the need for resources that address the need for local reliability, as discussed in Phase 1 of R.05-12-013. In that docket, we are in the process of implementing local RAR. To the extent that the IOUs are going to procure new resources on behalf of all customers, we expect that they will give high priority (if not outright preference) to resources that meet local RA obligations. The IOUs should justify why any new contract procured on behalf of the entire system does not address local RA requirements.

6. Legal Authority

In conjunction with their JP, the Joint Parties provided legal support for their cost allocation scheme citing AB 380, codified as Section 380 in the Pub. Util. Code, for the Commission’s authority to approve the plan. The applicable section of the code is as follows:

An electrical corporation’s costs of meeting resource adequacy requirements, including, but not limited to, the costs associated with system reliability and local area reliability, that are determined to be reasonable by the

commission, or are otherwise recoverable under a procurement plan approved by the commission pursuant to Section 454.5, shall be fully recoverable from those customers on whose behalf the costs are incurred, as determined by the commission, at the time the commitment to incur the cost is made or thereafter on a fully non-bypassable basis, as determined by the commission.²⁹

In summary, Section 380 allows an IOU to recover the costs it incurs to sustain “system reliability and local area reliability” from all customers “on whose behalf the costs are incurred.”

Joint Parties posit that the Legislature’s intent is clear from the statutory language that they did not want to limit recovery for system and local area reliability to just an IOU’s bundled customers, but authorized recovery from a larger group of customers. Therefore, Joint Parties argue that the JP is consistent with the Legislative intent of AB 380 since it provides for an equitable cost allocation for the new capacity needed for system reliability from all benefiting customers.

We agree with the Joint Parties that Section 380 clearly authorizes the Commission to adopt a cost allocation methodology that spreads the cost of new generation. In addition, we read Section 380 as mandating that as part of the Commission’s obligation to establish RAR that we must support “new” generating capacity and equitably allocate the costs. The pertinent portion of Section 380 that addresses RA is as follows:

²⁹ Cal. Pub. Util. Code § 380(g).

(b) In establishing resource adequacy requirements, the commission shall achieve all of the following objectives:

- (1) Facilitate development of new generating capacity and retention of existing generating capacity that is economic and needed.
- (2) Equitably allocate the cost of generating capacity and prevent shifting of costs between customer classes.

While we have adopted RAR for all LSEs, we have not specified that any portion of the capacity must be “new.” Sempra, in its comments, points this out, and this may be an area that we address in the future. In the interim, the cost allocation methodology we are adopting in this decision is intended to support new generating capacity.

To further bolster their claim that the cost allocation proposal in the JP is consistent with law and Commission precedent, the Joint Parties reiterate the Commission’s mandate that rates it imposes must be “just and reasonable” and cannot be unfair or discriminatory. The Joint Parties cite to a number of cases where the Commission imposed recovery surcharges upon Benefiting Customers when costs are incurred by the IOU for the benefit of all customers, not just for its bundled-service customers.³⁰

³⁰ Joint Parties Proposal, March 7, 2006, p. 13, citing D.02-11-022(addressing charges for direct access customers); R.03-09-007 (addressing charges for CCA); D.03-04-030 (addressing charges for distributed generation departing load); D.03-07-028 (addressing charges for municipal departing load) and D.05-12-041 (addressing charges for CCA).

More recently, in D.04-12-048, the Commission found that it was appropriate and reasonable for the IOUs to recover the net costs of long-term commitments from all customers, including departing customers.³¹ As a corollary to that finding, the Commission allowed the IOUs to recover costs related to enhancing reliability from all customers in their respective service areas who benefit from the reliability, not just from those taking bundled service.³²

Joint Parties also point to the “physical interconnectedness of California’s electricity system.”³³ From their perspective, it is not the sufficiency of the largest entity’s resources that ensures reliability, as much as it is the sufficiency of all entities’ resources. Since a fully resourced LSE can be subjected to an outage because of an under-resourced LSE, all LSEs benefit, and all LSE’s customers benefit from new generation that contributes to system reliability.

We agree with the Joint Parties that Section 380 supports the adoption of the cost allocation formula set forth herein, and in addition, we read Section 380 as mandating that we take proactive steps to facilitate new generating capacity and the cost sharing mechanism we prescribe is the appropriate way to equitably allocate the cost and keep rates just and reasonable.

7. Affiliate Transactions

Sempra and other parties requested that the Commission limit the applicability of this cost allocation mechanism to non-affiliate transactions. It

³¹ D.04-12-048, pp. 58 -60.

³² *Id.*, at 63.

³³ Joint Parties’ Comments, April 19, 2006, p. 3.

was only in D.04-12-048 that the Commission lifted the ban on affiliate transactions. Although we are sympathetic to the concerns of parties that fear the IOUs will just use this cost-allocation mechanism to support affiliate projects, we are committed to being vigilant against affiliate abuse issues. We established an IE process in D.04-12-048 for the RFO process to protect against affiliate preference, and we do not yet have evidence in the record that would cause us to not trust the IE process. Therefore, we do not find it reasonable to reverse course and limit this cost mechanism to non-affiliate transactions. We caution the IOUs to make sure their contract evaluation and selection procedures are above approach and we urge the IOUs to provide information about their bid selection process to as broad an audience as possible.

8. Market-Based Approaches

We are mindful of the optimism shared by several parties that a functioning, centralized capacity market will create the proper market signals to promote investment in new generation in California. While we adopt the cost-allocation methodology set forth herein, we are hopeful that a market-based approach, such as a functioning, centralized capacity market, or satisfactory alternative, is in place before the new generation discussed here comes on line and is subject to this proposal. However, out of a need to ensure that new generation does get built, we adopt a cost-allocation methodology that is designed to provide an incentive for investment now.

We are forging ahead towards a market-based approach. However, a functioning new market, whether it is a capacity market or another market institution, takes time to design and implement as evidenced by models from other states and regional systems. Once implemented, a new market may take time to yield its desired policy results. For example, it is not yet clear that

capacity market models in place in the eastern markets have yielded new generation investments. Therefore, we find that until there is a functioning market based institution in California, we must put in place a transitional mechanism in order to ensure sufficient new generation for California.

Many parties indicated in their comments that they favored some form of a capacity market, not just to stimulate new generation, but also to insure that the energy costs are paid by those who need and value the energy. We note that under some capacity market design proposals, the cost of new generation is borne by all customers if there is a determination that there is a forecasted capacity shortfall in the system.³⁴

The Commission signaled its interest in researching and examining capacity markets when it issued a staff white paper on capacity markets in August 2005 and invited comments on the paper.³⁵ Those comments indicated a wide range of views on how to move forward with the design and implementation of capacity markets. In December 2005, the Commission opened R.05-12-013 to consider both local RAR, Phase I, and capacity markets-along with multi-year RA and other issues-in Phase II. Therefore, the issue in this Rulemaking is limited to what the Commission should do in the intervening time to support new generation investments in California.

³⁴ Under some capacity market design proposals, the CAISO would be responsible for contracting for new generation resources and spreading the costs to all customers, if it was determined that there was a forecast capacity shortage in the four-year ahead time frame.

³⁵ The Capacity Markets White Paper was issued in R.04-04-003.

9. Non-Utility ESP

Although the future state of the retail market is not within the scope of this proceeding, it is worth mentioning here that this cost-sharing plan should make the IOUs indifferent to the reopening of DA once the legacy of the DWR contracts expire. If DA customers are participating in the cost allocation plan, then there will not be a cost differentiation for the new generation between the price the IOUs charge their bundled customers and the price DA can offer. If the IOUs have to pass on the entire cost of the new generation to just their bundled customers, with no wider cost allocation scheme, then the cost of energy from an IOU will necessarily be more expensive than that from a competing DA provider. Because the non-utility LSEs do not have RAR requirements that necessitate them entering into long-term contracts, the non-utility LSEs will never have to pay the price of a contract for new generation. This will create an unacceptable inequitable balance between IOU bundled ratepayers and other ratepayers. However, under our new cost-allocation proposal, there will be no “free riders” vis-à-vis the new generation, and the IOU’s bundled customers will not be solely responsible for the costs of new generation that benefits the system as a whole.

10. PG&E’s Situation

PG&E is in a unique position. The Commission just approved³⁶ a settlement agreement for the procurement of the CC8 facility that will be a PG&E owned resource with a capacity of 530 MW. In addition, PG&E completed a long-term RFO pursuant to the need identified in the 2004 LTPP, and has contracts for an additional 2,250 MWs. Sempra and other parties argue that we

³⁶ D.06-06-035.

should not allow this cost-allocation mechanism to apply “retroactively” to the PG&E long-term RFO. We disagree with Sempra, and we will allow PG&E to designate up to 2,250 MW of new generation that is not utility-owned from the recent LTPP RFO to be eligible for the cost-allocation methodology established in this decision. CC8 is not eligible for the cost allocation mechanism since it is a utility-owned resource. If the PG&E Application goes forward as is, PG&E has signed a Purchase and Sale Agreement (PSA) with E&L Westcoast Colusa, and an Engineering Procurement and Construction (EPC) contract with Wartsila Humboldt. Both projects will result in utility owned power plants that are not eligible for this cost allocation. All three projects will count towards PG&E’s needed MW.

11. SCE’s Situation

SCE indicates that under the fast-track RFO, new resources would be brought to the Commission via an Application by February 2007 might come online by 2010. We order SCE to bring us an Application no later than February 2007 for new resources, or the Commission will exercise its oversight authority to determine why SCE is delinquent in its compliance with today’s Commission order.

12. POU Concerns

POU parties outside of the CAISO control area not subject to the cost allocation mechanism established herein. We continue to require that the IOU plan for all potential departing loads, regardless of where it may be departing to, or when it may be departing.

13. Cogeneration Concerns

The CAC/EPUC requested that we allow cogeneration to bid. We require that all new generation RFOs subject to this cost-allocation mechanism be

open to any fuel and any technology. CAC/EPUC also request that cogeneration as departing load be exempt from this charge. We do not adopt this proposal at this time.

14. Concerns about RFOs

IEP and others requested that we examine RFO processes in this proceeding. We defer the review of IOUs RFO processes to Phase II of R.06-02-013.

15. Hearings

The OIR issued February 16, 2006, preliminarily determined that the proceeding was ratesetting, and that the issues may be able to be resolved through a combination of workshops and formal comments (as well as evidentiary hearings).³⁷ The schedule that was included in the OIR established dates for a prehearing conference, the filing of proposals on policies to support new generation, a workshop to discuss the proposals, post-workshop briefs, and a draft decision. No evidentiary hearings were forecast at that time. It was anticipated that the draft decision would reflect the record developed and informed by the proposals, the transcript from the workshop and the post-workshop comments and reply comments.

On March 29, 2006, the assigned Administrative Law Judge (ALJ) issued a ruling amending the comment schedule and setting an outline for the comments. Section VII of the outline asked parties to comment on whether there are “any issues of material fact that would benefit from evidentiary hearings, if

³⁷ OIR, February 16, 2006, p. 15.

so, please identify the issues and discuss hearing time needed for development of [the] record.”³⁸

Of the numerous parties submitting comments, only a few addressed Section VII with any substance. Many of the parties requesting hearings stated that evidentiary hearings are necessary on the issue of “need.” We agree that if we were making a new finding of “need” in this decision, the record would have benefited from a robust examination of each IOUs’ need numbers. However, we are not adopting new need numbers in this decision, but are relying on the numbers from the 2004 LTPP and the CEC’s 2005 IEPR, both instances where need was heavily litigated and a record was developed on the subject.

We carefully reviewed the comments requesting hearings on subjects other than need and determined that we are not making any findings in this decision that revolve around any newly identified disputed material facts. Our findings in this decision are based on facts previously litigated and policy determinations. The Commission does not need an evidentiary record to exercise its discretion regarding policy matters.

Thus, additional material facts related to need and other issues that were identified by parties in their comments that would benefit from cross-examination are not being decided in this phase of the Rulemaking. The Scoping Memo that will issue for Phase 2 will indicate if evidentiary hearings will be necessary for the development of a record in that phase of the proceeding.

³⁸ ALJ Ruling, March 29, 2006, p. 2.

V. Motions

Numerous Motions to Intervene were filed in this proceeding and were addressed in an ALJ ruling granting all the motions. Following the ALJ ruling, California Small Business Roundtable and California Small Business Association (CSBRT/CSBA) filed a Motion to Enter an Appearance and File Reply Comments. Motion is granted.

Any other motions filed in this proceeding to date, that have not been the subject of a separate ruling or addressed in this decision are deemed denied.

VI. Comments on Draft Decision

The draft decision of the ALJ in this matter was mailed to the parties in accordance with Pub. Util. Code § 311(g)(1) and Rule 77.7 of the Rules of Practice and Procedure. Comments were filed on _____, and reply comments were filed on _____.

VII. Assignment of Proceeding

Commissioner Michael R. Peevey is the Assigned Commissioner and Carol A. Brown is the Assigned Administrative Law Judge (ALJ) in this proceeding.

Findings of Fact

1. The purpose of this decision is to adopt a policy, on a limited and interim basis, to support new generation and long-term contracts for California which can ensure investment in construction in a timely fashion so new generation can begin to come on-line in 2009.

2. This decision must work in concert to coordinate and incorporate Commission and legislative efforts from other proceedings, and in particular R.05-12-013 that is addressing competitive market mechanisms in Phase II of that proceeding.

3. The State's energy policy uniformly points to the need for the State to invest in new generation in both northern and southern California in order to assure continued reliable service at reasonable cost.

4. We previously found in D.04-12-048 that PG&E had a need for 2,200 MW and SCE had a need for 1,500 MW.

5. We intend to examine in Phase II of this proceeding whether there is any additional system need for new capacity in the service territories of SCE, PG&E and SDG&E.

6. We find that long-term contracts are necessary to solicit investment in new generation in California.

7. We previously implemented RAR for each LSE requiring it to be responsible for acquiring its own reserves to meet its own RA obligation.

8. In D.04-12-048, we approved the IOUs' LTPPs and associated rate-making treatment, and authorized the IOUs to enter into short, medium, and long-term contracts.

9. In D.04-12-048, we allowed the IOUs to recover any stranded costs from all customers for a period of either the life of the contract, or 10 years, whichever is less.

10. Despite our removal of barriers to long-term contracting by approving the IOUs' LTPP and cost recovery, establishing RAR year-ahead obligations and allowing for stranded cost recovery, neither PG&E nor SCE have entered into any long-term contracts or built new generation themselves.

11. PG&E and SCE have indicated that they are reluctant to take procurement steps that would leave the cost-recovery for new generation with their respective bundled customers alone, and they have requested cost-recovery for above-market costs from all customers.

12. Since our decision in D.04-12-048 in December 2004 there has not been sufficient investment in new generation in California from non-utility sources.

13. We find that we need an additional transitional policy to encourage investment in new generation resources now while we continue to pursue competition and customer choice by establishing a functioning market based institution.

14. We find given the urgent need for new capacity and the lengthy lead-times required both for new construction and to develop and implement new market institutions, it is necessary and prudent for us to take proactive steps now to support investment in new generation.

15. The only complete solution for this transitional policy presented to the Commission was the Joint Parties' proposal which proposed making the IOUs the procurement entities for bundled and unbundled customers alike.

16. Many parties critiqued the JP, but only proffered the alternative solution of "staying the course" which translates into continuing with ongoing market reforms and hoping that new capacity will get built.

17. Other parties constructively analyzed the JP, including the Indicated Parties, and offered modifications that limited the procurement role of the IOUs.

18. We find that it is reasonable to adopt a cost allocation mechanism on a limited and transitional basis that will only apply until we decide upon, develop and put in place new market based institutions in Phase II of R.05-12-013.

19. The cost allocation mechanism, that is set forth with particulars herein, will allow the advantages and costs of new generation to be shared by all benefiting customers in an IOU's service territory. We designate the IOUs to procure this new generation and benefiting customers are to receive resource adequacy credits and only pay for the net cost of capacity, determined as a net of

the total cost of the contract minus the energy revenues associated with dispatch of the contract.

20. As set forth with particularity herein, each IOU must conduct a periodic auction for the energy rights to all resources acquired under this interim proposal.

21. This mechanism disaggregates the energy and capacity components of the newly acquired generation, so that the only nonbypassable charge levied on the ESPs is for capacity, and the ESPs retain the ability to manage their energy purchases.

22. We are not adopting this mechanism enthusiastically, but because it is necessary to assure grid reliability for the state as a whole that we remove any risk or barrier, real or perceived, that impedes investment in new generation.

23. Nothing we do in this decision prohibits IOUs or ESPs from contracting with other new resources that come online without the aid of long-term contracts with the IOUs.

24. We do not find that it is necessary or helpful for the cost allocation mechanism we adopt herein to label the new resources as a “public good.”

25. We will review in Phase II of this proceeding the need for new system resources in each IOU’s territory, as well as to examine each IOU’s bundled customer need.

26. We do not adopt an opt-out mechanism to this cost allocation methodology today, but defer further consideration to Phase II of R.05-12-013, so it can be considered in concert with capacity markets and multi-year RAR.

27. We find it is reasonable to use the need determination numbers from our last LTPP decision, D.04-12-048, and those numbers are further supported by the CEC’s 2005 IEPR. Based on those findings, PG&E’s need is 2,200 MW, SCE’s

need is 1,500 MW and SDG&E has no need for additional capacity from the need numbers we are using.

28. New need determination numbers will be established following the development of a record in Phase II of this proceeding.

29. PG&E has already brought the Commission over 2,200 MW of contracts in A.06-04-012, following the completion of its RFO for the need authorized in D.04-12-048. We will allow PG&E to apply the cost allocation methodology to contracts with qualifying new generation that is not utility owned.

30. PG&E can not apply the cost allocation methodology to CC8 or to its contracts with E&L Westcoast Colusa or with Wartsila Humboldt.

31. SCE has indicated a willingness to procure up to 1,500 MW of new long-term contracts and can launch a “fast track” RFO as early as February 2007. While we anticipate a decision in Phase II of this proceeding prior to the final contract selection in SCE’s “fast track” RFO, we find it reasonable for SCE to procure up to 1,500 MW in its February 2007 RFO.

32. We find it reasonable for the IOUs, when they procure resources on behalf of all customers, to give high priority to resources that meet local RA obligations as established in R.05-12-013.

33. We find that AB Section 380, as codified in Pub. Util. Code § 380 clearly authorizes the Commission to adopt the cost allocation methodology set forth herein that supports new generating capacity and equitably allocates the costs.

34. We do not find it necessary or advisable at this time to limit this cost mechanism to non-affiliate transactions, as long as the contract evaluation and selection procedures are above reproach.

35. We find that it is consistent with existing statutes and Commission precedent that POU parties outside of the CAISO control area are not subject to the cost allocation methodology adopted herein.

36. We do not adopt CAC/EPUC's request to exempt cogeneration from departing load charges.

37. We find it is consistent with the OIR issued on February 14, 2006, initiating this proceeding and the ALJ ruling on March 29, 2006, that the record that supports this decision is fully developed without evidentiary hearings. A separate determination will be made in Phase II of this rulemaking whether evidentiary hearings are necessary for the development of the record in that phase.

Conclusions of Law

1. AB 380, as codified in Pub. Util. Code § 380 directs the Commission, in establishing resource adequacy requirements, to facilitate the development of new generating capacity and to equitably allocate the cost of generating capacity. It is consistent with AB 380 for the Commission to adopt the cost allocation methodology set forth herein.

2. AB 380, as codified in Pub. Util. Code § 380 also allows the costs an IOU incurs to sustain system reliability and local area reliability from all customers on whose behalf the costs are incurred. It is consistent with AB 380 for the Commission to adopt the cost allocation methodology set forth herein so that the IOUs' bundled customers are not alone responsible for the cost of new generation to retain system reliability.

3. We previously found in December 2004 in D.04-12-048 that SCE and PG&E had a combined need of 3,700 MW, and the state's energy policies point in the

direction of increased need. However, since December 2004 neither PG&E nor SCE have entered into any long-term contracts.

4. We have found that long-term contracts are necessary to solicit investment in new generation in California, and both the ESPs and the IOUs are unwilling to sign long-term contracts. The ESPs' customers are on short time contracts and the ESPs cannot recruit new customers with the suspension of DA. The IOUs are concerned that without some cost allocation provision to assure that their bundled customers are not left paying for new generation in the face of departing load, that long-term contracts are too risky.

5. It is necessary for the Commission to take some proactive step now in order to assure continued reliable electricity service at a reasonable cost.

6. It is reasonable, and consistent with law, for the Commission to adopt this limited and transitional cost allocation mechanism to support the development of new generation by having the costs and benefits shared by all customers.

7. We designate the IOUs to procure new generation, and as set forth more fully herein, the energy and capacity from the new resources should be unbundled. All benefiting customers shall receive resource adequacy credits and only pay for the net cost of capacity, determined as a net of the total cost of the contract minus the energy revenues associated with dispatch of the contract.

8. Pursuant to the plan adopted herein, each IOU is to conduct a periodic auction for the energy rights to all resources acquired pursuant to this plan.

9. It is reasonable to defer many of the implementation details of this cost allocation mechanism to Phase II of this proceeding along with associated ratemaking issues.

10. It is consistent with our commitment to competition and customer choice to adopt this interim and transitional plan to assure investment in and

construction of new generation capacity while we are deciding, developing and implementing a market based institutional infrastructure.

O R D E R

IT IS ORDERED that:

1. The cost allocation plan set forth with specificity herein is adopted. The investor-owned utilities (IOU) are to procure new generation, and the energy and capacity from the new resources should be unbundled. All benefiting customers shall receive resource adequacy credits and only pay for the net cost of capacity, determined as a net of the total cost of the contract minus the energy revenues associated with dispatch of the contract.
2. Pursuant to the plan adopted herein, each IOU is to conduct a periodic auction for the energy rights to all resources acquired pursuant to this plan.
3. The IOUs are to follow the guidelines set forth herein in order to have the cost allocation plan applicable to their new generation resources.
4. It is reasonable to defer many of the implementation details of this cost allocation mechanism (to Phase II of this proceeding) along with associated ratemaking issues.
5. Pacific Gas and Electric Company is ordered to expeditiously sign the long-term contracts for 2,200 megawatts. Non-utility owned generation will be eligible for this newly adopted cost allocation plan.
6. Southern California Edison Company is to forthwith conduct a “fast track” request for proposal for 1,500 megawatts and bring long-term contracts to the Commission for approval no later than February 2007, or be asked to justify its non-compliance with this order. Non-utility owned generation will be eligible for this newly adopted cost allocation plan.

7. Nothing in this Order is to be read to prevent any Load Serving Entity, including the IOUs, from entering into any long-term contracts, from investing in new generation, or from building new generation that is not eligible for the cost allocation treatment established herein.

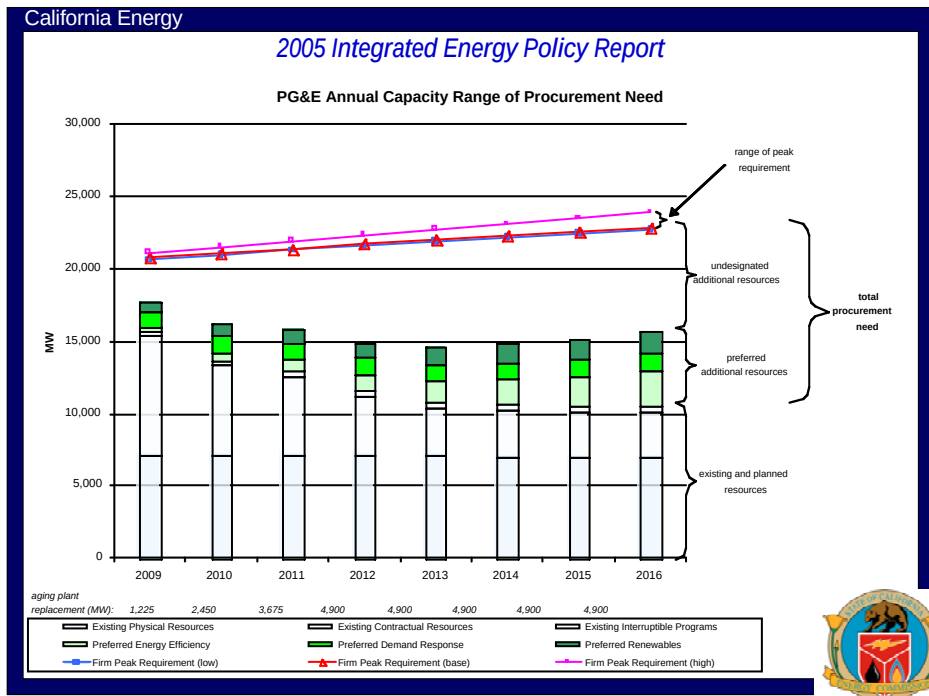
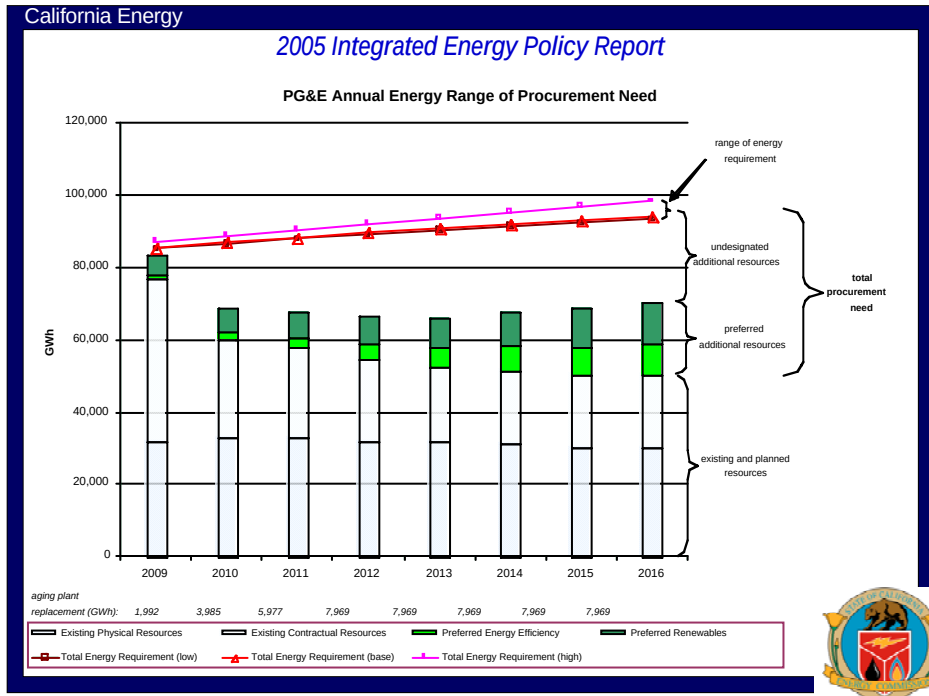
8. This cost allocation plan will stay in place until it is replaced by subsequent Commission directives.

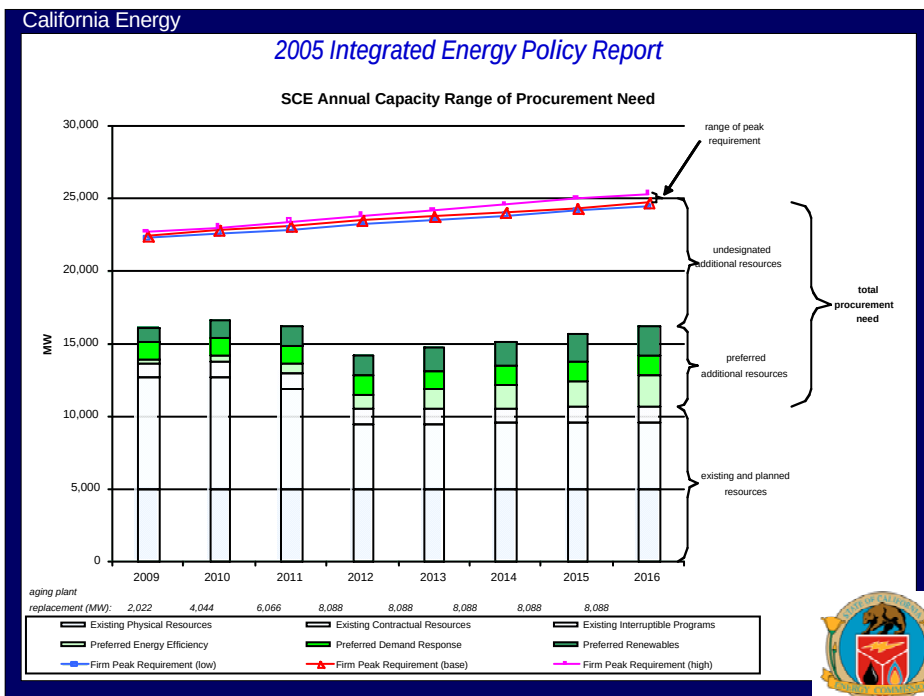
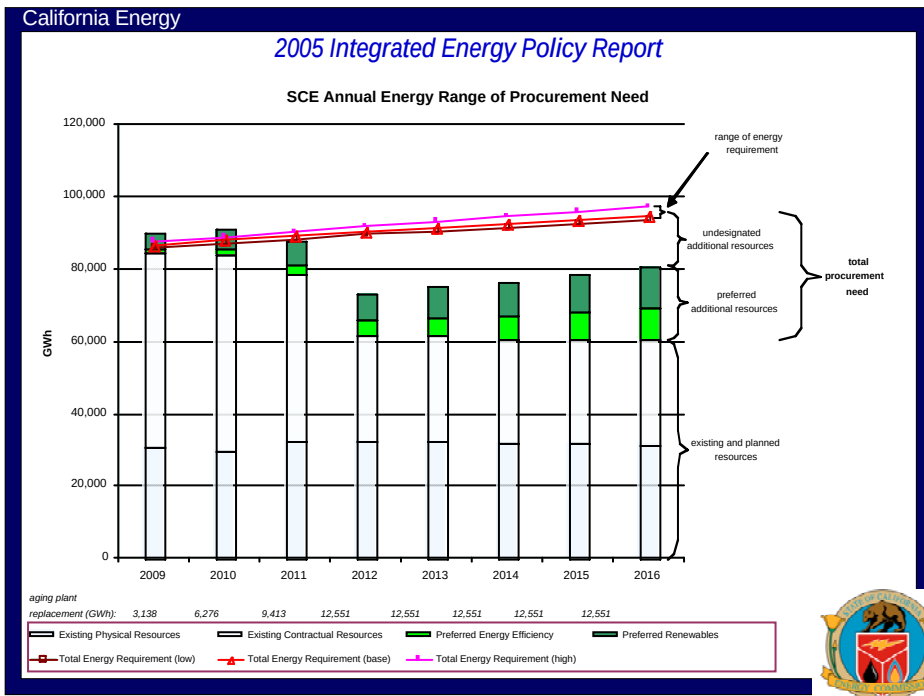
This order is effective today.

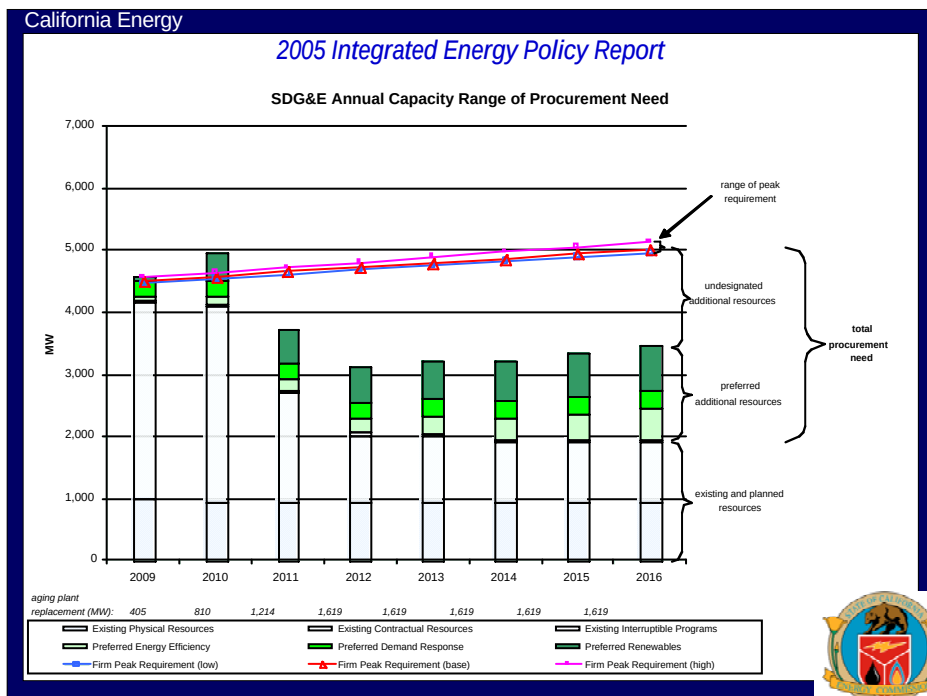
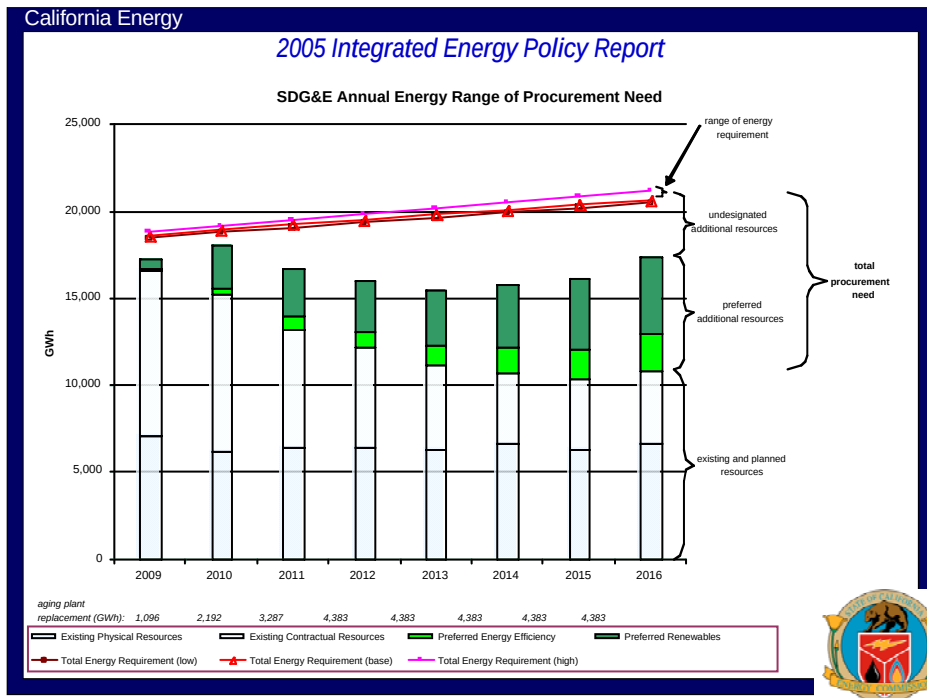
Dated _____, at San Francisco, California.

APPENDIX A

Excerpt from Presentation of Kevin Kennedy, CEC's Integrated Energy Policy Report Coordinator, March 14, 2006.







(END OF APPENDIX A)

APPENDIX B

Excerpt from Presentation by Dave Ashuckian, California Energy Commission, Electricity Demand Office, March 14, 2006.

 2006 – 2010 Five Year Electricity Outlook CA ISO Northern Region (NP26)					
Resource Adequacy Planning Conventions	2006	2007	2008	2009	2010
1 Existing Generation	24470	24413	24413	24413	24413
2 Retirements (Known)	-219				
3 High Probability CA Additions	162				
4 Net Interchange ¹	550	650	600	550	500
5 Total Net Generation (MW)	24,963	25,063	25,013	24,963	24,913
6 1-in-2 Summer Temperature Demand (Average) ²	20,395	20,747	21,074	21,423	21,799
7 Demand Response (DR)	245	245	245	245	245
8 Interruptible/Curtailable Programs	260	260	260	260	260
9 Planning Reserve ³	24.9%	23.2%	21.1%	18.9%	16.6%
Expected Operating Conditions					
Total Net Generation (MW) (Line 5)	24,963	25,063	25,013	24,963	24,913
10 Outages (Average forced + planned)	-1,100	-1,100	-1,100	-1,100	-1,100
11 Zonal Transmission Limitation ⁴	0	0	0	0	0
12 Expected Operating Generation with Outages/Limitations ⁵	23,863	23,963	23,913	23,863	23,813
13 Expected Operating Reserve Margin (1-in-2) ⁶	17.5%	15.9%	13.8%	11.7%	9.5%
Adverse Conditions					
14 High Zonal Transmission Limitation	0	0	0	0	0
15 High Forced Outages	-500	-500	-500	-500	-500
16 Adverse Temperature Impact (1-in-10)	-668	-680	-691	-703	-715
17 Adverse Scenario Reserve Margin ⁷	11.2%	9.8%	7.8%	5.7%	3.6%
18 Adverse Scenario Reserve Margin w/DR and Interruptibles ⁸	13.7%	12.2%	10.1%	8.1%	5.9%
19 Resources needed to meet adverse 7.0% reserve (WDR & Interruptibles)	0	0	0	0	233
20 Resources needed to meet adverse 5.0% reserve (WDR & Interruptibles)	0	0	0	0	0
21 Resources needed to meet adverse 1.5% reserve (WDR & Interruptibles)	0	0	0	0	0
22 Existing Generation Without Capacity Contracts ⁹	-682	-682	-2,663	-2,663	-2,663



2006 – 2010 Five Year Electricity Outlook CA ISO Southern Region (SP26)

Resource Adequacy Planning Conventions	2006	2007	2008	2009	2010
1 Existing Generation ¹	21321	21708	21708	21708	21708
2 Retirements (Known)	-1,320				
3 High Probability CA Additions	1,707				
4 Net Interchange ²	10,100	10,100	10,100	10,100	10,100
5 Total Net Generation (MW)	31,808	31,808	31,808	31,808	31,808
6 1-in-2 Summer Temperature Demand (Average) ³	27,027	27,457	27,911	28,383	28,818
7 Demand Response (DR)	395	395	395	395	395
8 Interruptible/Curtailable Programs	950	950	950	950	950
9 Planning Reserve ⁴	22.7%	20.7%	18.8%	16.8%	15.0%
Expected Operating Conditions					
Total Net Generation (MW) (Line 5)	31,808	31,808	31,808	31,808	31,808
10 Outages (Average forced + planned)	-1,155	-1,155	-1,155	-1,155	-1,155
11 Zonal Transmission Limitation ⁵	-150	-150	-150	-150	-150
12 Expected Operating Generation with Outages/Limitations ⁶	30,503	30,503	30,503	30,503	30,503
13 Expected Operating Reserve Margin (1-in-2) ⁷	16.6%	14.3%	11.9%	9.5%	7.4%
Adverse Conditions					
14 High Zonal Transmission Limitation	-250	-250	-250	-250	-250
15 High Forced Outages	-560	-560	-560	-560	-560
16 Adverse Temperature Impact (1-in-10)	-2,110	-2,145	-2,182	-2,220	-2,255
17 Adverse Scenario Reserve Margin ⁸	2.4%	0.4%	-1.7%	-3.7%	-5.5%
18 Adverse Scenario Reserve Margin w/DR and Interruptibles ⁸	8.3%	6.1%	3.9%	1.8%	-0.1%
19 Resources needed to meet adverse 7.0% reserve (w/DR & Interruptibles)	0	209	735	1,280	1,783
20 Resources needed to meet adverse 5.0% reserve (w/DR & Interruptibles)	0	0	255	790	1,284
21 Resources needed to meet adverse 1.5% reserve (w/DR & Interruptibles)	0	0	0	0	410
22 Existing Generation Without Capacity Contracts (Information Only) ⁹	-2,370	-3,010	-5,280	-5,280	-5,280

Page 9

CALIFORNIA ENERGY COMMISSION



Chart Foot Notes

- ¹ Dependable capacity by station includes 1,080 MW of stations located South of Miguel.
- ² 2006 estimate Imports with own reserves: Statewide 12,118 MW; CA ISO 9,650 MW; NP26 550 MW; and SP26 6,100 MW
- ³ September forecast showing adopted CEC 2005 IEPR high case forecast.
- ⁴ Planning Reserve calculation ((Total Generation + Demand Response + Interruptibles)/Normal Demand)-1.
- ⁵ Based on CA ISO data.
- ⁶ Does not include Demand Response/Interruptible Programs due to Reserve Margins in excess of 5% (Stage 2).
- ⁷ Operating Reserve calculation ((Operating Generation-Imports with Reserves)/(Demand-Imports with Reserves))-1.
- ⁸ Demand Response and Interruptibles added to Operating Generation in Reserve Margin formula from Footnote 7.
- ⁹ Capacity is included in Line 1 and represents plants identified in 2004 CEC Staff Draft Report 100-04-005D Resource, Reliability and Environmental Concerns of Aging Power Plant Operations and Retirements

Page 10

CALIFORNIA ENERGY COMMISSION

(END OF APPENDIX B)

APPENDIX C**Post-Workshop Comments****I. Comments Encouraging New Generation****A. Joint Parties**

The Joint Parties argue that the Commission cannot simply “stay the course” of current regulatory policies and hope that new generation will develop. They explain that current policies have not induced sufficient investment and argue that the Commission cannot ensure the construction of new generation while relying on current policies that would unlawfully burden bundled-service customers with the cost of new generation.

Most of the opposition to the JP focuses on the cost allocation mechanism. The Joint Parties try to refute this opposition by reiterating that the JP is an interim concept only intended to be in place until there is a long-term solution, such as a functioning, centralized capacity market, and the JP is not a new paradigm for procurement that moves in the direction of more utility integration.

The Joint Parties stress that the cost allocation plan set forth in the JP fairly socializes the costs and benefits of new generation to all customers. The Joint Parties stress how unfair it would be to have their bundled-customers solely responsible for the long-term commitments necessary to encourage new generation that will benefit all customers and all LSEs within the IOU’s service territory. In addition, the Joint Parties address other questions raised in the comments with the following clarifications: Debt equivalence will not be included in the socialized costs; the JP will not adversely affect the State’s adopted loading order from EAP II since conventional resources are only added after preferred resources have been

maximized; and the Joint Parties understand the need for transparency and will work with other parties on developing appropriate safeguards, but do not want to delay implementation of the process by attempting to resolve those issues now.

The Joint Parties had the opportunity to have their JP fully vetted at the workshop so they were able to support their proposal by addressing in their comments and reply the issues raised at the workshop. In particular, in response to concerns that the JP¹ was moving in the direction of vertical integration of the IOUs, the Joint Parties explain how third-party investment companies can participate in future solicitations for new generation resources. The Joint Parties suggest that once the cost allocation principles in the JP are adopted, certain aspects of the Indicated Parties' plan can be folded into the JP structure, and details can be worked out in future solicitations. While the Joint Parties believe the Indicated Parties' plan is based on some faulty assumptions about the JP, the Joint Parties do not want the discussion of the Indicated Parties plan to delay implementation of the JP as they believe it is necessary to implement it now for system reliability.

B. Joint Parties' Separate Comments

In addition to joining in the JP, SCE, PG&E and TURN each filed an individual set of comments. SCE believes the JP will protect its bundled customers and states that SCE "will not enter into such contracts if its

¹ In post-workshop comments, the JP included SCE, PG&E, NRG, TURN, CURE, and CURE. Another party on the original proposal, AES, filed separate supportive comments.

bundled-service customers alone are required to pay the full costs of new generation resources that will support system reliability for all customers.”² SCE also declares that it believes in the efficacy of a capacity market and that the JP should not hinder that market’s development. Once a capacity market is functioning, the resources developed by the JP should be submitted to the capacity market.

SCE believes there is no merit to SDG&E’s concerns that SCE is attempting to foist costs for new generation on to SDG&E customers by citing the needs as South of Path 15 (SP-15) area needs (instead of just SCE territory).

PG&E joins in SCE’s interest of protecting bundled customers and states: “It would be inequitable to require only bundled customers to pay the higher cost associated with such new resources and allow direct access customers to reap the benefits of lower cost existing resources.”³ From PG&E’s perspective, Commission approval of the new cost allocation methodology is a condition precedent to PG&E finalizing the generation contracts from its recent long-term RFO and for the Contra Costa 8 (CC8) facility so that PG&E can “ensure that its bundled customers are not saddled with a disproportionate share of developing new resources for the region.”⁴ PG&E restates that the JP should apply to utility-owned assets as well as PPAs.

² SCE Comments, p. 3.

³ PG&E Comments, pp. 5-6.

⁴ PG&E Comments, p. 6.

TURN addressed the issue of how much new capacity might be necessary to assure reliable service, while balancing system cost and reliability. TURN argues that the Commission should find that there is a need to be met only if it finds that the resources available to serve its jurisdictional customers will fall short of the 15% to 17% Planning Reserve Margin (PRM) adopted in D.04-01-050. TURN is concerned that if a higher standard of need is adopted by the Commission, there will be additional costs on customers for a limited increase in reliability. In fact, from TURN's analysis of the data, PG&E does not have a need for additional resources through 2011 beyond what it has already committed to (including commitments from its recent RFO) but SCE does have a need before 2012.

If SDG&E is able to go forward with the Otay Mesa PPA with Calpine Corporation, as authorized in D.04-06-011 and on rehearing D.06-02-031, TURN does not anticipate SDG&E having any additional short-term need. Although SDG&E did not join in the JP, TURN suggests that the Otay Mesa Generating Plant (if it is built and comes on line), should also be subject to the JP. TURN also notes that SDG&E's example of having built some new generation shows the need for the JP because SDG&E was able to get Reliability Must Run (RMR) treatment for some portion of the new plants. RMR treatment spreads some of the fixed costs of the plant to all benefiting customers in the local reliability area. TURN notes that RMR treatment is simply not an adequate substitute for the JP since not all areas that need resources can qualify for RMR.

In its reply comments, TURN responds to the JP's opponents by reminding them that it is not in any LSE's or its customers' interest to take

on the cost of new generation. Without the incentive that the JP offers for cost allocation, TURN is convinced that no new generation will be built. As TURN puts it, absent a multi-year RAR requirement, “there is an inherent hole in the Commission’s RA[R] policy.”⁵ TURN argues that telling IOUs to “just do it” and attempting to force IOUs to sign long-term contracts is unfair to bundled customers. The IOUs, TURN argues, are under no obligation to procure any particular percentage of their bundled customer needs from new capacity. Therefore, the Commission needs to figure out how to ensure new generation needed for system reliability gets built when it is not in the interest of any LSE or its customers to take on such an obligation. TURN states, “It is a major leap of faith for any party to assume that the current schedules in this case, and in R.05-12-013 will necessarily result in the timely development of new generation.”⁶

C. AES

AES was an original member of the Joint Parties, and although no longer a sponsor of the JP, AES continues to support it. From AES’ perspective, RAR and LTPP alone will not motivate investors to develop and construct the next wave of incremental generation in a timely fashion. AES, like other independent power producers (IPPs), will not make the capital investment without a stable revenue mechanism.

AES, however, does have a few concerns with the process set forth in the JP. Specifically, AES, questions whether the IOUs will design an

⁵ TURN, Reply Comments, p. 4.

⁶ TURN, Reply Comments, p. 7.

RFO that does not favor the utility or its affiliate, especially vis-à-vis issues such as debt equivalence applicability to PPAs. AES offers suggestions to make the RFOs more open and competitive, a topic that will be further developed in Phase II of this rulemaking.

D. DRA

DRA is supportive of the Commission taking some steps to encourage new generation, but prefers certain aspects of the Distco model. However, DRA is very insistent that the Commission must do something now on the cost allocation issue since “relying on RAR as the sole regulatory measure for meeting the approaching resource gap for the 2008-2011 time frame might be ultimately be more costly than if the Commission adopted a limited cost allocation methodology now.”⁷ DRA also supports of an interim cost allocation measure as some insurance against a hastily, and perhaps poorly designed, capacity market. However, DRA cautions the Commission to take the EAP II into consideration and only adopt the low end of the need range for this interim proposal.

E. CARE

CARE generally supports the JP, but would appreciate the opportunity to fairly consider other proposals.

F. CSBRT and CSBA

CSBRT and CSBA acknowledge that new generation is needed now in California and support the JP as an interim approach to achieve that goal.

⁷ DRA Comments, p. 7.

II. Parties Primarily Preferring to Stay the Course, or Offering Modifications to the JP**A. CAC/EPUC**

CAC/EPUC acknowledge that there is a need for new generation in California now, but they do not support the JP because the cost allocation proposal would assess costs to departing load, which they fear could apply to new cogeneration. In summary, CAC/EPUC do not endorse the JP because they are not convinced it is an interim proposal, but one that could morph into a permanent one, and because it fosters traditional, fossil fuel generation, not cogeneration. The major concern of CAC/EPUC is preserving the place for cogeneration qualifying facilities (QF) in the loading order prescribed by EAP II, and not having the IOUs fill all of their need with traditional generation. However, CAC/EPUC ask that if the Commission adopts the JP, or a similar plan, that it apply the plan to new generation from any source, including new cogeneration facilities.

B. Mirant

Mirant believes that the wholesale power market in California does not produce adequate revenues to encourage and support investment in new generation. From Mirant's vantage point, the Commission's focus should be on fixing the wholesale market structure, but recognizes that an interim plan "may be needed while these market reforms are being implemented and given time to work."⁸ Therefore, Mirant reluctantly

⁸ Mirant Comments, p. 5.

offers modifications to the JP to make it more in line with the Distco plan. Mirant believes this is necessary to signal that market stability is forthcoming and that California is a desirable environment for investment, without the need for “interim” solutions. Mirant does not support the JP as presented, because it perpetuates the existing dysfunction in the market. However, if the Commission adopts an interim measure, Mirant offers the following changes to the JP to create clear boundaries: limit the plan to a specific amount of new capacity for a specific time frame, consistent with moving towards the wholesale market; limit the cost allocation to the RAR portion; and have it apply to PPAs (not utility-owned generation).

In the meantime, Mirant advocates that the Commission continue to implement RAR, as well as reforms to the market redesign technology update (MRTU), and develop and implement a well-designed capacity market. “If a market structure is developed with the right components and allowed time to gain a foothold, it reasonably can be expected to encourage new investment on its own without the need for regulatory constructs being proposed.”⁹

C. Constellation

Constellation’s favored position is that the Commission “stay the course” and allow the RAR to work. However, Constellation understands that the “reality of the California energy market is that it is not just the ESPs who are not investing in energy infrastructure in California--no one is investing, not ESPs, not generation developers, not the investment banks,

⁹ Mirant Comments, p. 10.

not the IOUs, not customers--because market signals in California do not show a need for new capacity.”¹⁰ From Constellation’s perspective, it would be imprudent today to buy new generation unless investors can get a guarantee to charge “more than the current prevailing market price.” Therefore, Constellation fears that investment backed by regulatory guarantees will remain the primary source of infrastructure investment in California, until and unless there is a competitive market.

Constellation urges the Commission to either reject the JP, or if it adopts the JP, to modify it so the Commission is taking steps consistent with where it ultimately wants to go. “To the extent the Commission determines that resources must be committed now to ensure reliable grid operations, there is a need for interim investment policies. The critical task, ..., is to ensure that the “fix” does not become an impediment to the success of the emerging wholesale market structure.”¹¹ Constellation would prefer that the Commission explore the Distco plan as an alternative to the JP, but in any event, advocates that the Commission should provide clear direction that any interim proposal will be replaced with a competitive market investment incentives supported by RAR and CAISO’s MRTU.

D. Aglet

Aglet opposes the JP and the Distco plan from a concern that the IOU customers would not receive 100 % of the benefits from the new

¹⁰ *Id.*, p. 13.

¹¹ Constellation Comments, p. 15.

generation, but might get 100% of the costs. Aglet is concerned that there could be legal and administrative impediments to spreading the costs of new generation, and therefore the bundled IOU customers would be burdened with the cost. Aglet wants the IOUs to procure just for their bundled customers. As Aglet comments, “the Commission must determine whether the need for new generation is severe enough to eliminate a workable system and replace it with an experimental cost allocation method.”¹² Aglet points to PG&E’s recent RFO for the proposition that mechanisms already exist to ensure that there are long-term contracts available. From its perspective, Aglet recommends that the Commission order each IOU to fill its required need, and new generation should be added only if it is cost effective.

E. AReM

AReM’s comments focus mainly on opposing the JP. Instead of adopting a new program, AReM urges the Commission to direct the IOUs to procure for the needs of their bundled customers, just like SDG&E did two years ago when it held an RFO for grid reliability. AReM thinks the Commission should consider sanctions against PG&E and SCE for willfully avoiding filling their obligations to procure for their bundled customers.

AReM is concerned that the JP just adds to the regulatory uncertainty that investors find as an impediment to investment in California. AReM also questions whether the cost allocation mechanism in

¹² Aglet Comments, p. 4.

the JP is legally sustainable. If not, there would be further market distortions. Therefore, AReM advocates the policy of “staying the course” and allowing current policies to work. If the Commission is inclined to adopt a new policy, AReM recommends the following: clearly define the need for new capacity; decouple energy and capacity and have the IOUs procure energy only for their bundled customers, do not allow the JP for utility-owned generation, and limit the interim plan to five years.

F. POU Parties

Merced Irrigation District, Modesto Irrigation District, South San Joaquin Irrigation District, Northern California Power Agency and the California Municipal Utilities Association, herein referred to as the Joint POU Parties, oppose the JP. However, they are not against the concept that the Commission should adopt some other new measure to encourage new generation. A major concern of the Joint POUs is that costs may be shifted for generation that is consumed by IOU bundled customers to customers of Joint POU parties from the IOUs. In addition, the Joint POUs urge the Commission not to adopt a hastily drafted plan that was subject to workshops, but ask that any proposal be deferred to a proceeding where it can be more fully explored.

If, however, the Commission is considering the JP, the POU parties request the following modifications: clarify that POU parties outside of the CAISO control area will not be subject to the JP; require the IOUs to forecast customer movements from IOUs to POUs so that the IOU does not procure for those departing customers; clarify that “IOU nondistribution transmission customers” are not included; eliminate all suggestions that POU customers should have responsibility for future

LTPP decisions of IOUs; and clarify that Assembly Bill (AB) 380 does not include POUs within the definition of an LSE.

G. Sempra Global

Sempra states that “[t]he Commission cannot create a stable regulatory environment, promote new investment in infrastructure, or even expect that its policies will be taken seriously if it continually suspends, overrides and tinkers with its programs before it has gone through even a single cycle of procurement.”¹³ From Sempra’s vantage point, if guidance is needed from the Commission, it is on how rules and policies will be enforced--not on how the rules and policies should be changed. In particular, Sempra blames PG&E and SCE for creating the alleged problem by refusing to procure the resources ordered in the last LTPP decision, D.04-12-048. In fact, only SDG&E carried through and met the needs of its service territory and sought to have the incremental benefits shared through RMR contract designation.

While urging the Commission to “stay the course,” which to Sempra means implementing RAR rules and a capacity market, Sempra also alternatively provided input on modifications to the JP. Sempra’s primary goal is to limit the impacts of any new proposal on the development of wholesale and retail markets. Therefore, Sempra recommends the following modifications to the JP: limit any interim mechanism to a one-time RFO; limit it to “urgent need”; do not retroactively apply the interim mechanism to PG&E; limit the cost allocation methodology to three to four years, subject to a revisit; allow LSEs to “opt out” if they can demonstrate they have sufficient resources;

¹³ Sempra Comments, p. 2.

allow LSEs that procure new long-term resources to transfer fixed cost to the local IOU for recovery through the distribution-rate surcharges; do not permit cost allocation to apply to utility-owned generation or affiliate transactions; permit affiliate transactions and utility-owned generation so long as costs are recovered from bundled customers only; require the utilities to make public the winning contracts subject to cost allocation; make IOUs subject to reasonableness reviews for their procurement and dispatch of these resources; and design an interim plan which terminates once a centralized capacity market is functioning.

Sempra prefers the modifications it suggests to the Distco model as Sempra fears that despite its intentions, the Distco plan could be anticompetitive in the long term. Instead, the units subject to the cost allocation mechanism should be required to offer an energy option based on a heat-rate strike price to all customers paying the distribution charge. In its reply, Sempra counters arguments claiming that only the IOUs are willing or capable of making long-term resource commitments. Sempra submits that its nonutility LSE would be willing to undertake additional procurements if the Commission further requires that LSEs should procure a certain percentage of “new” resources as part of their RA obligation.

H. CLECA/CMTA

CLECA/CMTA urge the Commission to “stay the course.” They do not find the JP interim, necessary or equitable and argue that adoption of the JP will “fundamentally alter the market structure in California,

further eroding investor confidence in California's regulatory stability."¹⁴ In addition, CLECA/CMTA see the IOUs, in particular PG&E and SCE, as playing a game of "chicken," with their refusal to follow through with their approved LTPPs from D.04-12-048. CLECA/CMTA find no regulatory impediment to the IOUs signing long-term contracts, and claim that both IOUs are failing in their responsibilities as public utilities.

If however, the Commission does consider the JP, CLECA/CMTA urge that it be modified as follows. The JP should not (1) be applied retroactively to PG&E's recent long-term RFO and to Contra Costa 8; (2) be applied to utility owned generation; and (3) last longer than 10 years. Also, CLECA/CMTA argue that an IOU is not the only entity that can procure new generation. CLECA/CMTA are also concerned that if the JP is adopted, non-bundled customers will pay for above market costs of energy procured to serve bundled customers without having access to the energy. Finally, CLECA/CMTA posit that the JP does not address whether IOUs will seek to procure new generation in locations that solve local RA problems.

CLECA/CMTA also raise the issue of whether the JP would only be a transitional mechanism. CLECA/CMTA are concerned that it will become permanent, fundamentally altering the market structure of California.

I. Green Power Institute

¹⁴ CLECA/CMTA Comments, p. 3.

On fundamental principles of fairness, Green Power opposes the JP as being “considerably more generous” than any cost mechanism available through the RPS program. Previously, TURN suggested using IOUs as a means of facilitating the procurement of renewable power by the smaller LSEs, and Green Power supports that concept if it could be implemented through the JP.

J. IEP

IEP opposes the JP primarily on the ground that “staying the course” will provide the regulatory certainty needed for new generation. IEP does not want the Commission giving the IOUs more control over procurement, because it fears that the JP is moving towards utility integration. However, if the Commission adopts the JP, IEP suggests that the Commission consider that the procurement entity be someone other than an IOU.

From IEP’s perspective, the problem lies with the IOUs and the way the IOUs design the RFOs. If the solicitations were all-source, they could result in “the optimum mix of new generation, existing generation and repowering projects if [the solicitations were] given a chance to function as the Commission intended.”¹⁵ According to IEP, the resource shortage problem is not the result of the current cost-allocation scheme, but a combination of the following: regulatory incentives that favor utility owned generation over PPAs; utilities being primary purchasers and

¹⁵ IEP Comments, p. 2.

sellers of power; IOUs finding unique-fleeting-opportunities (UFOs) to present to the Commission, rather than holding all-source competitive solicitations; the procurement process is lengthy and draped in excessive confidentiality; IOUs impose high credit requirements in their RFOs; and the debt equivalence adds to the cost of the PPAs.

K. WPTF

WPTF opposes the JP for the following reasons: the JP is not needed for reliability or to ensure RA compliance; it obstructs the long-term solution of all-source solicitations, capacity market and direct access; it creates a new stranded cost; it harms competitive markets by tasking the IOUs with the responsibility of procuring power for their competitors; bundled customers are already protected from stranded costs through the 10-year NBC authorized by D.04-12-048; and it will cause billing and price transparency problems. Instead, WPTF advocates that the Commission “stay the course” and not impose a temporary solution to address a scenario brought on by PG&E and SCE’s refusal to procure sufficient resources. In the alternative, WPTF urges the Commission to order the IOUs to procure resources through all-source solicitations.

However, if the Commission chooses to adopt an interim plan, WPTF alternatively offers the following suggestions: require all-source solicitations; limit the number of MWs procured based on CEC and CAISO needs assessments; provide for an opt-out for non-utility LSEs upon a showing of RA; limit any IOU backstop procurement to RAR capacity only; make bids open and transparent; apply the policy only apply to PPAs, not utility owned generation and not to PGE’s commitments from its recent RFO; do not extend the policy beyond 10 years; require that the

entity procuring new capacity be anyone other than an IOU; and unbundle the energy and capacity components of the contract, as suggested in the Distco plan so as to maximize the energy rent.

L. SDG&E

SDG&E opposes the JP since the utility fears it will result in cross subsidies and potential stranded costs. SDG&E is particularly concerned that SCE might procure new resources, without first determining SDG&E's need for that capacity. SDG&E does not want SCE allocating 20% of the SP-15 shortfall to SDG&E regardless of SDG&E's resource position. Instead, SDG&E urges the Commission to focus on long-term solutions and move towards a capacity market, and not adopt the JP -- because it is really a long-term mechanism in disguise. If however, the Commission is considering the JP, SDG&E advocates having an opt-out provision for LSEs that are fully resourced.

M. SVLG

SVLG opposes the JP mainly on the ground that it represents a policy change toward returning IOUs to favored market position. SVLG does not believe that financing new power plants in California is difficult because of shifting customer bases, but rather because of the uncertainty of market rules. Instead, SVLG strongly supports "staying the course." However, if the Commission is considering an interim proposal, SVLG prefers aspects of the Distco plan to the JP, but only while the Commission is continuing to develop the LTPP and RAR framework. If SVLG urges that any interim proposal should only apply to peaking plants to secure reliability, that IOUs should procure base load or intermediate plants for

their own growing energy needs, and that in no event, should the JP apply to utility ownership.

III. Parties Supporting Distco Plan or Who Take No Position on the JP

A. CEC

The CEC is the drafter of the 2005 IEPR and as such, the CEC's role in this phase of the proceeding is to coordinate the transmittal of the information developed and analyzed in the preparation of the IEPR for use in the Commission's 2006 LTPP proceeding. Consistent with that role, the CEC did not take a position on the JP. Instead, the CEC advocates "staying the course" and does not see that there are any barriers to the IOUs obtaining long-term contracts, except for a need for "coming and going" rules to deal with the uncertainty of future departing and returning load. According to the CEC, if the Commission adopts "coming and going" rules by the end of 2006 as the CEC recommended in its 2005 IEPR, that should provide an alternative to the cost-sharing mechanisms in the JP and the other proposals.

The CEC established the range of need for the three IOUs in the IEPR and believes that its "contractually based range of need" numbers demonstrate that IOUs have sufficient need for new resources to (1) serve the demand for their bundled customers and (2) reduce dependence on old and inefficient power plants. The CEC is concerned that if the Commission wants to determine a separate "physical need" number for this proceeding, this process is likely to be contentious and require a significant expenditure of time and resources to resolve and will delay the issuance of this decision.

B. Indicated Parties

As discussed earlier in this decision, the Indicated Parties made modifications to the Investco proposal discussed at the workshop, produced their own proposal dubbed Distco, and urge the Commission to adopt the Distco model in lieu of the JP. In their reply comments, the Indicated Parties favor further consideration of proposals that will (1) unbundle the capacity and energy components of any new generation procured; (2) limit the need for cost allocation to the RA component; and (3) allow energy rights of new resources to be acquired and paid for by individual market participants through a forward auction. In addition, the Indicated Parties believe that their proposal can be implemented quickly.

C. FPL Energy, LLC

FPL Energy, LLC only filed reply comments that indicated support for the Indicated Parties' proposal.

IV. Other Comments**A. CAISO**

CAISO does not comment on the JP or the Distco plan, but instead limits its response to the "needs" issue. In terms of need, CAISO reiterated the "Three R's" of RAR: (1) the right mix of resources; (2) resources that are in the right location; and (3) the right amount of resources. In summary, out of its concern for sufficient resources, CAISO recommends that the Commission periodically conduct cost/reliability analysis projected over the expected term of the LTPPs to reaffirm or adjust the level of resource insurance that is in the best interest of California consumers as the state's resource supply and demand projections evolve over time.

B. RCM Biothane

RCM's concern is that the JP must be adjusted to exempt net-metering customers from any non-bypassable charge.

C. Good Company Associates on Behalf of TAS

Good Company presents a proposal of its own: the Commission should utilize technology it has available, Turbine Inlet Cooling, to provide additional capacity in a more expeditious manner. Good Company's proposal is based on the premise that in the long run, market forces are generally superior to regulation. However, to resolve short-run reliability problems, TAS has technology available that may help provide a bridge until long-run solutions work.

D. Davis Hydro

Davis Hydro urges the Commission to utilize available small distributed renewable generation to increase RA.

E. CCDG

CCDG Coalition recommends that the integrated planning process should include the establishment of procurement targets for distributed generation (DG). In light of the IEPR and EAP II, the Commission should consider requiring the LSEs to have annual procurement targets for combined heat and power facilities.

F. WEM

WEM advocates that the Commission follow the EAP II priority and focus more on energy efficiency (EE) rather than building more fossil-fueled generation. WEM fears that the JP will block development of cleaner resources for the 30-year life of the new plants and condemn the state to uncontrolled global warming. Instead, WEM argues that the Commission could address the generation shortage issue by the following: acting though EE matters; making EE a local resource; and making EE show up in supply forecast.

(END OF APPENDIX C)

INFORMATION REGARDING SERVICE

I have provided notification of filing to the electronic mail addresses on the attached service list.

Upon confirmation of this document's acceptance for filing, I will cause a copy of the Notice of Availability to be served upon the service list to this proceeding by U.S. mail. The service list I will use to serve the Notice of Availability of the filed document is current as of today's date.

Dated June 20, 2006, San Francisco, California.

/s/ FANNIE SID

Fannie Sid

***** SERVICE LIST *****

Last Update on 19-JUN-2006 by: LIL
R0602013 LIST

***** APPEARANCES *****

Marc D. Joseph
Attorney At Law
ADAMS, BROADWELL, JOSEPH & CARDOZO
601 GATEWAY BLVD., STE. 1000
SOUTH SAN FRANCISCO CA 94080
(650) 589-1660
mdjoseph@adamsbroadwell.com
For: Coalition of California Utility Employees and California
Unions for Reliable Energy

James Weil
AGLET CONSUMER ALLIANCE
PO BOX 37
COOL CA 95614
(530) 885-5252
jweil@aglet.org

Evelyn Kahl
Attorney At Law
ALCANTAR & KAHL, LLP
120 MONTGOMERY STREET, SUITE 2200
SAN FRANCISCO CA 94104
(415) 421-4143
ek@a-klaw.com
For: Energy Producers & Users Coalition

Michael Alcantar
Attorney At Law
ALCANTAR & KAHL, LLP
1300 SW FIFTH AVENUE, SUITE 1750
PORTLAND OR 97201
(503) 402-9900
mpa@a-klaw.com
For: Cogeneration Association of California

Nora Sheriff
Attorney At Law
ALCANTAR & KAHL, LLP
120 MONTGOMERY STREET, SUITE 2200
SAN FRANCISCO CA 94104
(415) 421-4143
nes@a-klaw.com
For: Energy Producers & Users Coalition

Rod Aoki
Attorney At Law
ALCANTAR & KAHL, LLP
120 MONTGOMERY STREET, SUITE 2200
SAN FRANCISCO CA 94104
(415) 421-4143
rsa@a-klaw.com
For: Cogeneration Association of California

John R. Redding
ARCTURUS ENERGY CONSULTING, INC.
44810 ROSEWOOD TERRACE
MENDOCINO CA 95460-9525
(707) 937-0878
johnrredding@earthlink.net
For: Silicon Valley Leadership Group

Kris G. Chisholm
Staff Counsel
CALIFORNIA ELECTRICITY OVERSIGHT BOARD
770 L STREET, SUITE 1250
SACRAMENTO CA 95831
(916) 322-8633
kris.chisholm@eob.ca.gov

Caryn Holmes
CALIFORNIA ENERGY COMMISSION
1516 9TH STREET, MS-14
SACRAMENTO CA 95814
(916) 654-4178
cholmes@energy.state.ca.us
For: California Energy Commission

Lisa Decarlo
Staff Counsel
CALIFORNIA ENERGY COMMISSION
1516 9TH STREET MS-14
SACRAMENTO CA 95814
(916) 654-5195
ldecarlo@energy.state.ca.us
For: California Energy Commission

Grant A. Rosenblum
GEETA THOLAN
Staff Counsel
CALIFORNIA ISO
151 BLUE RAVINE ROAD
FOLSOM CA 95630
(916) 608-7138
grosenblum@caiso.com
For: California Independent System Operator Corp.

Lynne M. Brown
CALIFORNIANS FOR RENEWABLE ENERGY INC.
24 HARBOR ROAD
SAN FRANCISCO CA 94124
(415) 285-4628
l_brown123@hotmail.com

***** SERVICE LIST *****

**Last Update on 19-JUN-2006 by: LIL
R0602013 LIST**

Michael E. Boyd
President
CALIFORNIANS FOR RENEWABLE ENERGY, INC.
5439 SOQUEL DRIVE
SOQUEL CA 95073
(408) 891-9677
michaelboyd@sbcglobal.net

Fritz Ortlieb
Attorney At Law
CITY OF SAN DIEGO
1200 THIRD AVENUE, SUITE 1200
SAN DIEGO CA 92101
(619) 236-6318
fortlieb@sandiego.gov
For: City of San Diego

Jan Reid
COAST ECONOMIC CONSULTING
3185 GROSS ROAD
SANTA CRUZ CA 95062
(831) 476-5700
janreid@coastecon.com

Mary Lynch
CONSTELLATION ENERGY COMMODITIES GROUP
2377 GOLD MEADOW WAY, STE. 100
GOLD RIVER CA 95670
(916) 526-2860
mary.lynch@constellation.com
For: CECG

Mona Tierney
CONSTELLATION NEW ENERGY, INC.
2175 N. CALIFORNIA BLVD., STE. 300
WALNUT CREEK CA 94596
(925) 287-4724
mona.tierney@constellation.com
For: Constellation New Energy, Inc.

William H. Chen
CONSTELLATION NEW ENERGY, INC.
2175 N. CALIFORNIA BLVD., SUITE 300
WALNUT CREEK CA 94596
(925) 287-4703
bill.chen@constellation.com
For: Constellation New Energy, Inc.

Clyde Murley, CONSULTANT
600 SAN CARLOS AVENUE
ALBANY CA 94706
(510) 528-8953

R. Thomas Beach
CROSSBORDER ENERGY
2560 NINTH STREET, SUITE 213A
BERKELEY CA 94710
(510) 549-6922
tomb@crossborderenergy.com
For: California Cogeneration Council (CCC)

Carl K. Oshiro
Attorney At Law
CSBRT/CSBA
100 PINE STREET, SUITE 3110
SAN FRANCISCO CA 94111
(415) 927-0158
ckomail@pacbell.net

Richard D. Ely
DAVIS HYDRO
27264 MEADOWBROOK DRIVE
DAVIS CA 95616
(530) 753-8864
hydro@davis.com
For: Northern California Small Hydro Assn.

Jeffrey P. Gray
Attorney At Law
DAVIS WRIGHT TREMAINE, LLP
ONE EMBARCADERO CENTER, SUITE 600
SAN FRANCISCO CA 94111
(415) 276-6581
jeffgray@dwt.com
For: Calpine Corporation

Norman J. Furuta
Attorney At Law
DEPARTMENT OF THE NAVY
2001 JUNIPERO SERRA BLVD., SUITE 600
DALY CITY CA 94014-3890
(650) 746-7312
norman.furuta@navy.mil
For: Federal Executive Agencies

Daniel W. Douglass
Attorney At Law
DOUGLASS & LIDDELL
21700 OXNARD STREET, SUITE 1030
WOODLAND HILLS CA 91367
(818) 961-3001
douglass@energyattorney.com
For: Western Power Trading Forum

***** SERVICE LIST *****

Last Update on 19-JUN-2006 by: LIL
R0602013 LIST

clyde.murley@comcast.net
For: Union of Concerned Scientists

Gregory Klatt, Attorney At Law
DOUGLASS & LIDDELL
21700 OXNARD STREET, NO.1030
WOODLAND HILLS CA 91367
(818) 961-3002
klatt@energyattorney.com
For: Alliance for Retail Energy Markets

Jane E. Luckhardt, Attorney At Law
DOWNEY BRAND LLP
555 CAPITOL MALL, 10TH FLOOR
SACRAMENTO CA 95814
(916) 444-1000
jluckhardt@downeybrand.com

Ann L. Trowbridge
DOWNEY, BRAND, SEYMOUR & ROHWER, LLP
555 CAPITOL MALL, 10TH FLOOR
SACRAMENTO CA 95814
(916) 444-1000
atrowbridge@downeybrand.com
For: Merced Irrigation District/Sacramento Municipal Utility
District/California Clean DG Coalition

John P. Mathis, Attorney At Law
EDISON MISSION ENERGY
555 12TH ST., NW STE. 640
WASHINGTON DC 20004
(202) 638-5408
jmathis@edisonmission.com

Andrew B. Brown, Attorney At Law
ELLISON, SCHNEIDER & HARRIS, LLP
2015 H STREET
SACRAMENTO CA 95814
(916) 447-2166
abb@eslawfirm.com
For: Constellation New Energy & Constellation Energy
Commodities Group

Carolyn Kehrein
ENERGY MANAGEMENT SERVICES
1505 DUNLAP COURT
DIXON CA 95620-4208
(707) 678-9506
cmkehrein@ems-ca.com

Francisco Da Costa
ENVIRONMENTAL JUSTICE ADVOCACY
4909 3RD STREET
SAN FRANCISCO CA 94124

Steve Isser
Vp, General Counsel
GOOD COMPANY ASSOCIATES
816 CONGRESS AVE., SUITE 1400
AUSTIN TX 78701
(512) 279-0766
sisser@goodcompanyassociates.com
For: Good Company Associates

Michael B. Day
Attorney At Law
GOODIN MACBRIDE SQUERI RITCHIE & DAY LLP
505 SANSOME STREET, SUITE 900
SAN FRANCISCO CA 94111-3133
(415) 765-8408
mday@gmsr.com
For: PacifiCorp

Joseph F. Wiedman
Attorney At Law
GOODIN MACBRIDE SQUERI RITCHIE & DAY,LLP
505 SANSOME STREET, SUITE 900
SAN FRANCISCO CA 94111
(415) 392-7900
jwiedman@gmsr.com
For: PacifiCorp

Brian T. Cragg
Attorney At Law
GOODIN, MACBRIDE, SQUERI, RITCHIE & DAY
505 SANSOME STREET, SUITE 900
SAN FRANCISCO CA 94111
(415) 392-7900
bcragg@gmsr.com
For: Independent Energy Producers Association

James D. Squeri
Attorney At Law
GOODIN, MACBRIDE, SQUERI, RITCHIE & DAY
505 SANSOME STREET, SUITE 900
SAN FRANCISCO CA 94111
(415) 392-7900
jsqueri@gmsr.com
For: Powerex Corp.

Jeanne Armstrong
Attorney At Law
GOODIN, MACBRIDE, SQUERI, RITCHIE & DAY
505 SANSOME STREET, SUITE 900
SAN FRANCISCO CA 94111
(415) 392-7900

***** SERVICE LIST *****

**Last Update on 19-JUN-2006 by: LIL
R0602013 LIST**

(415) 822-9602
frandacosta@att.net
For: Bayview Hunters Point Community

Gregg Morris
GREEN POWER INSTITUTE
2039 SHATTUCK AVENUE, STE 402
BERKELEY CA 94704
(510) 644-2700
gmorris@emf.net
For: Green Power Institute

James A. Boothe
HOLLAND & KNIGHT LLP
50 CALIFORNIA STREET, 28TH FLOOR
SAN FRANCISCO CA 94111
(415) 743-6961
james.booth@hklaw.com

Curtis Kebler
J. ARON & COMPANY(GOLDMAN SACHS)
2121 AVENUE OF THE STARS
LOS ANGELES CA 90067
(310) 407-5619
curtis.kebler@gs.com

William H. Booth
Attorney At Law
LAW OFFICES OF WILLIAM H. BOOTH
1500 NEWELL AVENUE, 5TH FLOOR
WALNUT CREEK CA 94596
(925) 296-2460
wbooth@booth-law.com
For: CA Large Energy Consumers Association

Ann G. Grimaldi
MCKENNA LONG & ALDRIDGE LLP
101 CALIFORNIA STREET, 41ST FLOOR
SAN FRANCISCO CA 94111
(415) 267-4000
agrimaldi@mckennalong.com
For: Center for Energy and Economic Development

Paul M. Seby
TIMOTHY R. ODIL
MCKENNA LONG & ALDRIDGE LLP
1875 LAWRENCE STREET, SUITE 200
DENVER CO 80202
(303) 634-4000
pseby@mckennalong.com

Sara Steck Myers
Attorney At Law
122 28TH AVENUE

jarmstrong@gmssr.com
For: South San Joaquin Irrigation District

Audrey Chang
NATURAL RESOURCES DEFENSE COUNCIL
111 SUTTER STREET, 20TH FLOOR
SAN FRANCISCO CA 94104
(415) 875-6100
achang@nrdc.org

Noel Obiora
Legal Division
RM. 4107
505 VAN NESS AVE
San Francisco CA 94102
(415) 703-5987
nao@cpuc.ca.gov

Charles Middlekauff
Attorney At Law
PACIFIC GAS AND ELECTRIC COMPANY
77 BEALE STREET
SAN FRANCISCO CA 94105
(415) 973-6971
crmd@pge.com
For: Pacific Gas and Electric Company

Douglas Larson
PACIFICORP
ONE UTAH CENTER, 23RD FLOOR
201 SOUTH MAIN
SALT LAKE CITY UT 84111
(801) 220-2190
doug.larson@pacifcorp.com

Eric Larsen
Environmental Scientist
RCM BIOTHANE
2850 POPLAR STREET
OAKLAND CA 94608
(510) 834-4568
e.larsen@rcmbiothane.com

Central Files
SAN DIEGO GAS & ELECTRIC
CP32B
8330 CENTURY PARK COURT
SAN DIEGO CA 92123-1530
(858) 654-1766
centralfiles@semprautilities.com

Wendy Keilani
SAN DIEGO GAS & ELECTRIC

***** SERVICE LIST *****

**Last Update on 19-JUN-2006 by: LIL
R0602013 LIST**

SAN FRANCISCO CA 94121
(415) 387-1904
ssmyers@att.net
For: Center for Energy Efficiency and Renewable Technologies

Lisa Urick
Attorney At Law
SAN DIEGO GAS & ELECTRIC COMPANY
101 ASH STREET
SAN DIEGO CA 92101
(619) 699-5070
lurick@sempra.com
For: San Diego Gas & Electric

Theodore Roberts
Attorney At Law
SEMPRA GLOBAL
101 ASH STREET, HQ 13D
SAN DIEGO CA 92101-3017
(619) 699-5111
troberts@sempra.com
For: Sempra Global

Beth A. Fox
LAURA I. GENAO
Attorney At Law
SOUTHERN CALIFORNIA EDISON COMPANY
2244 WALNUT GROVE AVENUE, GO1, ROOM 351C
ROSEMEAD CA 91770
(626) 302-6897
beth.fox@sce.com
For: Southern California Edison Company

Case Administration
SOUTHERN CALIFORNIA EDISON COMPANY
ROOM 370
2244 WALNUT GROVE AVENUE
ROSEMEAD CA 91770
(626) 302-4875
case.admin@sce.com
For: SCE

Jennifer Chamberlin
STRATEGIC ENERGY, LLC
2633 WELLINGTON COURT
CLYDE CA 94520
(925) 969-1031
jchamberlin@sel.com
For: Strategic Energy, LLC

Keith R. Mccrea
Attorney At Law
SUTHERLAND, ASBILL & BRENNAN, LLP
1275 PENNSYLVANIA AVE., N.W. STE. 800

8330 CENTURY PARK COURT, CP32D
SAN DIEGO CA 92123
(858) 654-1185
wkeilani@semprautilities.com

Michel Peter Florio
MATTHEW FREEDMAN
Attorney At Law
THE UTILITY REFORM NETWORK (TURN)
711 VAN NESS AVENUE, SUITE 350
SAN FRANCISCO CA 94102
(415) 929-8876
mflorio@turn.org
For: TURN

Michael Shames
Attorney At Law
UCAN
3100 FIFTH AVE., STE. B
SAN DIEGO CA 92103
(619) 696-6966
mshames@ucan.org
For: UCAN

John Galloway
Senior Energy Analyst
UNION OF CONCERNED SCIENTISTS
2397 SHATTUCK AVENUE, SUITE 203
BERKELEY CA 94704
(510) 843-1872
jgalloway@ucsusa.org

Alan Comnes
WEST COAST POWER
3934 SE ASH STREET
PORTLAND OR 97214
(503) 239-6913
alan.comnes@nrgenergy.com
For: West Coast Power

Maureen Lennon
WHITE & CASE
633 WEST 5TH STREET, SUITE 1900
LOS ANGELES CA 90071
(818) 802-1004
mlennon@whitecase.com
For: California Cogeneration Council (CCC)

Lisa A. Cottle
Attorney At Law
WHITE & CASE, LLP
4 EMBARCADERO CENTER, 24TH FLOOR
SAN FRANCISCO CA 94111
(415) 544-1105

***** SERVICE LIST *****

Last Update on 19-JUN-2006 by: LIL
R0602013 LIST

WASHINGTON DC 20004-2415
(202) 383-0705
keith.mccrea@sablaw.com
For: California Manufacturers & Technology Association

lcottle@whitecase.com
For: Mirant California,LLC, Mirant Delta,LLC,and Mirant
Potrero,LLC

***** STATE EMPLOYEE *****

Kathryn Auriemma
Energy Division
RM. 4002
505 VAN NESS AVE
San Francisco CA 94102
(415) 703-2072
kdw@cpuc.ca.gov

Donald J. Brooks
Energy Division
AREA 4-A
505 VAN NESS AVE
San Francisco CA 94102
(415) 703-2626
dbr@cpuc.ca.gov
For: Energy Division

Carol A. Brown
Administrative Law Judge Division
RM. 5103, 505 VAN NESS AVE
San Francisco CA 94102
(415) 703-2971
cab@cpuc.ca.gov

Andrew Ulmer
CALIFORNIA DEPARTMENT OF WATER RESOURCE
1416 NINTH STREET, SUITE 1118
SACRAMENTO CA 95814
(916) 653-8826
aulmer@water.ca.gov
For: California Department of Water Resources

Chi Doan
CALIFORNIA DEPARTMENT OF WATER RESOURCES
3310 EL CAMINO AVE., ROOM LL94
SACRAMENTO CA 95821
(916) 574-0612
chi@water.ca.gov

Jeff Diamond
CALIFORNIA ELECTRICITY OVERSIGHT BOARD
770 L STREET, SUITE 1250
SACRAMENTO CA 95814
(916) 322-8629
jdiamond@eob.ca.gov

David Vidaver
CALIFORNIA ENERGY COMMISSION
1516 NINTH STREET, MS-20
SACRAMENTO CA 95814
(916) 654-4656
dvidaver@energy.state.ca.us
For: California Energy Commission

Jim Woodward
CALIFORNIA ENERGY COMMISSION
1516 NINTH STREET, MS 20
SACRAMENTO CA 95814-5504
(916) 654-5180
jwoodwar@energy.state.ca.us

Karen Griffin
Executive Office
CALIFORNIA ENERGY COMMISSION
1516 9TH STREET, MS 39
SACRAMENTO CA 95814
(916) 654-4833
kgriffin@energy.state.ca.us
For: California Energy Commission

Kevin Kennedy
Supervisor, Special Projects
CALIFORNIA ENERGY COMMISSION
1516 9TH STREET, MS-48
SACRAMENTO CA 95814
(916) 651-8836
kkennedy@energy.state.ca.us

Mike Ringer
CALIFORNIA ENERGY COMMISSION
1516 NINTH STREET, MS-20
SACRAMENTO CA 95814
(916) 654-4168
mringer@energy.state.ca.us
For: California Energy Commission

Nancy Tronaas
CALIFORNIA ENERGY COMMISSION
1516 9TH ST. MS-20
SACRAMENTO CA 95814-5512
(916) 654-3864
ntronaas@energy.state.ca.us

Ross Miller

***** SERVICE LIST *****

Last Update on 19-JUN-2006 by: LIL
R0602013 LIST

Clare Laufenberg
CALIFORNIA ENERGY COMMISSION
1516 NINTH STREET, MS 46
SACRAMENTO CA 95814
(916) 654-4859
Claufenb@energy.state.ca.us

Andrew Campbell
Executive Division
RM. 5304
505 VAN NESS AVE
San Francisco CA 94102
(415) 703-2501
agc@cpuc.ca.gov

Matthew Deal
Energy Division
AREA 4-A
505 VAN NESS AVE
San Francisco CA 94102
(415) 703-5649
mjd@cpuc.ca.gov

Donna J. Hines
Division of Ratepayer Advocates
RM. 4102
505 VAN NESS AVE
San Francisco CA 94102
(415) 703-2520
djh@cpuc.ca.gov

Sepideh Khosrowjah
Division of Ratepayer Advocates
RM. 4101
505 VAN NESS AVE
San Francisco CA 94102
(415) 703-1190
skh@cpuc.ca.gov

Ellen S. LeVine
Legal Division
RM. 5028
505 VAN NESS AVE
San Francisco CA 94102
(415) 703-2047
esl@cpuc.ca.gov

Jerry Oh
Energy Division
AREA 4-D
505 VAN NESS AVE
San Francisco CA 94102
(415) 703-5370
joh@cpuc.ca.gov

CALIFORNIA ENERGY COMMISSION
1516 9TH STREET
SACRAMENTO CA 95814
(916) 654-4892
rmiller@energy.state.ca.us
For: California Energy Commission

Karen M. Shea
Energy Division
AREA 4-A
505 VAN NESS AVE
San Francisco CA 94102
(415) 703-5404
kms@cpuc.ca.gov

Donald R. Smith
Division of Ratepayer Advocates
RM. 4209
505 VAN NESS AVE
San Francisco CA 94102
(415) 703-1562
dsh@cpuc.ca.gov
For: Division of Ratepayer Advocates

Merideth Sterkel
Energy Division
AREA 4-A
505 VAN NESS AVE
San Francisco CA 94102
(415) 703-1873
mts@cpuc.ca.gov
For: Energy Division

Robert L. Strauss
Energy Division
AREA 4-A
505 VAN NESS AVE
San Francisco CA 94102
(415) 703-5289
rls@cpuc.ca.gov
For: Energy Division

***** INFORMATION ONLY *****

Michael Mazur
3 PHASES ELECTRICAL CONSULTING
2100 SEPULVEDA BLVD., SUITE 15
MANHATTAN BEACH CA 90266
(310) 798-5275
mmazur@3phases.com

Kenneth E. Abreu
853 OVERLOOK COURT
SAN MATEO CA 94403

***** SERVICE LIST *****

Last Update on 19-JUN-2006 by: LIL
R0602013 LIST

Nancy Ryan
Executive Division
RM. 5217, 505 VAN NESS AVE
San Francisco CA 94102
(415) 703-1823
ner@cpuc.ca.gov

(925) 989-7912
k.abreu@sbcglobal.net

Vitaly Lee
AES ALAMITOS, LLC
690 N. STUDEBAKER ROAD
LONG BEACH CA 90803
(562) 493-7307
vitaly.lee@aes.com

Stacy Aguayo
Manager Of Regulatory Affairs
APS ENERGY SERVICES
400 E. VAN BUREN STREET, SUITE 750
PHOENIX AZ 85004
(602) 744-5364
stacy.aguayo@apses.com

Gustavo Luna
AES CORPORATION
690 N. STUDEBAKER RD.
LONG BEACH CA 90803
(562) 493-7307
gustavo.luna@aes.com

Philippe Auclair
353 SACRAMENTO STREET, SUITE 1700
SAN FRANCISCO CA 94111
(415) 391-5100
phil@ethree.com

Karen Terranova
ALCANTAR & KAHL, LLP
120 MONTGOMERY STREET, STE 2200
SAN FRANCISCO CA 94104
(415) 421-4143
filings@a-klaw.com

Barbara R. Barkovich
BARKOVICH & YAP, INC.
44810 ROSEWOOD TERRACE
MENDOCINO CA 95460
(707) 937-6203
brbarkovich@earthlink.net

Seema Srinivasan
Attorney At Law
ALCANTAR & KAHL, LLP
120 MONTGOMERY STREET, SUITE 2200
SAN FRANCISCO CA 94104
(415) 421-4143
sls@a-klaw.com

Reed V. Schmidt
BARTLE WELLS ASSOCIATES
1889 ALCATRAZ AVENUE
BERKELEY CA 94703-2714
(510) 653-3399
rschmidt@bartlewells.com

Frank Annunziato
President
AMERICAN UTILITY NETWORK INC.
10705 DEER CANYON DR.
ALTA LOMA CA 91737-2483
(909) 989-4000
allwazeready@aol.com

Tracey Drabant
Energy Resource Manager
BEAR VALLEY ELECTRIC SERVICE
PO BOX 1547
BIG BEAR LAKE CA 92315-1547
(909) 866-1666
traceydrabant@bves.com

Edward G. Poole
Attorney At Law
ANDERSON & POOLE
601 CALIFORNIA STREET, SUITE 1300
SAN FRANCISCO CA 94108-2818
(415) 956-6413
epoole@adplaw.com

Ryan Wiser
BERKELEY LAB
MS-90-4000
ONE CYCLOTRON ROAD
BERKELEY CA 94720
(510) 486-5474
rhwiser@lbl.gov

David J. Coyle

Bruce McLaughlin
Attorney At Law

***** SERVICE LIST *****

Last Update on 19-JUN-2006 by: LIL
R0602013 LIST

ANZA ELECTRIC COOPERATIVE, INC
58470 HIGHWAY 371
PO BOX 391090
ANZA CA 92539-1909

BRAUN & BLAISING, P.C.
915 L STREET SUITE 1420
SACRAMENTO CA 95814
(916) 326-5812
mclaughlin@braunlegal.com

Scott Blaising
Attorney At Law
BRAUN & BLAISING, P.C.
915 L STREET, STE. 1420
SACRAMENTO CA 95814
(916) 682-9702
blaising@braunlegal.com
For: CALIFORNIA MUNICIPAL UTILITIES ASSN.

Steven S. Schleimer
CALPINE CORPORATION
3875 HOPYARD ROAD, SUITE 345
PLEASANTON CA 94588
(925) 479-6808
ssschleimer@calpine.com

Pierre H. Duvair, Ph.D
CALIFORNIA ENERGY COMISSION
1516 NINTH STREET
SACRAMENTO CA 95814
(916) 653-8685
pduvair@energy.state.ca.us

Bob Tang
Assistant Director
CITY OF AZUSA
729 NORTH AZUSA AVENUE
AZUSA CA 91702-9500
(626) 812-5214
btang@ci.azusa.ca.us

CALIFORNIA ENERGY MARKETS
517-B POTRERO AVENUE
SAN FRANCISCO CA 94110
(415) 552-1764
CEM@newsdata.com

George Hanson
Assistant General Manager
CITY OF CORONA
730 CORPORATION YARD WAY
CORONA CA 92880
(951) 739-4967
george.hanson@ci.corona.ca.us

Karen Mills
CALIFORNIA FARM BUREAU FEDERATION
2300 RIVER PLAZA DRIVE
SACRAMENTO CA 95833
(916) 561-5655
kmills@cbbf.com

Thomas Blair
CITY OF SAN DIEGO
9601 RIDGEHAVEN COURT, STE. 120/MS1101B
SAN DIEGO CA 92123
(858) 492-6001
tblair@sandiego.gov

CALIFORNIA ISO
151 BLUE RAVINE ROAD
FOLSOM CA 95630
e-recipient@caiso.com

Ted Pope
Director
COHEN VENTURES, INC./ENERGY SOLUTIONS
1738 EXCELSIOR AVENUE
OAKLAND CA 94602
(510) 482-4420 X221
ted@energy-solution.com

Judith Sanders
CALIFORNIA ISO
151 BLUE RAVINE ROAD
FOLSOM CA 95630
jsanders@caiso.com
For: California ISO

Lynelle Lund
COMMERCE ENERGY, INC.
600 ANTON BLVD., SUITE 2000
COSTA MESA CA 92626
(714) 259-2536
llund@commerceenergy.com

Kevin Boudreaux
CALPINE CORPORATION

***** SERVICE LIST *****

**Last Update on 19-JUN-2006 by: LIL
R0602013 LIST**

717 TEXAS AVE.
HOUSTON TX 77002
(713) 830-8935
boudreauxk@calpine.com

David X. Kolk, Ph.D.
COMPLETE ENERGY SERVICE, INC.
41422 MAGNOLIA STREET
MURRIETA CA 92562
(512) 283-1097
Dkolk@compenergy.com

Lisa Decker
Counsel
CONSTELLATION ENERGY GROUP, INC.
111 MARKET PLACE, SUITE 500
BALTIMORE MD 21202
(410) 468-3792
lisa.decker@constellation.com
For: constellarion energy commodities , etc

Gregory T. Blue
DYNEGY INC.
2420 CAMINO RAMON, SUITE 215
SAN RAMON CA 94583
(925) 866-4910
greg.blue@dynegy.com

Hank Harris
CORAL POWER, LLC
4445 EASTGATE MALL, SUITE 100
SAN DIEGO CA 92121
(858) 320-1505
hharris@coral-energy.com

Regina DeAngelis
Legal Division
RM. 4107
505 VAN NESS AVE
San Francisco CA 94102
(415) 355-5530
rmd@cpuc.ca.gov

Laurence Chaset
Legal Division
RM. 5131
505 VAN NESS AVE
San Francisco CA 94102
(415) 355-5595
lau@cpuc.ca.gov

Lawrence Kostrzewa
Regional Vp, Development
EDISON MISSION ENERGY
18101 VON KARMAN AVE., STE 1700
IRVINE CA 92612-1046
(949) 798-7922
lkostrzewa@edisonmission.com

Judy Pau
DAVIS WRIGHT TREMAINE LLP
ONE EMBARCADERO CENTER, SUITE 600
SAN FRANCISCO CA 94111-3834
(415) 276-6500
judypau@dwt.com

Philip Herrington
Regional Vp, Business Management
EDISON MISSION ENERGY
18101 VON KARMAN AVENUE, STE 1700
IRVINE CA 92612-1046
(949) 798-7922
pherrington@edisonmission.com

Robert B. Gex
Attorney At Law,
DAVIS WRIGHT TREMAINE LLP
ONE EMBARCADERO CENTER, SUITE 600
SAN FRANCISCO CA 94111-3611
(415) 276-6500
robertgex@dwt.com

Steve Koerner
Senior Consel
EL PASO CORPORATION
2 NORTH NEVADA AVENUE
COLORADO SPRINGS CO 80903
(719) 520-4443
steve.koerner@elpaso.com

Jennifer Porter
Policy Analyst
DIEGO REGIONAL ENERGY OFFICE
8520 TECH WAY SUITE 110
SAN DIEGO CA 92123

Wayne Tomlinson
EL PASO CORPORATION
2 NORTH NEVADA AVENUE
COLORADO SPRINGS CO 80903
(719) 520-4579

***** SERVICE LIST *****

Last Update on 19-JUN-2006 by: LIL
R0602013 LIST

(858) 244-1180
jennifer.porter@sdenenergy.org

Melanie Gillette
DUKE ENERGY NORTH AMERICA
980 NINTH STREET, SUITE 1420
SACRAMENTO CA 95814
(916) 441-6233
mlgillette@duke-energy.com

Adrian Pye
ENERGY AMERICA, LLC
ONE STAMFORD PLAZA, EIGHTH FLOOR
263 TRESSER BLVD.
STAMFORD CT 06901
(416) 590-3290
adrian.pye@na.centrica.com

Kevin J. Simonsen
ENERGY MANAGEMENT SERVICES
646 EAST THIRD AVENUE
DURANGO CO 81301
(970) 259-1748
kjsimonsen@ems-ca.com

Saeed Farrokhpay
FEDERAL ENERGY REGULATORY COMMISSION
110 BLUE RAVINE RD., SUITE 107
FOLSOM CA 95630
(916) 294-0322
saeed.farrokhpay@ferc.gov

Eric Yussman
Regulatory Analyst
FELLON-MCCORD & ASSOCIATES
9960 CORPORATE CAMPUS DRIVE
LOUISVILLE KY 40223
(502) 214-6331
eyussman@knowledgeinenergy.com

Ralph Dennis
Director, Regulatory Affairs
FELLON-MCCORD & ASSOCIATES
9960 CORPORATE CAMPUS DRIVE, SUITE 2000
LOUISVILLE KY 40223
(502) 214-6378
ralph.dennis@constellation.com

Ed Chang
FLYNN RESOURCE CONSULTANTS, INC.
2165 MOONSTONE CIRCLE
EL DORADO HILLS CA 95762
(925) 634-7500

william.tomlinson@elpaso.com

Lynn Haug
ELLISON, SCHNEIDER & HARRIS, LLP
2015 H STREET
SACRAMENTO CA 95814
(916) 447-2166
lmh@eslawfirm.com

Mark J. Smith
FPL ENERGY
383 DIABLO RD, SUITE 100
WALNUT CREEK CA 94526
(925) 831-0545
mark_j_smith@fpl.com

Diane I. Fellman
Attorney At Law
FPL ENERGY, LLC
234 VAN NESS AVENUE
SAN FRANCISCO CA 94102
(415) 703-6000
diane_fellman@fpl.com

J. Richard Lauckhart
GLOBAL ENERGY
2379 GATEWAY OAKS DRIVE, STE 200
SACRAMENTO CA 95833
(916) 609-7769
rlauckhart@globalenergy.com

Ronald Moore
GOLDEN STATE WATER/BEAR VALLEY ELECTRIC
630 EAST FOOTHILL BOULEVARD
SAN DIMAS CA 91773
(909) 394-3600 X 682
rkmoore@scwater.com

Isser Steve
Vice President/General Counsel
GOOD COMPANY ASSOCIATES
816 CONGRESS AVENUE, STE 1400
AUSTIN TX 78701
(512) 279-0766
sisser@goodcompanyassociates.com

Joseph F. Wiedman
Attorney At Law
GOODIN MACBRIDE SQUERI RITCHIE & DAY,LLP
505 SANSOME STREET, SUITE 900
SAN FRANCISCO CA 94111
(415) 392-7900

***** SERVICE LIST *****

Last Update on 19-JUN-2006 by: LIL
R0602013 LIST

edchang@flynnrci.com

Janine L. Scancarelli
FOLGER LEVIN & KAHN LLP
275 BATTERY STREET, 23RD FLOOR
SAN FRANCISCO CA 94111
(415) 986-2800
jscancarelli@flk.com

David Olsen
IMPERIAL VALLEY STUDY GROUP
3804 PACIFIC COAST HIGHWAY
VENTURA CA 93001
(805) 653-6881
olsen@avenuecable.com

Steven Kelly
INDEPENDENT ENERGY PRODUCERS ASSN
1215 K STREET, SUITE 900
SACRAMENTO CA 95814
(916) 448-9499
steven@iepa.com

Robert E. Burt
INSULATION CONTRACTORS ASSN.
4153 NORTHGATE BLVD., NO.6
SACRAMENTO CA 95834
(916) 568-1826
bburt@macnexus.org
For: Insulation Contractors Association

Jody S. London
JODY LONDON CONSULTING
PO BOX 3629
OAKLAND CA 94609
(510) 459-0667
jody_london_consulting@earthlink.net

Keith G. Johnson
Senior Market And Product Developer
151 BLUE RAVINE ROAD
FOLSOM CA 95630
(916) 608-7100
kjohnson@caiso.com

Dennis M.P. Ehling
Attorney At Law
KIRKPATRICK & LOCKHART NICHOLSON GRAHAM
10100 SANTA MONICA BLVD., 7TH FLOOR
LOS ANGELES CA 90067
(310) 552-5000

jwiedman@gmsr.com

Kimberly Kiener
IMPERIAL IRRIGATION DISTRICT
PO BOX 937
333 E. BARIONI BLVD.
IMPERIAL CA 92251
(760) 482-3354
kmkiener@iid.com

Richard W. Raushenbush
Attorney At Law
LATHAM & WATKINS LLP
505 MONTGOMERY STREET, SUITE 2000
SAN FRANCISCO CA 94111
(415) 391-0600
Richard.Raushenbush@lw.com

Karen Lindh
LINDH & ASSOCIATES
7909 WALERGA ROAD, NO. 112, PMB119
ANTELOPE CA 95843
(916) 729-1562
karen@klindh.com

Lynne Mackey
LS POWER DEVELOPMENT
400 CHESTERFIELD CTR., SUITE 110
ST. LOUIS MO 63017
lmackey@lspower.com

Audra Hartmann
Regioinal Director, Gov'T Affairs
LS POWER GENERATION
980 NINTH STREET, SUITE 1420
SACRAMENTO CA 95814
(916) 441-6242
ahartmann@lspower.com

John W. Leslie
Attorney At Law
LUCE, FORWARD, HAMILTON & SCRIPPS, LLP
11988 EL CAMINO REAL, SUITE 200
SAN DIEGO CA 92130
(858) 720-6352
jleslie@luce.com

Richard Mccann Ph.D
M.CUBED
2655 PORTAGE BAY, SUITE 3
DAVIS CA 95616
(530) 757-6363

***** SERVICE LIST *****

Last Update on 19-JUN-2006 by: LIL
R0602013 LIST

dehling@klnq.com

Eileen Zorc
KIRKPATRICK & LOCKHART NICHOLSON GRAHAM
10100 SANTA MONICA BLVD.7TH FLOOR
LOS ANGELES CA 90067
(310) 552-5074
ezorc@klnq.com
For: City of Vernon

rmccann@umich.edu

David Marcus
PO BOX 1287
BERKELEY CA 94701
(510) 528-0728
dmarcus2@sbcglobal.net

C. Susie Berlin
MCCARTHY & BERLIN LLP
100 PARK CENTER PLAZA, STE. 501
SAN JOSE CA 95113
(408) 288-2080
sberlin@mccarthylaw.com

MRW & ASSOCIATES, INC.
1999 HARRISON STREET, SUITE 1440
OAKLAND CA 94612
(510) 834-1999
mrw@mrwasoc.com

Barry F. Mccarthy
Attorney At Law
MCCARTHY & BERLIN, LLP
100 PARK CENTER PLAZA, SUITE 501
SAN JOSE CA 95113
(408) 288-2080
bmcc@mccarthylaw.com

William A. Monsen
MRW & ASSOCIATES, INC.
1999 HARRISON STREET, SUITE 1440
OAKLAND CA 94612
(510) 834-1999
mrw@mrwassoc.com

Timothy R. Odil
MCKENNA LONG & ALDRIDGE LLP
1875 LAWRENCE STREET, SUITE 200
DENVER CO 80202
(303) 634-4000
todil@mckennalong.com

Devra Wang
NATURAL RESOURCES DEFENSE COUNCIL
111 SUTTER STREET, 20TH FLOOR
SAN FRANCISCO CA 94104
(415) 875-6100
dwang@nrdc.org

Douglas Mcfarlan
Vp, Public Affairs
MIDWEST GENERATION EME
440 SOUTH LASALLE ST., SUITE 3500
CHICAGO IL 60605
(312) 583-6024
dmcfarlan@mwgen.com

Eric Olson
NAVIGANT CONSULTING INC.
3100 ZINFANDEL DR., STE 600
RANCHO CORDOVA CA 95670-6078
(916) 631-3252
eolson@navigantconsulting.com

Christopher J. Mayer
MODESTO IRRIGATION DISTRICT
1231 11TH STREET
MODESTO CA 95354
(209) 526-7430
chrism@mid.org

Robert S. Nichols
NEW WEST ENERGY
MAILING STATION ISB 665
PO BOX 61868
PHOENIX AZ 85082-1868
(888) 639-9674
rsnichol@srpnet.com

Joy A. Warren
Attorney At Law
MODESTO IRRIGATION DISTRICT
1231 11TH STREET

Scott Tomashefsky
NORTHERN CALIFORNIA POWER AGENCY
180 CIRBY WAY
ROSEVILLE CA 95678-6420
(916) 781-4291

***** SERVICE LIST *****

Last Update on 19-JUN-2006 by: LIL
R0602013 LIST

MODESTO CA 95354
(209) 526-7389
joyw@mid.org

John Jensen
President
MOUNTAIN UTILITIES
PO BOX. 205
KIRKWOOD CA 95646
(209) 258-7444
jjensen@kirkwood.com

Tim Hemig
Director
NRG ENERGY
4600 CARLSBAD BLVD.
CARLSBAD CA 99208
(760) 268-4069
tim.hemig@nrgenergy.com

Jesus Arredondo
NRG ENERGY INC.
4600 CARLSBAD BLVD.
CARLSBAD CA 99208
(916) 275-7493
jesus.arredondo@nrgenergy.com

E.J. Wright
OCCIDENTAL POWER SERVICES, INC.
5 GREENWAY PLAZA, SUITE 110
HOUSTON TX 77046
(562) 624-3309
ej_wright@oxy.com

Valerie Winn
Project Manager
PACIFIC GAS & ELECTRIC
PO BOX 770000 MAIL CODE B9A
SAN FRANCISCO CA 94177
(415) 973-3839
vjw3@pge.com

Brian K. Cherry
Regulatory Relations
PACIFIC GAS AND ELECTRIC COMPANY
MAIL CODE B10C
PO BOX 770000
SAN FRANCISCO CA 94177-0001
bkc7@pge.com

Ed Lucha
PACIFIC GAS AND ELECTRIC COMPANY

scott.tomashefsky@ncpa.com

Jim Mayhew
NRG ENERGY
211 CARNEGIE CENTER
PRINCETON NJ 08540
(609) 524-4595
jim.mayhew@nrgenergy.com

Grace Livingston-Nunley
Assistant Project Manager
PACIFIC GAS AND ELECTRIC COMPANY
PO BOX 770000 MAIL CODE B9A
SAN FRANCISCO CA 94177
(415) 973-4304
gxl2@pge.com

Nina Bubnova
Case Manager
PACIFIC GAS AND ELECTRIC COMPANY
PO BOX 770000, MAIL CODE B9A
SAN FRANCISCO CA 94177
nbb2@pge.com

Sebastien Csapo
Project Manager
PACIFIC GAS AND ELECTRIC COMPANY
MAIL CODE B9A
PO BOX 770000
SAN FRANCISCO CA 94177
sscb@pge.com

Soumya Sastry
PACIFIC GAS AND ELECTRIC COMPANY
MAIL CODE B9A
PO BOX 770000
SAN FRANCISCO CA 94177
(415) 973-3295
svs6@pge.com

Thomas Darton
PILOT POWER GROUP, INC.
9320 CHESAPEAKE DRIVE, SUITE 112
SAN DIEGO CA 92123
(858) 627-9577
tdarton@pilotpowergroup.com

Robert Marshall
PLUMAS-SIERRA RURAL ELECTRIC CO-OP

***** SERVICE LIST *****

**Last Update on 19-JUN-2006 by: LIL
R0602013 LIST**

77 BEALE STREET, MAIL CODE B9A
SAN FRANCISCO CA 94105
ell5@pge.com

Edward V. Kurz
Attorney At Law
PACIFIC GAS AND ELECTRIC COMPANY
77 BEALE ST., MAIL CODE B30A
SAN FRANCISCO CA 94105
(415) 973-6669
evk1@pge.com

Rick C. Noger
PRAXAIR PLAINFIELD, INC.
2711 CENTERVILLE ROAD, SUITE 400
WILMINGTON DE 19808
(925) 866-6809
rick_noger@praxair.com

James Ross
RCS, INC.
500 CHESTERFIELD CENTER, SUITE 320
CHESTERFIELD MO 63017
(636) 530-9544
jimross@r-c-s-inc.com

Robert Ott
RELIANT ENERGY
PO BOX 148
HOUSTON TX 77001-0148
(713) 497-5117
rott@reliant.com

Trent A. Carlson
RELIANT ENERGY
1000 MAIN STREET
HOUSTON TX 77001
(713) 497-4386
tcarlson@reliant.com

Gary Hinnners
RELIANT ENERGY, INC.
PO BOX 148
HOUSTON TX 77001-0148
(713) 497-4321
ghinnners@reliant.com

Edward C. Remedios
33 TOLEDO WAY
SAN FRANCISCO CA 94123-2108
(415) 474-7253

PO BOX 2000
73233 HIGHWAY 70 STE A
PORTOLA CA 96122-2000
(530) 832-0110

Laura Rooke
Sr. Project Manager
PORTLAND GENERAL ELECTRIC
121 SW SALMON ST.,
PORTLAND OR 97204
(503) 464-7017
laura.rooke@pgn.com

Kurt Kammerer, Director Of Programs
SAN DIEGO REGIONAL ENERGY OFFICE
PO BOX 60738
SAN DIEGO CA 92166-8738
(619) 546-6175
kjk@kjkammerer.com

Susan Freedman
SAN DIEGO REGIONAL ENERGY OFFICE
8520 TECH WAY, SUITE 110
SAN DIEGO CA 92123
(858) 244-1186
susan.freedman@sdenergy.org

Sean Casey
SAN FRANCISCO PUBLIC UTILITIES COMMISSIO
POWER ENTERPRISE
1155 MARKET STREET, 4TH FLOOR
SAN FRANCISCO CA 94103
(415) 554-1551
scasey@sfwater.org

Phillip J. Muller
SCD ENERGY SOLUTIONS
436 NOVA ALBION WAY
SAN RAFAEL CA 94903
(415) 479-1710
philm@scdenergy.com

Megan Saunders
SEMPRA ENERGY SOLUTIONS
101 ASH STREET, HQ09
SAN DIEGO CA 92101-3017

Sheridan J. Pauker
SHUTE, MIHALY & WEINBERGER LLP
396 HAYES ST.
SAN FRANCISCO CA 94102
pauker@smwlaw.com

***** SERVICE LIST *****

Last Update on 19-JUN-2006 by: LIL
R0602013 LIST

ecrem@ix.netcom.com

Carlos F. Pena
Attorney At Law
SAN DIEGO GAS & ELECTRIC
101 ASH STREET, PQ 13
SAN DIEGO CA 92101
(619) 696-4320
cfpena@sempra.com

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

Justin D. Bradley
SILICON VALLEY LEADERSHIP GROUP
224 AIRPORT PARKWAY, SUITE 620
SAN JOSE CA 95110
(408) 501-7864
jbradley@svlg.net

Laura Genao
Attorney At Law
SOUTHERN CALIFORNIA EDISON COMPANY
2244 WALNUT GROVE AVENUE
ROSEMEAD CA 91770
(415) 929-5530
laura.genao@sce.com

Michael A. Backstrom
Attorney At Law
SOUTHERN CALIFORNIA EDISON COMPANY
2244 WALNUT GROVE AVENUE
ROSEMEAD CA 91770
(626) 302-6944
michael.backstrom@sce.com

Rasha Prince
SOUTHERN CALIFORNIA GAS COMPANY
555 WEST 5TH STREET, GT 14D6
LOS ANGELES CA 90013
(213) 244-5141
rprince@semprautilities.com

Seth D. Hilton
STOEL RIVES
111 SUTTER ST., SUITE 700
SAN FRANCISCO CA 94104
(415) 617-8943
sdhilton@stoel.com

Janice Lin

Osa L. Wolff, Attorney At Law
SHUTE, MIHALY & WEINBERGER, LLC
396 HAYES STREET
SAN FRANCISCO CA 94102
(415) 552-7272
wolff@smwlaw.com

Mary O. Simmons
SIERRA PACIFIC POWER COMPANY
RATES & REGULATORY AFFAIRS
6100 NEIL ROAD, P.O. BOX 10100
RENO NV 89520
(775) 834-5870
msimmons@sierrapacific.com

Roger Pelote
THE WILLIAMS COMPANY, INC.
12736 CALIFA STREET
VALLEY VILLAGE CA 91607
(818) 761-5954
roger.pelote@williams.com

Steve Boyd
TURLOCK IRRIGATION DISTRICT
333 EAST CANAL DRIVE
TURLOCK CA 95381-0949
(209) 883-8364
seboyd@tid.org

Cliff Chen
UNION OF CONCERNED SCIENTIST
2397 SHATTUCK AVENUE, STE 203
BERKELEY CA 94704
(510) 843-1872
cchen@ucsusa.org

Andrew J. Van Horn
VAN HORN CONSULTING
12 LIND COURT
ORINDA CA 94563
(925) 254-3358
andy.vanhorn@vhcenergy.com

Robin J. Walther
1380 OAK CREEK DRIVE, NO. 316
PALO ALTO CA 94304-2016
(650) 793-7445
rwalther@pacbell.net

Barbara George
WOMEN'S ENERGY MATTERS
PO BOX 548
FAIRFAX CA 94978

******* SERVICE LIST *******

**Last Update on 19-JUN-2006 by: LIL
R0602013 LIST**

Managing Partner
STRATEGEN CONSULTING LLC
146 VICENTE ROAD
BERKELEY CA 94705
(510) 665-7811
janice@strategenconsulting.com

Andrea Weller
STRATEGIC ENERGY, LTD
7220 AVENIDA ENCINAS, SUITE 120
CARLSBAD CA 92209
aweller@sel.com

(510) 915-6215
bgwem@igc.org

Kevin Woodruff
WOODRUFF EXPERT SERVICES, INC.
1100 K STREET, SUITE 204
SACRAMENTO CA 95814
(916) 442-4877
kdw@woodruff-expert-services.com