

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA



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Order Instituting Rulemaking to Develop Additional
Methods to Implement the California Renewables
Portfolio Standard Program.

Rulemaking 06-02-012
(February 16, 2006)

**POST-WORKSHOP COMMENTS OF THE
CENTER FOR ENERGY EFFICIENCY AND RENEWABLE TECHNOLOGIES
ON TRADABLE RENEWABLE ENERGY CREDITS**

November 13, 2007

SARA STECK MYERS
Attorney for the
Center for Energy Efficiency and
Renewable Technologies

122 – 28th Avenue
San Francisco, CA 94121
(415) 387-1904
(415) 387-4708 (FAX)
ssmyers@worldnet.att.net

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CENTER FOR ENERGY EFFICIENCY AND RENEWABLE TECHNOLOGIES
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The Center for Energy Efficiency and Renewable Technologies (CEERT) respectfully submits its Post-Workshop Comments on Tradable Renewable Energy Credits (TREC)s. These comments are timely filed and served on the service lists for Order Instituting Rulemaking (R.) 06-02-012, R.06-05-027, R.06-03-004, and R.06-04-009, with paper copy provided to ALJ Simon, as required by the Administrative Law Judge's Ruling issued in this proceeding on October 16, 2007 (October 16 ALJ's Ruling).

I.

**THE "STRAW PROPOSAL" IS THE APPROPRIATE FOCUS FOR
THE POST-WORKSHOP COMMENTS AND A COMMISSION DECISION
APPROVING USE OF TRADABLE RECS FOR RPS COMPLIANCE.**

CEERT, along with several of its participating environmental organizations and renewable energy developers, attended and contributed to the Commission's workshop on the use of tradable renewable energy credits (TREC)s for compliance with California's Renewable Portfolio Standard (RPS) Program held on September 5 through 7, 2007. CEERT, which also filed pre-workshop comments on August 17, 2007, believes that the three-day workshop, along with relevant party comments, provide a robust record on which the Commission can adopt and incorporate tradable RECs among the procurement options available to RPS-obligated load serving entities (LSEs) for meeting their RPS targets.

In particular, the Energy Division’s “straw proposal” for using tradable RECs for RPS compliance offered on the final day of the workshop provided an appropriate, basic framework for incorporating this important procurement option in the RPS Program. With some minor changes, CEERT generally supported the “straw proposal.”

The October 16 ALJ’s Ruling, while offering a revised version of that “straw proposal” for party comment, has also re-introduced a layer of complexity to this issue, which was part of the pre-workshop ALJ’s Ruling and which continues to be both unwarranted and unnecessary. Like the earlier ruling, many of the questions asked by the October 16 ALJ’s Ruling are either irrelevant or simply cannot be, and do not need to be answered, for the Commission to decide that tradable RECs *can* be included among the *options* available to RPS-eligible generators and obligated LSEs to permit them to produce and procure the renewable energy needed to meet RPS goals. In addition, CEERT is disappointed that additional or changed conditions and limits on the use of tradable RECs for RPS compliance have been added to the Energy Division’s “straw proposal,” as appended to the ruling, since it was first presented at the close of the workshop (September 7, 2007).

The October 16 ALJ’s Ruling also asks extensive questions about (1) the economic analysis on REC market design in California presented by Dr. Jurgen Weiss at the workshop and (2) the applicable standard term definition for REC attributes. CEERT, however, believes that, at this point, the focus of these comments, and the Commission’s attention, should be on the “straw proposal,” which was a direct outcome of the 3 days of workshops and was responsive to the robust record developed on this issue during the workshop, including *all* of the presentations, panel discussions, and participants’ comments. Exclusive reliance on Dr. Weiss’s presentation, as opposed to the full workshop record, has limited value since his analysis relates almost

exclusively to trading RECs on the spot market and not procuring RECs by contracts that will be longer term, less volatile, and less costly. Dr. Weiss’s presentation also incorrectly assumes, without support, that RPS markets are the same as REC markets.

As to the definition of REC “attributes,” many of the questions asked in the October 16 ALJ’s Ruling, as in the pre-workshop ALJ’s Ruling, relate to implementation details of Assembly Bill (AB) 32 (greenhouse gas (GHG) emissions reduction) that remain unknown at this time and do not need to be resolved to include TRECs among an LSE’s procurement options used to comply with its RPS targets. For now, absent further legislation, the RPS-adopted standard terms and conditions governing REC attributes do not require change to facilitate the use of tradable RECs for RPS compliance.

Again, CEERT remains concerned, as stated in its Pre-Workshop Comments, that the approach being taken in the questions posed in both the pre-workshop and post-workshop ALJ’s Rulings, add “unwarranted complexity to the task at hand” and even read “as a challenge to the ongoing effectiveness and relevancy of the RPS itself.”¹ As noted by CEERT in its pre-workshop comments, and apparently still relevant now:

”While other procurement policies may [be] evolving today (i.e., GHG emissions reduction), none require that the RPS Program be displaced and instead [these policies] will be well served by ongoing enforcement of the RPS procurement mandate. The RPS Program has been *in effect* for more than 4 years. Enormous time and resources have been spent on its implementation, and it continues to impose on an obligated load serving entity (LSE) the central requirement to increase its renewables procurement to meet 20% of its retail sales by 2010. The only question pending now before the Commission is whether and how a single, additional and voluntary procurement option [TRECs] can be added to the already existing RPS-compliant procurement options to further the RPS goal and the EAP II goal of 33% renewables by 2020.”²

¹CEERT Pre-Workshop Comments, at p. 3.

² CEERT Pre-Workshop Comments, at p. 3; emphasis original.

CEERT believes that this question has been answered in large part by the Energy Division’s “straw proposal,” as it was presented at the close of, and based on the full record from, the TREC workshops. For this reason, CEERT’s focus in these comments is on the “straw proposal,” as now modified in the October 16 ALJ’s Ruling. CEERT responds to the other questions posed by the October 16 ALJ’s Ruling to the extent they are relevant or add value to the “straw proposal” and CEERT’s position on that proposal. In general, CEERT continues to support the “straw proposal,” but believes that changes are required to ensure that tradable RECs will be effectively incorporated as a valuable and meaningful procurement option in the RPS Program.

II.

CEERT SUPPORTS THE “STRAW PROPOSAL” WITH MODIFICATIONS.

A. Overview

CEERT first notes that several significant, substantive changes were made by Energy Division between its “straw proposal” as originally offered at the conclusion of the TREC Workshop (September 7 “straw proposal”) and as attached to the October 16 ALJ’s Ruling (Attachment E “straw proposal”). While CEERT had concluded that certain modifications of the original “straw proposal” were in order, it has greater concerns with some of the changes and additions made in the Attachment E “straw proposal.” While CEERT would prefer to work from the September 7 “straw proposal,” to avoid any confusion in trying to compare the two “straw proposals,” CEERT will offers its comments and suggested revisions based on the Attachment E “straw proposal,” offering, only where appropriate, any reinstatement of recommendations from the previous straw proposal. As stated above, CEERT has incorporated responses to the

questions posed regarding the “straw proposal” included at pages 8 to 11 of the October 16 ALJ’s Ruling, as relevant.

B. The Commission Should Avoid Creating Inappropriate Barriers to the Use of Tradable RECs or Other Procurement Options that Can Facilitate RPS Compliance.

In Questions 1 and 2 of the October 16 ALJ’s Ruling, and their multiple subparts, parties are essentially asked to forecast and quantify what the precise impacts will be of including tradable RECs among RPS procurement options. While CEERT clearly sees a value in developing a framework for incorporating tradable RECs as *one*, among many, RPS procurement options, this level of certainty cannot be achieved today for *any* RPS procurement option.

CEERT does not believe that limited state and stakeholder resources should be applied to foretelling the future impacts of any kind RPS procurement option, especially as compared to or integrated with a non-existent and only “possible market of tradable allowances for compliance” with AB 32.³ Instead, the focus should be on understanding the overall value of *adding* tradable RECs *among* RPS-compliant procurement options and developing a process for incorporating this option in the current RPS Program that recognizes this value and fairly treats and protects all participants, especially ratepayers.

With respect to that value, those who offered input and comment at the workshop agreed that adding REC contracts as a procurement option for RPS compliance has significant value. CEERT’s own views on this issue, as stated in its Pre-Workshop Comments, were re-enforced by many parties at the workshop and remain relevant as a response to related questions posed by the October 16 ALJ’s Ruling:

“There are also multiple benefits to buyers and sellers of renewable generation in permitting REC transactions to be included in RPS compliant procurement options. For both, having the ability to transact RECs enhances the

³ October 16 ALJ’s Ruling, at p. 9.

ability to meet RPS requirements and optimize renewable resources used to produce electric generation. In contrast, a single method of contracting with a single set of buyers does not necessarily promote a robust market or liquidity.

.....

“REC transactions among multiple counterparties, will aid in developing liquidity and forming a robust market to support the development of renewable resources in California and throughout the WECC. This robust market will help renewable project developers to have some insight into what revenue streams may be available from the REC market, which in turn will allow those developers to more effectively evaluate the economics and viability of a given project.

“In particular, adding REC transactions to other RPS-compliant procurement options recognizes that each LSE has different needs, and increasing options will increase the potential for finding products that better match these needs. In addition, short-term REC transactions can help increase compliance in the event of other contract failures or energy delivery shortfalls. Procurement of RECs generated from eligible out-of-state facilities located within the WECC region will add to the procurement options available to LSEs to meet their RPS annual procurement targets (APTs) and will also facilitate renewable energy projects being developed in the most cost-effective regional locations.

“Finally, given the track record of other well-functioning REC tracking and trading systems in the country that have been designed by the same team that has designed WREGIS (APX, Inc.), the procurement, transfer, and tracking of RECs to meet RPS requirements should be extremely efficient and provide consumer confidence. WREGIS certainly can serve to facilitate REC transactions, as intended.”⁴

As to appropriate integration of this option into the RPS Program, CEERT believes that the basic structure of the Energy Division’s “straw proposal” can achieve this end with certain modifications. Below CEERT addresses the Attachment E “straw proposal” and offers its position and recommended changes, if any, on each topic area.

C. With Modifications, the Attachment E “Straw Proposal” Should Be Adopted by the Commission to Authorize Use of Tradable RECs for RPS Compliance.

CEERT offers the following comment and suggested modifications to each topic area of the Attachment E “straw proposal.” As modified, the “straw proposal” should be used by the Commission to authorize the use of tradable RECs for RPS compliance.

⁴ CEERT Pre-Workshop Comments, at pp. 22-24.

MARKET PARTICIPANTS

Attachment E:

The Attachment E “straw proposal” recommends that there be “no limits on market participation” in the California compliance REC market.⁵ However, in answering the question of whether the REC trading rules should differ for non RPS-obligated entities, the Attachment E “straw proposal” states: “To the greatest extent possible, rules should be consistent for all participants.”⁶

CEERT Position/Proposed Modifications:

CEERT asks that the Commission modify this recommendation slightly by adopting a policy that will impose no limits on tradable REC market participation and that will ensure that tradable REC rules will be consistent for all participants. On this latter point, CEERT does not support the preface “to the greatest extent possible,” added by the Attachment E “straw proposal.” Such language only creates uncertainty and unnecessary confusion, as the rationale offered for adding the language does not explain on what basis the rules would be considered “consistent.”

Therefore, CEERT recommends that the recommendations on “Market Participation” read as follows:⁷

“There are no limits on market participation.”

“~~To the greatest extent possible,~~ Rules should be consistent for all participants.”

⁵ October 16 ALJ’s Ruling, Attachment E, at p. 1.

⁶ October 16 ALJ’s Ruling, Attachment E, at p. 1.

⁷ All additions are indicated in bold time; all deletions are indicated by bolds strikethrough.

TREC USAGE LIMITS

Attachment E:

The Attachment E “straw proposal” recommends that a “minimum quota mechanism, similar to the one set forth in D.07-05-028 for short term contracts, will be applied to TRECs.”⁸ According to Attachment E, this minimum quota will restrict LSEs, in any calendar year, from counting tradable REC contracts for RPS compliance unless, in the same calendar year, the LSE signs long-term bundled contracts or bundled contracts with new facilities whose aggregated annual expected deliveries total at least 0.25% of its prior year's retail sales.

CEERT Position/Proposed Modifications:

CEERT is quite concerned about the application of the “minimum quota” adopted in D.07-05-028 to tradable RECs transactions, an issue that was not considered at the time of this decision. Specifically, this approach requires an LSE to sign either long-term bundled contracts or bundled contracts with new facilities as a prerequisite to permitting tradable REC procurement. CEERT can well imagine years in which the LSE *does not sign any* long-term or new facility bundled *contracts* or can guarantee that those it does sign will eventually result in energy deliveries totally at least 0.25% of its prior year's sales. During such years, the “minimum quota” described in the “straw proposal” would preclude LSEs from using tradable RECs, thus deterring LSEs from ever entering a long-term tradable REC contract. In addition, LSEs would be precluded from signing contracts for short-term tradable RECs, even if they were a more cost-effective means for an LSE to meet its RPS targets in any given year.

It must be remembered that a tradable REC is *only* a procurement *option* and it makes little sense to restrict such an option, especially when it will never, on its own, diminish or

⁸ October 16 ALJ's Ruling, Attachment E, at p. 1.

replace long-term contracts as the primary means of developing new renewable projects. In fact, given the Commission specifically recognized in D.07-05-028 that, pursuant to Public Utilities (PU) Code Section 399.14(b)(2), it had the discretion to set the minimum quantity at any level that reasonably contributes to the goals of the RPS program,” including “zero.”⁹

Under these circumstances, CEERT believes that the Commission should conclude that the minimum quantity or quota applied to tradable RECs, especially at the inception of its use as an RPS-compliant procurement option, should be set at zero to increase market liquidity and participation. Preferably, of course, the minimum quantity or quota should be set to zero for all RPS procurement options to encourage their use, as appropriate to the circumstances, in meeting RPS targets.

For these reasons, it is CEERT’s *primary recommendation* that no “*minimum quota*” or quantity of bundled contracts be adopted as a condition precedent for use of tradable RECs. However, in the spirit of compromise and to expedite the approval of a process that will permit REC transactions, CEERT asks *alternatively* that the Attachment E “straw proposal” at least be modified to read:

“A minimum quota mechanism, similar to the one set forth in D.07-05-028 for short term contracts, will be applied to **short-term FRECs contracts**. **No minimum quota will be applied to long term (10 years or more) REC contracts.**

“The minimum quota will allow, in any calendar year, LSEs to count short-term REC contracts for RPS compliance only if, in the same calendar year, the LSE signs **or receives energy deliveries from** long-term bundled or unbundled contracts or bundled contracts with RPS-eligible facilities whose aggregated annual expected deliveries total at least 0.25% of its prior year's retail sales.”

⁹ D.07-05-028, at pp. 12-14; emphasis added.

In response to whether the CPUC should require a certain portion of TREC contracts to be long-term, the September 7 “straw proposal” recommended that the Commission should not require TREC contracts of any particular length. This recommendation should be incorporated into the Attachment E “straw proposal” on TREC Usage Limits as follows:

“The Commission should not require REC contracts of particular lengths.”

FLEXIBLE COMPLIANCE: BANKING

Attachment E:

Attachment E recommends: (1) In order for tradable RECs to be used for RPS compliance, they must be retired in WREGIS within 3 compliance years (including the compliance year in which it was generated), and (2) after RECS are retired in WREGIS, they can be banked indefinitely for RPS compliance purposes. Attachment E also adds the following “tracking” mechanism: “The flexible compliance for RECs and RPS bundled procurement will be tracked by the Compliance Spreadsheets submitted as part of the biannual Compliance Reports.”¹⁰

CEERT Position/Proposed Modifications:

CEERT agrees with this approach and has no proposed modifications to make to these recommendations.

FLEXIBLE COMPLIANCE: EARMARKING

Attachment E:

Attachment E recommends that “[n]o tradable RECs can be used for earmarking.” Attachment E also states that “[n]o forward REC contracts can be used for earmarking.”¹¹

¹⁰ October 16 ALJ’s Ruling, Attachment E, at p. 2.

¹¹ October 16 ALJ’s Ruling, Attachment E, at p. 4.

CEERT Position/Proposed Modifications:

CEERT agrees with this approach and has no proposed modifications to make to these recommendations.

TREATMENT OF BUNDLED CONTRACTS

Attachment E:

Attachment E recommends: (1) Beginning January 1, 2009, an LSE can unbundle and sell the RECs (that are tracked in WREGIS) from currently operational RPS projects, but once the RECs are sold, they cannot be used for RPS compliance by the selling LSE and the “null power” also cannot be used for RPS compliance by any LSE; (2) beginning January 1, 2009, LSEs can unbundle and sell RECs (that are tracked in WREGIS), on a forward basis, from CPUC-approved RPS projects that are not yet online, but once the RECs are sold, they cannot be used for RPS compliance by the selling LSE, and the null power also cannot be used for RPS compliance; and (3) LSEs cannot unbundle the first year of a bundled contract if it has been set aside for RPS earmarking, but can unbundle subsequent years of such a contract.¹²

CEERT Position/Proposed Modifications:

CEERT has no objection or proposed modification to the basic resolution of this issue, with one exception. CEERT believes that the reference to “null power” is incorrect, as “null power” could never be used for RPS-compliance. If this language is left in, it could confusion among those participating in REC transactions. Specifically, the only issue before the Commission today is whether a tradable REC can be used for RPS compliance. Once power has been stripped of its REC, it is no longer eligible for the RPS Program.

¹² October 16 ALJ’s Ruling, Attachment E, at pp. 5-6.

For this reason, CEERT asks that the following sentence be eliminated in each of the recommendations made on this topic area in Attachment E as follows:

~~“The null power also cannot be used for RPS compliance by any LSE.”~~

COST RECOVERY

Attachment E:

Attachment E includes three subjects for recommendation, stated as follows: (1) review process, (2) “price evaluation” (to evaluate whether a REC contract price is reasonable), and (3) use of standard terms and conditions in TREC contracts.¹³ As to the *review process*, Attachment E recommends that long term REC contracts (10 years or more), either from a solicitation or bilateral negotiation, be filed with the CPUC by advice letter; short term REC contracts should follow the same approval process established for short-term bundled contracts, even though the Commission has yet to issue a decision on that process, which, therefore, remains unknown today. For *price evaluation criteria*, Attachment E recommends that IOUs should solicit REC contracts in their annual renewable RFOs and, as part of this process, the IOUs must modify their least cost, best fit (LCBF) evaluation methodologies to short list the most competitive REC contracts. Attachment E further recommends that the LCBF methodology should compare the benefits and costs of bundled contracts with REC transactions and evaluate them relative to the LSE's entire RPS portfolio. Significantly, Attachment E adds a recommendation that was not part of the original “straw proposal,” which imposes a “price cap” for any REC contract (short term or long term; solicitation-based or bilateral) set at \$35/REC levelized using the IOU's approved discount rate. For *standard terms and conditions*, Attachment E requires each REC

¹³ October 16 ALJ's Ruling, Attachment E, at pp. 6-8.

contract to contain the CPUC-approved term identifying the RECs and their attributes transferred to the buyer, and this term is non-modifiable.

CEERT Position/Proposed Modifications:

One of the values of a REC transaction is that it can permit an RPS-obligated LSE to quickly respond to opportunities to procure available and qualified RECs. For this reason, an elaborate or prolonged review process for short-term REC contracts will defeat the purpose of having this option available to meet RPS targets. To that end, while CEERT, as it indicated in its Pre-Workshop Comments, recognizes a value in establishing at least an overall benchmark of cost reasonableness for REC procurement, CEERT does not think that, at this early stage of using RECs for RPS compliance, this benchmark should be stated as a strict “cap” nor should it be set at a price that is inconsistent with the applicable penalty. In particular, CEERT believes, as it stated in its pre-workshop comments, that the Commission should be guided by the “Alternate Compliance Payment” approach that has been used by other states in their RPS Programs.¹⁴

In this regard, Attachment E seems to suggest that setting a cap below the penalty is appropriate. CEERT strongly disagrees. Further, Attachment E offers no basis or record for selecting a \$35/REC value, other than it “is not economically reasonable for a utility to buy a \$50 REC.”¹⁵

A REC is a market mechanism, and the market, characterized by supply and demand, will determine the value. Obligated LSEs are not going to procure RECs at a cap or benchmark price just because that is the cap. Any action taken by the Commission to cap that price today will

¹⁴ CEERT Pre-Workshop Comments, at pp. 20-21.

¹⁵ October 16 ALJ’s Ruling, Attachment E, at p. 7.

only create disincentives to renewables procurement and serve to inappropriately influence and constrain the RECs market. Such a step should, therefore, clearly be avoided.

As an example, by setting a cap (\$35/REC) below the current penalty for failure to meet RPS targets (\$50/REC), the result is that an obligated LSE would be required to forego a REC purchase and pay more for failing to meet its RPS obligations if the cost of the REC were above the cap (\$40/REC), but below the penalty (\$50). California is certainly not benefited from such an outcome, which effectively puts a chill on increasing renewables generation in this state. The economic reasonableness for procuring tradable RECs will change over time and should be established by the willing buyers and sellers, subject to review by the Commission.

For these reasons and as discussed in CEERT's pre-workshop comments,¹⁶ CEERT strongly recommends that *no price cap* be placed on REC procurement prices and, *at the most*, only a "reasonableness benchmark" be adopted that is the same as the penalty for RPS non-compliance. Further, the adopted review process should be one that enhances, not detracts, from having RECs available as a procurement option. Any such process should also be one that can be identified today and not subject to a future decision and unknown outcome. As noted above, the "approval process" for "short-term bundled contracts" has not yet been decided by the Commission.

Therefore, Attachment E should be modified as follows:

¹⁶ In CEERT's Pre-Workshop Comments, CEERT proposed the following:

"CEERT proposes that on an annual basis each LSE report to the Commission on the number of REC transactions each has completed in the year, the individual cost and length of each transaction, the cumulative cost of these transactions, and the percentage of the LSE's annual and overall RPS targets represented by REC transactions. Consistent with PU Code §399.16, cost recovery of this procurement by electric corporations should be allowed, with the "penalty" of \$50/MWhr serving as the upfront and per se reasonableness standard for a REC transaction of less than five years in length. If the Commission determines that a correction in its rules governing REC transactions is required, that direction can be made by the Commission at the time of its annual review to respond with a rule revision made effective on a prospective basis." (CEERT Pre-Workshop Comments, at p. 21.)

~~“Review Process: Long-term REC contracts (either solicitation-based or bilateral) must be filed with the Commission by advice letter. All short-term REC contracts should follow the same approval process that is established in R.06-02-012 for short-term bundled contracts. On an annual basis, each LSE should report to the Commission the number of REC transactions it has completed in the year, the individual cost and length of each transaction, the cumulative cost of these transactions, and the percentage of the LSE’s annual RPS targets represented by REC transactions. An LSE should be permitted to enter short-term REC transactions, regardless of source, without Commission pre-approval, but may seek such pre-approval by advice letter. Only long-term REC contracts (either solicitation-based or bilateral) should require Commission approval by advice letter.~~

~~“Price Evaluation Criteria: IOUs should can solicit REC contracts in their annual renewable RFOs. As part of this process, the IOUs’ IOUs must modify their least-cost, best fit (LCBF) evaluations methodologies to short list the most competitive REC contracts. The LCBF methodology should compare the benefits and costs of bundled contracts with REC transactions, and evaluation of them relative to the LSE’s entire RPS portfolio.~~

~~“A price cap price reasonableness benchmark will also be used to protect ratepayers from unreasonable costs. The price reasonableness benchmark price cap for any REC contract (short term or long term; solicitation-based or bilateral) must be the same as the penalty for non-compliance to avoid creating any incentives for RPS non-compliance and inappropriately influencing the market. The penalty is currently \$50/MWh is \$35/REC levelized using the IOU’s approved discount rate.~~

~~“Bilateral REC contracts are allowed also and are subject to the \$35/REC levelized price cap.”~~

Standard terms and conditions: Each REC contract must contain a Commission-approved term identifying the RECs and their attributes transferred to the buyer. This term is not modifiable.”

D. Evidentiary Hearings Are Not Required.

As stated above, it is CEERT's position that the three days of workshops on using tradable RECs for RPS compliance, coupled with relevant party comments, provide a robust record on which the Commission can approve and incorporate the use of tradable RECs for RPS compliance. There are no material issues of fact relevant to such a decision that are in dispute, and no evidentiary hearings are required.

V.

CONCLUSION

CEERT appreciates the time and attention that have been devoted by this Commission and the California Energy Commission and their respective staffs to timely review and resolution of the issue of using tradable RECs for RPS compliance. With the launch of WREGIS, CEERT asks that the Commission quickly move to permit the use of tradable RECs for RPS compliance based on the recommendations offered by the Energy Division's Straw Proposal in Attachment E to the October 16 ALJ's Ruling, as modified as recommended by CEERT in these post-workshop comments.

Respectfully submitted,

November 13, 2007

/s/ SARA STECK MYERS

Sara Steck Myers
Attorney for CEERT

122 – 28th Avenue
San Francisco, CA 94121
(415) 387-1904 (Telephone)
(415) 387-4708 (FAX)
ssmyers@att.net (E-mail)

CERTIFICATE OF SERVICE

I, Sara Steck Myers, am over the age of 18 years and employed in the City and County of San Francisco. My business address is 122 - 28th Avenue, San Francisco, California 94121.

On November 13, 2007, I served the within document **POST-WORKSHOP COMMENTS OF THE CENTER FOR ENERGY EFFICIENCY AND RENEWABLE TECHNOLOGIES ON TRADABLE RENEWABLE ENERGY CREDITS**, in R.06-02-012, by electronic service on the service lists in R.06-02-012, R.06-05-027, R.06-04-009, and R.06-03-004 (attached), with a hard copy provided to ALJ Simon by U.S. Mail, as prescribed by Rule 1.10 of the Commission's Rules of Practice and Procedure and the ALJ's Ruling of October 16, 2007, at San Francisco, California.

Executed on November 13, 2007, at San Francisco, California.

/s/ SARA STECK MYERS

Sara Steck Myers

**R06-02-012, R06-05-027, R06-04-009, and R06-03-004
Service Lists
November 13, 2007**

R06-03-004

david.kopans@fatspaniel.com
jeff@grosolar.com
kmccrea@sablauw.com
info@solarpathfinder.com
manjusuri@yahoo.com
lglover@solidsolar.com
spatrick@sempra.com
hchoy@isd.co.la.ca.us
npedersen@hanmor.com
mmazur@3phasesRenewables.com
susan.munves@smgov.net
mluevano@globalgreen.org
ph@phatmedia.com
steve@energyinnovations.com
douglass@energyattorney.com
akbar.jazayeri@sce.com
amber.dean@sce.com
case.admin@sce.com
mike.montoya@sce.com
olivia.samad@sce.com
rkmoore@gswater.com
dfield@openenergycorp.com
michaely@sepcor.net
perkydanp@yahoo.com
troberts@sempra.com
andrew.mcallister@energycenter.org
irene.stillings@energycenter.org
lschavrien@semprautilities.com
gbeck@etfinancial.com
rod.larson@sbcglobal.net
rebates@recsolar.com
shallin@recsolar.com
Jacques@cerox.com
pepper@cleanpowermarkets.com
mdjoseph@adamsbroadwell.com
nsuetake@turn.org
stephen.morrison@sfgov.org
dil@cpuc.ca.gov
theresa.mueller@sfgov.org
emackie@gridalternative.org
matt.golden@sustainablespaces.com
ek@a-klaw.com
sls@a-klaw.com
jpross@votesolar.org
jwmctarnaghan@duanemorris.com

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dgulino@ridgewoodpower.com
rick_noger@praxair.com
keith.mccrea@sablauw.com
csmoots@perkinscoie.com
rresch@seia.org
lisa.decker@constellation.com
garson_knapp@fpl.com
ej_wright@oxy.com
stacy.aguayo@apses.com
jenine.schenk@apses.com
rsnichol@srpnet.com
rprince@semprautilities.com
dhuard@manatt.com
rkeen@manatt.com
bill.chen@constellation.com
energy@3phases.com
mmazur@3phasesRenewables.com
susan.munves@smgov.net
douglass@energyattorney.com
klatt@energyattorney.com
pssed@adelphia.net
pssed@adelphia.net
cathy.karlstad@sce.com
william.v.walsh@sce.com
kswitzer@gswater.com
kswitzer@gswater.com
amoore@ci.chula-vista.ca.us
customerrelations@sel.com
amsmith@sempra.com
fortlieb@sandiego.gov
email@semprasolutions.com
troberts@sempra.com
hharris@coral-energy.com
rwinthrop@pilotpowergroup.com
tdarton@pilotpowergroup.com
tdarton@pilotpowergroup.com
jleslie@luce.com
GloriaB@anzaelectric.org
wplaxico@heliosenergy.us
lalehs101@hotmail.com
kerry.eden@ci.corona.ca.us
thunt@cecmil.org
Joe.Langenberg@gmail.com
dorth@krcd.org
jaturmbu@ix.netcom.com

R06-05-027

dgulino@ridgewoodpower.com
rick_noger@praxair.com
keith.mccrea@sablauw.com
csmoots@perkinscoie.com
rresch@seia.org
garson_knapp@fpl.com
ssiegel@biologicaldiversity.org
kevin.boudreaux@calpine.com
ej_wright@oxy.com
stacy.aguayo@apses.com
rsnichol@srpnet.com
dsaul@pacificsolar.net
rprince@semprautilities.com
dhuard@manatt.com
rkeen@manatt.com
npedersen@hanmor.com
energy@3phases.com
mmazur@3phasesRenewables.com
susan.munves@smgov.net
douglass@energyattorney.com
klatt@energyattorney.com
pssed@adelphia.net
cathy.karlstad@sce.com
mike.montoya@sce.com
william.v.walsh@sce.com
kswitzer@gswater.com
rkmoore@gswater.com
amoore@ci.chula-vista.ca.us
customerrelations@sel.com
amsmith@sempra.com
fortlieb@sandiego.gov
email@semprasolutions.com
gbass@semprasolutions.com
svongdeuane@semprasolutions.com
troberts@sempra.com
liddell@energyattorney.com
marcie.milner@shell.com
rwinthrop@pilotpowergroup.com
tdarton@pilotpowergroup.com
GloriaB@anzaelectric.org
llund@commerceenergy.com
rgunnin@commerceenergy.com
wplaxico@heliosenergy.us
lalehs101@hotmail.com
kerry.eden@ci.corona.ca.us

R06-04-009

cadams@covantaenergy.com
steven.schleimer@barclayscapital.com
steven.huhman@morganstanley.com
rick_noger@praxair.com
keith.mccrea@sablauw.com
ajkatz@mwe.com
ckrupka@mwe.com
lisa.decker@constellation.com
cswoollums@midamerican.com
kevin.boudreaux@calpine.com
trdill@westernhubs.com
ej_wright@oxy.com
pseby@mckennalong.com
todil@mckennalong.com
steve.koerner@el Paso.com
jenine.schenk@apses.com
jbw@slwplc.com
kelly.barr@srpnet.com
rrtaylor@srpnet.com
smichel@westernresources.org
roger.montgomery@swgas.com
Lorraine.Paskett@ladwp.com
ron.deaton@ladwp.com
snewsom@semprautilities.com
dhuard@manatt.com
curtis.kebler@gs.com
dehling@king.com
gregory.koiser@constellation.com
npedersen@hanmor.com
mmazur@3phasesRenewables.com
vitaly.lee@aes.com
tiffany.rau@bp.com
klatt@energyattorney.com
rhelgeson@scppa.org
douglass@energyattorney.com
pssed@adelphia.net
akbar.jazayeri@sce.com
annette.gilliam@sce.com
cathy.karlstad@sce.com
Laura.Genao@sce.com
rkmoore@gswater.com
dwood8@cox.net
amsmith@sempra.com
atrial@sempra.com
apak@sempraglobal.com

placourciere@thelen.com	pepper@cleanpowermarkets.com	phil@reesechambers.com	dhecht@sempratrading.com
bcragg@goodinmacbride.com	marcel@turn.org	thunt@cecmail.org	daking@sempra.com
enriqueg@lif.org	stephen.morrison@sfgov.org	Joe.Langenberg@gmail.com	svongdeuane@semprasolutions.com
jsqueri@goodinmacbride.com	gtd@cpuc.ca.gov	dorth@krcd.org	troberts@sempra.com
jwiedman@goodinmacbride.com	nao@cpuc.ca.gov	jaturnbu@ix.netcom.com	liddell@energyattorney.com
mday@gmssr.com	theresa.mueller@sfgov.org	pepper@cleanpowermarkets.com	marcie.milner@shell.com
tmacbride@goodinmacbride.com	mhyams@sflower.org	bruce.foster@sce.com	rwinthrop@pilotpowergroup.com
jkarp@winston.com	ek@a-klaw.com	marcel@turn.org	tdarton@pilotpowergroup.com
sarहतuntland@yahoo.com	rsa@a-klaw.com	gtd@cpuc.ca.gov	lschavrien@semprautilities.com
rj9@pge.com	alhj@pge.com	stephen.morrison@sfgov.org	GloriaB@anzaelectric.org
sww9@pge.com	crmd@pge.com	ek@a-klaw.com	llund@commerceenergy.com
ssmyers@att.net	bill.chen@constellation.com	rsa@a-klaw.com	thunt@cecmail.org
l_brown246@hotmail.com	bcragg@goodinmacbride.com	alhj@pge.com	diane_fellman@fpl.com
arno@recurrentenergy.com	jsqueri@goodinmacbride.com	crmd@pge.com	jeanne.sole@sfgov.org
cp@kacosolar.com	jwiedman@goodinmacbride.com	cmb3@pge.com	john.hughes@sce.com
bkc7@pge.com	jkarp@winston.com	evk1@pge.com	llorenz@semprautilities.com
grant.kolling@cityofpaloalto.org	mday@goodinmacbride.com	ecl8@pge.com	marcel@turn.org
lex@consumercal.org	jkarp@winston.com	bill.chen@constellation.com	nsuetake@turn.org
gopal@recolteenergy.com	jeffgray@dwt.com	bcragg@goodinmacbride.com	dil@cpuc.ca.gov
info@calseia.org	sho@ogrady.us	jsqueri@goodinmacbride.com	fjs@cpuc.ca.gov
jharris@volkerlaw.com	MAFV@pge.com	jkarp@winston.com	achang@nrdc.org
lmerry@norcalsolar.org	ssmyers@worldnet.att.net	jeffgray@dwt.com	rsa@a-klaw.com
elarsen@rcmdigesters.com	gpetlin@3degreesinc.com	ssmyers@worldnet.att.net	ek@a-klaw.com
gmorris@emf.net	jhamrin@resource-solutions.org	arno@recurrentenergy.com	kgrenfell@nrdc.org
nonyac@greenlining.org	ECL8@pge.com	gpetlin@3degreesinc.com	mpa@a-klaw.com
robertg@greenlining.org	jchamberlin@strategicenergy.com	jhamrin@resource-solutions.org	sls@a-klaw.com
thaliag@greenlining.org	ralf1241a@cs.com	jchamberlin@strategicenergy.com	bill.chen@constellation.com
janice@strategenconsulting.com	wbooth@booth-law.com	ralf1241a@cs.com	bkc7@pge.com
gary@sunlightandpower.com	sherif@calpine.com	wbooth@booth-law.com	epoole@adplaw.com
tomb@crossborderenergy.com	jeremy.weinstein@pacificcorp.com	kowalewskia@calpine.com	agrimaldi@mckennalong.com
stephen@seiinc.org	jody_london_consulting@earthlink.net	sherif@calpine.com	bcragg@goodinmacbride.com
sebesq@comcast.net	cchen@ucsusa.org	jody_london_consulting@earthlink.net	jsqueri@gmssr.com
ctrader@energyrecommerce.com	gmorris@emf.net	elarsen@rcmdigesters.com	jarmstrong@goodinmacbride.com
ronnie@energyrecommerce.com	ndesnoo@ci.berkeley.ca.us	gmorris@emf.net	kbowen@winston.com
pnahi@pvisolutions.com	clyde.murley@comcast.net	ndesnoo@ci.berkeley.ca.us	lcottle@winston.com
michaelboyd@sbcglobal.net	jross@sungevity.com	clyde.murley@comcast.net	sbeatty@cwclaw.com
julie.blunden@sunpowercorp.com	tomb@crossborderenergy.com	jross@sungevity.com	vprabhakaran@goodinmacbride.com
rob@consol.ws	janreid@coastecon.com	nrader@calwea.org	jkarp@winston.com
meganmmyers@yahoo.com	johnredding@earthlink.net	tomb@crossborderenergy.com	jeffgray@dwt.com
johnredding@earthlink.net	jweil@aglet.org	janreid@coastecon.com	cjw5@pge.com
michaelkyes@sbcglobal.net	cmkehrin@ems-ca.com	meganmmyers@yahoo.com	ssmyers@att.net
vschwent@sbcglobal.net	jsanders@caiso.com	johnredding@earthlink.net	lars@resource-solutions.org
cmkehrin@ems-ca.com	jdalessi@navigantconsulting.com	jweil@aglet.org	alho@pge.com
jjensen@kirkwood.com	www@eslawfirm.com	cmkehrin@ems-ca.com	aweller@sel.com
glw@eslawfirm.com	abb@eslawfirm.com	jsanders@caiso.com	jchamberlin@strategicenergy.com
janmcfar@sonic.net	dcarroll@downeybrand.com	kdusel@navigantconsulting.com	beth@beth411.com
jluckhardt@downeybrand.com	dkk@eslawfirm.com	jdalessi@navigantconsulting.com	kerry.hattevik@mirant.com
j.marston@suntechnics.com	glw@eslawfirm.com	abb@eslawfirm.com	kowalewskia@calpine.com
ksoares@usc.edu	janmcfar@sonic.net	dgeis@dolphingroup.org	wbooth@booth-law.com
lmh@eslawfirm.com	steven@iepa.com	dcarroll@downeybrand.com	hoerner@redefiningprogress.org

www@eslawfirm.com
 www@eslawfirm.com
 cte@eslawfirm.com
 kmills@cfbf.com
 atrowbridge@daycartermurphy.com
 ksheldon@sma-america.com
 notice@psrec.coop
 markgsp@sbcglobal.net
 ryan.flynn@pacificcorp.com
 rogerlaubacher@pvpowered.com
 hfhunt@optonline.net
 michelle.breyer@gs.com
 obrienc@sharpsec.com
 rdennis@knowledgeinenergy.com
 cswoollums@midamerican.com
 jimross@r-c-s-inc.com
 tcarlson@reliant.com
 ghinners@reliant.com
 bbaker@summitblue.com
 kjsimonsen@ems-ca.com
 eshafner@solel.com
 kennyk@solel.com
 emello@sppc.com
 tdillard@sierrapacific.com
 robert.pettinato@ladwp.com
 cfaber@semprautilities.com
 Marshall.Taylor@dlapiper.com
 joel.davidson@sbcglobal.net
 akawnov@yahoo.com
 david@nemtzow.com
 tbardacke@globalgreen.org
 ron@releenergy.com
 sendo@ci.pasadena.ca.us
 slins@ci.glendale.ca.us
 THAMILTON5@CHARTER.NET
 David.Townley@townleytech.com
 bjeider@ci.burbank.ca.us
 roger.pelote@williams.com
 mponceatty@aol.com
 mkay@aqmd.gov
 paul.kubasek@sce.com
 jyamagata@semprautilities.com
 rishii@aesc-inc.com
 yonah@powerbreathing.com
 lwrazen@sempraglobal.com
 liddell@energyattorney.com
 mshames@ucan.org
 jim@dshsolar.com
 rob@teamryno.com
 usdepic@gmail.com
 ryan.flynn@pacificcorp.com
 karen.mcdonald@powerex.com
 sfinnerty@cpv.com
 dhecht@sempratrading.com
 bshort@ridgewoodpower.com
 steven.schleimer@barclayscapital.com
 ACRoma@hhlaw.com
 MASullivan@hhlaw.com
 obrienc@sharpsec.com
 vsuravarapu@cera.com
 porter@exeterassociates.com
 tjaffe@energybusinessconsultants.com
 ralph.dennis@constellation.com
 smindel@knowledgeinenergy.com
 cswoollums@midamerican.com
 ssiegel@biologicaldiversity.org
 abiecunasjp@bv.com
 ahendrickson@commerceenergy.com
 rmccoy@ercot.com
 jsniffen@elementmarkets.com
 bbaker@summitblue.com
 kjsimonsen@ems-ca.com
 stacy.aguayo@apses.com
 dsaul@pacificsolar.net
 ericj@eslawfirm.com
 chilen@sppc.com
 emello@sppc.com
 tdillard@sierrapacific.com
 jgreco@caithnessenergy.com
 elizabeth.douglass@latimes.com
 harveyederpspc.org@hotmail.com
 steve@energyinnovations.com
 jackmack@suesec.com
 David.Townley@townleytech.com
 case.admin@sce.com
 frank.w.harris@sce.com
 gary.allen@sce.com
 woodrujb@sce.com
 lizbeth.mcdannel@sce.com
 rkmoore@gswater.com
 Dan@EnergySmartHomes.net
 daking@sempra.com
 lwrazen@sempraglobal.com
 tcorr@sempra.com
 ygross@sempraglobal.com
 liddell@energyattorney.com
 mshames@ucan.org
 scottanders@sandiego.edu
 marcie.milner@shell.com
 centralfiles@semprautilities.com
 davidb@cwo.com
 janmcfar@sonic.net
 jhofmann@rcrcnet.org
 www@eslawfirm.com
 lmh@eslawfirm.com
 kmills@cfbf.com
 notice@psrec.coop
 ryan.flynn@pacificcorp.com
 karen.mcdonald@powerex.com
 bshort@ridgewoodpower.com
 steven.schleimer@barclayscapital.com
 obrienc@sharpsec.com
 vsuravarapu@cera.com
 porter@exeterassociates.com
 tjaffe@energybusinessconsultants.com
 ralph.dennis@constellation.com
 cswoollums@midamerican.com
 abiecunasjp@bv.com
 ahendrickson@commerceenergy.com
 tcarlson@reliant.com
 echiang@elementmarkets.com
 jon.jacobs@paconsulting.com
 bbaker@summitblue.com
 kjsimonsen@ems-ca.com
 jenine.schenk@apses.com
 emello@sppc.com
 tdillard@sierrapacific.com
 jgreco@caithnessenergy.com
 HYao@SempraUtilities.com
 harveyederpspc.org@hotmail.com
 steve@energyinnovations.com
 THAMILTON5@CHARTER.NET
 jackmack@suesec.com
 case.admin@sce.com
 frank.w.harris@sce.com
 gary.allen@sce.com
 woodrujb@sce.com
 lizbeth.mcdannel@sce.com
 kswitzer@gswater.com
 aabed@navigantconsulting.com
 lwrazen@sempraglobal.com
 tcorr@sempra.com
 mshames@ucan.org
 scottanders@sandiego.edu
 centralfiles@semprautilities.com
 cmanzuk@semprautilities.com
 susan.freedman@sdenergy.org
 dnierhaus@semprautilities.com
 jleslie@luce.com
 csteen@bakerlaw.com
 janill.richards@doj.ca.gov
 cchen@ucsusa.org
 gmorris@emf.net
 tomb@crossborderenergy.com
 kinnovation@earthlink.net
 bmcc@mccarthylaw.com
 sberlin@mccarthylaw.com
 Mike@alpinenaturalgas.com
 joyw@mid.org
 UHelman@caiso.com
 jjensen@kirkwood.com
 mary.lynch@constellation.com
 lrdevanna-rl@cleanenergysystems.com
 abb@eslawfirm.com
 mclaughlin@braunlegal.com
 glw@eslawfirm.com
 jluckhardt@downeybrand.com
 jdth@eslawfirm.com
 vwelch@environmentaldefense.org
 www@eslawfirm.com
 westgas@aol.com
 scohn@smud.org
 atrowbridge@daycartermurphy.com
 dansvec@hdo.net
 notice@psrec.coop
 deb@a-klaw.com
 cynthia.schultz@pacificcorp.com
 kyle.l.davis@pacificcorp.com
 ryan.flynn@pacificcorp.com
 carter@ieta.org
 jason.dubchak@niskags.com
 bjones@mjb Bradley.com
 kcolburn@symbioticstrategies.com
 rapcowart@aol.com
 Kathryn.Wig@nrgenergy.com
 sasteriadis@apx.com
 george.hopley@barcap.com
 ez@pointcarbon.com
 burtraw@rff.org
 vb@pointcarbon.com
 kyle_boudreaux@fpl.com
 andrew.bradford@constellation.com
 gbarch@knowledgeinenergy.com
 ralph.dennis@constellation.com
 smindel@knowledgeinenergy.com
 brabe@umich.edu
 bpotts@foley.com
 james.keating@bp.com
 Cynthia.A.Fonner@constellation.com
 jimross@r-c-s-inc.com

scottanders@sandiego.edu	dniehaus@semprautilities.com	jleblanc@bakerlaw.com	tcarlson@reliant.com
CManson@semprautilities.com	billm@enxco.com	michaelgilmore@inlandenergy.com	ghinners@reliant.com
cmanzuk@semprautilities.com	csteen@bakerlaw.com	hal@rwitz.net	zaiontj@bp.com
jennifer.porter@energycenter.org	jleblanc@bakerlaw.com	mdjoseph@adamsbroadwell.com	julie.martin@bp.com
john.supp@energycenter.org	michaelgilmore@inlandenergy.com	wblattner@semprautilities.com	fiji.george@elpaso.com
jon.bonk-vasko@energycenter.org	hal@rwitz.net	diane_fellman@fpl.com	echiang@elementmarkets.com
nathalie.osborn@energycenter.org	mdjoseph@adamsbroadwell.com	nsuetake@turn.org	fstern@summitblue.com
sephra.ninow@energycenter.org	wblattner@semprautilities.com	Dan.adler@calcef.org	nenbar@energy-insights.com
bob.ramirez@itron.com	diane_fellman@fpl.com	mhyams@sflower.org	nlenssen@energy-insights.com
ofoote@hkcfc-law.com	nsuetake@turn.org	whgolove@chevron.com	bbaker@summitblue.com
ekgrubbaugh@iid.com	bfinkelstein@turn.org	dwang@nrdc.org	william.tomlinson@elpaso.com
donaldrooker@bves.com	Dan.adler@calcef.org	dcover@esassoc.com	kjsimonsen@ems-ca.com
traceydrabant@bves.com	whgolove@chevron.com	filings@a-klaw.com	Sandra.ely@state.nm.us
gwiltsee@dricompanies.com	dwang@nrdc.org	sls@a-klaw.com	bmcquown@reliant.com
MLungi@energycoalition.org	dcover@esassoc.com	sdhilton@stoel.com	dbrooks@nevpc.com
TFlanigan@EcoMotion.us	jamesstack@fscgroup.com	snuller@ethree.com	anita.hart@swgas.com
LowryD@sharpsec.com	filings@a-klaw.com	abonds@thelen.com	randy.sable@swgas.com
johnperlin@physics.ucsb	sls@a-klaw.com	ell5@pge.com	bill.schrand@swgas.com
jlандeros@proteusinc.org	sdhilton@stoel.com	jay2@pge.com	jj.prucnal@swgas.com
eddie@proteusinc.org	snuller@ethree.com	jsp5@pge.com	sandra.carolina@swgas.com
paul@cerox.com	abonds@thelen.com	lennyh@evomarkets.com	ckmitchell1@sbcglobal.net
lfultz@sbcglobal.net	evk1@pge.com	mreicher@evomarkets.com	chilen@sppc.com
mstout@unlimited-energy.com	gcooper@cpv.com	placourciere@thelen.com	emello@sppc.com
marigruner@yahoo.com	lennyh@evomarkets.com	kfox@wsgr.com	tdillard@sierrapacific.com
zingher@ieee.org	mfalls@cpv.com	nrx2@pge.com	dsoyars@sppc.com
mark.mah@glunetworks.com	pvalien@thelen.com	cem@newsdata.com	jgreco@caithnessenergy.com
diane_fellman@fpl.com	lawcpuccases@pge.com	cem@newsdata.com	fluchetti@ndep.nv.gov
pns@cpuc.ca.gov	spauker@wsgr.com	jscancarelli@flk.com	leilani.johnson@ladwp.com
felazzouzi@gridalternatives.org	vjw3@pge.com	koconnor@winston.com	randy.howard@ladwp.com
fsmith@sflower.org	nrx2@pge.com	judypau@dwt.com	Robert.Rozanski@ladwp.com
mhyams@sflower.org	rreinhard@mofo.com	bobgex@dwt.com	robert.pettinato@ladwp.com
zfranklin@gridalternatives.org	cem@newsdata.com	sho@ogrady.us	HYao@SempraUtilities.com
filings@a-klaw.com	cem@newsdata.com	cpuccases@pge.com	rprince@semprautilities.com
sdhilton@stoel.com	jscancarelli@flk.com	gxl2@pge.com	rkeen@manatt.com
abonds@thelen.com	judypau@dwt.com	KEBD@pge.com	nwhang@manatt.com
scott.son@newresourcebank.com	bobgex@dwt.com	MMCL@pge.com	pjazayeri@stroock.com
kfox@wsgr.com	lisa_weinzimer@platts.com	S1L7@pge.com	derek@climaterestry.org
matt.scullin@newresourcebank.com	cpuccases@pge.com	vjw3@pge.com	david@nemtzw.com
srrd@pge.com	arno@recurrentenergy.com	rwalther@pacbell.net	harveyederpspc.org@hotmail.com
david.felix@mmarenew.com	ELL5@pge.com	procos@alamedapt.com	sendo@ci.pasadena.ca.us
CEM@newsdata.com	gxl2@pge.com	keithwhite@earthlink.net	slins@ci.glendale.ca.us
david@pvnow.com	KEBD@pge.com	jpigott@optisolar.com	THAMILTON5@CHARTER.NET
jhamrin@resource-solutions.org	MMCL@pge.com	andy.vanhorn@vhcenergy.com	bjeider@ci.burbank.ca.us
jwwd@pge.com	S1L7@pge.com	duggank@calpine.com	rmorillo@ci.burbank.ca.us
LATc@pge.com	rwalther@pacbell.net	robert.boyd@ps.ge.com	roger.pelote@williams.com
hrichman@stanford.edu	procos@alamedapt.com	phanschen@mofo.com	aimee.barnes@ecosecurities.com
ben@solarcity.com	keithwhite@earthlink.net	pthompson@summitblue.com	case.admin@sce.com
jpigott@gen3solar.com	jpigott@optisolar.com	pletkarj@bv.com	tim.hemig@nrgenergy.com
cpucsolar@rahus.org	andy.vanhorn@vhcenergy.com	dietrichlaw2@earthlink.net	bjl@bry.com
tomhoff@clean-power.com	rick_noger@praxair.com	nellie.tong@us.kema.com	aldyn.hoekstra@paceglobal.com

andy.vanhorn@vhcenergy.com	kowalewskia@calpine.com	ramonag@ebmud.com	ygross@sempraglobal.com
sewayland@comcast.net	duggank@calpine.com	paulfenn@local.org	jlaun@apogee.net
josephhenri@hotmail.com	phanschen@mofo.com	mrw@mrwassoc.com	kmkiener@fox.net
pthompson@summitblue.com	pthompson@summitblue.com	bepstein@fablaw.com	scottanders@sandiego.edu
dietrichlaw2@earthlink.net	pletkarj@bv.com	cwooten@lumenxconsulting.com	jkloberdanz@semprautilities.com
ted@energy-solution.com	philha@astound.net	rschmidt@bartlewells.com	andrew.mcallister@energycenter.org
nehemiah.stone@kema.com	dietrichlaw2@earthlink.net	adam@greenlining.org	jack.burke@energycenter.org
nellie.tong@us.kema.com	nellie.tong@us.kema.com	cchen@ucsusa.org	jennifer.porter@energycenter.org
karin.corfee@kema.com	ramonag@ebmud.com	janice@strategenconsulting.com	sephra.ninow@energycenter.org
phillip_mcleod@lecg.com	pdh9@columbia.edu	timmason@comcast.net	dniehaus@semprautilities.com
jody_london_consulting@earthlink.net	paulfenn@local.org	brenda.lemay@horizonwind.com	jleslie@luce.com
ciee@ucop.edu	mrw@mrwassoc.com	elvine@lbl.gov	ofoote@hkcflaw.com
mrw@mrwassoc.com	bepstein@fablaw.com	rhwiser@lbl.gov	ekgrubaugh@iid.com
ken.krich@ucop.edu	cwooten@lumenxconsulting.com	brian@banyansec.com	pepper@cleanpowermarkets.com
rschmidt@bartlewells.com	rschmidt@bartlewells.com	dowen@ma.org	gsmith@adamsbroadwell.com
adam@greenlining.org	elarsen@rcmdigesters.com	DCCDG@pge.com	mdjoseph@adamsbroadwell.com
bobakr@greenlining.org	janice@strategenconsulting.com	lynn@lmaconsulting.com	hayley@turn.org
cchen@ucsusa.org	brenda.lemay@horizonwind.com	tim@marinemt.org	mflorio@turn.org
stephaniec@greenlining.org	nrader@calwea.org	cpechman@powereconomics.com	Dan.adler@calcef.org
ksmith@powerlight.com	rhwiser@lbl.gov	sobrien@mccarthyaw.com	mhyams@sfwater.org
kate@sunlightandpower.com	brad@mp2capital.com	davido@mid.org	tburke@sfwater.org
Sarah@sunlightandpower.com	michael@mp2capital.com	joyw@mid.org	norman.furuta@navy.mil
elvine@lbl.gov	whitney@mp2capital.com	brbarkovich@earthlink.net	amber@ethree.com
GLBarbose@LBL.gov	brian@banyansec.com	rmccann@umich.edu	annabelle.malins@fco.gov.uk
mwbeck@lbl.gov	dowen@ma.org	demorse@omsoft.com	dwang@nrdc.org
MABolinger@lbl.gov	lynn@lmaconsulting.com	e-recipient@caiso.com	filings@a-klaw.com
NJPadgett@lbl.gov	sberlin@mccarthyaw.com	grosenblum@caiso.com	nes@a-klaw.com
rhwiser@lbl.gov	davido@mid.org	saeed.farrokhpay@ferc.gov	obystrom@cera.com
knotsund@berkeley.edu	tomk@mid.org	dennis@ddecuir.com	sdhilton@stoel.com
Dan.Thompson@SPGSolar.com	joyw@mid.org	kevin@solardevelop.com	scarter@nrdc.org
eric.carlson@spgsolar.com	brbarkovich@earthlink.net	david.oliver@navigantconsulting.com	abonds@thelen.com
iris.chan@spgsolar.com	rmccann@umich.edu	kenneth.swain@navigantconsulting.com	cbaskette@enernoc.com
joelene.monestier@spgsolar.com	demorse@omsoft.com	cpucrulings@navigantconsulting.com	colin.petheram@att.com
darmanino@co.marin.ca.us	e-recipient@caiso.com	lpark@navigantconsulting.com	jwmctarnaghan@duanemorris.com
juliettea7@aol.com	grosenblum@caiso.com	karly@solardevelop.com	kfox@wsgr.com
dowen@ma.org	saeed.farrokhpay@ferc.gov	dougdpucmail@yahoo.com	kkhoja@thelenreid.com
rb@greenrockcapital.com	dennis@ddecuir.com	jig@eslawfirm.com	pvalen@thelen.com
cdickason@solarcraft.com	kevin@solardevelop.com	mclaughlin@braunlegal.com	spauker@wsgr.com
barbara@earthskysolar.com	david.oliver@navigantconsulting.com	dkk@eslawfirm.com	rreinhard@mofo.com
sberlin@mccarthyaw.com	kdusel@navigantconsulting.com	jluckhardt@downeybrand.com	cem@newsdata.com
chris@mid.org	cpucrulings@navigantconsulting.com	pstoner@lgc.org	hgolub@nixonpeabody.com
njfolly@tid.org	lpark@navigantconsulting.com	rachel@ceert.org	jscancarelli@flk.com
nick@npcsolar.com	dougdpucmail@yahoo.com	blaising@braunlegal.com	jwiedman@goodinmacbride.com
rob@dcpower-systems.com	jig@eslawfirm.com	steveb@cwo.com	mmattes@nossaman.com
janh@pacpower.biz	mclaughlin@braunlegal.com	steven@iepa.com	jen@cnt.org
lmerry1@yahoo.com	dseperas@calpine.com	rroth@smud.org	lisa_weinzimer@platts.com
rmccann@umich.edu	pstoner@lgc.org	mdeange@smud.org	steven@moss.net
demorse@omsoft.com	bernardo@braunlegal.com	vwood@smud.org	sellis@fypower.org
saeed.farrokhpay@ferc.gov	blaising@braunlegal.com	hurlock@water.ca.gov	arno@recurrentenergy.com
kdusel@navigantconsulting.com	lmh@eslawfirm.com	lterry@water.ca.gov	ELL5@pge.com

cpucrulings@navigantconsulting.com	rroth@smud.org	rlauckhart@globalenergy.com	gx12@pge.com
gpickering@navigantconsulting.com	mlemes@smud.org	rliebert@cfbf.com	jxa2@pge.com
lpark@navigantconsulting.com	mdeange@smud.org	karen@klindh.com	JDF1@PGE.COM
scott.tomashefsky@ncpa.com	vwood@smud.org	californiadockets@pacificcorp.com	RHHJ@pge.com
george@utilityconservationservices.com	rlauckhart@globalenergy.com	kyle.l.davis@pacificcorp.com	sscb@pge.com
karly@solardevelop.com	karen@klindh.com	dws@r-c-s-inc.com	svs6@pge.com
bernadette@environmentcalifornia.org	californiadockets@pacificcorp.com	castille@landsenergy.com	S1L7@pge.com
dcarroll@downeybrand.com	kyle.l.davis@pacificcorp.com	MoniqueStevenson@SeaBreezePower.com	vjw3@pge.com
d.miller@suntechnics.com	cbreidenich@yahoo.com	ab1@cpuc.ca.gov	karla.dailey@cityofpaloalto.org
h.dowling@suntechnics.com	dws@r-c-s-inc.com	as2@cpuc.ca.gov	farrokh.albuyeh@oati.net
jwimbley@csd.ca.gov	castille@landsenergy.com	aes@cpuc.ca.gov	dtibbs@aes4u.com
rachel@ceert.org	pbrehm@infiniacorp.com	aeg@cpuc.ca.gov	jhahn@covantaenergy.com
Sgupta@energy.state.ca.us	ab1@cpuc.ca.gov	blm@cpuc.ca.gov	andy.vanhorn@vhcenergy.com
mrawson@smud.org	as2@cpuc.ca.gov	bds@cpuc.ca.gov	Joe.paul@dynegy.com
sfrantz@smud.org	aes@cpuc.ca.gov	bwm@cpuc.ca.gov	info@calseia.org
abcstaterobbyist@sbcglobal.net	aeg@cpuc.ca.gov	cnl@cpuc.ca.gov	gblue@enxco.com
karen@klindh.com	blm@cpuc.ca.gov	ctd@cpuc.ca.gov	sbeserra@sbcglobal.net
Tenorio@sunset.net		dsh@cpuc.ca.gov	monica.schwebs@bingham.com
deb@a-klaw.com		dot@cpuc.ca.gov	phanschen@mofo.com
californiadockets@pacificcorp.com		esl@cpuc.ca.gov	josephhenri@hotmail.com
kyle.l.davis@pacificcorp.com		fjs@cpuc.ca.gov	pthompson@summitblue.com
George.Simons@itron.com		jm3@cpuc.ca.gov	dietrichlaw2@earthlink.net
jack.burke@energycenter.org		jjw@cpuc.ca.gov	Betty.Seto@kema.com
arr@cpuc.ca.gov		jxm@cpuc.ca.gov	JerryL@abag.ca.gov
as2@cpuc.ca.gov		jf2@cpuc.ca.gov	jody_london_consulting@earthlink.net
aes@cpuc.ca.gov		jmh@cpuc.ca.gov	steve@schiller.com
tam@cpuc.ca.gov		mrl@cpuc.ca.gov	mrw@mrwassoc.com
dsh@cpuc.ca.gov		mjd@cpuc.ca.gov	rschmidt@bartlewells.com
dot@cpuc.ca.gov		mts@cpuc.ca.gov	adamb@greenlining.org
jm3@cpuc.ca.gov		ner@cpuc.ca.gov	stevek@kromer.com
jjw@cpuc.ca.gov		nil@cpuc.ca.gov	clyde.murley@comcast.net
jxm@cpuc.ca.gov		nao@cpuc.ca.gov	brenda.lemay@horizonwind.com
cln@cpuc.ca.gov		psd@cpuc.ca.gov	carla.peterman@gmail.com
jci@cpuc.ca.gov		smk@cpuc.ca.gov	elvine@lbl.gov
jf2@cpuc.ca.gov		svn@cpuc.ca.gov	rhwisser@lbl.gov
lp1@cpuc.ca.gov		tbo@cpuc.ca.gov	C_Mamay@1b1.gov
meb@cpuc.ca.gov		skorosec@energy.state.ca.us	philm@scdenergy.com
mvc@cpuc.ca.gov		JMcMahon@navigantconsulting.com	rita@ritanortonconsulting.com
mts@cpuc.ca.gov		claufenb@energy.state.ca.us	cpechman@powereconomics.com
nlc@cpuc.ca.gov		claufenb@energy.state.ca.us	emahlon@ecoact.org
pw1@cpuc.ca.gov		cleni@energy.state.ca.us	richards@mid.org
psd@cpuc.ca.gov		hrait@energy.state.ca.us	rogerv@mid.org
sk2@cpuc.ca.gov		kzocchet@energy.state.ca.us	tomk@mid.org
tdp@cpuc.ca.gov		mpryor@energy.state.ca.us	fwmonier@tid.org
ppettingill@caiso.com		rmiller@energy.state.ca.us	brbarkovich@earthlink.net
mscheibl@arb.ca.gov			johnrredding@earthlink.net
gyee@arb.ca.gov			clark.bernier@rlw.com
brd@cpuc.ca.gov			rmccann@umich.edu
dks@cpuc.ca.gov			cmkehrein@ems-ca.com
edward.randolph@asm.ca.gov			e-recipient@caiso.com

pnarvand@energy.state.ca.us
rberke@csd.ca.gov
smiller@energy.state.ca.us
zca@cpuc.ca.gov

grosenblum@caiso.com
rsmutny-jones@caiso.com
saeed.farrokhpay@ferc.gov
david@branchcomb.com
kenneth.swain@navigantconsulting.com
kdusel@navigantconsulting.com
gpickering@navigantconsulting.com
lpark@navigantconsulting.com
davidreynolds@ncpa.com
scott.tomashefsky@ncpa.com
ewolfe@resero.com
Audra.Hartmann@Dynergy.com
Bob.lucas@calobby.com
curt.barry@iwpnews.com
danskopec@gmail.com
dseperas@calpine.com
dave@ppallc.com
dkk@eslawfirm.com
wynne@braunlegal.com
kgough@calpine.com
kellie.smith@sen.ca.gov
kdw@woodruff-expert-services.com
mwaugh@arb.ca.gov
pbarthol@energy.state.ca.us
pstoner@lgc.org
rachel@ceert.org
bernardo@braunlegal.com
steven@lipmanconsulting.com
steven@iepa.com
wtasat@arb.ca.gov
etiedemann@kmtg.com
ltenhope@energy.state.ca.us
bushinskyj@pewclimate.org
lmh@eslawfirm.com
obartho@smud.org
bbeebe@smud.org
bpurewal@water.ca.gov
dmacmill@water.ca.gov
kmills@cfbf.com
karen@klindh.com
ehadley@reupower.com
Denise_Hill@transalta.com
sas@a-klaw.com
egw@a-klaw.com
akelly@climatetrust.org
alan.comnes@nrgenergy.com
kyle.silon@ecosecurities.com
californiadockets@pacificorp.com
Philip.H.Carver@state.or.us
samuel.r.sadler@state.or.us

lisa.c.schwartz@state.or.us
cbreidenich@yahoo.com
dws@r-c-s-inc.com
jesus.arredondo@nrgenergy.com
charlie.blair@delta-ee.com
karen.mcdonald@powerex.com
clarence.binninger@doj.ca.gov
david.zonana@doj.ca.gov
agc@cpuc.ca.gov
aeg@cpuc.ca.gov
blm@cpuc.ca.gov
cf1@cpuc.ca.gov
cft@cpuc.ca.gov
tam@cpuc.ca.gov
dsh@cpuc.ca.gov
edm@cpuc.ca.gov
cpe@cpuc.ca.gov
hym@cpuc.ca.gov
hs1@cpuc.ca.gov
jm3@cpuc.ca.gov
jnm@cpuc.ca.gov
jbf@cpuc.ca.gov
jk1@cpuc.ca.gov
jst@cpuc.ca.gov
jtp@cpuc.ca.gov
jol@cpuc.ca.gov
jci@cpuc.ca.gov
jf2@cpuc.ca.gov
krd@cpuc.ca.gov
lrm@cpuc.ca.gov
ltt@cpuc.ca.gov
mjd@cpuc.ca.gov
ner@cpuc.ca.gov
pw1@cpuc.ca.gov
psp@cpuc.ca.gov
pzs@cpuc.ca.gov
rmm@cpuc.ca.gov