

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

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

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

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**COMMENTS ON THE JOINT CALIFORNIA PUBLIC UTILITIES
COMMISSION AND CALIFORNIA ENERGY COMMISSION STAFF
PROPOSAL FOR AN ELECTRICITY RETAIL PROVIDER GHG REPORTING
PROTOCOL OF THE CENTER FOR RESOURCE SOLUTIONS**

July 2, 2007

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PROTOCOL OF THE CENTER FOR RESOURCE SOLUTIONS**

INTRODUCTION

The Center for Resource Solutions (CRS) respectfully submits the following comments on the *Joint California Public Utilities Commission and California Energy Commission Staff Proposal for an Electricity Retail Provider GHG Reporting Protocol (Protocol)*.

We applaud the effort by the California Public Utilities Commission (CPUC) and California Energy Commission (CEC) to resolve the issues related to determining the emission characteristics of electricity served in California. Our comments are focused on issues related to the potential for double counting of emission benefits. The Protocol should strive to avoid double counting in order to ensure the environmental objectives of a load-based greenhouse gas cap on the electricity sector in California are met.

PROTOCOL PRINCIPLES

We agree with the criteria listed by staff in Section 2.3.¹ However, there are no criteria stipulating the critical importance of avoiding double counting of emission claims. As the Protocol details, the electricity sector that is to be covered by the Protocol spans several states and is characterized by a variety of power-delivery and contract structures that make it difficult to define one method of reporting for all sources. These same characteristics also mean that there is a serious and very real potential for double counting of emission benefits. One example is the double counting of net zero/low emission characteristics from net zero/low emitting resources (for example renewable energy or combined cycle natural gas) in the covered region. The Protocol should add criteria that will seek to avoid this kind of double counting. In our comments below we

¹ CPUC/CEC: *Joint California Public Utilities Commission and California Energy Commission Staff Proposal for an Electricity Retail Provider GHG Reporting Protocol*: p. 6-8

will address how double counting of emission benefits can be avoided for renewable energy resources.

RENEWABLE ENERGY

California's efforts to set a cap for the electricity sector will undoubtedly increase the demand for renewable energy generation in the region. However, it is very important that the benefits of the renewable energy generation will not be double counted. The development and recent launch (June 26, 2007) of the Western Renewable Energy Generation Information System (WREGIS) provides an option for limiting the double counting of emission benefits from renewable energy

Trading of renewable energy

In California and its neighboring states there is a viable trading market for renewable energy certificates. This market serves load-serving entities and electricity marketers that procure RECs to meet Renewable Portfolio Standards, to supply green pricing programs or to meet various voluntary environmental objectives. While issues related to the treatment of RPS and green pricing programs under a load-based cap still have to be resolved it is important to be pro-active in avoiding any potential for double counting claims from renewable energy generation. We suggest that this can be done by requiring that the net zero-emission characteristics from renewable generation can only be counted if the RECs belong to and are retired by the reporting entity. Using the classifications used in Table ES-1 of the Protocol² we would propose adopting the following approach for accounting for power purchases from renewable energy resources:

In-state specified source:

The reporting entity can only report the net-zero emissions from the renewable energy facility if the RECs associated with the electricity generation are owned by the reporting entity and have been retired in their appropriate WREGIS account.

² CPUC/CEC: *Joint California Public Utilities Commission and California Energy Commission Staff Proposal for an Electricity Retail Provider GHG Reporting Protocol*: p. vii

Out-of-state specified source:

The reporting entity can only report the net-zero emissions from the renewable energy facility if the RECs associated with the electricity generation are owned by the reporting entity and have been retired in their appropriate WREGIS account.

Out-of-state specified sellers:

The seller can only include the net-zero emissions from the renewable energy facility as part of their system average certification if RECs associated with the electricity generation are owned by the seller and have been retired in their appropriate WREGIS account.

The calculation of default factors for the CAISO markets and the in-state unspecified market would not be affected. In calculating the Northwest and Southwest unspecified marginal generation factors the Protocol should consider the issue of claimed resources carefully to be sure claimed resources are not included in the calculation of default factors. The Protocol references working with Washington and Oregon to “exclude generation otherwise claimed to serve native load.”³ Part of the claimed resources discussion is the issue of how to deal with null power. Null power is defined as the electricity generated from a renewable energy resource but where the renewable and environmental attributes (WREGIS RECs) have been sold to another party. In this case, the electricity (null power) should be considered system power with system average emission characteristics in order to avoid double counting of environmental benefits.

CONCLUSION

The Center for Resource Solutions appreciates the opportunity to comment. It is of utmost importance that the system established for California is robust and has environmental integrity. That is why our comments are focused on the issue of double

³ CPUC/CEC: *Joint California Public Utilities Commission and California Energy Commission Staff Proposal for an Electricity Retail Provider GHG Reporting Protocol*: p. vii

counting emission characteristics. The excellent work of the CEC in establishing WREGIS is the perfect tool for providing a solution that will avoid the net-zero emission benefits from renewable energy generation from being double counted.

Dated July 2, 2007, at San Francisco, California.

Respectfully Submitted,

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CERTIFICATE OF SERVICE

I, Lars Kvale, hereby declare that:

I am employed in the County of San Francisco, State of California. I am over the age of eighteen years. My business address is the Center for Resource Solutions, Presidio Building 97, P.O. Box 29512, San Francisco, CA 94129; telephone 415-561-2110; e-mail: lars@resource-solutions.org

I hereby certify that I have this day served a copy of the “Comments on Joint California Public Utilities Commission and California Energy Commission Staff Proposal for an Electricity Retail Provider GHG Reporting Protocol of the Center for Resource Solutions” in the matter of R.06-04-009 to all parties listed on the service list of this proceeding by delivering a copy via email or by mailing a copy properly addressed with first class postage prepaid.

I declare under penalty of perjury that the foregoing is true and correct and that This declaration was executed on July 2, 2007 at San Francisco, California.

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