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<b>Document Title:</b>	Todd Jones Comments Slides from 4-17-17 meeting with CRS and CEC
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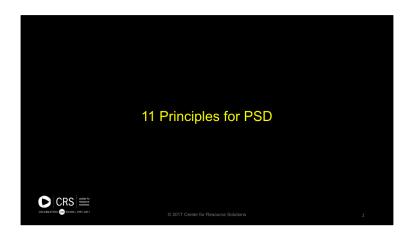
Comment Received From: Todd Jones

Submitted On: 4/19/2017 Docket Number: 16-0IR-05

# Slides from 4/17/2017 meeting with CRS and CEC

Additional submitted attachment is included below.





## Principle

 PSD should reflect the attributes of delivered electricity (generation that is used by the reporting entity to serve retail load)—fuel type and emissions attributes that can be claimed by customers.



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"information regarding fuel sources for electric generation offered for retail sale"
"information on the sources of energy [...] that are used to provide electric services"

"Every retail supplier that makes an offering to sell electricity that is consumed in California shall disclose its electricity sources"

"The disclosures required by this section shall be made to potential end-use consumers in all product-specific written promotional materials that are distributed to consumers"

"The disclosures required by this section shall be made annually to end-use consumers of the offered electricity."

"The disclosures required by this section shall be made separately for each portfolio offering made by the retail supplier."

"A retail supplier's disclosure of its electricity sources shall be expressed as a percentage of annual sales."

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The Greenhouse Gas Protocol (WRI/WBCSD)

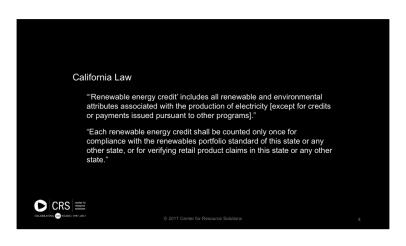
"Utility-specific emission factors shall be calculated based on delivered electricity, incorporating certificates sourced and retired on behalf of its customers."

"The supplier-specific emission factor includes emissions from all the energy delivered by the utility, not just the generation assets owned by the supplier (e.g. what is required by some fuel mix disclosure rules)."



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#### California Law and WREGIS Terms of Use

"The [...] Energy Commission shall ensure that the tracking system [...] can ensure that renewable energy credits shall not be double counted by any seller of electricity within the service territory of the WECC."

"The Energy Commission shall [...] Design and implement an accounting system [...] to verify retail product claims in this state or any other state."

"A WREGIS Certificate (also called a renewable energy credit) represents all Renewable and Environmental Attributes from MWh of electricity generation [...]. [...] Disaggregation of Certificates is not currently allowed within WREGIS."

"Renewable and Environmental Attributes: Any and all credits, benefits, emissions reductions, offsets, and allowances–howsoever titled–attributable to the generation from the Generating Unit, and its avoided emission of polituants."

"WREGIS Certificates are 'Whole Certificates."



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#### U.S. Federal Trade Commission

"If a marketer generates renewable electricity but sells renewable energy certificates for all of that electricity, it would be deceptive for the marketer to represent, directly or by implication, that it uses renewable energy."

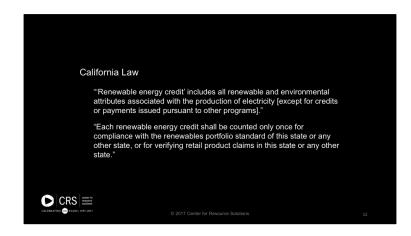
"By selling RECs, a company has transferred its right to characterize its electricity as renewable."

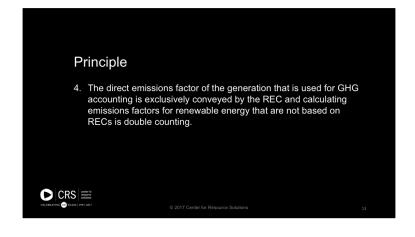
"the Commission [...] did warn that power providers that sell null electricity to their customers, but sell RECs based on that electricity to another party, should keep in mind that their customers may mistakenly believe the electricity they purchase is renewable, when legally it is not."

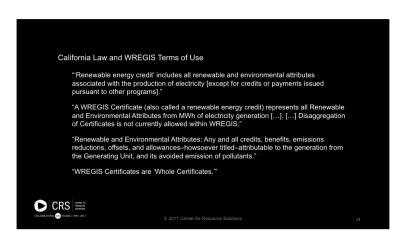


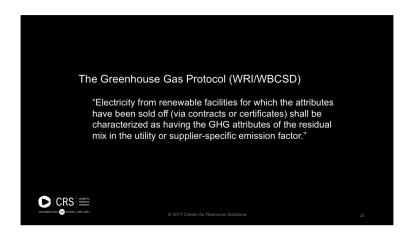
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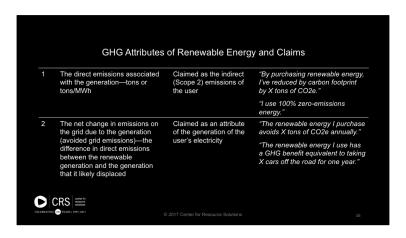


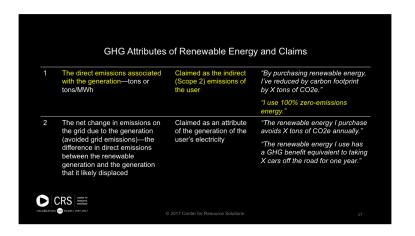




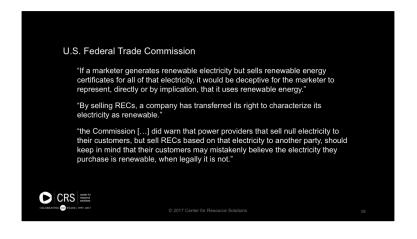




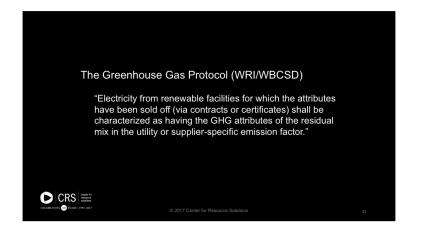


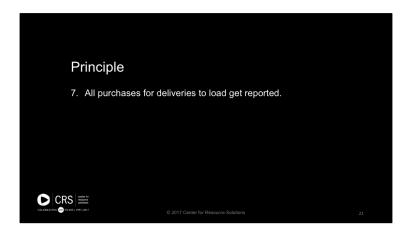


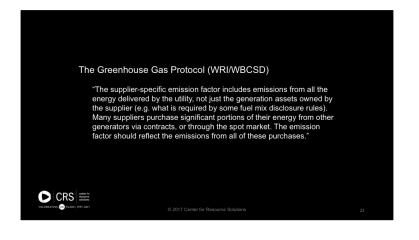


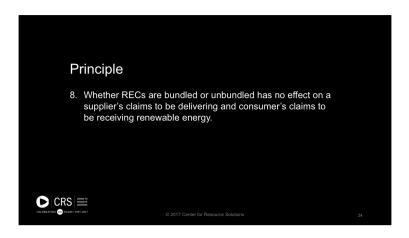












### U.S. Federal Trade Commission

"Non-renewable energy matched with renewable energy certificates likely meets consumer expectations created by a renewable energy claim. Therefore, the Commission now revises this guidance to advise that marketers may make unqualified claims when they purchase RECs to match their use of non-renewable energy."



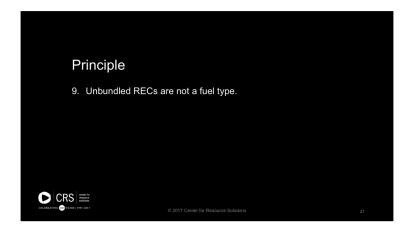
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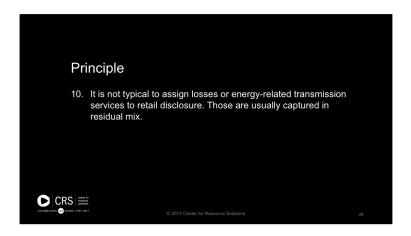
U.S. Environmental Protection Agency, U.S. Department of Energy, World Resources Institute, CRS

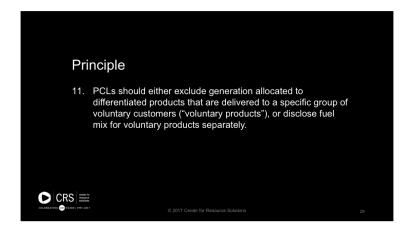
"RECs may be sold 'bundled'—paired by the electric service provider with grid electricity delivered to the buyer—or 'unbundled' from electricity as a stand-alone product and paired by the buyer with its grid electricity purchase. RECs combined with plain grid electricity are functionally equivalent to green power purchases from a local utility, no matter where the REC may be sourced."



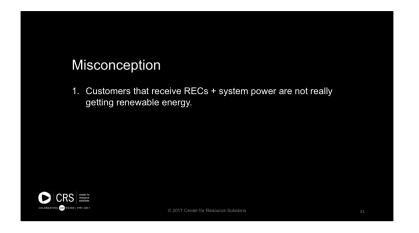
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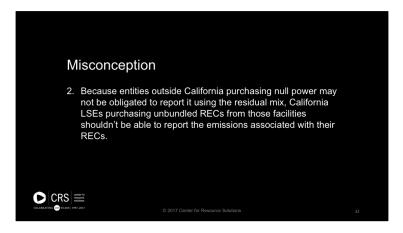








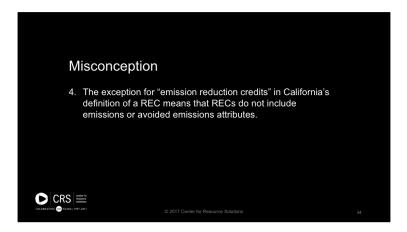




While entities purchasing null power may not be obligated to do GHG reporting, depending on state regulations, where they are or do, they could not report the null power as renewable or as having the GHG emissions profile of renewable energy without violating the FTC as well as widely-accepted GHG methodologies endorsed by US EPA, DOE, and others. There is no double counting, unless attributes are assigned to both the electricity and the REC.

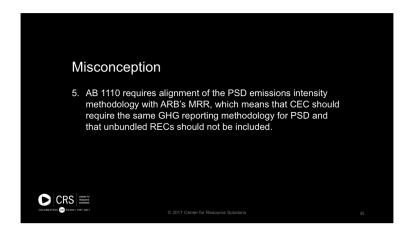


GHG allowances do not carry the zero GHG attributes of electricity generation and cannot be used to convey use of renewable energy or zero emissions energy in California or anywhere else. A cap-and-trade system and the use of GHG allowances affects the avoided grid emissions attribute of renewable energy, not the emissions factor attribute, which is nevertheless contained exclusively in the REC. It is this attribute which is relevant to emissions disclosure. PSD conveys fuel type attributes to electricity consumers, which is also unaffected by GHG allowances.



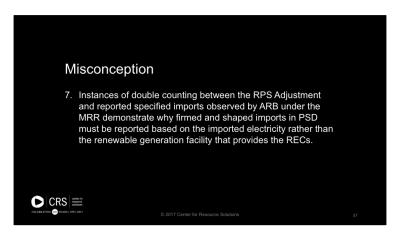
The language at CAL. PUB. UTIL. CODE § 399.12 (h)(2) excluding "emissions reduction credits" from the attributes included in a REC is intended to prevent disruption of existing air regulations in California and is not related to the direct GHG emissions factor attribute of renewable energy contained in the REC or general grid GHG reduction claims. See CPUC Decision 08-08-028:

http://docs.cpuc.ca.gov/word\_pdf/FINAL\_DECISION/86954.pdf. See the final order (p.44-46) as well as sections 4.1.2.3.2 (conclusions on p.22-27) and 4.2.





This is not consistent with the RPS, which treats these as renewable, and creates a separate accounting standard for renewables used toward the RPS and those that are not.



Quite the opposite. In fact, this double counting is an example of the problems that come from not synchronizing accounting methods and recognizing instruments used in other policies (i.e. RPS with C&T/MRR). This double counting is the direct result of not recognizing that the claim to RE deliveries lies exclusively with the REC and instead choosing to account for emissions for specified imports based on the underlying power, therefore creating a different accounting mechanism for RE deliveries than what is used in the RPS.

