



`GHG Protocol Workshop on Accounting for Green Power Purchases December 13, 2010 Washington DC,

Over the last several years, organizations have purchased various types of energy-related instruments as a means to reduce their greenhouse gas (GHG) emissions. These instruments have included renewable energy generation certificates (RECs), green tariffs, energy efficiency certificates, and offsets derived from renewables. But how should organizations reflect these purchases in their GHG inventory? To clarify the technical GHG accounting issues and explore the accounting options, the WRI/WBCSD GHG Protocol will hold workshops with field experts and stakeholders. The workshop in D.C. will focus on the core accounting concepts related to voluntary renewable energy (VRE) instruments and offsets, based largely on the experience of RECs in the U.S., while the London workshop (co-hosted by DEFRA) will focus on questions specific to European electricity markets. The input from these workshops will contribute to the first draft of a set of Power Accounting Guidelines, which will be open to stakeholder comment and review.

8:30 – 9:00 Registration

9:00 –9:15 Welcome, introductions and review of workshop objectives
-Pankaj Bhatia, GHG Protocol

9:15- 9:30 Overview GHGP framing of issues from discussion draft
- Mary Sotos, GHG Protocol

Session I: VRE as emission factors

Facilitator: Stephen Russell

9:30—10:00 Introduction to the concept -Mary Sotos, GHG Protocol

10:00-10:45 Break-out group discussion of RECs as emission factors

- *What are organizations' experiences with this approach?*
- *What are the advantages, disadvantages and prospects for this approach?*
- *What are the technical challenges in implementing grid-adjustment?*
- *What are the implications of the two perspectives towards additionality presented here?*

10:45- 11:15 Group feedback and summary from break-out discussions

11:15- 11:30 Coffee Break

Session II: VRE as avoided emissions

Facilitator: Mary Sotos

11:30-12:00 Introduction to the concept -Stephen Russell, GHG Protocol

12:00- 12:45 Break-out group discussion of RECs as avoided emissions



- *What are organizations' experiences with this approach?*
- *Are there specific reasons why additionality tests should not be applied to VRE in this approach? Otherwise, what additionality tests are needed?*
- *Are the existing methods for calculating avoided emissions problematic?*
- *Is the application of the "avoided emissions" approach to VRE to only scope 2 supportable?*

12:45-1:30 Lunch

1:30-2:00 Group feedback and summary from break-out discussions

Session III: VRE accounting in emissions-constrained, claimed and other circumstances

Facilitator: Pankaj Bhatia

2:00- 2:30 Thinking though these two definitions in other circumstances: RECs in offsets and capped policies -Mary Sotos, GHG Protocol

2:30-3:15 Break-out group discussion of applications, issues in different contexts

- *What are organizations' experiences with accounting for RECs from on-site projects?*
- *What are organizations' experiences with accounting for RECs paired with allowances?*
- *How do the two accounting approaches to VRE (described in Session I and II) apply to a capped power sector? To RE offset projects?*
- *What do consumers expect with regards to the emission rate from RE offset projects? Should this be available for sale as an emission factor, or retired?*

3:15-3:30 Coffee Break

3:30-4:00 Group feedback and summary from break-out discussions

4:00 -4:15 Group discussion: Next Steps? - Pankaj Bhatia, GHG Protocol

4:15 – 4:30 Workshop summary, closing - Pankaj Bhatia, GHG Protocol