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CC: <carl.zichella@sierraclub.org>
Date: 1/10/2009 12:03 PM
Subject: RETI Plenary Stakeholder Collaborative/Riverside

Greetings Ms. Laufenberg,

I am trying to participate in the fore mentioned meeting via telephone with no web access (dial up modem; very slow), and find it nearly impossible to hear and understand the presentations. The adjourning to the so called breakout sessions really turned me into a "fly on the wall" as all there was is the buzzing of participants in the room. This limits my ability to participate. I will attempt to connect again during the Q&A at 1:00 pm.

That being said, I would like to comment regarding the direction of the Phase 2 portion of the process.

The development of a conceptual transmission plan should include the impacts of how the renewable energy will be integrated into the grid.

The previous phases have not addressed the issues associated with the use of intermittent sources of energy, nor how this issue affects the environment and reliability of the energy delivered from the previously identified CREZs. The Phase 2 study should include the impacts of existing, planned, or conceptualized storage or other ancillary services perceived or deemed necessary to deliver the energy from those CREZs.

Moreover, the Phase 2 should identify which technologies alone or in combination may be best suited to minimize the impact of reliance on large utility scale storage facilities, as these will impact the environment, economics, and reliability of the identified CREZS.

Furthermore, if additional ancillary services are required to place this energy on the grid, the conceptual planning should include a means for there to be no regrets as the development of other technologies may provide additional opportunities for lower cost and impacts to the environment. Although the previous phases have not included siting or routing, this issue goes to the heart of the preferential treatment of transmission siting as storage and other ancillary services are not currently identified as transmission elements.

I would ask that if Pumped Storage in particular is identified as a means for integration of energy from the CREZs, the process should identify the affects of these facilities, existing or conceptualized, on GHG reduction.

Thank you for your consideration,

Ron Dickerson