
Subject: FW: Wind Integration Study - Conference Call details for August 19th

From: DeVol, Philip [mailto:PDeVol@idahopower.com]

Sent: Thursday, August 19, 2010 4:07 PM

To: IRP Mailbox

Subject: RE: Wind Integration Study - Conference Call details for August 19th

Thanks for the presentation today. I have some questions for you that I thought I'd save for after the conference call:

1. The wind forecast error is defined on p. 11 as the actual minus forecast → a negative would mean that actual came in *lower* than forecast, implying that a balancing resource would have to *Reg Up* in response. However, in the text on p. 14 describing Figure 7, it's indicated that *Reg Down* is on the negative side of the distribution. This seems backwards, but perhaps I'm missing something. Figure 8 seems similarly backwards.
2. In the PaR model, is the same amount of regulating reserve applied for all hours within a month? Is that amount calculated by the sample equation given on p. 13? I was surprised that Ken Dragoon questioned this equation – I spoke with him at a UWIG workshop in June and he seemed to endorse combining load and wind reserve amounts thru this type of operation.

Thanks again.

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