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**From:** Ken [ken@rnp.org]  
**Sent:** Tuesday, August 17, 2010 4:49 PM  
**To:** Link, Rick  
**Cc:** Liljenwall, Michael; Michael Schilmoeller  
**Subject:** Equations on pp 13, 19  
**Attachments:** Sqrt Sum Squares.xls

Rick,

Per my phone call, please see the attached spreadsheet showing that the equations on pages 13 and 19 of the Pac Wind Integration Study are not always accurate. I don't understand why it is necessary to approximate the percentiles in this way, and it introduces a potentially large error in the analysis. Conversely, it seems a simple matter to pull off the percentile levels directly-- no?

Ken