On Thu, Jul 12, 2012 at 9:18 AM, Fragapane, Phil <Phil.Fragapane@duke-energy.com> wrote:

Casey, Steve, Tom,

Greetings to all!

I reviewed sections of the document titled "Modeling the Broad River Basin Operations with OASIS" related to the default model inputs associated with Lake Summit and Gaston Shoals Lake, two lakes in the model operated by Duke Energy for hydro power generation.

I suggest a couple of revisions to the default inputs related to reservoir rules.

1. Raise the lower rule for Lake Summit from 2005.60 to 2007.60 year-round. This will more closely reflect how the lake is operated.

2. Raise the upper rule for Gaston Shoals to 605.20 year-round. Currently, the upper rule is set to 604.20 for a few periods during the year.   By license, this lake is operated within either the top foot or top two feet depending on the time of year. The lower rules for Gaston Shoals in the model are accurate for all time periods.

The document is well-prepared and is a helpful summary of how the model works. Good job.

Sincerely,

Phil

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