

10/10/2014

Audrain SPS from Jonathan's email:

So here is the low down on the Audrain SPS after talking to Richard Feltz from Ameren (he is the planner who did Ameren's assessment of GBX for MISO's SPA study):

- When Audrain units are dispatched at maximum capacity, loss of line(s) heading south from Audrain, causes greater flows northward towards Palmyra, overloading the transformer at Palmyra (see map below for reference). So SPS is to limit output at Audrain for loss of line(s) headed south of Audrain
- Audrain has total gen capacity of ~588 MW (8x73.5 MW) however in peak summer case is only dispatched at ~320 MW (for off peak, dispatched at 0 MW) thus Richard indicated that this SPS is not applicable since they don't ever model Audrain dispatched at max capacity (he checked the contingency files while we were talking and he couldn't find this SPS so it doesn't seem that it's even being modeled. He'll double check again to confirm this and agreed to send me the .con files so I can confirm as well)

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