

Luckey, Nicole

From: Scott, Douglas
Sent: Tuesday, August 13, 2013 4:01 PM
To: Luckey, Nicole
Subject: FW: Your bench session for Wed. 8/14/13...

From: Mac [mailto:macbd1.4u@gmail.com]
Sent: Tuesday, August 13, 2013 4:00 PM
To: Scott, Douglas; Colgan, John; McCabe, Ann; del Valle, Miguel; Maye, Sherina
Subject: Your bench session for Wed. 8/14/13...

ICC Commissioners:

With the ICC office apparently not posting public comments pending your Aug. 14 meeting, please consider the following concerning Ameren's proposed MCPO route. While our Piatt-Douglas Counties group has strong concerns about the lack of notice for too many property owners, thereby affecting their due process rights, along with other matters, my comments below concern the lack of logical rationale for granting this proposed route. Our attorney speaks of the unknown location of the proposed sub-station in the Mt. Zion area making the length and cost of this route indeterminate and therefore without basis for consideration. This is correct. But the matter goes further as my intended public posting addresses:

"...any reasonable person can readily see that relocating the Mt. Zion sub-station to the south, *as originally proposed by ICC staff*, will 'lengthen' the proposed Piatt-Douglas transmission route, mile for mile, at something like \$1.8 million per mile. If the new Mt. Zion sub-station were located 10 miles to the south, for example, the cost of the Piatt-Douglas route would be increased by \$18 million. Conversely, the route through Moultrie County would be shortened by 10 miles for an \$18 million project savings. But that is only part of the matter.

Additionally, the 345 kV route or segment from either Pana, Kincaid or Pawnee to the relocated 'southern' sub-station becomes much less when compared to their longer routes to the original sub's location near Mt. Zion. Again, by moving the sub-station south by 10 miles makes a power line from either Pana or Kincaid 10 miles shorter, and one from Pawnee at least 5 miles shorter.

Overall, it seems that relocating the sub-station 10 or more miles south would reduce overall 345kV power line length by about 20 miles for a total project savings of about \$36 million. Granted, a new 10-mile length of 138kV line would be needed to service the existing Mt. Zion sub from the relocated sub, but this would be at much less cost than one of 345kV capacity."

A glance at the MISO-MCPO-Ameren map of the entire proposed transmission line across Illinois quickly draws attention to the Pana to Mt. Zion to Kansas segments. This 'camel-hump' line that goes up and over Moultrie County begs a viewer to question its design-rationale. The long north-south line from Pana up to Mt. Zion, and the second north-south segment dropping back down to Kansas, add nothing to furthering the transmission line to the southeast toward Kansas and are obviously very wasteful. My rough calculations quickly total over \$50 MILLION OF WASTE at \$1.8 million per mile.

See this 'camel hump' at MISO's MVPP web site, on the map of page 1 with 'block 11' obviously being our subject route:

<https://www.misoenergy.org/Library/Repository/Study/Candidate%20MVP%20Analysis/MVP%20Portfolio%20Analysis%20Full%20Report.pdf>

Relocating the Mt. Zion sub-station several miles south is most pertinent to ICC's objective of providing Illinois residents with least cost power.

Thank you for your time and consideration.

Respectfully,

Neil McDonald

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[REDACTED]