

PDM Ex. 8.9 – DR ATXI-ICC 3.03

Docket No. 12-0598 (Rehearing)
Response to ATXI's
Third Set of Data Requests to ICC Staff
November 25, 2013

ICC Person Responsible: Greg Rockrohr
Title: Senior Electrical Engineer, Safety & Reliability Division
Business Address: Illinois Commerce Commission
527 East Capitol Avenue
Springfield, IL 62701
Telephone: 217/524-0695

REQUEST ATXI-ICC 3.03:

Does Mr. Rockrohr contend that any factor other than the elimination of "about 25 miles of new 345 kV transmission line" as discussed at lines 157-163, would "reduce the project's cost" as he uses that phrase at line 150? If yes, identify each such factor and explain how it would "reduce the project's cost."

RESPONSE:

Yes. In addition to a reduction in the length of the line, the location of the line and the type and number and location of each type of support structure (tangent, dead-end, or angle) are also factors that Mr. Rockrohr believes contribute to a project's cost. Minimizing the number of dead-end and angle structures would reduce the project's construction cost because dead-end and angle structures are more expensive than tangent structures. Minimizing the use of locations that pass very close to occupied residences potentially reduces the project's cost born by landowners because many homeowners have concerns regarding degradation of property value and exposure to additional electromagnetic fields. Minimizing the number of support structures placed in the center of cultivated areas reduces impacts and costs to farmers by allowing cultivation of fields without obstacles (structures) and more efficient operation of farming equipment. Minimizing use of locations identified for future community development minimizes societal costs by eliminating the need to cancel or redesign the development.