

**PDM Ex. 8.3 – DR ATXI-MCPO 2.06 (Supp.)**

**Ameren Transmission Company of Illinois  
ICC Docket No. 12-0598**

**Moultrie County Property Owners' Supplemental Responses to  
Ameren Transmission Company of Illinois' Second Data Request**

**ATXI-MCPO 2.06 (Supp.)**

What factors or criteria did You consider in selecting or developing Your Alternate Route? List the factors or criteria You identified in order of their importance to Your selection or development of Your Alternate Route.

**Response:**

The factors and criteria applied by Mr. Dauphinais and Mr. Reinecke in developing the two potential alternate routes filed Moultrie County Property Owners ("MCPO") on December 31, 2012 are as follows in order of relative weight applied:

- Minimization of the number of apparent residences within 500 feet of the centerline of the right-of-way;
- Minimization of cost by minimization of overall length and the number of required turning structures;
- Minimization of length not parallel to existing known electric transmission lines;
- Minimization of length not parallel to existing farm-to-market roads, state highways and U.S. highways;
- Minimization of length not parallel to existing known pipeline right-of-way, existing unimproved two-track roads and existing trails;
- Minimization of length not paralleling section lines or other apparent property and/or cultivation boundaries;
- Minimization of length crossing known parks, recreation areas, wildlife refuges, etc.;
- Minimization of length crossing woodlands; and
- Minimization of length crossing known cultural resources.

In addition, minimum required distances were maintained between the potential alternate routes and known airports, airfields and private airstrips. Finally, the crossing of structures was avoided.

Note that all of the above are Ad Hoc criteria that are based on the electric transmission line routing experience of Mr. Dauphinais and Mr. Reinecke as well as the limitations of the data available in Google Earth and the limitations of the first-hand knowledge of the area of MCPO's members. The detailed routing analyses and studies that are currently underway are based on utilization of Geographical Information System ("GIS") data and, as a result, may utilize a set of criteria and routing factors that are modified and/or expanded from the above criteria and routing factors including, but not limited to, the criteria and routing factors used by ATXI.

**Supplemental Response:**

In addition to the factors identified in its original response to ATXI-MCPO 2.03, Mr. Reinecke also considered and calculated the factor listed below in the development of the refined routes. He did not rank these additional factors in order of importance in his consideration and calculation.

Barren Land (Acres)  
Cultivated Crops (Acres)  
Deciduous Forest (Acres)  
Developed, High Intensity (Acres)  
Developed, Low Intensity (Acres)  
Developed, Medium Intensity (Acres)  
Developed, Open Space (Acres)  
Emergent Herbaceous Wetlands (Acres)  
Grassland/ Herbaceous (Acres)  
Open Water (Acres)  
Pasture/Hay (Acres)  
Woody Wetlands (Acres)  
Airports (No.)  
VOR (No.)  
II Drop Zone Locations (No.)  
Antenna (No.)  
Cemetery (No.)  
Church (No.)  
Hospital (No.)  
Nursing Home (No.)  
Schools (No.)  
Golf Courses (No.)  
Center Pivots (No.)  
II Aggregate Pit (No.)  
Local Parks (Acres and No.)  
Sink holes (Acres and No.)  
IL Superfund Sites (No.)  
II Coal Mine Points (No.)  
II Coal Mine Polygons (No.)  
IL Gas Well (No.)  
IL Oil Wells (No.)  
IL Water Wells (No.)  
IL Fault Lines (No.)  
IL/Foreign Gas Distribution Lines (No.)  
National Register Historic Places (No.)  
Known Historic Structures (No.)

Known Archaeological Sites (Acres and No.)  
Archaeological Historic (Acres and No.)  
Scenic Byways (No.)  
Hydric Soils  
Prime Farmland  
USFWS National Wildlife Refuge (Acres and No.)  
USFWS Land-in Holding (Acres and No.)  
USFWS Easements (Acres and No.)  
State Fish and Wildlife Areas (Acres and No.)  
State Habitat Areas (Acres and No.)  
State Natural Area (Acres and No.)  
State Parks (Acres and No.)  
State Recreation Areas (Acres and No.)  
State Trails (Acres and No.)  
Other State Areas (Acres and No.)  
Known State Listed Species Occurrence (Acres and No.)  
IL Rookeries (Acres and No.)  
Illinois Natural Areas Inventory (Acres and No.)  
Illinois Nature Preserve Commission (Acres and No.)  
The Nature Conservancy Lands (Acres and No.)  
National Wetland Inventory (Acres and No.)  
Streams (No.)  
Lakes (No. and Acres)  
Floodplain (Acres)  
Wooded Areas (Acres)  
EPA Leaking Underground Storage Tanks (No.)  
EPA site Remediation Program Sites (No.)