

Status Report as of end of Q4 2016

January 31, 2017

MIDWEST TRANSMISSION PROJECT STATUS REPORT

This report provides project status for the Missouri portion of the Midwest Transmission Project (a.k.a., the Sibley-Nebraska City Project) in conjunction with the reporting requirements set forth in Case No. EA-2013-0098.

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Introduction

Project Status & Public Outreach Report

This report provides project status for the Transource Missouri, LLC¹ (“Transource Missouri”) Midwest Transmission Project (“MTP” or “Project”) (a.k.a., the Sibley-Nebraska City Project)² in conjunction with the reporting requirements³ set forth in Case No. EA-2013-0098⁴. This report also provides the status of public outreach efforts⁵ related to siting, routing, etc. for the Project.

The Project was energized on December 15, 2016 and is now in-service. Post in-service and project completion activities are underway. Given that the Project is now in-service, it is not anticipated that there will be any future material changes in status on which to report. Unless otherwise directed by the Commission, it is expected that this report will be the final regular quarterly report on the status of the Project.⁶

This final regular quarterly report contains the following Project update sections:

Project Background
Project Description
Project Final Route

¹ Transource Missouri is currently the owner of the Project. KCP&L Greater Missouri Operations Company (“GMO”) previously owned the Project. The change of ownership of the Project was approved by the Missouri Public Service Commission (“MoPSC” or “Commission”) in Case No. EA-2013-0098. Additional information on Transource Missouri and the status of ownership of the Project can be found in the ***Status of Ownership of the Project*** section of this report.

² A portion of the Midwest Transmission Project is/will be located in Nebraska. The portion of the Project located in Nebraska is owned, and is being constructed, by Omaha Public Power District (“OPPD”). This report only details the status of the portion of the Project that is/will be located in Missouri.

³ In the context of Case No. EA-2013-0098, Transource Missouri, Kansas City Power & Light Company (“KCP&L”) and GMO agreed to provide status reports for the Project.

⁴ All of the case filings and submissions for Case No. EA-2013-0098 are available through the Electronic Filing and Information System (“EFIS”) on the MoPSC website at

https://www.efis.psc.mo.gov/mpsc/Filing_Submission/DocketSheet/docket_sheet.asp?caseno=EA-2013-0098&pagename=case_filing_submission_FList.asp

⁵ In the context of Case No. EA-2013-0098, KCP&L, GMO, and Transource Missouri also agreed to provide reports regarding the public outreach efforts for siting, routing, etc. The initial public outreach report for the Project, which detailed the public outreach efforts up to the final Project route selection, was filed in EA-2013-0098 on November 5, 2013. The status of public outreach efforts subsequent to the final route selection are now being addressed in the ***Summary of Contact with the Public*** section of this Project status report.

⁶ Transource Missouri, KCP&L, and GMO remain willing to provide future updates as directed by the Commission or when circumstances warrant.

Project Progress Summary

Overall Status

Permitting

Engineering and Design

Procurement

Right-of-Way Acquisition

Schedule

Safety

Summary of Contact with the Public

Public Outreach for Route Selection

Landowner Communications

Project Presentation to the Commission

On-going Public Communications

Status of Ownership of the Project

Transource Missouri Ownership of Project

Other Project Agreements

SPP Project Status Report

In addition to this Project Status & Public Outreach Report, status updates on the Project are also provided to Southwest Power Pool, Inc.⁷ (“SPP”) for use in a quarterly SPP project tracking report.

The Sibley-Nebraska City Project is identified as a Priority Project in the April 27, 2010 SPP Priority Projects Phase II Final Report⁸.

The SPP quarterly project tracking reports⁹ contain information on all of the Priority Projects, as well as other SPP projects, including Reliability, Transmission Service, Generation Interconnect, Balanced Portfolio, and ITP10 upgrades. The Sibley-Nebraska City Project is shown in the SPP quarterly project tracking reports under two Notification to Construct identification numbers (“NTC_ID”) (three Upgrade identification numbers (“UID”)) (shown in *Figure 1* below):

⁷ SPP, a Regional Transmission Organization (“RTO”) approved by the Federal Energy Regulatory Commission (“FERC”), has members in 14 states and has the obligation to plan and develop transmission solutions for the region in which it serves as an RTO.

⁸ SPP’s discussion of the Priority Projects, and the Priority Projects Phase II Final Report, are available at <http://www.spp.org/engineering/transmission-planning/priority-projects/>.

⁹ The SPP quarterly project tracking reports are publicly available at <http://www.spp.org/spp-documents-filings/?id=18641>.

Figure 1 - Sibley- Nebraska City Project NTCs

NTC_ID	UID	Project Owner	Upgrade Description
20097	11238	Transource Missouri	Multi - Nebraska City - Maryville - Sibley 345 kV (GMO)
20097	11239	Transource Missouri	Multi - Nebraska City - Maryville - Sibley 345 kV (GMO)
20098	11240	OPPD	Line - Nebraska City - Maryville 345 kV (OPPD)

The two upgrades shown for Transource Missouri under NTC_ID 20097 (UIDs 11238 & 11239) reflect the Missouri portions of the Project. UID 11238 is for the portion of the Project from Sibley to the new Mullin Creek Substation. UID 11239 is for the new Mullin Creek Substation and for the Missouri portion of the Project from the Mullin Creek Substation to the interception point with OPPD's Nebraska portion of the Project at the Missouri River crossing at the Missouri-Nebraska state line.

The upgrade shown for OPPD under NTC_ID 20098 (UID 11240) reflects OPPD's Nebraska portion of the Project.

Project Background

Project Description

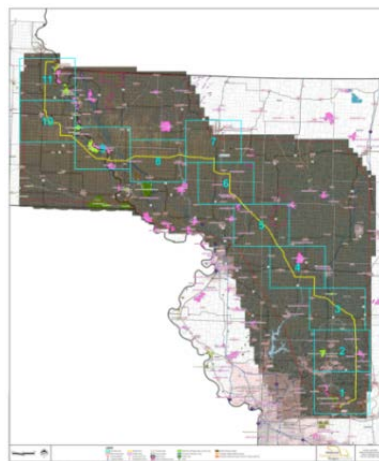
The Midwest Transmission Project is a regional transmission project that involves the construction of a new single circuit 345kV transmission line in northwest Missouri and southeast Nebraska extending approximately 180 miles from the substation located at OPPD's Nebraska City generating station to the a new intermediate 345kV substation near Maryville, Missouri, and continuing on to the substation located at GMO's Sibley generating station. The new 345kV substation, which has been named Mullin Creek Substation, will include reactive resources for voltage control and provide a potential interconnection point for new renewable generation resources.

The portion of the Midwest Transmission Project in Missouri consists of the new Mullin Creek Substation and a total of approximately 135 miles of transmission line from GMO's Sibley generating station to Mullin Creek Substation and from Mullin Creek Substation to the interconnection point with the OPPD-owned facilities at the Missouri-Nebraska state line. The Nebraska portion of the Project consists of approximately 45 miles of transmission line from the interconnection point to OPPD's Nebraska City generating station.

Project Final Route

The final route selection ([Figure 2](#)¹⁰) for the Midwest Transmission Project represented the culmination of an extensive year-long information gathering process by the Project Team that began in July 2012 and concluded with the final route announcement in June 2013.

Figure 2 - Midwest Transmission Project Final Route



¹⁰ A larger version of final route map shown in [Figure 2](#) is also included in [Attachment A – Midwest Transmission Project FINAL Route](#).

Figure 3 - Nebraska City to Mullin Creek Substation

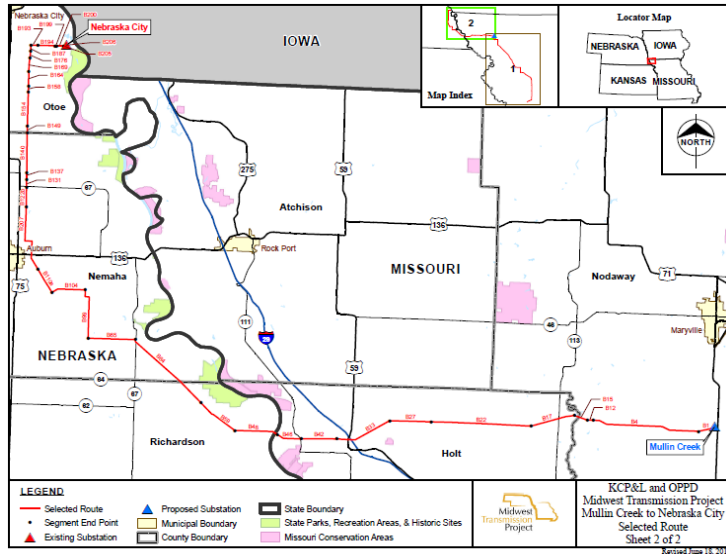


Figure 3¹¹ shows the portion of the final route from Nebraska City to the new Mullin Creek Substation. This map shows both the OPPD portion of the Project in Nebraska and the Transource Missouri portion of the Project in Missouri between the Mullin Creek Substation and the Missouri River crossing at the Missouri-Nebraska state line.

Figure 4 - Sibley to Mullin Creek Substation

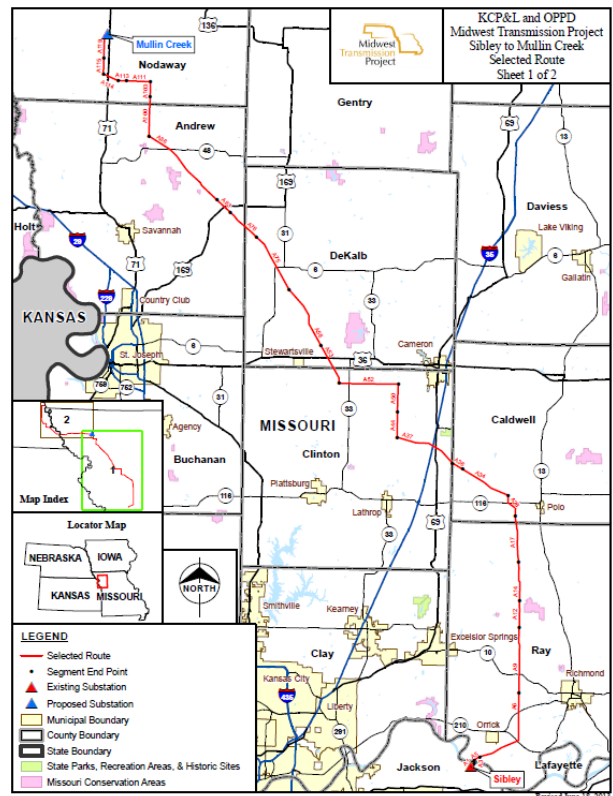


Figure 4 shows the portion of the final route from Sibley to the new Mullin Creek Substation. This portion of the Project is entirely in Missouri and, thus, reflects no OPPD portion of the Project.

¹¹ Larger versions of final route maps shown in Figure 3 and Figure 4 are also included in Attachment A – Midwest Transmission Project FINAL Route.

Project Progress Summary

Overall Status

The Project was energized and placed in-service on December 15, 2016 – about five months ahead of the original schedule. Post completion activities such as right-of-way (“ROW”) restoration are underway.

Permitting

All permitting scope is complete, including Federal Aviation Administration (“FAA”), environmental, and local county road permitting. Once restoration is complete in the summer of 2017, all environmental permits will be closed out.

Engineering and Design

Substation and line engineering and design activities are complete. Remaining engineering activities are focused on closeouts of supply and service contracts.

Procurement

All major procurement packages were awarded by the end of April 2016. The contracted suppliers for the major services, materials, and equipment are included as [*Attachment B – Contracted Services, Materials, & Equipment*](#)

Right-of-Way Acquisition

The acquisition of all necessary parcels of ROW was completed during the second quarter of 2015. The vast majority (356 of 400) of the needed parcels were acquired through negotiated agreement, with only 44 parcels acquired through condemnation. *Figure 5* and *Figure 6* below show the ROW acquisitions by parcels and percent acquired, respectively, for the Project by county in Missouri.

Figure 5 - Parcels of ROW by County

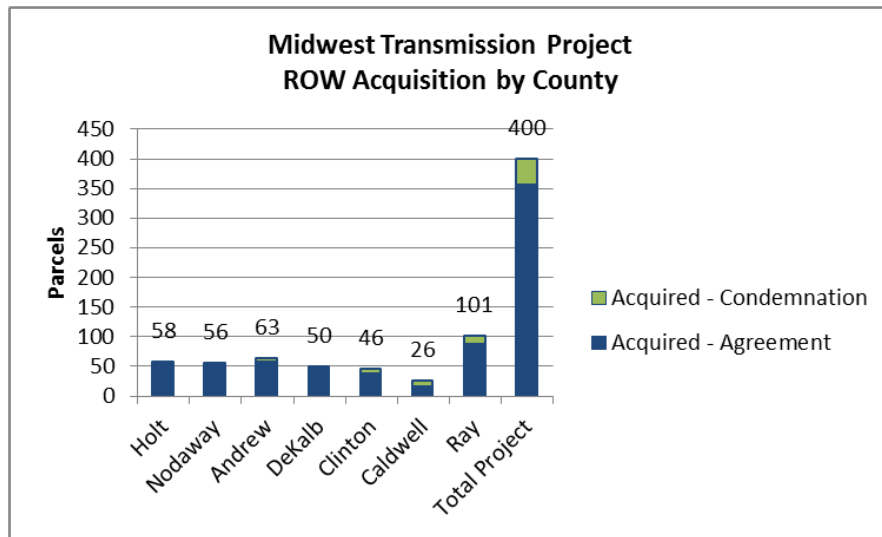
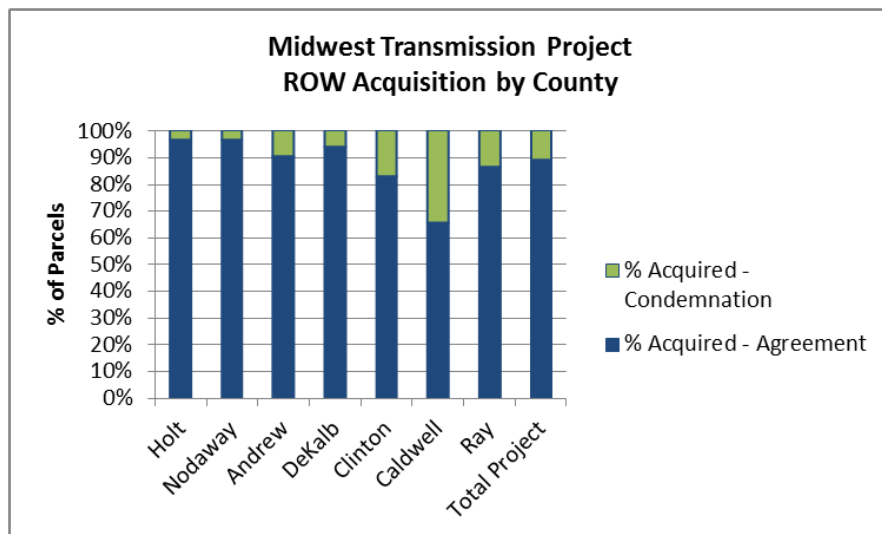


Figure 6 - % of ROW Acquired by Condemnation vs Agreement by County



Construction

ROW Survey

Final ROW staking is complete.

Construction & Material Management

Kenny Construction, the construction and materials manager for Transource, continues to work with landowners regarding crop loss and damage claims and to assist Transource Missouri with contract close-out for the Project.

Transmission Line Construction

Phillips & Jordan (“P&J”), the ROW Clearing, Storm Water Pollution Prevention Plan (“SWPPP”) & Restoration contractor, completed tree clearing during the winter 2014-2015 and winter 2015-2016 clearing seasons. P&J restoration and permanent seeding crews plan to remobilize March 2017 when the weather supports restoration activities, which will continue through the second quarter of 2017. P&J has attempted to make personal contact with all landowners before entering the landowners’ property.

Capital Electric Line Builders, Inc. (“Capital”), the line construction contractor, completed the structure installations (843 total) by the end of the second quarter of 2016. Capital completed all remaining wire pulling activities (stringing/clipping and fiber optic cable splicing), as well as testing activities, during the fourth quarter of 2016. Capital will finalize close out activities through the first quarter of 2017.

Substation Construction Management

Project substation construction activities at both Mullin Creek and Sibley Substations are substantially complete with only close-out activities remaining.

Material Management

All Yards have closed operations.

Testing and Commissioning

Final line end-to-end testing from Nebraska City to Mullin Creek and Mullin Creek to Sibley is complete. In-service testing is complete and the line is energized.

Schedule

The Project was energized on December 15, 2016 and is now in-service. Only Post in-service Project completion activities remain. Completion dates for the major Project activity categories are shown in *Figure 7* below:

Figure 7 –Project Category Completion Dates

Project Activity	Completion Date ¹²
Right-of-Way Acquisition	April 2015 A
Environmental Permitting	June 2015 A
Line Engineering	June 2015 A
Substation Engineering	March 2016 A
Procurement / Fabrication / Delivery	December 2015 A
Tree Clearing	March 2016 A
Line Construction	October 2016 A
Substation Construction	September 2016 A
Cleanup, Culverts & Fences	November 2016 A
Project In-Service	December 2016 A
Post In-Service Project Completion	December 2017 est ¹³

Safety

There were no major work-related safety issues on the Project during the fourth quarter of 2016. The current Occupational Safety and Health Administration (“OSHA”) Incidence Rate¹⁴ for the Project is 1.65.

¹² The completion dates in *Figure 7* are based on the Level 1 Project Schedule as of December 18, 2016, which is included as *Attachment B – Contracted Services, Materials, & Equipment*. The Level 1 Project Schedule outlines the major milestones and engineering, procurement, and construction activities that needed to be completed to support the in-service date of December 2016. It includes the actual start and finish dates for the Level 1 summarized activities, as well as the baseline start and finish dates against which project status was tracked and reported. The December 18, 2016 version will be the final Level 1 Project Schedule, because the Project is in-service and the Project completion tasks will be tracked separately outside of the schedule as “punch-list type” items.

¹³ The Level 1 Project Schedule conservatively shows an estimated completion date for Post In-Service Project Completion as January 2019, but the vast majority of Project close-out activities will be completed by the end of 2017.

¹⁴ The term incidence rate means the number of injuries and illnesses, or lost workdays, per 100 full-time workers. Rates are calculated as: $N \times 200,000 \div EH$, where N = number of injuries and illnesses, or number of lost workdays, EH = total hours worked by all employees during a month a quarter, or fiscal year, and 200,000 = base for 100 full-time equivalent workers (working 40 hours per week, 50 weeks per year).

Summary of Contact with the Public

Public Outreach for Route Selection

The initial contact with the public regarding the Midwest Transmission Project came in the context of the open house meetings that were held during the route selection process, which culminated in the final route selection in the summer of 2013. Greater detail on the open house meetings and other contact with the public can be found in the public outreach report, which Transource Missouri, KCP&L, and GMO agreed to provide in the context of Case No. EA-2013-0098. The initial public outreach report for the Midwest Transmission Project was filed in EA-2013-0098 on November 5, 2013¹⁵.

Communications with Local Public Officials

MTP Project team members met with county commissioners and other local officials at various points throughout planning and construction process. County resolutions were reached between Transource Missouri and each county along the Project route. The Project is now in-service, but Transource Missouri and the MTP Project team remain willing to address any questions or concerns that local officials may have during the Project close-out activities.

Landowner Communications

Prior to the commencement of construction along each portion of the line, landowners with properties on the line were contacted via letter¹⁶ to advise of upcoming work on and/or near their properties. In addition, Capital Electric is contacting landowners by phone or door hanger to advise of upcoming work.

Initial interactions with the public following the final route selection primarily consisted of communications and negotiations with individual landowners regarding the acquisition of necessary easements for the Project. Prior to and during construction the ROW surveying contractors and the ROW clearing and restoration contractors have also been in contact with landowners as they have commenced the surveying, tree clearing, and access construction on the easements that have been acquired for the Project.

As construction progressed the Project team communicated with affected landowners regarding ROW restoration and damage claims, where applicable. Transource Missouri and the MTP Project team remain willing to meet with landowners, as requested, throughout the remaining ROW restoration and close-out phases of the Project.

¹⁵ The initial public outreach report is available through EFIS at https://www.efis.psc.mo.gov/mpsc/commoncomponents/view_itemno_details.asp?caseno=EA-2013-0098&attach_id=2014007274

¹⁶ An example of the letter to landowners is attached as *Attachment D – Example Landowner Letter*

Project Presentation to the Commission

On December 21, 2016 representatives of the Project team and Transource Missouri presented an update on the Project¹⁷, which had been energized and placed into service the prior week, to the Commission at its Agenda meeting.¹⁸

On-going Public Communications

Throughout the life of the Midwest Transmission Project, Transource Missouri and the MTP Project team continued to meet with landowners, citizens, local and state officials, and the local news media, as needed. Kenny Construction continues to meet with landowners, as necessary, while land restoration activities continue.

Landowners (or any other member of the public) can also contact the construction management team by calling the toll-free number on the MTP website:

MTP Project website: <http://www.midwesttransmissionproject.com>
Toll Free Hotline: 855-MTP(687)-3450
Email the project team at: MTP-Missouri@kcpl.com

Calls made to this number are currently handled by Kenny Construction. To the extent that issues cannot be resolved by Kenny Construction the issues are escalated to the KCP&L management personnel on the MTP Project team. This method of addressing landowner concerns will remain in place throughout 2017. After that time, landowner contacts will come to KCP&L through its regular customer care number.

Throughout the duration of the construction activity on the Project, landowner contacts were captured and tracked in a Landowner Contact Record (“LCR”).¹⁹ Among other details, the LCR contains the landowner name, date of contact, nature of contact, and date of resolution. While construction was ongoing, the Project team addressed issues on the LCR during its weekly construction meetings. The issues on the LCR were reviewed, discussed and, to the extent they were not resolved, next steps were determined, which included escalating the issue to be addressed by KCP&L management.

¹⁷ The presentation is included as *Attachment E – Project Presentation to the Commission*.

¹⁸ The Commissioners had a number of questions and comments following the presentation. The questions and comments and the follow-up responses are included as *Attachment F – Follow-up Regarding December Presentation Commissioner Questions (HIGHLY CONFIDENTIAL)*.

¹⁹ The LCR (with contact information through January 5, 2017) is included as *Attachment G – Landowner Contact Record (“LCR”) (HIGHLY CONFIDENTIAL)*.

Status of Ownership of the Project

Transource Missouri Ownership of Project

Transource Missouri is the owner of the Project. Transource Missouri is a wholly-owned subsidiary of Transource EnergySM LLC (“Transource Energy”)²⁰. Transource Energy was formed in 2012 to pursue competitive transmission projects in the SPP, Midcontinent Independent System Operator, Inc. (“MISO”) and PJM Interconnection, LLC (“PJM”) regions, with the potential for expanding to other regions in the future. Great Plains Energy Incorporated (“GXP”) owns 13.5 percent of Transource Energy, and American Electric Power, Inc. (“AEP”) owns 86.5 percent.

The SPP Board of Directors approved the Priority Projects, and SPP issued Notifications to Construct (“NTCs”) for the Sibley-Nebraska City Project to GMO and OPPD to be Designated Transmission Owners (“DTOs”) for the Missouri and Nebraska portions of the Project, respectively. SPP issued the NTC to GMO on July 23, 2010, and GMO accepted on September 28, 2010.²¹

KCP&L/GMO, however, received approval from SPP to novate²² the Missouri portion of the Sibley-Nebraska City Project to Transource Missouri in October 2013. The Federal Energy Regulatory Commission (“FERC”) accepted the SPP-approved designee qualification and novation on December 17, 2013 with an effective date of October 30, 2013.

KCP&L/GMO initiated the novation process, which entailed various interrelated approvals by SPP, FERC, and the MoPSC, in mid-2012. The MoPSC approvals related to this process have been addressed in Case Nos. EO-2012-0367²³ and EA-2013-0098²⁴.

²⁰ Additional information about Transource Energy can be found at <http://www.transourceenergy.com>

²¹ A copy of the NTC issued to GMO, and GMO’s acceptance, can be found in the Q3 2013 Midwest Transmission Project Quarterly Report, which is available through EFIS at https://www.efis.psc.mo.gov/mpsc/commoncomponents/view_itemno_details.asp?caseno=EA-2013-0098&attach_id=2014007365

²² The process governing the construction of transmission facilities within the SPP region and the basis for SPP issuing NTCs are set forth in Section VI of Attachment O to the SPP Open Access Transmission Tariff (“SPP Tariff”). Section VI also describes the process by which transmission owners designated to build projects are to accept or reject such designation by SPP, as well as how they may proceed to relinquish such designation and arrange for another entity to build and own a project in its place, subject to certain qualifications. The full SPP Tariff, as well as individual Schedules and Attachments, can be found at <http://www.spp.org/tariff-viewer.asp>

²³ All case filings and submissions for Case No. EO-2012-0367 are available through EFIS at https://www.efis.psc.mo.gov/mpsc/Filing_Submission/DocketSheet/docket_sheet.asp?caseno=EO-2012-0367&pagename=case_filing_submission_FList.asp

²⁴ All case filings and submissions for Case No. EO-2013-0098 are available through EFIS at https://www.efis.psc.mo.gov/mpsc/Filing_Submission/DocketSheet/docket_sheet.asp?caseno=EA-2013-0098&pagename=case_filing_submission_FList.asp

On January 2, 2014, KCP&L/GMO completed the transfer of the Project to Transource Missouri. The transfer included the sale of certain equipment, property, and construction work in progress (“CWIP”) related to the Project from KCP&L and GMO to Transource Missouri. The terms of the January 2, 2014 transaction are detailed in the Asset Purchase Agreement²⁵ between the KCP&L/GMO and Transource Missouri that was submitted to the Commission in EA-2013-0098 on January 14, 2014.

Other Project Agreements

There are a number of other Project-related agreements between Transource Missouri, KCP&L/GMO, OPPD, and other entities that have been developed, finalized, and accepted by FERC in order to facilitate that construction and operation of the Project. These agreements include Interconnection Agreements (“IA”s), Facility Sharing Agreements (“FSA”s), Facility Extension Agreements (“FEA”s), and other agreements.

- During the first half of 2015, KCP&L/GMO and Transource Missouri developed, finalized, and received the necessary FERC approval for an FSA²⁶, which helps to facilitate utility operations communications for both Transource Missouri and KCP&L/GMO now that the Sibley-Nebraska City Project is in service.
- Also during the first half of 2015, GMO and Transource Missouri finalized an IA, which SPP filed on their behalf at FERC²⁷. The GMO/Transource Missouri IA reflects that the Project interconnects with GMO transmission facilities at or near GMO’s Sibley Substation.
- During the fourth quarter of 2015, an FEA between Transource Missouri and GMO was finalized and filed at FERC for approval²⁸. This FEA sets forth the terms and conditions by which GMO constructed, and Transource Missouri paid for, certain facilities to serve Transource Missouri’s Mullin Creek Substation. Specifically, GMO constructed and will

²⁵ The submission of the Asset Purchase Agreement is available in EFIS at https://www.efis.psc.mo.gov/mpsc/commoncomponents/view_itemno_details.asp?caseno=EA-2013-0098&attach_id=2014011019

²⁶ KCP&L filed the FSA between itself, GMO, Transource Energy, and Transource Missouri at FERC on February 13, 2015 in Docket No. ER15-1046. The GMO and Transource concurrences with the FSA were filed in Docket Nos. ER15-1048 and ER15-1052, respectively. The FSA was accepted by FERC on April 28, 2015. All case filings and submissions for FERC Docket Nos. ER15-1046, ER15-1048, and ER15-1052 are available by searching on the docket number in FERC’s online eLibrary at http://elibrary.ferc.gov/idmws/docket_search.asp.

²⁷ SPP filed the IA between GMO and Transource Missouri at FERC on May 7, 2015 in Docket No. ER15-1680. The IA was accepted by FERC on June 29, 2015. All case filings and submissions for FERC Docket Nos. ER15-1680 are available by searching on the docket number in FERC’s online eLibrary at http://elibrary.ferc.gov/idmws/docket_search.asp

²⁸ GMO filed the FEA between itself and Transource Missouri at FERC on November 18, 2015 in Docket No. ER16-351. The FEA was accepted by FERC on January 12, 2016. All case filings and submissions for FERC Docket No. ER16-351 are available by searching on the docket number in FERC’s online eLibrary at http://elibrary.ferc.gov/idmws/docket_search.asp.

maintain a new 69kV step-down substation adjacent to the Mullin Creek Substation, which will provide Transource Missouri with redundant sources of station service power. FERC accepted this facilities extension agreement in January 2016.

- During the first quarter of 2016, Transource Missouri and OPPD finalized an IA, which SPP filed on their behalf at FERC²⁹. The OPPD/Transource Missouri interconnection agreement reflects that the Project interconnects with OPPD transmission facilities at the Nebraska-Missouri state line.
- On September 30, 2016 GMO filed for approval at FERC³⁰ an FEA between itself and Transource Missouri that sets forth the terms and conditions by which GMO upgraded, and Transource Missouri paid for, certain underrated equipment at GMO's Sibley Substation. Specifically, GMO upgraded the facilities to bring the equipment ratings in line with the requirements for the Project.

In addition, as a Transmission Owner under the SPP Tariff, Transource Missouri has entered into Generator Interconnection Agreements ("GIA"s) with the developers of new generation resources in order to facilitate the connection of these new generation resources to the interconnected transmission grid within SPP.

- One such GIA was entered into on December 16, 2015 by Transource Missouri, as the Transmission Owner, and SPP, as the Transmission Provider, with Rock Creek Wind Project, LLC ("Rock Creek"), as the Interconnection Customer. As the Transmission Owner under this GIA, Transource Missouri will own, operate, and maintain certain interconnection facilities and network upgrades that are paid for by Rock Creek, as the Interconnection Customer. In a matter related to certain of the facilities included in the GIA, Transource Missouri filed an application with the Commission for a Certificate of Convenience and Necessity ("CCN") in Case No. EA-2016-0188³¹. The Commission issued an order granting the CCN on April 6, 2016. The Rock Creek wind farm is expected to be in-service during the second half of 2017.

²⁹ SPP filed the IA between OPPD and Transource Missouri at FERC on March 16, 2016 in Docket No. ER16-1201. The IA was accepted by FERC on May 6, 2016. All case filings and submissions for FERC Docket Nos. ER16-1201 are available by searching on the docket number in FERC's online eLibrary at http://elibrary.ferc.gov/idmws/docket_search.asp

³⁰ GMO filed the FEA between itself and Transource Missouri at FERC on September 30, 2016 in Docket No. ER16-2727. The FEA was accepted by FERC on November 23, 2016. All case filings and submissions for FERC Docket No. ER16-2727 are available by searching on the docket number in FERC's online eLibrary at http://elibrary.ferc.gov/idmws/docket_search.asp.

³¹ The CCN application, which includes the GIA as an exhibit, as well as all other case filings and submissions for Case No. EA-2016-0188 are available through EFIS at https://www.efis.psc.mo.gov/mpsc/Filing_Submission/DocketSheet/docket_sheet.asp?displayAll=True&caseno=EA-2016-0188&order_by=&hdexhibit=&hdtestimony=&hdtranscript=&hdnotices

- A second GIA was entered into on July 15, 2015 by Transource Missouri, as the Transmission Owner, and SPP, as the Transmission Provider, with Osborn Wind Energy, LLC (“Osborn”), as the Interconnection Customer. As the Transmission Owner under this GIA, Transource Missouri will own, operate, and maintain certain interconnection facilities and network upgrades that are paid for by Osborn, as the Interconnection Customer. In a matter related to certain of the facilities included in the GIA, Transource Missouri filed an application with the Commission for a CCN in Case No. EA-2016-0190³². The Commission issued an order granting the CCN on October 5, 2016. The Osborn wind farm, which is a 200 MW facility in DeKalb County, is now in-service and began delivering energy when the Sibley-Nebraska City Project was placed in-service.

There may be additional GIAs or other agreements related to the Project required in the future, but at this time there are no other pending Project-related agreements.

³² The CCN application, which includes the GIA as an exhibit, as well as all other case filings and submissions for Case No. EA-2016-0190 are available through EFIS at https://www.efis.psc.mo.gov/mpsc/Filing_Submission/DocketSheet/docket_sheet.asp?displayAll=True&caseno=EA-2016-0190&order_by=&hdexhibit=&hdtestimony=&hdtranscript=&hdnotices

Attachments

Attachment A – Midwest Transmission Project FINAL Route

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Attachment D – Example Landowner Letter

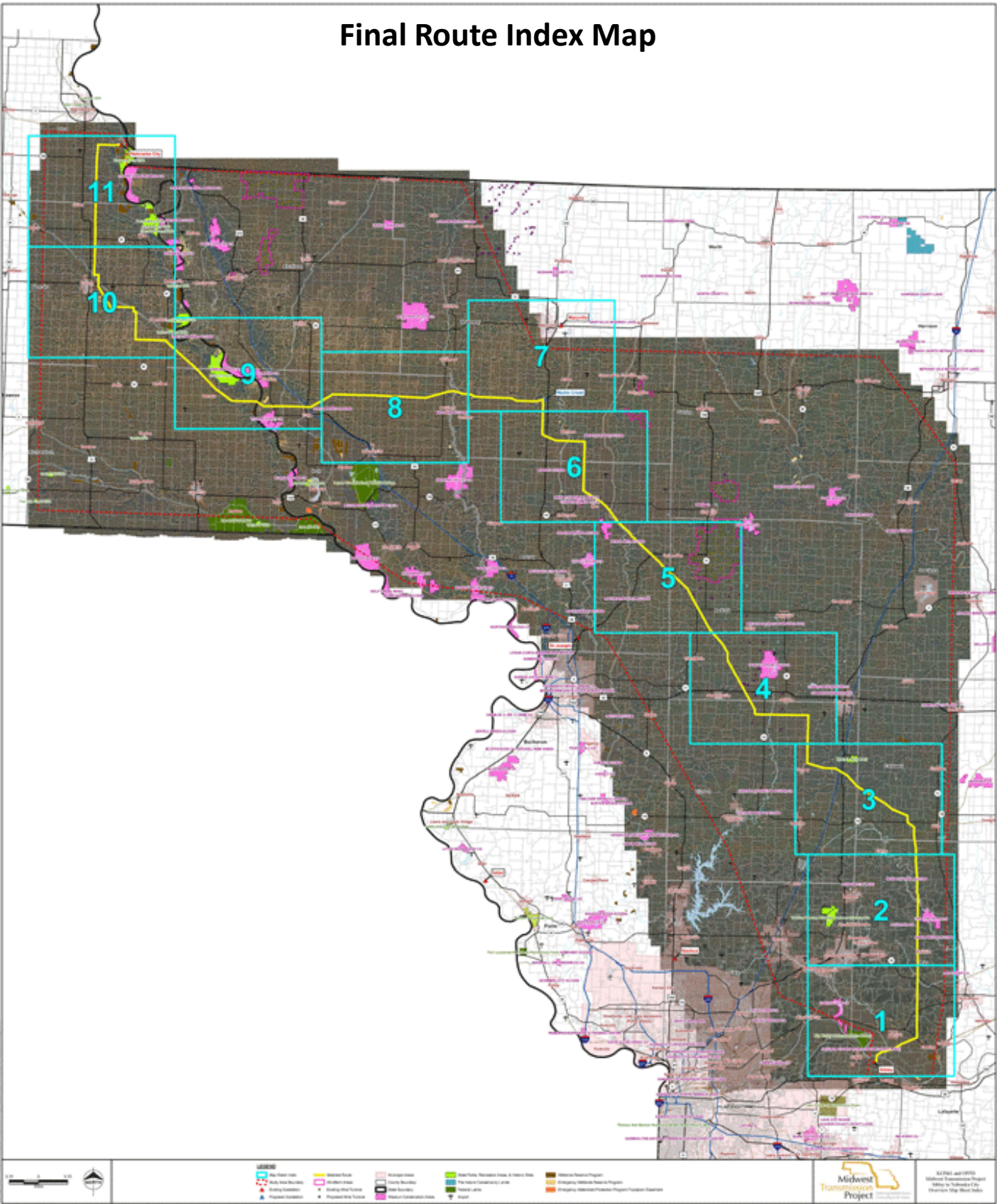
Attachment E – Project Presentation to the Commission

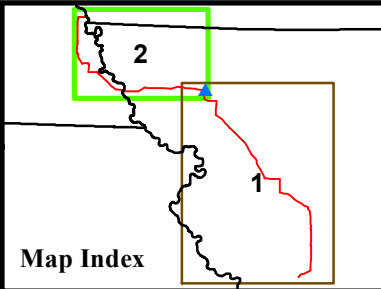
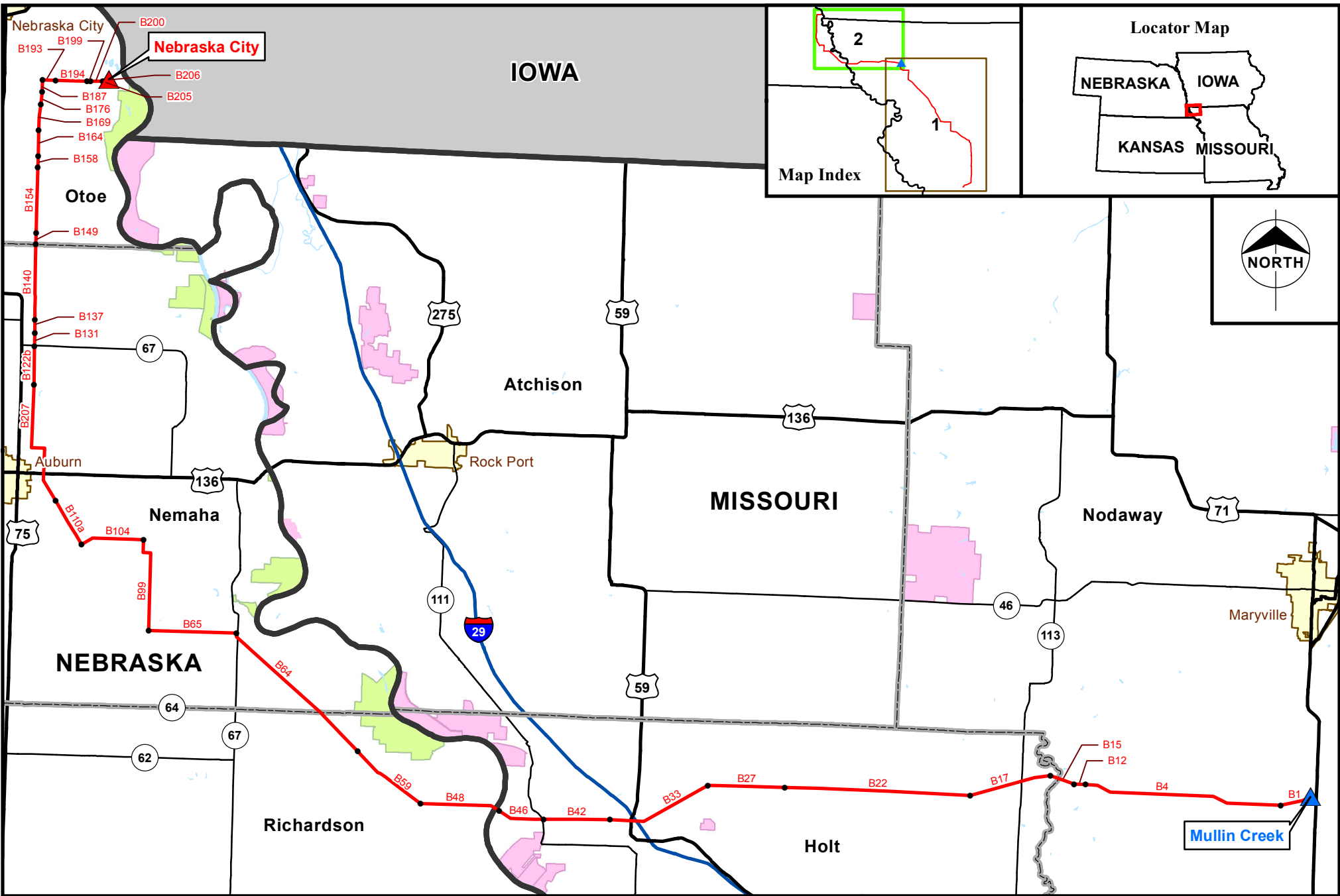
Attachment F – Follow-up Regarding December Presentation Commissioner Questions (HIGHLY CONFIDENTIAL)

Attachment G – Landowner Contact Record (“LCR”) (HIGHLY CONFIDENTIAL)

Attachment A – Midwest Transmission Project **FINAL Route**

Final Route Index Map

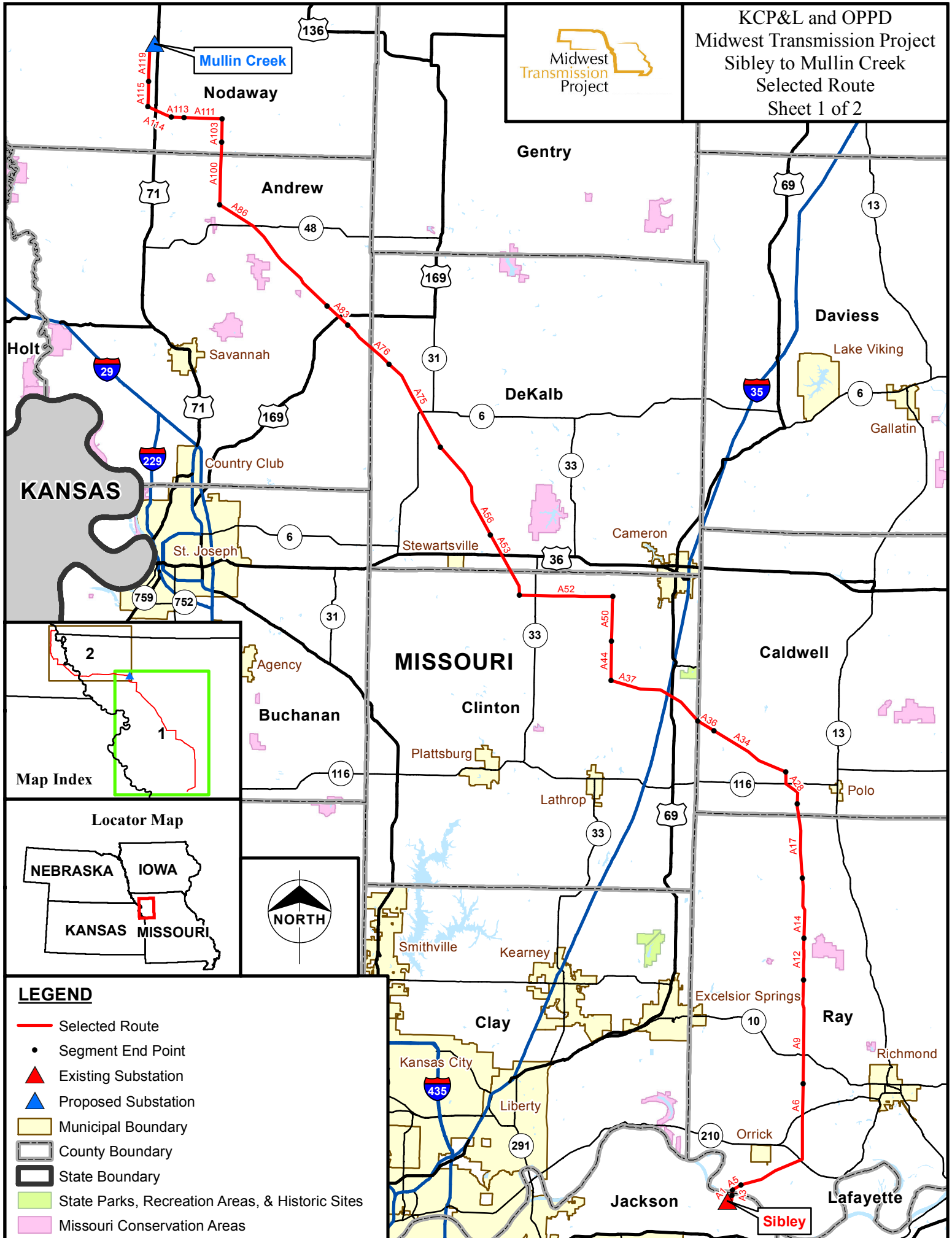




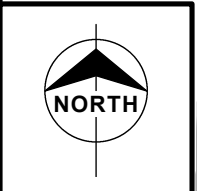
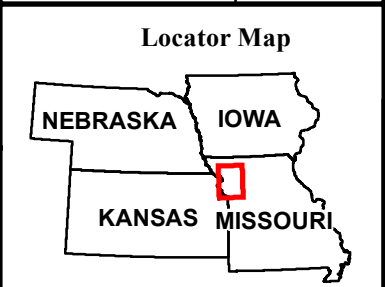
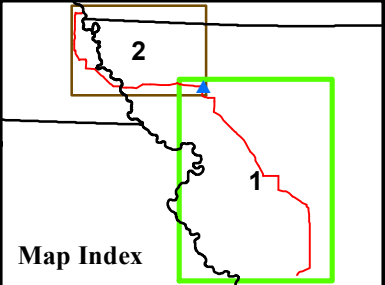
LEGEND			
	Selected Route		Proposed Substation
	Segment End Point		Municipal Boundary
	Existing Substation		County Boundary
			State Boundary
			State Parks, Recreation Areas, & Historic Sites
			Missouri Conservation Areas



KCP&L and OPPD
 Midwest Transmission Project
 Mullin Creek to Nebraska City
 Selected Route
 Sheet 2 of 2



KCP&L and OPPD
 Midwest Transmission Project
 Sibley to Mullin Creek
 Selected Route
 Sheet 1 of 2



- LEGEND**
- Selected Route
 - Segment End Point
 - ▲ Existing Substation
 - ▲ Proposed Substation
 - Municipal Boundary
 - County Boundary
 - State Boundary
 - State Parks, Recreation Areas, & Historic Sites
 - Missouri Conservation Areas

Attachment B – Contracted Services, Materials, & Equipment

MTP Project Contracted Services, Materials, & Equipment

Services, Materials, & Equipment	Supplier	Contract Award
Public Involvement, Routing, Siting, & Environmental Permitting Services	Burns & McDonnell Engineering	July 2012
ROW Acquisition & Survey Services	Contract Land Staff	April 2013
Photogrammetry (Aerial Survey)	Westwood Professional Services, Inc.	September 2013
River crossings (foundations/permitting)	Continental Consulting Engineers	October 2013
Project Management	Electrical Consultants Inc.	October 2013
Engineering	Finley Engineering Company	October 2013
Endangered Species Studies	Environmental Solutions & Innovations, Inc.	April 2014
Tree (Right of Way) Clearing	Phillips & Jordan, Inc.	October 2014
Geotechnical Services	Geotechnology Inc.	October 2014
Construction & Material Management	Kenny Construction	November 2014
Steel Poles	Valmont Industries	January 2015
Conductor	Southwire	April 2015
Optical ground wire (OPGW)	Brugg Cables	March 2015
Insulators	Seves	April 2015
	NGK-Locke	June 2015
Line Construction	Capital Electric	June 2015
Hardware	Hubbell	April 2015
	HD Supply	May 2015
Reactor	SMIT	June 2015
Steel Structures (Substation)	Valmont Industries	November 2015
Mullin Creek Substation Control House & Equipment	AZZ, Inc.	November 2015
Mullin Creek Substation Site Prep & Fencing	Guetterman Turf & Excavating	February 2015
Sibley Foundations	Leavcon	October 2015
Mullin Creek Substation Foundation	PAR Electrical Contractors, Inc.	October 2015
Mullin Creek Substation Electrical Construction	The L.E. Myers Company	April 2016

Attachment C – Midwest Transmission Project Level 1 Schedule (HIGHLY CONFIDENTIAL/PROPRIETARY)

Page 24 contains Highly Confidential/Proprietary Information

This page is removed in the Non-Proprietary public version of the report.

Attachment D – Example Landowner Letter



Midwest Transmission Project
[REDACTED]

July 24, 2015

[REDACTED]

Subject: Transmission Line Construction – Second Phase
Midwest Transmission Project

Dear [REDACTED] Landowners:

Kansas City Power & Light Company (KCP&L) on behalf of Transource Missouri, is ready to begin the second phase of construction for the Midwest Transmission Project ("the Project"). During this phase, construction activities such as material hauling, foundation installation, structure setting, conductor stringing and additional tree clearing will occur. Gates and culverts may be installed on some properties. These activities will be performed by contractors working on behalf of Transource.

Our Construction Management contractor, Kenny Construction Company, will be managing the day-to-day Project activities. Should you have questions about this notification or the Project, please call our toll-free public outreach voicemail box at 1-855-687-3450. Please leave a message and we will return your call. You will find other pertinent information regarding the Project at www.midwesttransmissionproject.com. As always, KCP&L thanks you for your cooperation.

Sincerely,

A handwritten signature in blue ink that reads "Julie Shull". The signature is fluid and cursive, with the first and last names being clearly legible.

Julie Shull
Director of Transmission Construction & Corporate Counsel
Kansas City Power & Light Company
(On behalf of Transource Missouri, LLC)

cc: T. Arndt, Kenny Construction Company
P. Maurin
J. Parks
D. Slaven
J. McBee
R. Albertson
C. Rice
Contract File

Attachment E – Project Presentation to the Commission
(December 21, 2016)

**BEFORE THE PUBLIC SERVICE
COMMISSION OF THE STATE OF MISSOURI**

SUMMARY OF MEETING

COMES NOW Kansas City Power & Light Company, KCP&L Greater Missouri Operations Company (“KCP&L”) and Transource Missouri, LLC (“Transource”) and for its Summary of Meeting states as follows:

Event: Midwest Transmission Project Presentation
Date: Wednesday, December 21, 2016
Time: During MPSC Agenda Beginning @ 9:30 a.m.
Location: MPSC Agenda Room, 9th Floor Governor Office Building, Jefferson City, MO

Company attendees included the following:

Darrin Ives, KCP&L Vice President, Regulatory Affairs
Julie Shull, KCP&L Project Director
Matt Dority, KCP&L Director, Regulatory Affairs
Todd Fridley, KCP&L Director, Transmission Partners
Martha Davis, KCP&L Regulatory Liaison Manager

For summary of meeting see attached presentation.

Respectfully submitted,

/s/ Robert J. Hack

Robert J. Hack, MBN 36496
Phone: (816) 556-2791
E-mail: rob.hack@kcpl.com
Roger W. Steiner, MBN 39586
Phone: (816) 556-2314
E-mail: roger.steiner@kcpl.com
Kansas City Power & Light Company
1200 Main – 19th Floor
Kansas City, Missouri 64105
Fax: (816) 556-2110

Attorneys for the Company

CERTIFICATE OF SERVICE

The undersigned certified that a true and correct copy of the foregoing document was sent by electronic transmission, facsimile, U.S. Mail or e-mail to all parties of record in all of its contested cases pending before the Missouri Public Service Commission on this 21st day of December, 2016.

/s/ Robert J. Hack

Robert J. Hack



Midwest Transmission Project

*Delivering Reliable Power
Connecting to the Future*



Julie Shull
KCP&L Project Director

EXECUTIVE SUMMARY

- Transource Missouri and Omaha Public Power District joint construction and ownership project
- One of six (6) SPP authorized Priority Projects for the region
- Costs and benefits for the project shared among SPP members
- A new 180 mile 345 kV transmission line connecting:
 - Sibley, MO northeast to Maryville and on to Nebraska City, NE
- A new 345 kV substation near Maryville (Mullin Creek Substation)
- Original Schedule/Cost
 - In-Service Date: June 2017
 - Estimated Cost: \$332 million (Missouri portion)
- ***Final Schedule/Cost***
 - ***In-Service Date: December 15, 2016 (6-months ahead of schedule)***
 - ***Final Cost: Approximately \$250 million (\$82 million below original budget)***



MPSC Regulatory Approvals

- **File No. EO-2012-0367**
 - 8/31/2012 Application to transfer certain transmission property from KCP&L/GMO to Transource Missouri
 - 11/7/2012 Order Consolidating Files (lead EA-2013-0098)
- **File No. EA-2013-0098**
 - 8/31/2012 Transource Missouri line CCN Application for Iatan-Nashua 345 kV and Sibley-NE City 345 kV transmission lines
 - MPSC Report & Order granting CCN and transfer issued 8/7/2013, Effective 9/6/2013
- **File No. EA-2016-0188**
 - 1/19/2016 Transource Missouri CCN Application for Rock Creek Wind Project switchyard
 - Order Granting CCN, Effective 4/16/2016
- **File No. EA-2016-0190**
 - 7/22/2016 Transource Missouri CCN Application for Osborn Wind Energy Center switchyard
 - Order Granting CCN, Effective 10/15/2016

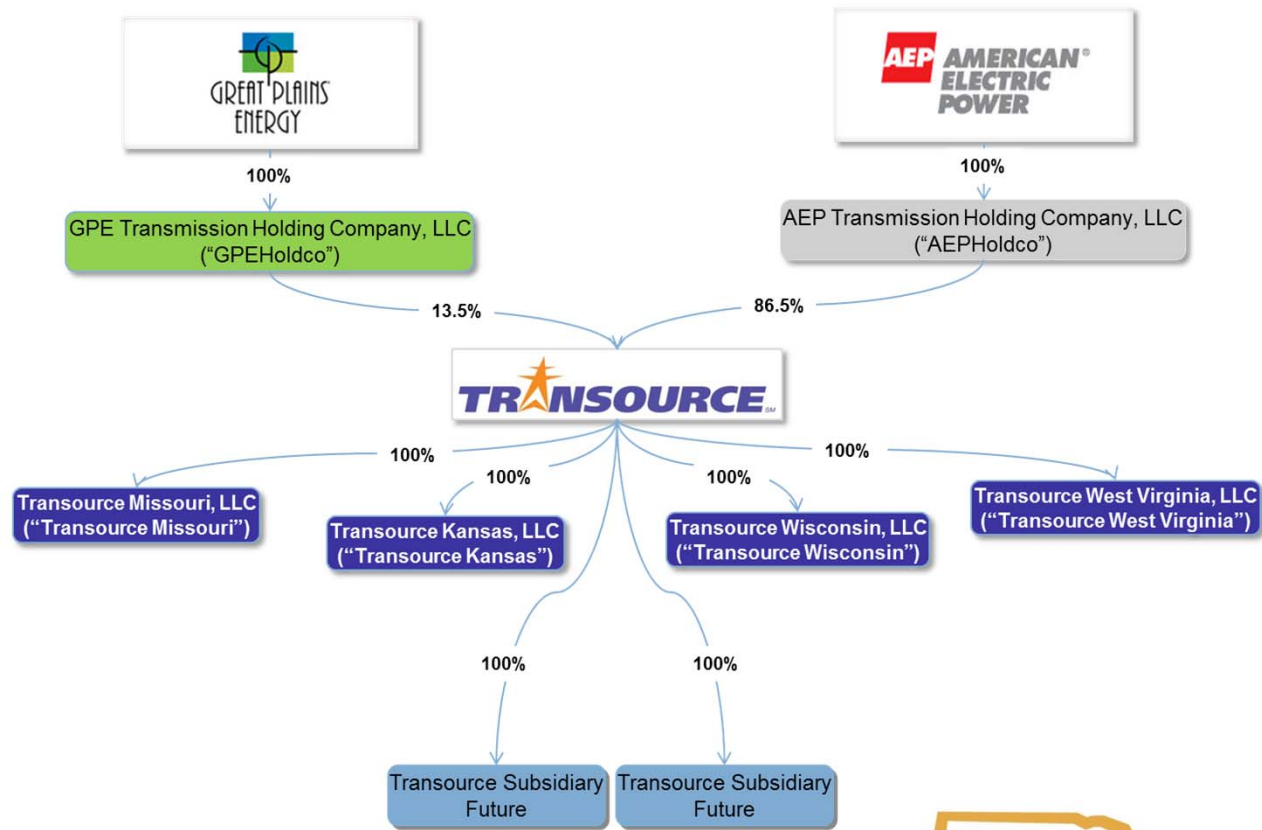


BENEFITS OF MTP

- Reduced grid congestion and lower Locational Marginal Prices helping lower costs to customers
- Increased grid reliability and stability
- Improved energy transfer capability for future needs
- Enabling of large-scale renewable energy resources in Missouri & Nebraska



MTP OWNER (Missouri side)



PROJECT MANAGEMENT APPROACH

- Executed within KCP&L's large construction management team and processes
- Maintained disciplined cost and schedule controls
- Utilized Transource's full capabilities and resources:
 - Leveraged Transource partnership with American Electric Power for full project scope and activities
 - Implemented best practices for routing, siting, procurement and construction



HIGH LEVEL SCHEDULE

- Final Route selected – June 2013
- Land acquisition completed – Spring 2015
- Environmental permits completed – Summer 2015
- Construction completed – October 2016
- In-service – December 2016



STAKEHOLDER ENGAGEMENT/ ROUTE SELECTION PROCESS

KCP&L's execution team followed its strong outreach program to all stakeholders

- Advisory Groups
- Elected Officials/Local Leaders
- Agencies
- Landowners



We want the community to understand that we care and are a trusted energy provider



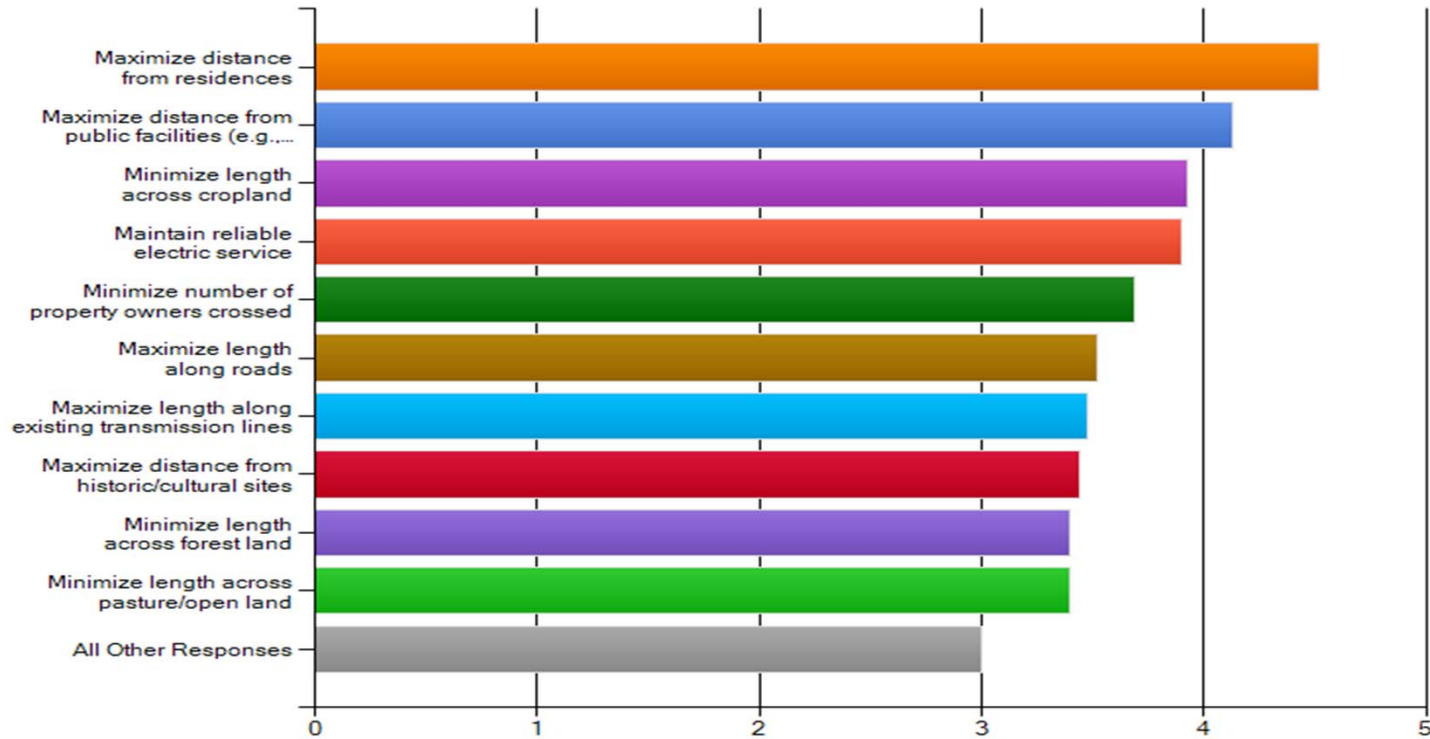
OPEN HOUSE MEETINGS

- 3 Rounds
- Held over 1 ½ years
- 1896 attendees
- 1475 questionnaires returned
- MPSC involvement to ensure inclusion and awareness of process

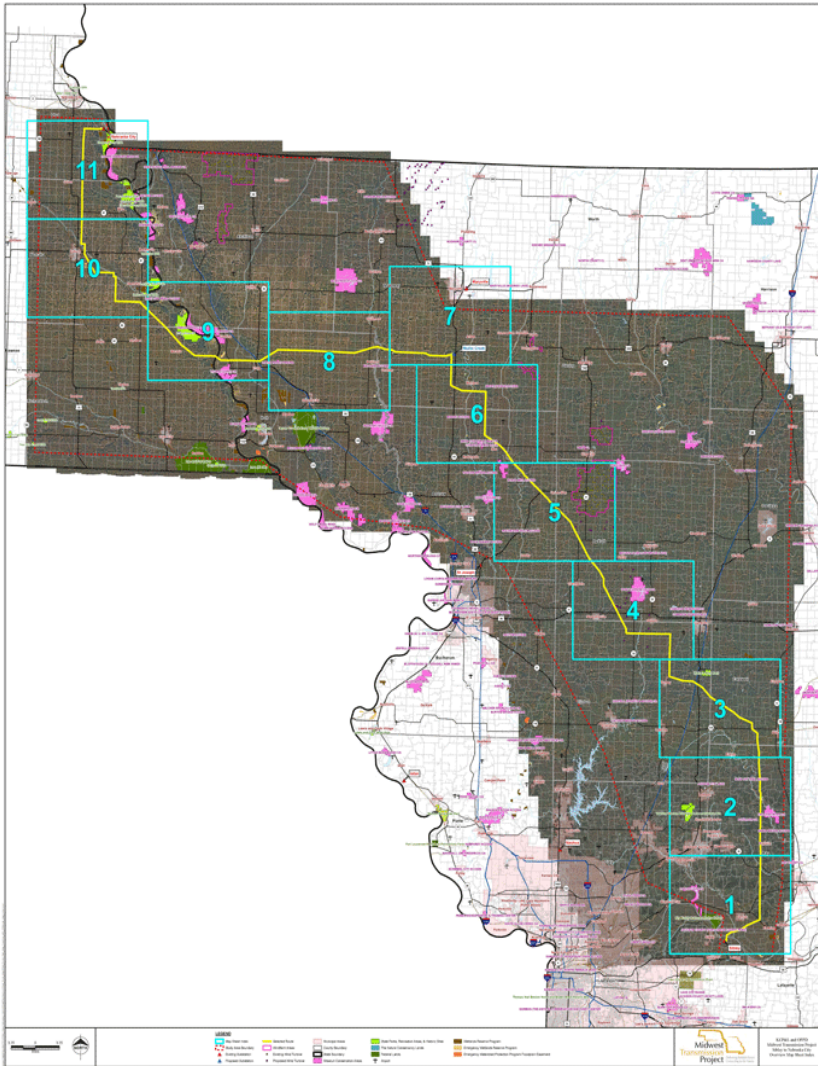


ROUTING CRITERIA

What is your most important concern with this project?



FINAL ROUTE – June 2013



- 180 miles (135 in MO)
- 11 counties (7 in MO)
- 2 Missouri River Crossings
- Approximately 560 landowners



POSITIVE OUTCOMES

- Final route that minimizes impacts to landowners, community and environment
- Low condemnation rate (12%)
- Engaged landowners
- Knowledgeable local leaders



STAKEHOLDER ENGAGEMENT

- Individual landowner interactions
- Website (www.midwesttransmissionproject.com)
- Quarterly newsletter (OPPD)
- County commission meetings
- Quarterly updates to MPSC



ENVIRONMENTAL SURVEYS

- Over 104 miles of biological surveys relating to the Indiana Bat (endangered species)
- One bat was found and the line was routed around the identified nest tree



CONSTRUCTION

- Single Pole, Tubular Steel
- 843 Structures
- 2 Missouri River Crossings
- Over 1000 miles of wire



LOCAL HIRE AND SPEND

- Local contractor provided line construction services
- 4 laydown yards with local hires; local firms hired for yard security, engineering, construction, and equipment rental
- Tree clearing and restoration—20% local hires
- All concrete supplied by local firms
- All right-of-way surveying conducted by local firms



PROJECT STATUS

- Line construction is complete
- Line was energized and placed into service on December 15
- Initial Budget: \$332 million, Projected Cost: \$250 million
- Cost impacted by reduction in line miles in MO and competitive bidding of most materials and services
- Original Schedule: June 2017, Final Schedule: Dec 2016



PROJECT STATUS

- Two wind facilities connecting to this line are also being finalized:
 - NextEra's Osborn 200.1 MW facility in Dekalb County
 - In-Service –
December 15, 2016
 - Enel's Rock Creek 300 MW facility in Holt County
 - Expected to deliver energy
Summer 2017





Midwest
Transmission
Project

*Delivering Reliable Power
Connecting to the Future*

**Attachment F – Follow-up Regarding December
Presentation Commissioner Questions (HIGHLY
CONFIDENTIAL)**

Pages 50-55 contain Highly Confidential Information

These pages are removed in the Non-Proprietary public version of the report.

Attachment G – Landowner Contact Record (“LCR”)
(HIGHLY CONFIDENTIAL)

Pages 57-74 contain Highly Confidential Information

These pages are removed in the Non-Proprietary public version of the report.