



**NORTHERN MISSOURI GRID TRANSFORMATION PROGRAM PHASE 2:
DENNY-ZACHARY-THOMAS HILL-MAYWOOD PROJECT
PUBLIC ENGAGEMENT SUMMARY**

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Part 1. Community Representative Forums

A. Community Representative Forum Schedule and Locations

Community Representative Forum Meetings

CRF Event	Location	Date	Time
West Meeting 1	Stages on 69 11411 NE Hwy 69 Cameron, MO 64429	Tuesday July 23, 2024	9:00 am-10:30 am
West Meeting 2	Sullivan Community Center 205 N Market Milan, MO 63556	Tuesday July 23, 2024	1:00 pm-2:30 pm
East Meeting 1	White Oaks Barn 23255 State HWY 11 Kirksville, MO 63501	Wednesday July 24, 2024	9:00 am-10:30 am
East Meeting 2	Macon Country Club 901 Noll Drive Macon, MO 63552	Wednesday July 24, 2024	1:00 pm-2:30 pm
East Meeting 3	American Legion Palmyra 600 Short Street Palmyra, MO 63461	Thursday July 25, 2024	9:00 am-10:30 am

B. Number of Invitations to and Attendance by Community Representatives

Total Number of Community Representatives Invited	211
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Number of Attendees at Each Community Representative Forum

CRF Event	Meeting Attendees
West Meeting 1	5
West Meeting 2	4
East Meeting 1	13
East Meeting 2	8
East Meeting 3	8
TOTAL ATTENDEES	38

C. Invitations to Community Representatives

Evite to East & West Region Representatives:



Northern Missouri Grid

TRANSFORMATION PROGRAM

Hello,

Ameren invites you to participate in a Community Representative Forum discussing Phase 2 of the Northern Missouri Grid Transformation Program.

About the Grid Transformation Program

Ameren Transmission Company of Illinois (ATXI), Missouri Joint Municipal Electric Utility Commission (MJMEUC) and Ameren Missouri are working together to build a more reliable and resilient energy grid for the future. The Northern Missouri Grid Transformation Program is a portfolio of new energy projects that includes over 255 miles of new 345 kV transmission lines developed in two phases across northern Missouri.

Northern Missouri Grid Transformation Program's Phase 2 includes the Denny-Zachary-Thomas Hill-Maywood (DZTM) Project with over 200 miles of new transmission lines across ten counties in Northern Missouri. The DZTM Project is located in DeKalb, Daviess, Grundy, Sullivan, Adair, Knox, Lewis, Marion, Macon and Randolph counties. The Project also includes upgrades to existing substations. A project area map is attached with this email.

Just as additional roads need to be built or expanded over time, the program will prepare the grid for the future by adding transmission capacity. The program will also ensure energy reliability and resiliency while promoting more access to energy sources for Northern Missouri communities and the region.

Program Benefits

- Increasing transmission capacity to meet changing energy needs.
- Supporting lower energy supply costs.
- Improving energy reliability for the surrounding region and local communities.
- Promoting access to diverse energy sources.
- Growing economic development opportunities.

Join Us for an In-Person Community Representative Forum

The team is hosting a series of Community Representative Forums the week of July 22, 2024, throughout the DZTM project area. We invite you to attend the one that works best for your schedule. Each forum will be up to 90-minutes long including a presentation, small group mapping exercise and Q&A session. The same information will be presented at each forum.


<p>Tuesday, July 23, 2024 9:00 am- 10:30 am</p> <p>Stage on 69 11411 NE HWY 69 Cameron, MO 64429</p>	<p>Tuesday, July 23, 2024 1:00 pm- 2:30 pm</p> <p>Sullivan County Community Center 205 N. Market Milan, MO 63556</p>
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Please RSVP by Friday, July 19, 2024, to the team directly via email at connect@AmerenGridMo.com or hotline 1.833.799.1633.

If you cannot make it to the forum, please contact us and we can provide you with a copy of our presentation materials by mail or email. Thank you for your time and feedback as we work to improve energy reliability for your community.

Evite to West Region Representatives:

Evite to East Region Representatives:



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Mailed Invitation to West Region Representatives:

Mailed Invitation to East Region Representatives:


 Northern Missouri Grid Transformation Program
 1901 Chouteau Ave.
 St. Louis, MO 63103
 Ameren.com/AMerengrid

July 12, 2024

NAME
TITLE
ORGANIZATION
CITY STATE ZIP

RE: Northern Grid Transformation Program – Phase 2 Community Representative Forum Invitation

Hello John Twitty,

Ameren invites you to participate in a Community Representative Forum discussing Phase 2 of the Northern Missouri Grid Transformation Program.


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Sincerely,

 Tracy Dencker,
 Senior Project Manager, ATXI

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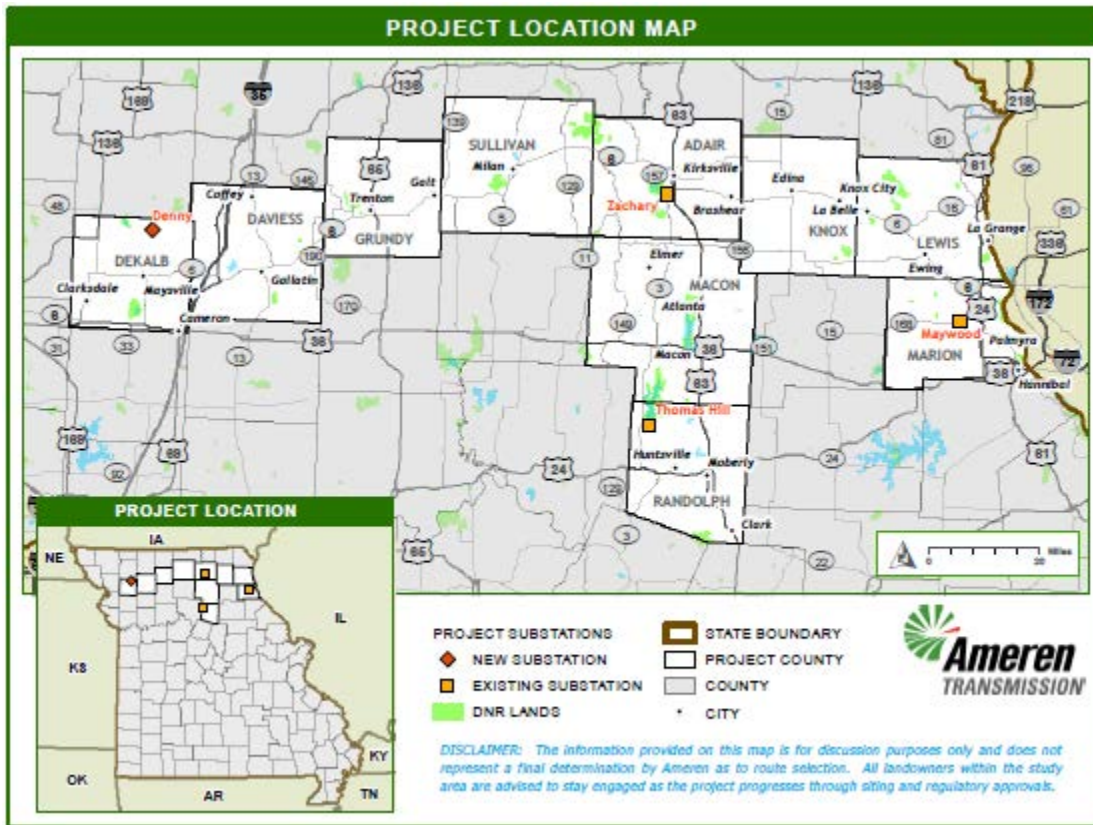
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Sincerely,

 Tracy Dencker,
 Senior Project Manager, ATXI

D. Map Sent with Community Representative Invitations



E. Recipients of Community Representative Forum Invitations

First Name	Last Name	Agency	Division/Region / District	Title
John	Twitty	MPUA		President & CEO
Connie	Ford	MPUA		Chief Member Services Officer
Ken	Reasoner	MPUA		Chief Financial Officer
John	Grotzinger	MPUA		Chief Electric Operations Officer
Steve	Stodden	MPUA		Director- Transmission & Distribution
Ashton	Day	MPUA		Communications Coordinator
Rebecca	Atkins	MPUA		Chief Markets Officer
Douglas	Healy	MPUA		General Counsel to MPUA
David	Hibbs	USACE	Kansas City District Regulatory Office	Regulatory Chief
Aurora	Scott	USACE	Rock Island District Regulatory Division	Regulatory Chief
Brant	Vollman	USACE	Rock Island District Regulatory Division	Archaeologist
Alexis	Rychaert	USACE	Rock Island District Real Estate Division	Realty Specialist Section 408 Coordinator
Dan	Lange	USACE	Rock Island District Regulatory Division	Project Manager
Julie	Rimbault	USACE	Rock Island District Regulatory Division	Regulatory Chief Eastern Branch
Brenna	McDonald		DNR/Missouri Geological Survey	Supervisor, Environmental Assistance Unit
Robert	Gramke	USACE	U.S. Army Corps of Engineers - St. Louis	
Tyson	Zobrist	USACE	U.S. Army Corps of Engineers - St. Louis	
Meg	McCollister	USEPA	Region 7	Regional Administrator
Dana	Skelley	USEPA	Region 7	Director, Water Division
Joe	Summerlin	USEPA	Region 7	Senior NEPA Reviewer
Mike	Sedlacek	USEPA	Region 7	
Kathryn	Bulliner	USFWS	Missouri Ecological Services Field Office	Fish and Wildlife Biologist
Vona	Kuczynska	USFWS	Missouri Ecological Services Field Office	Fish and Wildlife Biologist

Gabriela	Wolf-Gonzalez	USFWS	Missouri Ecological Services Field Office	Fish and Wildlife Biologist
John	Weber	USFWS	Missouri Ecological Services Field Office	Field Supervisor
Kris	Budd	USFWS	Missouri Ecological Services Field Office	
Jordan	Meyer	MDC	Administration and Policy	Jordan.meyer@mdc.mo.gov
Amy	Rubingh	MoDNR	State Historic Preservation Agency	amy.rubingh@dnr.mo.gov
Dawn	Scott	MoDNR	State Historic Preservation Agency	moshpo@dnr.mo.gov
Billy	Hackett	MoDNR	Water Protection Program	401 Water Quality Certification Coordinator
Stuart	Miller	MoDNR	Administration and Policy	Policy Coordinator
Jeff	Alvey	MoDNR	State Historic Preservation Agency	Architectural Historian
Hannah	Humphrey	MoDNR	Director's Office	Deputy Director
Missy	Newman	MoDNR	Director's Office	Staff Coordinator
Dr. Toni	Prawl	MoDNR	State Historic Preservation Agency	Historic Preservation Office Director
Brian	Stith	MoDNR	State Parks	Deputy Director
Michael	Kruse	MoDNR	Watershed Protection	Environmental Project Manager
		MDC	Northwest Regional Office	
		MDC	Northeast Regional Office	
		MODOT	Northwest District	
Marty	Liles	MODOT	Northwest District	District Engineer
Troy	Slagle	MODOT	Northwest District	Assistant District Engineer
Jose	Rodriguez	MODOT	Northwest District	Area Engineer
Michael	Marriott	MODOT	Northwest District	Area Engineer
Jenna	Keyes	MODOT	Northwest District	Communications Manager
		MODOT	Northeast District	
Paula	Gough	MODOT	Northeast District	District Engineer
Kevin	James	MODOT	Northeast District	Assistant District Engineer
Emily	Edgar	MODOT	Northeast District	Area Engineer
Christopher	Peterson	MODOT	Northeast District	Area Engineer
Jeff	Niemeyer	MODOT	Northeast District	Area Engineer
Gerri	Jeffries	MODOT	Northeast District	Communications Manager
		FAA	STL FDSO	
Kyle	Carroll		Dekalb County	County Commissioner

Kyle	White		Dekalb County	District Commissioner
Chet	Owen		Dekalb County	District Commissioner
Jim	Ruse		Daviess County	County Commissioner
David	Cox		Daviess County	District Commissioner
Wayne	Uthe		Daviess County	District Commissioner
Phillip	Ray		Grundy County	County Commissioner
Don	Sager		Grundy County	District Commissioner
Brad	Chumbley		Grundy County	District Commissioner
Chris	May		Sullivan County	County Commissioner
Mike	Helper		Sullivan County	District Commissioner
Rye	Page		Sullivan County	County Commissioner
Danny	Busick		Sullivan County	District Commissioner
Mark	Shahan		Adair County	County Commissioner
Bill	King		Adair County	District Commissioner
Mark	Thompson		Adair County	District Commissioner
Leslie	Cardwell		Knox County	County Commissioner
Ronnie	Leckbee		Knox County	District Commissioner
Luther	Green		Knox County	District Commissioner
Sidney	Conklin		Randolph County	County Commissioner
John	Tracy		Randolph County	District Commissioner
John	Hobbs		Randolph County	District Commissioner
Dean	Still		Macon County	County Commissioner
Kevin	Souther		Macon County	District Commissioner
			Macon County	District Commissioner
David	Lomax		Marion County	County Commissioner
Larry	Welch		Marion County	Associate Commissioner
Steve	Begley		Marion County	Associate Commissioner
Wayne "Fid"	Murphy, Jr.		Lewis County	County Commissioner
Deanne	Whiston		Lewis County	Norther Commissioner
Travis	Fleer		Lewis County	Southern Commissioner
Michael	Williams			Commissioners Office
Melissa	Meek		Dekalb County	County Clerk
Rachel	Taylor		Daviess County	County Clerk
Courtney	Campbell		Grundy County	County Clerk
Rachael	Hall		Sullivan County	County Clerk
Sandra	Collop		Adair County	County Clerk
Marlene	Spory		Knox County	County Clerk
Terri	Maddox		Randolph County	County Clerk
Tammy	Perkins		Macon County	County Clerk
Marla	Meyers		Marion County	County Clerk
Shannon	Sapp		Lewis County	County Clerk
Kerri	Huffaker		Dekalb County	Chamber of Commerce President

Cheri	Wayne		Daviess County	Chamber of Commerce President
Christina	Chapman Van Yperen		Grundy County	Chamber of Commerce President
John	Craig		Sullivan County	Chamber of Commerce President
Ryan	Bowen		Adair County	Chamber of Commerce President
Jamie	Neal		Knox County	Chamber of Commerce President
Mike	Thompson		Randolph County	Chamber of Commerce President
Meredith	Belt		Macon County	Chamber of Commerce President
Allie	Bennet		Marion County	President of the Chamber of Commerce
Craig	Redman		Lewis County	Chamber of Commerce President
Aaron	Piburn		Daviess County	Daviess County Assessor
			Dekalb County	Farm Bureau
			Daviess County	Farm Bureau
			Grundy County	Farm Bureau
			Sullivan County	Farm Bureau
			Adair County	Farm Bureau
			Knox County	Farm Bureau
			Randolph County	Farm Bureau
			Macon County	Farm Bureau
			Marion County	Farm Bureau
			Lewis County	Farm Bureau
Lacey	Miller			Farm Bureau
Stacy	Harder		Knox County	Farm Bureau
Garrett	Hawkins		State of Missouri	Farm Bureau
Deb	Thummel		Region 4	Missouri Cattlemen's Association
Ethan	McNeill		Region 1	VP of the Missouri Cattlemen's Association
Dean	VanSchoiach		District 009	Dekalb County Representative
Louis	Riggs		District 005	Marion County Representative
Nicole	Myers			Renew Missouri
Josh	Hawley		State of Missouri	Senator
Eric	Schmitt		State of Missouri	Junior Senator
Bryan	Nichols		State of Missouri	Rep for Congressman Graves Office
Skylar	Wiegmann		Northeast Electric Power	COO
Doug	Aeilts		Northeast Electric Power	CEO
Allie	Bennett		Northeast Electric Power	Manager

John	Stickley		NW Electric Power Cooperative	VP Engineering
Byron	Roach		NW Electric Power Cooperative	PR Manager
John	Kaiser		NW Electric Power Cooperative	
randy@satterfieldconsult.com				
smoskowitz@citizensutilityboard.org				
lscalesllc@gmail.com				
bsoholt@cleangridalliance.org				
kwelf@cleangridalliance.org				
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egold@5lakesenergy.com				
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gary.moody@audubon.org				
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adam.forrer@audubon.org				
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cmarkuson@bluegreenalliance.org				
margrethe.kearney@ef.org				
matthew.anderson@ef.org				
lward@conservativeenergynetwork.org				
cjohnson@landandlibertycoalition.com				
amanda@resource-media.org				
jeff@resource-media.org				
jnorris@sppg.com				
mprorok@gpisd.net				
bwilliams@gpisd.net				
potter@acore.org				
avohs@mncenter.org				
arehn@prairierivers.org				
apankau@prairierivers.org				
christine.nannicelli@sierraclub.org				
custokes@edf.org				
crhicks@edf.org				
sspence@conservativeenergynetwork.org				
krock@bluegreenalliance.org				
Maria	Kuhns			
Matt	Hudson			
Doug	Krigbaum			
Cindy	Hultz			
Lynn	Hodges			

Rebecca	Miller			
Josh	Langhammer			
Tim	Korman			
Laura	Bradshaw			
Mike	Scheib			
Stephanie	Mills			
Anastatia	Tiedemann			
Derek	Weber			
Staci	Mesmer			
Travis	Mathes			
Ethan	McNeill	Mo. Cattlemen's Assn.	Region 1	Region 1 V.P.
Deb	Thummel	Mo. Cattlemen's Assn.	Region 4	Region 4 V.P.
Mike	Orskog	Adair County Courthouse		
Dan	Engemann	MO Farm Bureau	Regulatory Affairs	
Drew	Lock	MO Farm Bureau		
Sandy	Collop	Adair County		
Bryan	Nichols	Rep Graves Office		
Ethan	McNeill	Mo. Cattlemen's Assn.	Region 1	Region 1 V.P.
Deb	Thummel	Mo. Cattlemen's Assn.	Region 4	Region 4 V.P.
Josh	Hawley		State of Missouri	Senator
Eric	Schmitt		State of Missouri	Junior Senator
Dan	Hegeman	Senator	State of Missouri District 12	Senator
Cindy	O'Laughlin	Senator	State of Missouri District 18	Senator
Mazzie	Christensen	Daviess Co.	State of Missouri District 2	Representative
Mazzie	Christensen	Grundy Co.	State of Missouri District 2	Representative
Danny	Busick	Adair Co.	State of Missouri District 3	Representative
Danny	Busick	Sullivan Co.	State of Missouri District 3	Representative
Greg	Sharpe	Adair Co.	State of Missouri District 4	Representative
Greg	Sharpe	Knox Co.	State of Missouri District 4	Representative
Greg	Sharpe	Lewis Co.	State of Missouri District 4	Representative


Louis	Riggs	Marion Co.	State of Missouri District 5	Representative
Ed	Lewis	Macon Co.	State of Missouri District 6	Representative
Ed	Lewis	Randolph Co.	State of Missouri District 6	Representative
Dean	Van Schoiack	DeKalb Co.	State of Missouri District 9	Representative
Tim	Taylor	Randolph Co.	State of Missouri District 48	Representative
Claire	Eubanks	Missouri PSC	Engineering Analysis Dept	
Garrett	Hawkins	President	State of Missouri	Farm Bureau
Drew	Lock	District 2 Board	State of Missouri (Adair Co.)	Farm Bureau
Todd	Hays	Vice President	State of Missouri (Marion Co.)	Farm Bureau
Jason	Kurtz	District 1 Board	State of Missouri (Holt Co.)	Farm Bureau

F. Community Representative Forum Presentation







Northern Missouri Grid
TRANSFORMATION PROGRAM



WELCOME!

Community Representative Forums
July 2024





Agenda

 Safety Moment	 Question and Answer
 Introductions	 Mapping Exercise
 Presentation	 Wrap Up and Next Steps



Safety Moment

- Stay hydrated during summer heat
- Restrooms
- Storm shelter areas
- Evacuation plan and emergency exits



Introductions



- Name
- Agency
- Role
- What are you most interested to learn today?



Northern Missouri Grid
TRANSFORMATION PROGRAM

Goals of Today's Forum

- Introduce the program & project
- Gather community insights
- Collect data to support the routing process
- Identify questions prior to future public engagement



Northern Missouri Grid
TRANSFORMATION PROGRAM



- Project Management
- Stakeholder & Public Engagement
- Engineering
- Real Estate
- Construction
- Environmental & Permitting



MJMEUC

Collaborative Partners



Real Estate



Routing



Northern Missouri Grid
TRANSFORMATION PROGRAM

Northern Missouri Grid

TRANSMISSION COMPANY OF AMEREN

Program Overview



MISO-Approved Project

The Program is part of an initiative from Midcontinent Independent System Operator (MISO), an independent member organization that works with midwestern states and Manitoba, Canada, to ensure reliable, resilient and affordable energy for the region.

Visit misoenergy.org to learn more.



Northern Missouri Grid
TRANSMISSION COMPANY OF AMEREN

MISO LRTP

MISO's larger energy initiative is known as Long Range Transmission Planning (LRTP) and is being developed to improve the ability to move energy across the Midwest—reliably and at the lowest possible cost.

It has various stages called Tranches. The Northern Missouri Corridor is part of the LRTP Tranche 1.

Northern Missouri Corridor

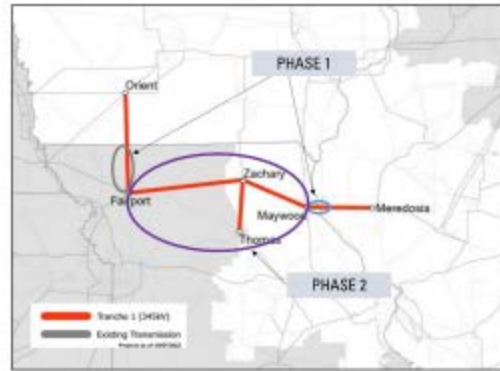


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Program Area

Ameren Transmission Company of Illinois (ATXI) has been selected by MISO to develop three projects in Missouri:

- Fairport-Denny-Iowa/Missouri border (FDIM)
- Maywood-Mississippi River Crossing (MMRX)
- Denny-Zachary-Thomas Hill-Maywood



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Program Benefits

- ⚡ Increasing transmission capacity to meet changing energy needs.
- ✓ Supporting lower energy supply costs.
- 🏠 Improving energy reliability for the surrounding region and local communities.
- 🔄 Promoting access to diverse energy sources.
- 📍 Growing economic development opportunities.



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FDIM & MMRX Projects



Filed CCN application and proposed routes to Missouri Public Service Commission on 7/16/24.



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Denny-Zachary-Thomas Hill-Maywood Project

- Over 200 miles of new transmission lines
- Upgrades to three substations
- Three segments
- Ten counties



Northern Missouri Grid
TRANSMISSION PROGRAM

Schedule

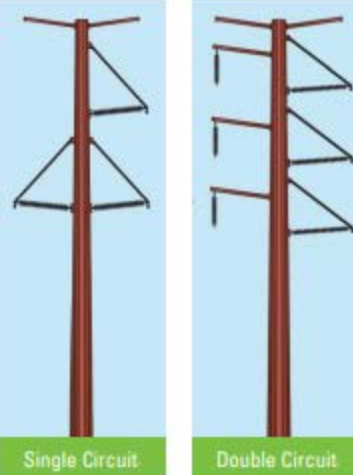


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Typical New Structures

- Steel monopoles
- 80-140 feet tall
- 7-8 structures per mile
- Average span range of 700-900 feet between structures
- Clearance at minimum of 25 ft to grade

*graphics not to scale & for informational purposes only



Single Circuit

Double Circuit



Easement Needs

- Right-of-way and easements will vary depending upon line segment and location
- Typical right-of-way is 75 ft. from the centerline on both sides



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Routing



Routing Process



Northern Missouri Grid
TRANSFORMATION PROGRAM

Routing a Transmission Line

Our goal is to take advantage of Opportunities while understanding and minimizing impacts to Sensitivities and adhering to Technical Guidelines and Statutory Requirements.

- Opportunities ← Public Input
- Sensitivities
- Technical Guidelines
- Statutory Requirements



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Opportunities and Sensitivities



OPPORTUNITIES

Linear features that are oriented in the direction of the project

- Field lines
- Property lines
- Section lines
- Roads
- Utility corridors

SENSITIVITIES

Area resources or conditions that can potentially limit transmission line development

- Agricultural practices
- Airports/VOL
- Cemeteries
- Communication Towers
- Conservation Areas/Nature Preserves
- Cultural Resources
- Planned Development (natural)
- Roadways
- Areas difficult construction and heavy loads
- Rare sensitive species
- Flood
- Hospitals
- Karst Areas
- Lakes
- Marsh/Coastal
- Pipelines*
- Railroads*
- Religious Facilities
- Right-of-way
- (especially large clusters of trees)
- Scenic Highways
- Schools/Daycares
- Streams/Channels
- Wells

*Some facilities with additional restrictions and safety issues



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Technical Guidelines

- Minimize length
- Ensure adequate access for construction and maintenance activities
- Comply with horizontal and vertical clearance requirements
- Maintain required or sufficient setbacks from roads and highways
- Minimize angles
- Minimize crossing of existing transmission lines
- Minimize impractical construction requirements
- Minimize non-standard designs
- Ensure safety and compatibility with existing land uses



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Agency Coordination



Northern Missouri Grid
TRANSFORMATION PROGRAM

Northern Missouri Grid

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What's Happening in Your Community



Denny-Zachary-Thomas Hill-Maywood Project

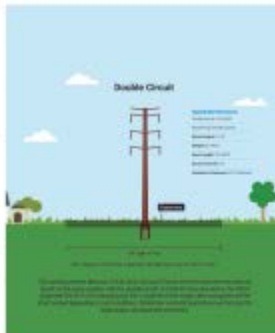
- Over 200 miles of new transmission lines
- Upgrades to existing Ameren substations
- Three segments
- Ten counties



Northern Missouri Grid
TRANSFORMATION PROGRAM

Zachary-Thomas Hill Line Segment

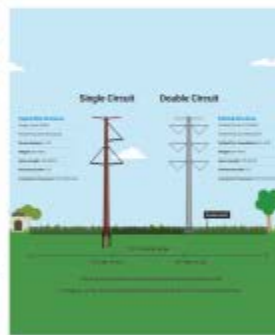
- Approx. 44 miles
- Removal of existing H frames
- Rebuilt double circuit steel monopole 345/161 kV



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Zachary-Maywood Line Segment

- Approx. 60 miles
- Single 345 kV
- Majority of line segment parallels existing steel monopole corridor with overlapping easements



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Denny-Zachary Line Segment

- Approx. 102-105 miles
- Single 345 kV paralleling existing/new line (MISO selected)
- OR
- Double circuit 345kV/161kV (regulatory req.)



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Questions?



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Mapping Discussion



Opportunities and Sensitivities Recap



OPPORTUNITIES

Linear features that are aligned in the direction of the project:

- Field lines
- Property lines
- Section lines
- Roads
- Utility corridors

SENSITIVITIES

Area resources or conditions that can potentially limit transmission line development:

- Agricultural conflicts
- Airports/VOR
- Cemeteries
- Communication Towers
- Conservation Areas/Status Preserves
- Cultural Resources
- Planned Development Natural
- Right-of-Way
- Sensitive species
- Forest
- Wetlands
- Kato Areas
- Leases
- Military Districts
- Pipelines*
- Railroads**
- Religious Facilities
- Reservoirs
- (Especially large clusters of farms)
- Scenic Highways
- School/Districts
- Shading/Wetlands
- Wells

*Some facilities will still be constructed with buffer created



Northern Missouri Grid
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Northern Missouri Grid

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Engagement



Website



Northern Missouri Grid Transformation Program

Ameren Transmission Company of Illinois (ATCI), Missouri Transmission Company (MTC) and several independent entities working together to build a more reliable and resilient energy grid for the future.

The Northern Missouri Grid Transformation Program includes approximately 1,000 miles of new transmission lines across northern Missouri, it also includes building a new substation and upgrading existing substations. The program includes approximately 1,000 miles of new and existing lines across northern Missouri County.

With an additional 1,000 miles of lines to be installed over time, the program will improve the grid for the future by adding transmission capacity. The program will also ensure energy reliability and maintain a continuously growing interest in energy resources for the future. Missouri transmission and the region. Visit our website www.Ameren.com/NorthernMOGrid



Program Benefits

- Increased transmission capacity
- Supporting clean energy investments
- Improving energy reliability for the surrounding communities




Visit our website: www.Ameren.com/NorthernMOGrid



Northern Missouri Grid
TRANSMISSION PROGRAM

We Need Your Feedback!

-  Open houses in August 2024
-  Virtual engagement opportunities
-  Ongoing communication with stakeholders and landowners throughout the project
-  Communication tools: email, hotline and website



Interactive mapping and comments feature available in August on our website:
www.Ameren.com/NorthernMOGrid



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Thank You!

We appreciate your time and feedback provided today!


connect@AmerenGridMO.com | 833.799.1633 | Ameren.com/NorthernMOGrid



8. Community Representative Forum Comment Form

Northern Missouri Grid

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MJMEUC

COMMUNITY REPRESENTATIVE FORUM INPUT SURVEY

Name: _____

Organization/Agency: _____

Email: _____ Phone: _____

Which county/counties within the program area do you represent? (Check all that apply)

<input type="checkbox"/> Adams	<input type="checkbox"/> Knox	<input type="checkbox"/> Randolph
<input type="checkbox"/> DeWitt	<input type="checkbox"/> Lewis	<input type="checkbox"/> Sullivan
<input type="checkbox"/> DeKalb	<input type="checkbox"/> Mecon	
<input type="checkbox"/> Grundy	<input type="checkbox"/> Marion	

What information presented today was helpful?

Is there any additional information, question and/or concern we should we cover at our public open houses?


For the Denny-Zachary line segment, which routing option do you prefer? Why? (Check one.)

MISD Selected Option Paralleling Construction Double Circuit Construction

Is there anyone in the community that you would recommend we reach out to prior to our public open houses? Provide their name, organization/agency/title and contact info if possible.

Northern Missouri Grid

TRANSFORMATION PROGRAM



MJMEUC

COMMUNITY REPRESENTATIVE FORUM INPUT SURVEY

What communication channels does your community prefer? Check all that apply.

<input type="checkbox"/> Mail	<input type="checkbox"/> Newspaper: (list paper) _____
<input type="checkbox"/> Email	<input type="checkbox"/> Radio: (list station) _____
<input type="checkbox"/> Social Media	<input type="checkbox"/> Other: (list) _____

Do you have any suggestions for other forms of engagement that do not require access to strong internet connection?

General remarks/comments

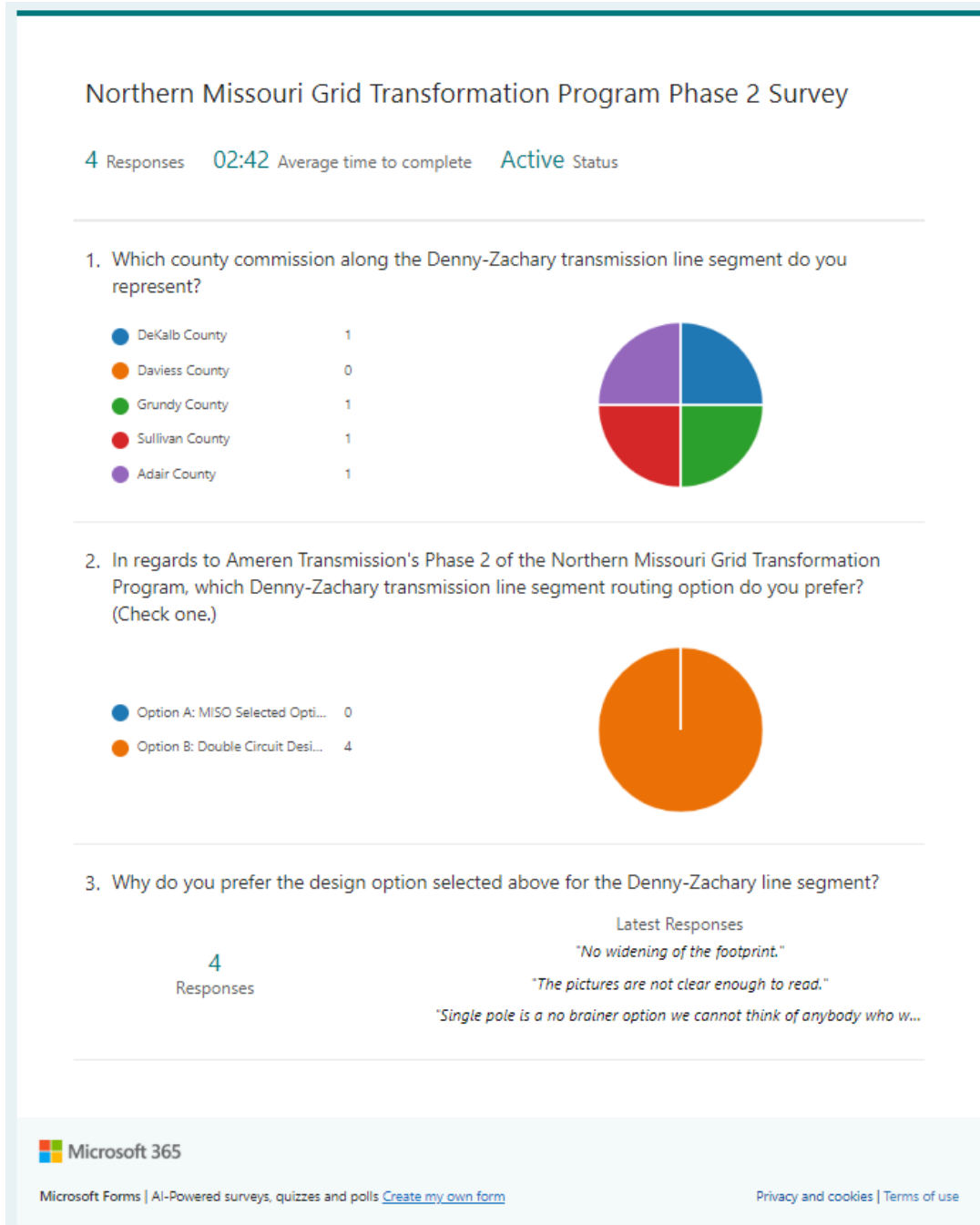
Would you like our team to follow up with you concerning any information presented at the meeting today? (If yes, please make sure your contact information is provided on the first page).

Yes, I need follow up information regarding: (list below) _____

No

Thank you for providing your valuable feedback! We look forward to developing this critical energy investment for Northern Missouri communities.

9. County Commission Survey Feedback



Part 2. In-Person Open House Engagement

A. Summary Data and Results

Schedule and Locations of Open Houses

County	Meeting Date	Meeting Times	Meeting Location
Dekalb	Tuesday August 20, 2024	11am – 1pm 5pm -7 pm	Dekalb County Youth Building 107 E. 6 Highway Maysville, MO 64469
Daviess	Tuesday August 20, 2024	11am – 1pm 5pm -7 pm	Daviess County Library 306 W. Grand Gallatin, MO 64640
Grundy	Wednesday August 21, 2024	11am – 1pm 5pm -7 pm	The Christian Book Store 1108 Main Street Trenton, MO 64683
Sullivan	Wednesday August 21, 2024	11am – 1pm 5pm -7 pm	Sullivan County Community Center 205 N. Market Milan, MO 63556
Randolph	Thursday August 22, 2024	11am – 1pm 5pm -7 pm	The Bierman 214 North 4 th Moberly, MO 65270
Macon	Thursday August 22, 2024	11am – 1pm 5pm -7 pm	Nolands Catering 3002 Jims Road Macon, MO 63552
Marion	Tuesday August 27, 2024	11am – 1pm 5pm -7 pm	Palmyra American Legion 600 Short Street Palmyra, MO 63461
Lewis	Tuesday August 27, 2024	11am – 1pm 5pm -7 pm	Gather 507 Clark Street Canton, MO 63435
Adair	Wednesday August 28, 2024	11am – 1pm 5pm -7 pm	White Oaks Barn 23255 State Hwy 11 Kirksville, MO 63501
Knox	Wednesday August 28, 2024	11am – 1pm 5pm -7 pm	Knights of Columbus 709 N. Main St. Edina, MO 63537

Newspaper Advertisements Announcing Open Houses

County	Newspaper
Adair	Kirksville Daily Express
Daviess	Tri County Weekly
Dekalb	Dekalb County Record Herald
Grundy	Tri County Weekly
Knox	Edina Sentinel
Lewis	Press News Journal

Macon	Macon County Home Press
Marion	Hannibal Courier Post
Randolph	Moberly Monitor
Sullivan	Sullivan Independent News

Postcard Invitations Sent to Potentially Affected Landowners

County	Number of Postcards Mailed	Date of Mailing
Adair	315	August 8, 2024
Daviess	173	August 6, 2024
Dekalb	54	August 6, 2024
Grundy	167	August 6, 2024
Knox	78	August 8, 2024
Lewis	22	August 8, 2024
Macon	97	August 6, 2024
Marion	66	August 6, 2024
Randolph	12	August 8, 2024
Sullivan	309	August 6, 2024
TOTAL Postcards Mailed	1,293	

**Open House Attendance
(Number of Persons Who Signed In)**

County	11 a.m. to 1 p.m. Open House	5 p.m. to 7 p.m. Open House	Total Attendees
Adair	71	49	120
Daviess	20	4	24
Dekalb	9	8	17
Grundy	10	7	17
Knox	13	23	36
Lewis	5	7	12
Macon	5	17	22
Marion	9	10	19
Randolph	5	7	12
Sullivan	28	10	38
TOTALS	175	142	317

Number of Public Comments Received from All Counties

Channel	Number of Public Comments
In Person Open House (GIS & tabletop maps)	101
Comment Forms Completed at Open Houses	53
Comment Forms post-Open Houses	54
Online Responses to Survey Question	16
Hotline	27
Email	23
Virtual Open House	0
TOTAL COMMENTS	274

Results of Survey of Landowners and Community Representatives

Regarding MISO Option A and Double Circuit Option B

Set of Responses	Number of Responses to Question	Percent Favoring MISO Option A	Percent Favoring Double Circuit Option B
CRF Surveys¹	19	0%	100%
Public Surveys²	114	9.6%	90.4%
CRF & Public Surveys³	133	8.3%	91.7%
<p>1. Number of responses reflects 22 CRF comment forms completed at Community Representative Forums, less 3 CRF comment forms submitted without a response to this question.</p> <p>2. Number of responses reflects 123 responses received via public comment forms submitted at open houses and thereafter and from online responses, less 9 public comment forms submitted without a response to this question.</p> <p>3. Number of responses reflects 22 comment forms completed at Community Representative Forums (CRF), plus 123 responses received via public comment forms submitted at open houses and thereafter and from online responses, less 3 CRF and 9 public comment forms submitted without a response to this question.</p>			

B. Open House Notifications

1. Postcard Invitations to Potentially Affected Landowners

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CONTRACT LAND STAFF, LLC
 Attn: Northern Missouri Grid Transformation Program
 555 Washington Avenue, Suite 310
 St. Louis, MO 63101

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 U.S. Postage
 PAID
 St. Louis, MO
 Permit No. 1287

We'd like to connect with you about the Northern Missouri Grid Transformation Program.

Open this notice to learn more.

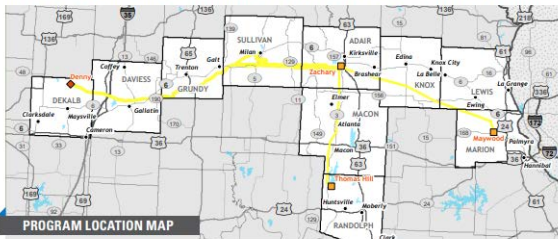
connect@AmerenGridMO.com

1.833.799.1633

Ameren.com/NorthernMoGrid

Northern Missouri Grid Transformation Program

The Denny-Zachary-Thomas Hill-Maywood (DZTM) Project includes the construction of over 200 miles of new 345 kV transmission lines with three transmission line segments. The first new line segment of the project will run approximately 100 miles from ATXI's new Denny substation in DeKalb County to ATXI's existing Zachary substation near Kirksville, Missouri. A second new line segment, approximately 60 miles, will connect the existing Zachary substation to ATXI's existing Maywood substation near Palmyra, Missouri. A vast majority of the Zachary-Maywood line segment will be built along an existing corridor. The Project's third line segment consists of 44 miles rebuilt on Ameren's existing transmission corridor from the Zachary substation to AEC's existing Thomas Hill substation in Randolph County. The project includes upgrades to the existing Ameren substations.



PROGRAM BENEFITS

Increasing transmission capacity to meet changing energy needs.

Supporting lower energy supply costs.

Improving energy reliability for the surrounding region and local communities.

Promoting access to diverse energy sources.

Growing economic development opportunities.

WE NEED YOUR INPUT

We look forward to connecting with community members, landowners and stakeholders to learn as much as we can about your area to help us develop this program. Thank you for your time and feedback as we work to improve energy reliability for your community.

ADAIR COUNTY IN PERSON OPEN HOUSE

We welcome your attendance at our in person open houses in your county. Each open house will provide the same information including a program overview and detailed maps to review and collect input. Each open house will begin and conclude with an opportunity for attendees to gather information and speak one-on-one with project staff and experts.

AUGUST 2024											
	1	2	3								
4	5	6	7	8	9	10					
11	12	13	14	15	16	17					
18	19	20	21	22	23	24					
25	26	27	28	29	30	31					

Wednesday, August 28, 2024
 11:00 AM – 1:00 PM
 and 5:00 PM – 7:00 PM

A general overview presentation will also be presented during each meeting at 11:30 am and 5:30 pm.

White Oaks Barn
 23255 State HWY 11
 Kirksville, MO 63501

SCAN ME

VIRTUAL ENGAGEMENT

Scan this QR code with your smartphone to explore our self-paced, virtual engagement and comment map starting August 19th.

Visit the website to see additional engagement opportunities in the program area.

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Ameren.com/NorthernMoGrid
connect@AmerenGridMO.com
1.833.799.1633

Northern Missouri Grid
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CONTRACT LAND STAFF, LLC
 Attn: Northern Missouri Grid Transformation Program
 555 Washington Avenue, Suite 310
 St. Louis, MO 63101

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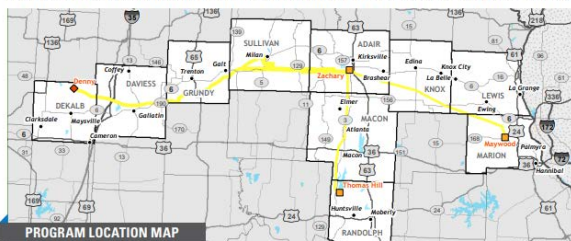
connect@AmerenGridMO.com

1.833.799.1633

Ameren.com/NorthernMoGrid

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4	5	6	7	8	9	10					
11	12	13	14	15	16	17					
18	19	20	21	22	23	24					
25	26	27	28	29	30	31					

Tuesday, August 20, 2024
 11:00 AM – 1:00 PM
 and 5:00 PM – 7:00 PM

A general overview presentation will also be presented during each meeting at 11:30 am and 5:30 pm.

Daviss County Library
 306 W. Grand
 Gallatin, MO 64640

SCAN ME

VIRTUAL ENGAGEMENT

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connect@AmerenGridMO.com
1.833.799.1633

Northern Missouri Grid

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Attn: Northern Missouri Grid Transformation Program
555 Washington Avenue, Suite 310
St. Louis, MO 63101

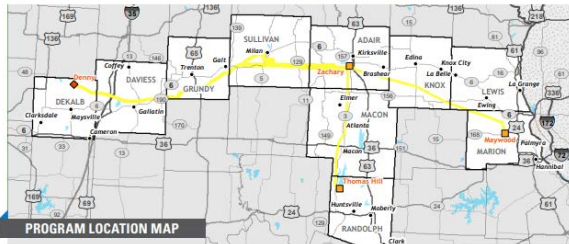
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- Open this notice to learn more.
- connect@AmerenGridMO.com
- 1.833.799.1633
- Ameren.com/NorthernMoGrid

Northern Missouri Grid Transformation Program

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PROGRAM LOCATION MAP

PROGRAM BENEFITS

- Increasing transmission capacity to meet changing energy needs.
- Supporting lower energy supply costs.
- Improving energy reliability for the surrounding region and local communities.
- Promoting access to diverse energy sources.
- Growing economic development opportunities.

WE NEED YOUR INPUT

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DEKALB COUNTY IN PERSON OPEN HOUSE

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AUGUST 2024		
	1	2 3
4	5 6 7	8 9 10
11	12 13 14	15 16 17
18 19	20 21	22 23 24
25 26 27 28	29 30 31	

Tuesday, August 20, 2024
11:00 AM – 1:00 PM
and 5:00 PM – 7:00 PM

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DeKalb County Youth Building
107 E. 6 Highway
Maysville, MO 64469



VIRTUAL ENGAGEMENT

Scan this QR code with your smartphone to explore our self-paced, virtual engagement and comment map starting August 19th.

Visit the website to see additional engagement opportunities in the program area.

Northern Missouri Grid
TRANSFORMATION PROGRAM

- Ameren.com/NorthernMoGrid
- connect@AmerenGridMO.com
- 1.833.799.1633

Northern Missouri Grid

TRANSFORMATION PROGRAM



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Attn: Northern Missouri Grid Transformation Program
555 Washington Avenue, Suite 310
St. Louis, MO 63101

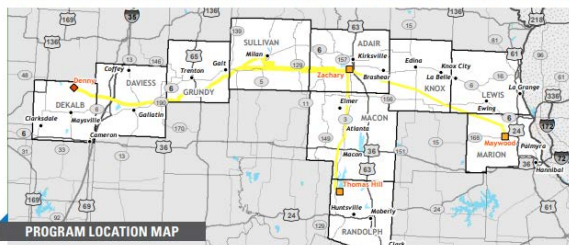
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PROGRAM LOCATION MAP

PROGRAM BENEFITS

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- Supporting lower energy supply costs.
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AUGUST 2024		
	1	2 3
4	5 6 7	8 9 10
11	12 13 14	15 16 17
18 19 20	21	22 23 24
25 26 27 28 29 30 31		

Wednesday, August 21, 2024
11:00 AM – 1:00 PM
and 5:00 PM – 7:00 PM

A general overview presentation will also be presented during each meeting at 11:30 am and 5:30 pm.

The Christian Bookstore
1108 Main St.
Trenton, MO 64683



VIRTUAL ENGAGEMENT

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Northern Missouri Grid
TRANSFORMATION PROGRAM

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- connect@AmerenGridMO.com
- 1.833.799.1633

Northern Missouri Grid
TRANSFORMATION PROGRAM



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Attn: Northern Missouri Grid Transformation Program
555 Washington Avenue, Suite 310
St. Louis, MO 63101

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We'd like to connect with you about the Northern Missouri Grid Transformation Program.

Open this notice to learn more.

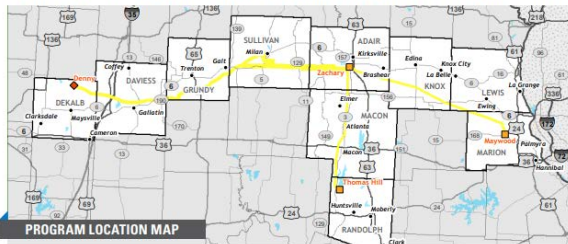
connect@AmerenGridMO.com

1.833.799.1633

Ameren.com/NorthernMoGrid

Northern Missouri Grid Transformation Program

The Denny-Zachary-Thomas Hill-Maywood (DZTM) Project includes the construction of over 200 miles of new 345 kV transmission lines with three transmission line segments. The first new line segment of the project will run approximately 100 miles from ATXI's new Denny substation in DeKalb County to ATXI's existing Zachary substation near Kirksville, Missouri. A second new line segment, approximately 60 miles, will connect the existing Zachary substation to ATXI's existing Maywood substation near Palmyra, Missouri. A vast majority of the Zachary-Maywood line segment will be built along an existing corridor. The Project's third line segment consists of 44 miles rebuilt on Ameren's existing transmission corridor from the Zachary substation to AEO's existing Thomas Hill substation in Randolph County. The project includes upgrades to the existing Ameren substations.



PROGRAM BENEFITS

- Increasing transmission capacity to meet changing energy needs.
- Supporting lower energy supply costs.
- Improving energy reliability for the surrounding region and local communities.
- Promoting access to diverse energy sources.
- Growing economic development opportunities.

WE NEED YOUR INPUT

We look forward to connecting with community members, landowners and stakeholders to learn as much as we can about your area to help us develop this program. Thank you for your time and feedback as we work to improve energy reliability for your community.

KNOX COUNTY IN PERSON OPEN HOUSE

We welcome your attendance at our in person open houses in your county. Each open house will provide the same information including a program overview and detailed maps to review and collect input. Each open house will begin and conclude with an opportunity for attendees to gather information and speak one-on-one with project staff and experts.

AUGUST 2024						
		1	2	3		
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Wednesday, August 28, 2024
11:00 AM – 1:00 PM
and 5:00 PM – 7:00 PM

A general overview presentation will also be presented during each meeting at 11:30 am and 5:30 pm.

Knights of Columbus
709 N. Main St.
Edina, MO 63537



VIRTUAL ENGAGEMENT

Scan this QR code with your smartphone to explore our self-paced, virtual engagement and comment map starting August 19th.

Visit the website to see additional engagement opportunities in the program area.

Northern Missouri Grid
TRANSFORMATION PROGRAM

Ameren.com/NorthernMoGrid connect@AmerenGridMO.com 1.833.799.1633

Northern Missouri Grid
TRANSFORMATION PROGRAM



CONTRACT LAND STAFF, LLC
Attn: Northern Missouri Grid Transformation Program
555 Washington Avenue, Suite 310
St. Louis, MO 63101

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USPS Postage
PAID
St. Louis, Mo.
Permit No. 1027

We'd like to connect with you about the Northern Missouri Grid Transformation Program.

Open this notice to learn more.

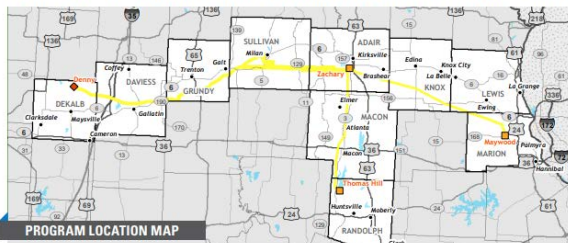
connect@AmerenGridMO.com

1.833.799.1633

Ameren.com/NorthernMoGrid

Northern Missouri Grid Transformation Program

The Denny-Zachary-Thomas Hill-Maywood (DZTM) Project includes the construction of over 200 miles of new 345 kV transmission lines with three transmission line segments. The first new line segment of the project will run approximately 100 miles from ATXI's new Denny substation in DeKalb County to ATXI's existing Zachary substation near Kirksville, Missouri. A second new line segment, approximately 60 miles, will connect the existing Zachary substation to ATXI's existing Maywood substation near Palmyra, Missouri. A vast majority of the Zachary-Maywood line segment will be built along an existing corridor. The Project's third line segment consists of 44 miles rebuilt on Ameren's existing transmission corridor from the Zachary substation to AEO's existing Thomas Hill substation in Randolph County. The project includes upgrades to the existing Ameren substations.



PROGRAM BENEFITS

- Increasing transmission capacity to meet changing energy needs.
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WE NEED YOUR INPUT

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LEWIS COUNTY IN PERSON OPEN HOUSE

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AUGUST 2024						
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11	12	13	14	15	16	17
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25	26	27	28	29	30	31

Tuesday, August 27, 2024
11:00 AM – 1:00 PM
and 5:00 PM – 7:00 PM

A general overview presentation will also be presented during each meeting at 11:30 am and 5:30 pm.

Gather
507 Clark Street
Canton, MO 63435



VIRTUAL ENGAGEMENT

Scan this QR code with your smartphone to explore our self-paced, virtual engagement and comment map starting August 19th.

Visit the website to see additional engagement opportunities in the program area.

Northern Missouri Grid
TRANSFORMATION PROGRAM

Ameren.com/NorthernMoGrid connect@AmerenGridMO.com 1.833.799.1633

Northern Missouri Grid

TRANSFORMATION PROGRAM



CONTRACT LAND STAFF, LLC
Attn: Northern Missouri Grid Transformation Program
555 Washington Avenue, Suite 310
St. Louis, MO 63101

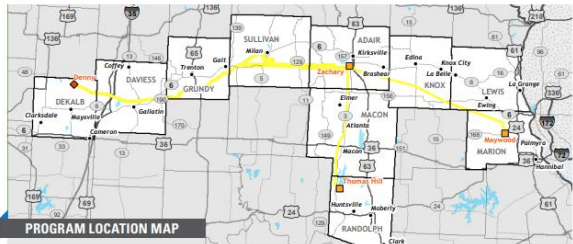
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St. Louis, Mo.
Permit No. 1037

We'd like to connect with you about the Northern Missouri Grid Transformation Program.

- Open this notice to learn more.
- connect@AmerenGridMO.com
- 1.833.799.1633
- Ameren.com/NorthernMoGrid

Northern Missouri Grid Transformation Program

The Denny-Zachary-Thomas Hill-Maywood (DZTM) Project includes the construction of over 200 miles of new 345 kV transmission lines with three transmission line segments. The first new line segment of the project will run approximately 100 miles from ATXI's new Denny substation in DeKalb County to ATXI's existing Zachary substation near Kirksville, Missouri. A second new line segment, approximately 60 miles, will connect the existing Zachary substation to ATXI's existing Maywood substation near Palmyra, Missouri. A vast majority of the Zachary-Maywood line segment will be built along an existing corridor. The Project's third line segment consists of 44 miles rebuilt on Ameren's existing transmission corridor from the Zachary substation to AEC's existing Thomas Hill substation in Randolph County. The project includes upgrades to the existing Ameren substations.



PROGRAM BENEFITS

- Increasing transmission capacity to meet changing energy needs.
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WE NEED YOUR INPUT

We look forward to connecting with community members, landowners and stakeholders to learn as much as we can about your area to help us develop this program. Thank you for your time and feedback as we work to improve energy reliability for your community.

MACON COUNTY IN PERSON OPEN HOUSE

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AUGUST 2024						
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Thursday, August 22, 2024
11:00 AM – 1:00 PM
and 5:00 PM – 7:00 PM

A general overview presentation will also be presented during each meeting at 11:30 am and 5:30 pm.

Noland's Catering
3002 Jims Road
Macon, MO 63552



VIRTUAL ENGAGEMENT

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Visit the website to see additional engagement opportunities in the program area.

Northern Missouri Grid
TRANSFORMATION PROGRAM

- Ameren.com/NorthernMoGrid
- connect@AmerenGridMO.com
- 1.833.799.1633

Northern Missouri Grid

TRANSFORMATION PROGRAM



CONTRACT LAND STAFF, LLC
Attn: Northern Missouri Grid Transformation Program
555 Washington Avenue, Suite 310
St. Louis, MO 63101

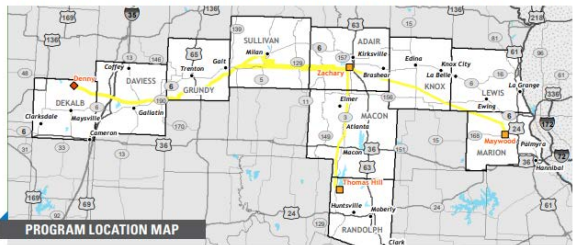
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- Open this notice to learn more.
- connect@AmerenGridMO.com
- 1.833.799.1633
- Ameren.com/NorthernMoGrid

Northern Missouri Grid Transformation Program

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PROGRAM BENEFITS

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WE NEED YOUR INPUT

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MARION COUNTY IN PERSON OPEN HOUSE

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AUGUST 2024						
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18	19	20	21	22	23	24
25	26	27	28	29	30	31

Tuesday, August 27, 2024
11:00 AM – 1:00 PM
and 5:00 PM – 7:00 PM

A general overview presentation will also be presented during each meeting at 11:30 am and 5:30 pm.

Palmyra American Legion
600 Short Street
Palmyra, MO 63461



VIRTUAL ENGAGEMENT

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Visit the website to see additional engagement opportunities in the program area.

Northern Missouri Grid
TRANSFORMATION PROGRAM

- Ameren.com/NorthernMoGrid
- connect@AmerenGridMO.com
- 1.833.799.1633

Northern Missouri Grid

TRANSFORMATION PROGRAM



CONTRACT LAND STAFF, LLC
 Attn: Northern Missouri Grid Transformation Program
 555 Washington Avenue, Suite 310
 St. Louis, MO 63101

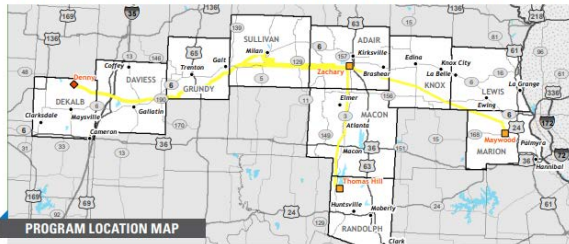
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We'd like to connect with you about the Northern Missouri Grid Transformation Program.

- Open this notice to learn more.
- connect@AmerenGridMO.com
- 1.833.799.1633
- Ameren.com/NorthernMoGrid

Northern Missouri Grid Transformation Program

The Denny-Zachary-Thomas Hill-Maywood (DZTM) Project includes the construction of over 200 miles of new 345 kV transmission lines with three transmission line segments. The first new line segment of the project will run approximately 100 miles from ATX's new Denny substation in DeKalb County to ATX's existing Zachary substation near Kirksville, Missouri. A second new line segment, approximately 60 miles, will connect the existing Zachary substation to ATX's existing Maywood substation near Palmyra, Missouri. A vast majority of the Zachary-Maywood line segment will be built along an existing corridor. The Project's third line segment consists of 44 miles rebuilt on Ameren's existing transmission corridor from the Zachary substation to AEC's existing Thomas Hill substation in Randolph County. The project includes upgrades to the existing Ameren substations.



PROGRAM LOCATION MAP

PROGRAM BENEFITS

- Increasing transmission capacity to meet changing energy needs.
- Supporting lower energy supply costs.
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WE NEED YOUR INPUT

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RANDOLPH COUNTY IN PERSON OPEN HOUSE

We welcome your attendance at our in person open houses in your county. Each open house will provide the same information including a program overview and detailed maps to review and collect input. Each open house will begin and conclude with an opportunity for attendees to gather information and speak one-on-one with project staff and experts.

AUGUST 2024									
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11	12	13	14	15	16	17			
18	19	20	21	22	23	24			
25	26	27	28	29	30	31			

Thursday, August 22, 2024
 11:00 AM – 1:00 PM
 and 5:00 PM – 7:00 PM

A general overview presentation will also be presented during each meeting at 11:30 am and 5:30 pm.

The Bierman
 214 North 4th
 Moberly, MO 65270



VIRTUAL ENGAGEMENT

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Visit the website to see additional engagement opportunities in the program area.

Northern Missouri Grid
 TRANSFORMATION PROGRAM

Ameren.com/NorthernMoGrid connect@AmerenGridMO.com 1.833.799.1633

Northern Missouri Grid

TRANSFORMATION PROGRAM



CONTRACT LAND STAFF, LLC
 Attn: Northern Missouri Grid Transformation Program
 555 Washington Avenue, Suite 310
 St. Louis, MO 63101

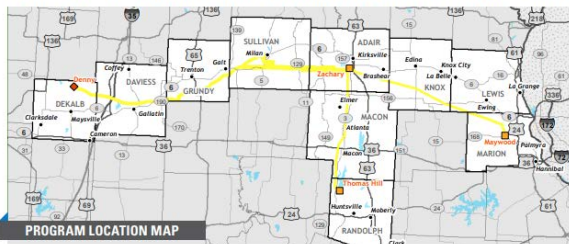
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 Permit No. 1021

We'd like to connect with you about the Northern Missouri Grid Transformation Program.

- Open this notice to learn more.
- connect@AmerenGridMO.com
- 1.833.799.1633
- Ameren.com/NorthernMoGrid

Northern Missouri Grid Transformation Program

The Denny-Zachary-Thomas Hill-Maywood (DZTM) Project includes the construction of over 200 miles of new 345 kV transmission lines with three transmission line segments. The first new line segment of the project will run approximately 100 miles from ATX's new Denny substation in DeKalb County to ATX's existing Zachary substation near Kirksville, Missouri. A second new line segment, approximately 60 miles, will connect the existing Zachary substation to ATX's existing Maywood substation near Palmyra, Missouri. A vast majority of the Zachary-Maywood line segment will be built along an existing corridor. The Project's third line segment consists of 44 miles rebuilt on Ameren's existing transmission corridor from the Zachary substation to AEC's existing Thomas Hill substation in Randolph County. The project includes upgrades to the existing Ameren substations.



PROGRAM LOCATION MAP

PROGRAM BENEFITS

- Increasing transmission capacity to meet changing energy needs.
- Supporting lower energy supply costs.
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- Promoting access to diverse energy sources.
- Growing economic development opportunities.

WE NEED YOUR INPUT

We look forward to connecting with community members, landowners and stakeholders to learn as much as we can about your area to help us develop this program. Thank you for your time and feedback as we work to improve energy reliability for your community.

SULLIVAN COUNTY IN PERSON OPEN HOUSE

We welcome your attendance at our in person open houses in your county. Each open house will provide the same information including a program overview and detailed maps to review and collect input. Each open house will begin and conclude with an opportunity for attendees to gather information and speak one-on-one with project staff and experts.

AUGUST 2024									
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4	5	6	7	8	9	10			
11	12	13	14	15	16	17			
18	19	20	21	22	23	24			
25	26	27	28	29	30	31			

Wednesday, August 21, 2024
 11:00 AM – 1:00 PM
 and 5:00 PM – 7:00 PM

A general overview presentation will also be presented during each meeting at 11:30 am and 5:30 pm.

Sullivan County Community Center
 205 N. Market
 Milan, MO 63556



VIRTUAL ENGAGEMENT

Scan this QR code with your smartphone to explore our self-paced, virtual engagement and comment map starting August 19th.

Visit the website to see additional engagement opportunities in the program area.

Northern Missouri Grid
 TRANSFORMATION PROGRAM

Ameren.com/NorthernMoGrid connect@AmerenGridMO.com 1.833.799.1633

3. Notification to Stakeholders

August 5, 2024

**RE: Northern Missouri Grid Transformation Program- Phase 2
Notice of in-person public open houses and online open house**

Hello,

Ameren Transmission Company of Illinois (ATXI), Missouri Joint Electric Utility Commission (MEC) and Ameren Missouri are proposing Phase 2 of the Northern Missouri Grid Transformation Program to build a more reliable and resilient energy grid for the future. The Northern Missouri Grid Transformation Program's Phase 2 includes the Denny-Zachary-Thomas Hill-Maywood (DZTM) Project with more than 200 miles of new transmission lines across ten counties in Northern Missouri. The first new line segment of the project will run approximately 100 miles from ATXI's new Denny substation in DeKalb County to ATXI's existing Zachary substation near Kirksville, Missouri. A second new line segment, approximately 60 miles, will connect the existing Zachary substation to ATXI's existing Maywood substation near Palmyra, Missouri. A vast majority of the Zachary-Maywood line segment will be built along an existing corridor. The Project's third line segment consists of 44 miles rebuilt on Ameren's existing transmission corridor from the Zachary substation to AECI's existing Thomas Hill substation in Randolph County. The project includes upgrades to the existing Ameren substations. **A Phase 2 study area map is enclosed for your review.**

We are engaging community members, landowners and stakeholders in a series of open houses to provide an opportunity for them to learn more about the program and provide input. We look forward to gathering the public's input to understand the program area from the community's perspective. Detailed maps will be available for review and comment during the engagement opportunities.

A list of open houses is detailed below. Each open house will provide the same information including a program overview and detailed maps to review and collect input. Each open house will begin and conclude with an opportunity for attendees to gather information and speak one-on-one with project staff and experts.

A general overview presentation will also be presented during each meeting at 11:30 am and 5:30 pm. For those unable to attend in-person, a self-paced, online open house will be available on the program website beginning August 19th.

IN-PERSON OPEN HOUSES- 11 am- 1 pm OR 5 pm-7pm

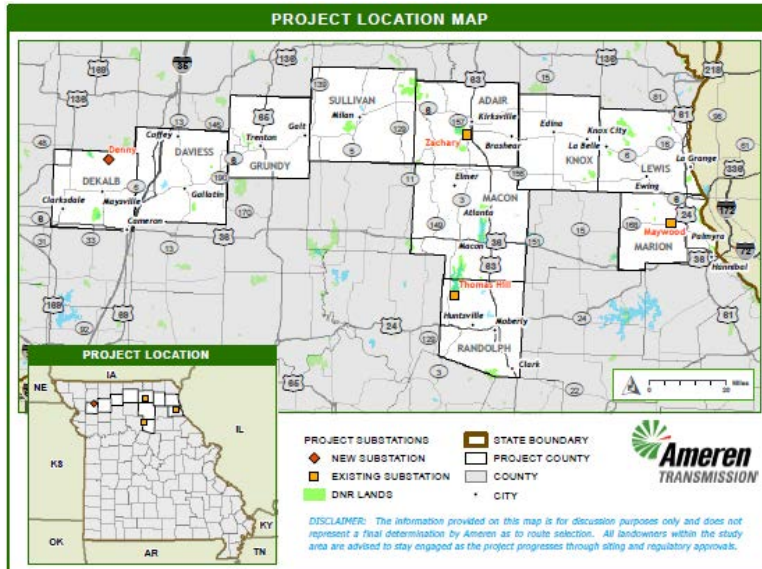
Date	County	Venue	Venue Address
Tues Aug 20th	DeKalb	DeKalb County Youth Building	107 E. 6 Highway, Maysville, MO 64469
Tues Aug 20th	Davess	Davess County Library	306 W. Grand, Gallatin, MO 64640
Wed Aug 21st	Grundy	The Christian Book Store	1108 Main Street, Trenton, MO 64683
Wed Aug 21st	Sullivan	Sullivan County Community Center	205 N. Market, Milan, MO 63556
Thurs Aug 22nd	Randolph	The Bierman	214 North 4th, Moberly, MO 65270
Thurs Aug 22nd	Macon	Noland's Catering	3002 Jims Road, Macon, MO 63562
Tues Aug 27th	Manion	Palmyra American Legion	600 Short Street, Palmyra, MO 63461
Tues Aug 27th	Lewis	Gather	507 Clark Street, Canton, MO 63435
Wed Aug 28th	Adair	White Oaks Barn	23255 State HWY 11, Kirksville, MO 63501
Wed Aug 28th	Knox	Knights of Columbus	709 N. Main St, Edina, MO 63537

For additional information, visit our website at www.Ameren.com/NorthernMoGrid send us an email at connect@AmerenGridMO.com or leave us a message on our hotline at 1.833.799.1633.

Sincerely,

Sam B Morris

Sam Morris, Ameren Project Manager
Enclosures: Phase 2 Program Study Area Map



This letter was sent to all stakeholders listed below, including the affected county clerks, county commissioners, and Missouri Public Service Commission staff member Ms. Claire Eubanks.

4. List of Stakeholders Notified of Open Houses

First Name	Last Name	Agency	Division/Region/District	Title
John	Twitty	MPUA		President & CEO
Connie	Ford	MPUA		Chief Member Services Officer
Ken	Reasoner	MPUA		Chief Financial Officer
John	Grotzinger	MPUA		Chief Electric Operations Officer
Steve	Stodden	MPUA		Director- Transmission & Distribution
Ashton	Day	MPUA		Communications Coordinator
Rebecca	Atkins	MPUA		Chief Markets Officer
Douglas	Healy	MPUA		General Counsel to MPUA
David	Hibbs	USACE	Kansas City District Regulatory Office	Regulatory Chief
Aurora	Scott	USACE	Rock Island District Regulatory Division	Regulatory Chief
Brant	Vollman	USACE	Rock Island District Regulatory Division	Archaeologist
Alexis	Rychaert	USACE	Rock Island District Real Estate Division	Realty Specialist Section 408 Coordinator
Dan	Lange	USACE	Rock Island District Regulatory Division	Project Manager
Julie	Rimbault		Rock Island District Regulatory Division	Regulatory Chief Eastern Branch
Brenna	McDonald		DNR/Missouri Geological Survey	Supervisor, Environmental Assistance Unit
Robert	Gramke	USACE	U.S. Army Corps of Engineers - St. Louis	
Tyson	Zobrist	USACE	U.S. Army Corps of Engineers - St. Louis	
Meg	McCollister	USEPA	Region 7	Regional Administrator
Dana	Skelley	USEPA	Region 7	Director, Water Division
Joe	Summerlin	USEPA	Region 7	Senior NEPA Reviewer
Mike	Sedlacek	USEPA	Region 7	
Kathryn	Bulliner	USFWS	Missouri Ecological Services Field Office	Fish and Wildlife Biologist
Vona	Kuczynska	USFWS	Missouri Ecological Services Field Office	Fish and Wildlife Biologist
Gabriela	Wolf-Gonzalez	USFWS	Missouri Ecological Services Field Office	Fish and Wildlife Biologist
John	Weber	USFWS	Missouri Ecological Services Field Office	Field Supervisor
Kris	Budd	USFWS	Missouri Ecological Services Field Office	
Jordan	Meyer	MDC	Administration and Policy	Jordan.meyer@mdc.mo.gov
Amy	Rubingh	MoDNR	State Historic Preservation Agency	amy.rubingh@dnr.mo.gov

Dawn	Scott	MoDNR	State Historic Preservation Agency	moshpo@dnr.mo.gov
Billy	Hackett	MoDNR	Water Protection Program	401 Water Quality Certification Coordinator
Stuart	Miller	MoDNR	Administration and Policy	Policy Coordinator
Jeff	Alvey	MoDNR	State Historic Preservation Agency	Architectural Historian
Hannah	Humphrey	MoDNR	Director's Office	Deputy Director
Missy	Newman	MoDNR	Director's Office	Staff Coordinator
Dr. Toni	Prawl	MoDNR	State Historic Preservation Agency	Historic Preservation Office Director
Brian	Stith	MoDNR	State Parks	Deputy Director
Michael	Kruse	MoDNR	Watershed Protection	Environmental Project Manager
		MDC	Northwest Regional Office	
		MDC	Northeast Regional Office	
		MODOT	Northwest District	
Marty	Liles	MODOT	Northwest District	District Engineer
Troy	Slagle	MODOT	Northwest District	Assistant District Engineer
Jose	Rodriguez	MODOT	Northwest District	Area Engineer
Michael	Marriott	MODOT	Northwest District	Area Engineer
Jenna	Keyes	MODOT	Northwest District	Communications Manager
		MODOT	Northeast District	
Paula	Gough	MODOT	Northeast District	District Engineer
Kevin	James	MODOT	Northeast District	Assistant District Engineer
Emily	Edgar	MODOT	Northeast District	Area Engineer
Christopher	Peterson	MODOT	Northeast District	Area Engineer
Jeff	Niemeyer	MODOT	Northeast District	Area Engineer
Gerri	Jeffries	MODOT	Northeast District	Communications Manager
		FAA	STL FDSO	
Kyle	Carroll		Dekalb County	County Commissioner
Kyle	White		Dekalb County	District Commissioner
Chet	Owen		Dekalb County	District Commissioner
Jim	Ruse		Daviess County	County Commissioner
David	Cox		Daviess County	District Commissioner
Wayne	Uthe		Daviess County	District Commissioner
Phillip	Ray		Grundy County	County Commissioner
Don	Sager		Grundy County	District Commissioner
Brad	Chumbley		Grundy County	District Commissioner
Chris	May		Sullivan County	County Commissioner
Mike	Helper		Sullivan County	District Commissioner
Rye	Page		Sullivan County	County Commissioner


Danny	Busick		Sullivan County	District Commissioner
Mark	Shahan		Adair County	County Commissioner
Bill	King		Adair County	District Commissioner
Mark	Thompson		Adair County	District Commissioner
Les	Cardwell		Knox County	County Commissioner
Ronnie	Leckbee		Knox County	District Commissioner
Luther	Green		Knox County	District Commissioner
Sidney	Conklin		Randolph County	County Commissioner
John	Tracy		Randolph County	District Commissioner
John	Hobbs		Randolph County	District Commissioner
Dean	Still		Macon County	County Commissioner
Kevin	Souther		Macon County	District Commissioner
			Macon County	District Commissioner
David	Lomax		Marion County	County Commissioner
Larry	Welch		Marion County	Associate Commissioner
Steve	Begley		Marion County	Associate Commissioner
Wayne "Fid"	Murphy, Jr.		Lewis County	County Commissioner
Deanne	Whiston		Lewis County	Norther Commissioner
Travis	Fleer		Lewis County	Southern Commissioner
Michael	Williams			Commissioners Office
Melissa	Meek		Dekalb County	County Clerk
Rachel	Taylor		Daviess County	County Clerk
Courtney	Campbell		Grundy County	County Clerk
Rachael	Hall		Sullivan County	County Clerk
Sandra	Collop		Adair County	County Clerk
Marlene	Spory		Knox County	County Clerk
Terri	Maddox		Randolph County	County Clerk
Tammy	Perkins		Macon County	County Clerk
Marla	Meyers		Marion County	County Clerk
Shannon	Sapp		Lewis County	County Clerk
Kerri	Huffaker		Dekalb County	Chamber of Commerce President
Cheri	Wayne		Daviess County	Chamber of Commerce President
Christina	Chapman Van Yperen		Grundy County	Chamber of Commerce President
John	Craig		Sullivan County	Chamber of Commerce President
Ryan	Bowen		Adair County	Chamber of Commerce President
Jamie	Neal		Knox County	Chamber of Commerce President
Mike	Thompson		Randolph County	Chamber of Commerce President

Meredith	Belt		Macon County	Chamber of Commerce President
Allie	Bennet		Marion County	President of the Chamber of Commerce
Craig	Redman		Lewis County	Chamber of Commerce President
Aaron	Piburn		Daviess County	Daviess County Assessor
			Dekalb County	Farm Bureau
			Daviess County	Farm Bureau
			Grundy County	Farm Bureau
			Sullivan County	Farm Bureau
			Adair County	Farm Bureau
			Knox County	Farm Bureau
			Randolph County	Farm Bureau
			Macon County	Farm Bureau
			Marion County	Farm Bureau
			Lewis County	Farm Bureau
Lacey	Miller			Farm Bureau
Stacy	Harder		Knox County	Farm Bureau
Garrett	Hawkins		State of Missouri	Farm Bureau
Deb	Thummel		Region 4	Missouri Cattlemen's Association
Ethan	McNeill		Region 1	Vice President of the Missouri Cattlemens Association
Dean	VanSchoiach		District 009	Dekalb County Representative
Louis	Riggs		District 005	Marion County Representative
Nicole	Myers			Renew Missouri
Josh	Hawley		State of Missouri	Senator
Eric	Schmitt		State of Missouri	Junior Senator
Bryan	Nichols		State of Missouri	Rep for Congressman Graves Office
Skylar	Wiegmann		Northeast Electric Power	COO
Doug	Aeilts		Northeast Electric Power	CEO
Allie	Bennett		Northeast Electric Power	Manager
John	Stickley		NW Electric Power Cooperative	VP Engineering
Byron	Roach		NW Electric Power Cooperative	PR Manager
John	Kaiser		NW Electric Power Cooperative	
randy@satterfieldconsult.com				
smoskowitz@citizensutilityboard.org				
lscalesllc@gmail.com				

bsoholt@cleangridalliance.org				
kwelf@cleangridalliance.org				
sbrady@cleangridalliance.org				
djester@5lakesenergy.com				
egold@5lakesenergy.com				
lindsay.brice@audubon.org				
gary.moody@audubon.org				
wendy.bredhold@audubon.org				
adam.forrer@audubon.org				
jgignac@ucsusa.org				
breeh@bluegreenalliance.org				
cmarkuson@bluegreenalliance.org				
margrethe.kearney@ef.org				
matthew.anderson@ef.org				
lward@conservativeenergynetwork.org				
cjohnson@landandlibertycoalition.com				
amanda@resource-media.org				
jeff@resource-media.org				
jnorris@sppg.com				
mprorok@gpisd.net				
bwilliams@gpisd.net				
potter@acore.org				
avohs@mncenter.org				
arehn@prairierivers.org				
apankau@prairierivers.org				
christine.nannicelli@sierraclub.org				
custokes@edf.org				
crhicks@edf.org				
sspence@conservativeenergynetwork.org				
krock@bluegreenalliance.org				
Maria	Kuhns			
Matt	Hudson			
Doug	Krigbaum			
Cindy	Hultz			
Lynn	Hodges			
Rebecca	Miller			
Josh	Langhammer			
Tim	Korman			
Laura	Bradshaw			
Mike	Scheib			
Stephanie	Mills			






Anastatia	Tiedemann			
Derek	Weber			
Staci	Mesmer			
Travis	Mathes			
Ethan	McNeill	Mo. Cattlemens Assn.	Region 1	Region 1 V.P.
Deb	Thummel	Mo. Cattlemens Assn.	Region 4	Region 4 V.P.
Josh	Hawley		State of Missouri	Senator
Eric	Schmitt		State of Missouri	Junior Senator
Dan	Hegeman	Senator	State of Missouri District 12	Senator
Cindy	O'Laughlin	Senator	State of Missouri District 18	Senator
Mazzie	Christensen	Daviess Co.	State of Missouri District 2	Representative
Mazzie	Christensen	Grundy Co.	State of Missouri District 2	Representative
Danny	Busick	Adair Co.	State of Missouri District 3	Representative
Danny	Busick	Sullivan Co.	State of Missouri District 3	Representative
Greg	Sharpe	Adair Co.	State of Missouri District 4	Representative
Greg	Sharpe	Knox Co.	State of Missouri District 4	Representative
Greg	Sharpe	Lewis Co.	State of Missouri District 4	Representative
Louis	Riggs	Marion Co.	State of Missouri District 5	Representative
Ed	Lewis	Macon Co.	State of Missouri District 6	Representative
Ed	Lewis	Randolph Co.	State of Missouri District 6	Representative
Dean	Van Schoiack	DeKalb Co.	State of Missouri District 9	Representative
Tim	Taylor	Randolph Co.	State of Missouri District 48	Representative
Claire	Eubanks	Missouri PSC	Engineering Analysis Dept	
Garrett	Hawkins	President	State of Missouri	Farm Bureau
Drew	Lock	District 2 Board	State of Missouri (Adair Co.)	Farm Bureau
Todd	Hays	Vice President	State of Missouri (Marion Co.)	Farm Bureau
Jason	Kurtz	District 1 Board	State of Missouri (Holt Co.)	Farm Bureau

5. Newspaper Advertisements

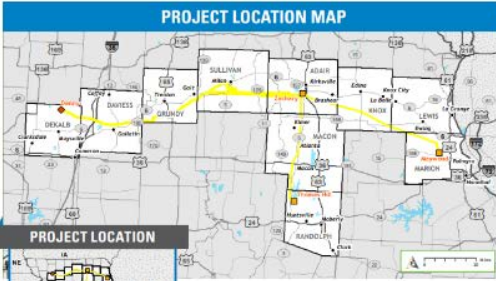

Northern Missouri Grid
TRANSFORMATION PROGRAM

The Denny-Zachary-Thomas Hill-Maywood (DZTM) Project includes the construction of over 200 miles of new 345 kV transmission lines with three transmission line segments. The first new line segment of the project will run approximately 100 miles from ATXI's new Denny substation in DeKalb County to ATXI's existing Zachary substation near Kirksville, Missouri. A second new line segment, approximately 60 miles, will connect the existing Zachary substation to ATXI's existing Maywood substation near Palmyra, Missouri. A vast majority of the Zachary-Maywood line segment will be built along an existing corridor. The Project's third line segment consists of 44 miles rebuilt on Ameren's existing transmission corridor from the Zachary substation to AECI's existing Thomas Hill substation in Randolph County. The project includes upgrades to the existing Ameren substations.

PROGRAM BENEFITS




-  Increasing transmission capacity to meet changing energy needs.
-  Promoting access to diverse energy sources.
-  Supporting lower energy supply costs.
-  Growing economic development opportunities.
-  Improving energy reliability for the surrounding region and local communities.

PROJECT LOCATION MAP






PROJECT LOCATION

PROJECT SUBSTATIONS


-  NEW SUBSTATION
-  EXISTING SUBSTATION
-  STUDY AREA

STATE BOUNDARY


-  PROJECT COUNTY
-  COUNTY
-  CITY

DISCLAIMER: The information provided on this map is for information purposes only and does not represent a final determination by Ameren or its third parties. All stakeholders within the study area are advised to stay engaged in the project processes through filing and regulatory approval.

ADAIR COUNTY IN PERSON OPEN HOUSE




Wednesday, August 28, 2024
11:00 AM – 1:00 PM
and 5:00 PM – 7:00 PM



White Oaks Barn
23255 State HWY 11
Kirksville, MO 63501






Visit the website to see additional engagement opportunities in the program area.

Ameren.com/NorthernMoGrid

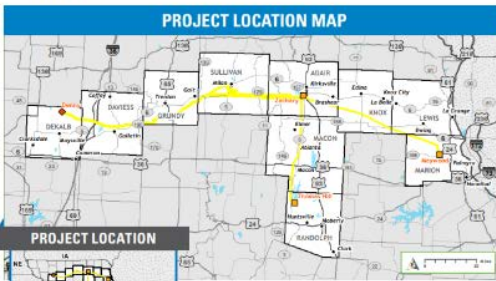

Northern Missouri Grid
TRANSFORMATION PROGRAM

The Denny-Zachary-Thomas Hill-Maywood (DZTM) Project includes the construction of over 200 miles of new 345 kV transmission lines with three transmission line segments. The first new line segment of the project will run approximately 100 miles from ATXI's new Denny substation in DeKalb County to ATXI's existing Zachary substation near Kirksville, Missouri. A second new line segment, approximately 60 miles, will connect the existing Zachary substation to ATXI's existing Maywood substation near Palmyra, Missouri. A vast majority of the Zachary-Maywood line segment will be built along an existing corridor. The Project's third line segment consists of 44 miles rebuilt on Ameren's existing transmission corridor from the Zachary substation to AECI's existing Thomas Hill substation in Randolph County. The project includes upgrades to the existing Ameren substations.

PROGRAM BENEFITS




-  Increasing transmission capacity to meet changing energy needs.
-  Promoting access to diverse energy sources.
-  Supporting lower energy supply costs.
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PROJECT LOCATION MAP






PROJECT LOCATION

PROJECT SUBSTATIONS


-  NEW SUBSTATION
-  EXISTING SUBSTATION
-  STUDY AREA

STATE BOUNDARY


-  PROJECT COUNTY
-  COUNTY
-  CITY

DISCLAIMER: The information provided on this map is for information purposes only and does not represent a final determination by Ameren or its third parties. All stakeholders within the study area are advised to stay engaged in the project processes through filing and regulatory approval.

DAVIESS COUNTY IN PERSON OPEN HOUSE



Tuesday, August 20, 2024
11:00 AM – 1:00 PM
and 5:00 PM – 7:00 PM



Daviess County Library
306 W. Grand
Callatin, MO 64640

Visit the website to see additional engagement opportunities in the program area.

Ameren.com/NorthernMoGrid

County: Adair

Publication:
Kirksville Daily Express

County: Daviess

Publication:
Tri-County Weekly

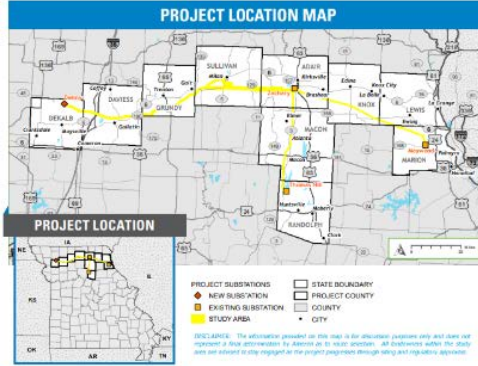


Northern Missouri Grid TRANSFORMATION PROGRAM

The Denny-Zachary-Thomas Hill-Maywood (DZTM) Project includes the construction of over 200 miles of new 345 kV transmission lines with three transmission line segments. The first new line segment of the project will run approximately 100 miles from ATXI's new Denny substation in DeKalb County to ATXI's existing Zachary substation near Kirksville, Missouri. A second new line segment, approximately 60 miles, will connect the existing Zachary substation to ATXI's existing Maywood substation near Palmyra, Missouri. A vast majority of the Zachary-Maywood line segment will be built along an existing corridor. The Project's third line segment consists of 44 miles rebuilt on Ameren's existing transmission corridor from the Zachary substation to AECI's existing Thomas Hill substation in Randolph County. The project includes upgrades to the existing Ameren substations.

PROGRAM BENEFITS

- ⚡ Increasing transmission capacity to meet changing energy needs.
- 📈 Promoting access to diverse energy sources.
- ✅ Supporting lower energy supply costs.
- 📍 Growing economic development opportunities.
- 🏠 Improving energy reliability for the surrounding region and local communities.



DEKALB COUNTY IN PERSON OPEN HOUSE



Tuesday, August 20, 2024
11:00 AM – 1:00 PM
and 5:00 PM – 7:00 PM



DeKalb County Youth Building
107 E. 6 Highway
Maysville, MO 64469

Visit the website to see additional engagement opportunities in the program area.

Ameren.com/NorthernMoGrid

County: DeKalb

Publication:
DeKalb County Record Herald

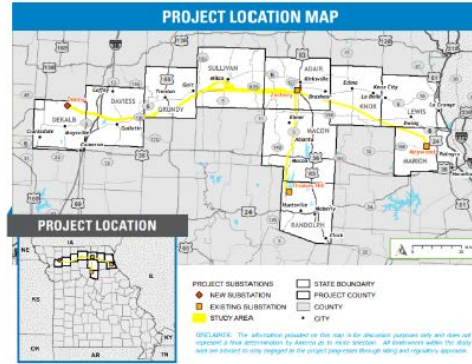


Northern Missouri Grid TRANSFORMATION PROGRAM

The Denny-Zachary-Thomas Hill-Maywood (DZTM) Project includes the construction of over 200 miles of new 345 kV transmission lines with three transmission line segments. The first new line segment of the project will run approximately 100 miles from ATXI's new Denny substation in DeKalb County to ATXI's existing Zachary substation near Kirksville, Missouri. A second new line segment, approximately 60 miles, will connect the existing Zachary substation to ATXI's existing Maywood substation near Palmyra, Missouri. A vast majority of the Zachary-Maywood line segment will be built along an existing corridor. The Project's third line segment consists of 44 miles rebuilt on Ameren's existing transmission corridor from the Zachary substation to AECI's existing Thomas Hill substation in Randolph County. The project includes upgrades to the existing Ameren substations.

PROGRAM BENEFITS

- ⚡ Increasing transmission capacity to meet changing energy needs.
- 📈 Promoting access to diverse energy sources.
- ✅ Supporting lower energy supply costs.
- 📍 Growing economic development opportunities.
- 🏠 Improving energy reliability for the surrounding region and local communities.



GRUNDY COUNTY IN PERSON OPEN HOUSE



Wednesday, August 21, 2024
11:00 AM – 1:00 PM
and 5:00 PM – 7:00 PM



The Christian Bookstore
1108 Main St.
Trenton, MO 64683

Visit the website to see additional engagement opportunities in the program area.

Ameren.com/NorthernMoGrid

County: Grundy

Publication:
Tri-County Weekly



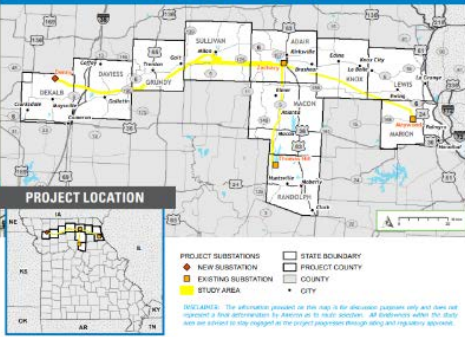
Northern Missouri Grid TRANSFORMATION PROGRAM

The Denny-Zachary-Thomas Hill-Maywood (DZTM) Project includes the construction of over 200 miles of new 345 kV transmission lines with three transmission line segments. The first new line segment of the project will run approximately 100 miles from ATXI's new Denny substation in DeKalb County to ATXI's existing Zachary substation near Kirksville, Missouri. A second new line segment, approximately 60 miles, will connect the existing Zachary substation to ATXI's existing Maywood substation near Palmyra, Missouri. A vast majority of the Zachary-Maywood line segment will be built along an existing corridor. The Project's third line segment consists of 44 miles rebuilt on Ameren's existing transmission corridor from the Zachary substation to AECI's existing Thomas Hill substation in Randolph County. The project includes upgrades to the existing Ameren substations.

PROGRAM BENEFITS

- ⚡ Increasing transmission capacity to meet changing energy needs.
- 📍 Promoting access to diverse energy sources.
- ✅ Supporting lower energy supply costs.
- 🏡 Growing economic development opportunities.
- 🔌 Improving energy reliability for the surrounding region and local communities.

PROJECT LOCATION MAP



LEWIS COUNTY IN PERSON OPEN HOUSE



Tuesday, August 27, 2024
11:00 AM – 1:00 PM
and 5:00 PM – 7:00 PM



Gather
507 Clark Street
Canton, MO 63435

Visit the website to see additional engagement opportunities in the program area.

Ameren.com/NorthernMoGrid

County: Lewis

Publication:
Press News Journal



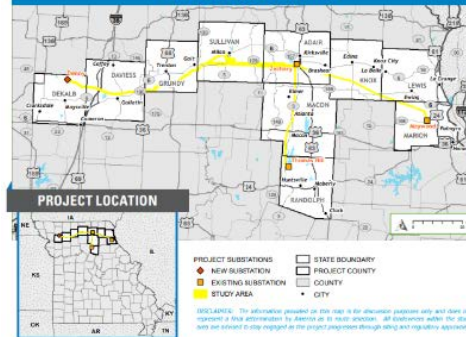
Northern Missouri Grid TRANSFORMATION PROGRAM

The Denny-Zachary-Thomas Hill-Maywood (DZTM) Project includes the construction of over 200 miles of new 345 kV transmission lines with three transmission line segments. The first new line segment of the project will run approximately 100 miles from ATXI's new Denny substation in DeKalb County to ATXI's existing Zachary substation near Kirksville, Missouri. A second new line segment, approximately 60 miles, will connect the existing Zachary substation to ATXI's existing Maywood substation near Palmyra, Missouri. A vast majority of the Zachary-Maywood line segment will be built along an existing corridor. The Project's third line segment consists of 44 miles rebuilt on Ameren's existing transmission corridor from the Zachary substation to AECI's existing Thomas Hill substation in Randolph County. The project includes upgrades to the existing Ameren substations.

PROGRAM BENEFITS

- ⚡ Increasing transmission capacity to meet changing energy needs.
- 📍 Promoting access to diverse energy sources.
- ✅ Supporting lower energy supply costs.
- 🏡 Growing economic development opportunities.
- 🔌 Improving energy reliability for the surrounding region and local communities.

PROJECT LOCATION MAP



MACON COUNTY IN PERSON OPEN HOUSE



Thursday, August 22, 2024
11:00 AM – 1:00 PM
and 5:00 PM – 7:00 PM



Nolands Catering
3002 Jims Road
Macon, MO 63552

Visit the website to see additional engagement opportunities in the program area.

Ameren.com/NorthernMoGrid

County: Macon

Publication:
Macon County Home Press

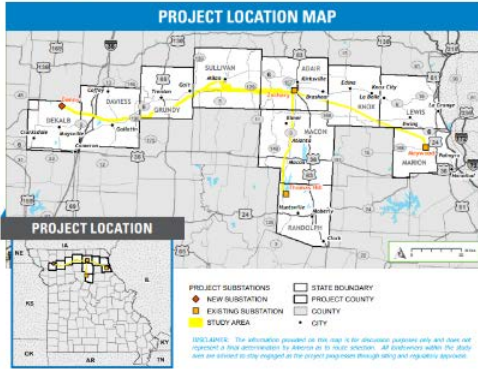


Northern Missouri Grid TRANSFORMATION PROGRAM

The Denny-Zachary-Thomas Hill-Maywood (DZTM) Project includes the construction of over 200 miles of new 345 kV transmission lines with three transmission line segments. The first new line segment of the project will run approximately 100 miles from ATXI's new Denny substation in DeKalb County to ATXI's existing Zachary substation near Kirksville, Missouri. A second new line segment, approximately 60 miles, will connect the existing Zachary substation to ATXI's existing Maywood substation near Palmyra, Missouri. A vast majority of the Zachary-Maywood line segment will be built along an existing corridor. The Project's third line segment consists of 44 miles rebuilt on Ameren's existing transmission corridor from the Zachary substation to AECI's existing Thomas Hill substation in Randolph County. The project includes upgrades to the existing Ameren substations.

PROGRAM BENEFITS

- ⚡ Increasing transmission capacity to meet changing energy needs.
- 📍 Promoting access to diverse energy sources.
- ✅ Supporting lower energy supply costs.
- 📍 Growing economic development opportunities.
- 🔌 Improving energy reliability for the surrounding region and local communities.



MARION COUNTY IN PERSON OPEN HOUSE

Tuesday, August 27, 2024
11:00 AM – 1:00 PM
and 5:00 PM – 7:00 PM

Palmyra American Legion
600 Short Street
Palmyra, MO 63461

Visit the website to see additional engagement opportunities in the program area.

Ameren.com/NorthernMoGrid

County: Marion

Publication:
Hannibal Courier Post

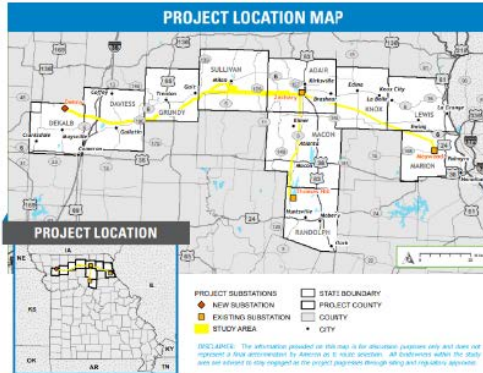


Northern Missouri Grid TRANSFORMATION PROGRAM

The Denny-Zachary-Thomas Hill-Maywood (DZTM) Project includes the construction of over 200 miles of new 345 kV transmission lines with three transmission line segments. The first new line segment of the project will run approximately 100 miles from ATXI's new Denny substation in DeKalb County to ATXI's existing Zachary substation near Kirksville, Missouri. A second new line segment, approximately 60 miles, will connect the existing Zachary substation to ATXI's existing Maywood substation near Palmyra, Missouri. A vast majority of the Zachary-Maywood line segment will be built along an existing corridor. The Project's third line segment consists of 44 miles rebuilt on Ameren's existing transmission corridor from the Zachary substation to AECI's existing Thomas Hill substation in Randolph County. The project includes upgrades to the existing Ameren substations.

PROGRAM BENEFITS

- ⚡ Increasing transmission capacity to meet changing energy needs.
- 📍 Promoting access to diverse energy sources.
- ✅ Supporting lower energy supply costs.
- 📍 Growing economic development opportunities.
- 🔌 Improving energy reliability for the surrounding region and local communities.



RANDOLPH COUNTY IN PERSON OPEN HOUSE

Thursday, August 22, 2024
11:00 AM – 1:00 PM
and 5:00 PM – 7:00 PM

The Bierman
214 North 4th
Moberly, MO 65270

Visit the website to see additional engagement opportunities in the program area.

Ameren.com/NorthernMoGrid

County: Randolph

Publication:
Moberly Monitor



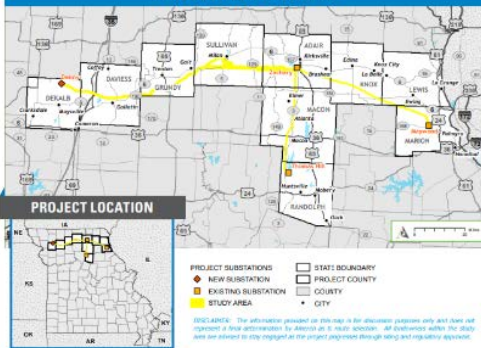
Northern Missouri Grid TRANSFORMATION PROGRAM

The Denny-Zachary-Thomas Hill-Maywood (DZTM) Project includes the construction of over 200 miles of new 345 kV transmission lines with three transmission line segments. The first new line segment of the project will run approximately 100 miles from ATXI's new Denny substation in DeKalb County to ATXI's existing Zachary substation near Kirksville, Missouri. A second new line segment, approximately 60 miles, will connect the existing Zachary substation to ATXI's existing Maywood substation near Palmyra, Missouri. A vast majority of the Zachary-Maywood line segment will be built along an existing corridor. The Project's third line segment consists of 44 miles rebuilt on Ameren's existing transmission corridor from the Zachary substation to AECI's existing Thomas Hill substation in Randolph County. The project includes upgrades to the existing Ameren substations.

PROGRAM BENEFITS

- ⚡ Increasing transmission capacity to meet changing energy needs.
- ✔ Supporting lower energy supply costs.
- 🏠 Improving energy reliability for the surrounding region and local communities.
- 🌱 Promoting access to diverse energy sources.
- 📈 Growing economic development opportunities.

PROJECT LOCATION MAP



SULLIVAN COUNTY IN PERSON OPEN HOUSE



Wednesday, August 21, 2024
11:00 AM – 1:00 PM
and 5:00 PM – 7:00 PM



**Sullivan County
Community Center**
205 N. Market
Milan, MO 63556

Visit the website to see additional engagement opportunities in the program area.

Ameren.com/NorthernMoGrid

County: Sullivan

Publication:
Sullivan Independent News



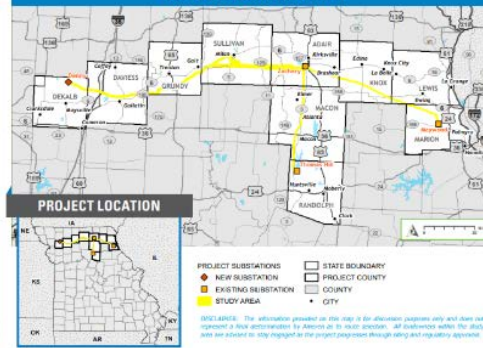
Northern Missouri Grid TRANSFORMATION PROGRAM

The Denny-Zachary-Thomas Hill-Maywood (DZTM) Project includes the construction of over 200 miles of new 345 kV transmission lines with three transmission line segments. The first new line segment of the project will run approximately 100 miles from ATXI's new Denny substation in DeKalb County to ATXI's existing Zachary substation near Kirksville, Missouri. A second new line segment, approximately 60 miles, will connect the existing Zachary substation to ATXI's existing Maywood substation near Palmyra, Missouri. A vast majority of the Zachary-Maywood line segment will be built along an existing corridor. The Project's third line segment consists of 44 miles rebuilt on Ameren's existing transmission corridor from the Zachary substation to AECI's existing Thomas Hill substation in Randolph County. The project includes upgrades to the existing Ameren substations.

PROGRAM BENEFITS

- ⚡ Increasing transmission capacity to meet changing energy needs.
- ✔ Supporting lower energy supply costs.
- 🏠 Improving energy reliability for the surrounding region and local communities.
- 🌱 Promoting access to diverse energy sources.
- 📈 Growing economic development opportunities.

PROJECT LOCATION MAP



KNOX COUNTY IN PERSON OPEN HOUSE



Wednesday, August 28, 2024
11:00 AM – 1:00 PM
and 5:00 PM – 7:00 PM



Knights of Columbus
709 N. Main St.
Edina, MO 63537

Visit the website to see additional engagement opportunities in the program area.

Ameren.com/NorthernMoGrid

County: Knox

Publication:
Edina Sentinel

6. Ameren Press Release



Northern Missouri Grid Transformation Program
1901 Chouteau Avenue
St. Louis, MO 63103
Ameren.com

Contact:
Ameren Communications
314.554.2182
communications@ameren.com

FOR IMMEDIATE RELEASE

Ameren Transmission hosts open houses for public input on Northern Missouri Grid Transformation Program

KIRKSVILLE, Mo. (Aug. 19, 2024) – Ameren Transmission is working to build a more reliable and resilient energy grid and is hosting multiple public open houses the next two weeks to gather input from local stakeholders. The in-person open houses will take place in DeKalb, Daviess, Grundy, Sullivan, Randolph, Macon, Marion, Lewis, Adair and Knox counties.

The [Northern Missouri Grid Transformation Program](#) is preparing the grid for the future by replacing aging infrastructure, adding transmission capacity to ensure reliability and resiliency, and promoting more access to energy sources. Upgrading and investing in the energy delivery system benefits the entire community. This project is a joint effort with Ameren Transmission Company of Illinois (ATXI), Missouri Joint Municipal Electric Utility Commission (MJMEUC) and Ameren Missouri.

The Northern Missouri Grid Transformation Program includes approximately 53 miles of new transmission line. It also includes a new substation and upgrades to existing Ameren substations. All projects within the Program are scheduled to be in service by mid-2028. More details are available at [Ameren.com/NorthernMOGrid](#).

During each open house, the Northern Missouri Grid Transformation Program team will include project overview information and an opportunity to provide input on the route segments. **There will be a general presentation during each meeting at 11:30 a.m. and 5:30 p.m.** All open houses will include the same information with no formal presentation. There is also a self-paced, virtual engagement and comment map available [online](#).

"We hope interested members of the public will join us to learn more about the project, ask questions and share their feedback so we can take into account any needs and concerns from the community," said **Tracy Dencker**, senior project manager for the Northern Missouri Grid Transformation Program. "We greatly value input from local stakeholders, and we use the information collected during these open houses in our planning and routing process."

Additional information is available on the project's website at [Ameren.com/NorthernMOGrid](#), by sending an email to connect@AmerenGridMO.com or by calling the project hotline at 833.799.1633.

Date	Time	County	Venue
Tuesday, Aug. 20	11 a.m. - 1 p.m. 5 p.m. - 7 p.m.	DeKalb	DeKalb County Youth Building 107 E. Highway 6, Maysville
Tuesday, Aug. 20	11 a.m. - 1 p.m. 5 p.m. - 7 p.m.	Daviess	Daviess County Library 306 W. Grand, Gallatin
Wednesday, Aug. 21	11 a.m. - 1 p.m. 5 p.m. - 7 p.m.	Grundy	The Christian Book Store 1108 Main Street, Trenton
Wednesday, Aug. 21	11 a.m. - 1 p.m. 5 p.m. - 7 p.m.	Sullivan	Sullivan County Community Center 205 N. Market, Milan
Thursday, Aug. 22	11 a.m. - 1 p.m. 5 p.m. - 7 p.m.	Randolph	The Bierman 214 North 4th, Moberly
Thursday, Aug. 22	11 a.m. - 1 p.m. 5 p.m. - 7 p.m.	Macon	Nolands Catering 3002 Jims Road, Macon
Tuesday, Aug. 27	11 a.m. - 1 p.m. 5 p.m. - 7 p.m.	Marion	Palmyra American Legion 600 Short Street, Palmyra
Tuesday, Aug. 27	11 a.m. - 1 p.m. 5 p.m. - 7 p.m.	Lewis	Gather 507 Clark Street, Canton
Wednesday, Aug. 28	11 a.m. - 1 p.m. 5 p.m. - 7 p.m.	Adair	White Oaks Barn 23256 State HWY 11, Kirkeville
Wednesday, Aug. 28	11 a.m. - 1 p.m. 5 p.m. - 7 p.m.	Knox	Knights of Columbus 709 N. Main St., Edina

About Ameren Corporation
St. Louis-based Ameren Corporation powers the quality of life for 2.4 million electric customers and more than 900,000 natural gas customers in a 64,000-square-mile area through its Ameren Missouri and Ameren Illinois rate-regulated utility subsidiaries. Ameren Illinois provides electric transmission and distribution service and natural gas distribution service. Ameren Missouri provides electric generation, transmission, and distribution service, as well as natural gas distribution service. Ameren Transmission Company of Illinois develops, owns and operates rate-regulated regional electric transmission projects. For more information, visit [Ameren.com](#), or follow us on Twitter at [@AmerenCorp](#), [Facebook.com/AmerenCorp](#), or [LinkedIn.com/company/Ameren](#).

###

C. Materials Used at Open Houses
 1. Banners

Northern Missouri Grid
TRANSFORMATION PROGRAM

ABOUT THE PROJECT

The Denny-Zachary-Thomas Hill-Maywood (DZTM) Project includes the construction of over 200 miles of new 345 kV transmission lines with three transmission line segments. The first new line segment of the project will run approximately 100 miles from ATXI's new Denny substation in Dekalb County to ATXI's existing Zachary substation near Kirksville, Missouri. A second new line segment, approximately 60 miles, will connect the existing Zachary substation to ATXI's existing Maywood substation near Palmyra, Missouri. A vast majority of the Zachary-Maywood line segment will be built along an existing corridor. The Project's third line segment consists of 44 miles rebuilt on Ameren's existing transmission corridor from the Zachary substation to AECI's existing Thomas Hill substation in Randolph County. The project includes upgrades to the existing Ameren substations.



Northern Missouri Grid
TRANSFORMATION PROGRAM

PART OF A REGIONAL PLAN FOR ENERGY RELIABILITY

The program is part of a larger initiative from Midcontinent Independent System Operator (MISO), an independent member organization that works with midwestern states and Manitoba, Canada, to ensure reliable, resilient and affordable energy for the region. Visit misoenergy.org to learn more.



Northern Missouri Grid
TRANSFORMATION PROGRAM

WELCOME TO OUR OPEN HOUSE!

GOAL OF TODAY'S OPEN HOUSE:

- ✔ Learn more about the program
- ✔ See what's happening in your county
- ✔ Provide feedback and input to the program team

We look forward to connecting with community members, landowners and stakeholders to learn as much as we can about your area to help us develop this program. Thank you for your time and feedback as we work to improve energy reliability for your community.



Northern Missouri Grid TRANSFORMATION PROGRAM

WHAT IS ENERGY RELIABILITY?



Our energy grid is similar to our road system in the way they allow energy from generation sources to travel short or long distances, as needed, at any given moment. On the road, when your main route is closed for construction, you review your options and find an alternative. In some cases, alternatives just don't exist, or they can't handle the increased traffic and users experience backups.



The energy grid is no different! If a large storm were to take out multiple transmission or distribution lines or "routes" in your area, local homes and businesses would be served by a lower capacity which could lead to reliability issues in the area.

With this program we can add more capacity or "alternate routes" to meet the changing needs in your community!



Northern Missouri Grid TRANSFORMATION PROGRAM

DENNY-ZACHARY-THOMAS HILL-MAYWOOD PROJECT ANTICIPATED SCHEDULE

SUMMER 2024

Project planning, routing, and stakeholder/public engagement

FALL 2024 THROUGH EARLY 2025

Finalize route and file application with Missouri Public Service Commission (Mo PSC)

MID 2026

- » Receive a Certificate of Convenience and Necessity (CCN) decision from the Mo PSC
- » Real estate begins
- » Permitting and agency coordination
- » Environmental studies/surveys

SPRING 2027

Construction begins

LATE FALL 2029

Projects in service

SPRING 2030

Restoration complete

*All items shown are pending regulatory approvals. Schedule is subject to change.



Northern Missouri Grid TRANSFORMATION PROGRAM

FULFILLING A NEED

The program will prepare the grid for the future by replacing aging infrastructure, adding transmission capacity to ensure energy **reliability and resiliency**, and promoting more access to energy sources for communities.



Increasing transmission capacity to meet changing energy needs.



Supporting lower energy supply costs.



Improving energy reliability for the surrounding region and local communities.



Promoting access to diverse energy sources.



Growing economic development opportunities.



CONSTRUCTION
CONSTRUCTION WILL BEGIN IN 2027

Transmission line construction is completed in intermittent phases and will not be constant on landowner property. We will provide more information before construction begins on any landowner property. On most structures, there will be six major stages of construction including:



1 Surveys, soil borings, vegetation management and access roads



2 Dig structure holes



3 Assemble structure on the ground



4 Lift structure into hole and backfill with concrete



5 String wires



6 Energize line and restore easement

ENVIRONMENTAL REVIEW & AGENCY COORDINATION

Our team coordinates with federal, state and local agencies regarding protected or sensitive resources within the program area. Sometimes additional permits or approvals from these agencies are necessary for construction:



U.S. ARMY CORPS OF ENGINEERS
Section 404 Clean Water Act
Section 10 Rivers and Harbors Act



U.S. FISH AND WILDLIFE SERVICE
Endangered Species Act; Bald and Golden Eagle Protection Act; and Migratory Bird Treaty Act



MISSOURI DEPARTMENT OF NATURAL RESOURCES
Section 401 Water Quality Certificate and General NPDES Permit for stormwater discharge from construction site



STATE HISTORIC PRESERVATION OFFICE
Section 106 Cultural Resources Review



MISSOURI DEPARTMENT OF TRANSPORTATION
Road permits



MISSOURI DEPARTMENT OF CONSERVATION
State protected natural features and species



MISSOURI DEPARTMENT OF AGRICULTURE
Agricultural Impact Mitigation Agreement (AIMA)



LOCAL PERMITS
Erosion control and road crossings



VEGETATION MANAGEMENT

Safety and reliability are the driving factors behind managing trees, and other forms of vegetation, around our transmission lines. Trees and other vegetation can damage the line and hinder our ability to deliver electric services safely and reliably. They can make the job of storm restoration more difficult, extend restoration times and pose additional hazards to line crews.

To protect the public and reduce the risk of extended power outages, Ameren has a vegetation management program designed to ensure proper clearances around the lines as required by federal and state agencies. The program reduces the potential for damage and allows access for crews to maintain and repair transmission equipment.

This vegetation management work may include:



Inspections



Mowing



Manual and Aerial Trimming



REAL ESTATE

Ameren's real estate team will have several land agents assisting landowners during the entire real estate process for existing and new corridors. Discussions with landowners will include topics such as:

- ✔ Land surveys and studies
- ✔ Access roads
- ✔ Structure/line design
- ✔ Right-of-way clearing
- ✔ Compensation
- ✔ Property restoration

EASEMENTS

Easements allow our team access for construction, operation and maintenance of the transmission line. In general, the land can continue to be used as before, provided that the use does not interfere with the transmission line.

EASEMENT NEEDS

- Right-of-way and easements will vary depending on line segment and location
- Typical right-of-way is 75 ft. from the centerline on both sides



WE VALUE YOUR INPUT

TELL US YOUR THOUGHTS



COMMENT FORM

Submit a comment form today or email/mail it to us later.



ONLINE COMMENT MAP

Submit a comment on our online comment map.



VIRTUAL ENGAGEMENT

Review similar information from today's open house.



PROGRAM WEBSITE

Learn more at Ameren.com/NorthernMoGrid



CONTACT US

1.833.799.1633 • connect@AmerenGridMO.com



2. Boards for Structures and Routes

Ameren — **DENNY TO ZACHARY**

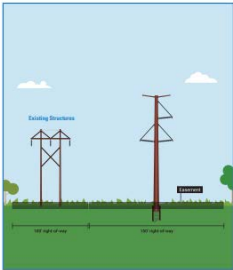
MISO SELECTED PARALLEL CONSTRUCTION

Typical New Structures

Single Circuit 345 kV

Weathering Steel Monopoles

- Direct Embed: 3-5 ft
- Height: 80-140 ft
- Span Length: 700-900 ft
- Structures/mile: 7-8
- Conductor Clearance: 25 ft Minimum



The diagram illustrates a general concept and may not be to scale.

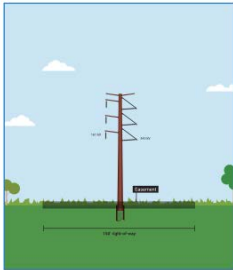
DOUBLE CIRCUIT CONSTRUCTION*

Typical New Structures

Double Circuit 161/345kV

Weathering Steel Monopoles

- Direct Embed: 3-5 ft
- Height: 80-140 ft
- Span Length: 700-900 ft
- Structures/mile: 7-8
- Conductor Clearance: 25 ft Minimum



The diagram illustrates a general concept and may not be to scale.

The existing 400/345 kV transmission line currently has a mix of weather steel monopoles and steel monopoles. For the proposed 400/345 kV transmission line, a majority of the single steel monopoles will be direct embed depending on soil conditions. Other steel monopole foundations will be used for large angles and dead end structures.

The existing 400/161 kV Two-Circuit Circuit Breaker structure will be direct embed and replaced with the double circuit structure above. For the proposed 400/345 kV/161kV transmission line, a majority of the single steel monopoles will be direct embed depending on soil conditions. Other steel monopole foundations will be used for large angles and dead end structures. Double circuit steel monopoles require processing and experiments.

Ameren — **ZACHARY TO MAYWOOD**

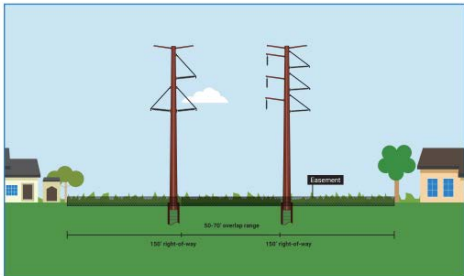
SINGLE CIRCUIT

Typical Structure

Single Circuit 345 kV

Weathering Steel Monopoles

- Direct Embed: 3-5 ft
- Height: 80-140 ft
- Span Length: 700-900 ft
- Structures/mile: 7-8
- Conductor Clearance: 25 ft Minimum



The diagram illustrates a general concept and may not be to scale.

DOUBLE CIRCUIT CONSTRUCTION

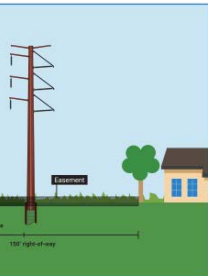
Existing Structures

Double Circuit 161/345kV

Weathering Steel Monopoles

Drilled Pier Foundation

- 25-40 ft
- Height: 80-140 ft
- Span Length: 700-900 ft
- Structures/mile: 7-8
- Conductor Clearance: 25 ft Minimum



The diagram illustrates a general concept and may not be to scale. A majority of the new line will parallel the existing 345/161 kV transmission line.

Ameren — **ZACHARY TO THOMAS HILL**

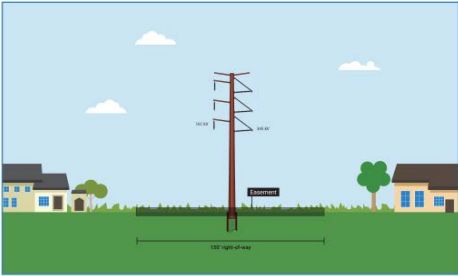
DOUBLE CIRCUIT

Typical New Structures

Double Circuit 161/345kV

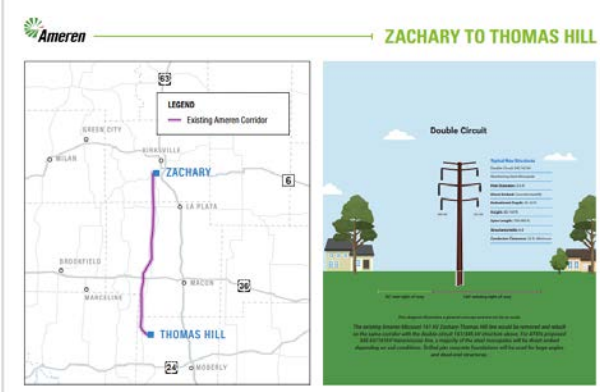
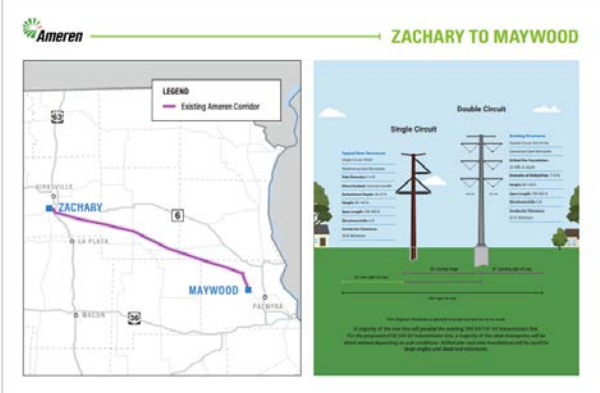
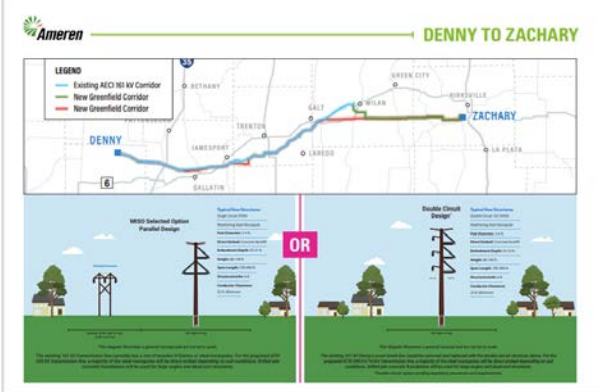
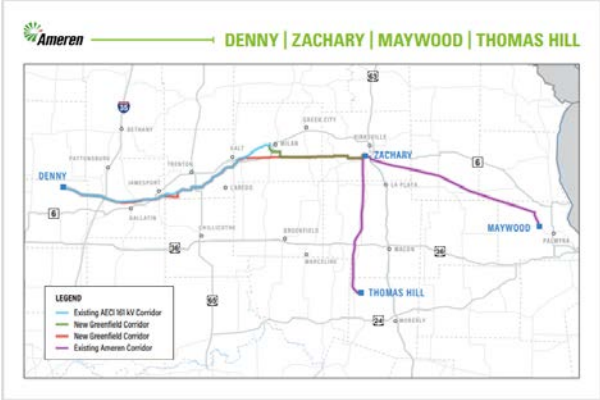
Weathering Steel Monopoles

- Direct Embed: 3-5 ft
- Height: 80-140 ft
- Span Length: 700-900 ft
- Structures/mile: 7-8
- Conductor Clearance: 25 ft Minimum




The diagram illustrates a general concept and may not be to scale.

The existing Ameren Missouri 161 kV from Zachary-Thomas Hill line would be removed and rebuilt on the same corridor with the double circuit 161/345 kV structure above. For ATTY's proposed 345/161 kV transmission line, a majority of the single steel monopoles will be direct embed depending on soil conditions. Other steel monopole foundations will be used for large angles and dead end structures.



3. Fact Sheets



Northern Missouri Grid
TRANSFORMATION PROGRAM

ANTICIPATED SCHEDULE

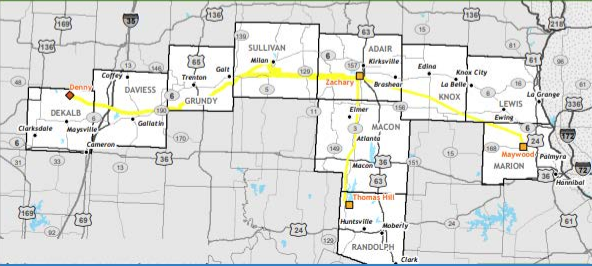
- SUMMER 2024**
Project planning, routing, and stakeholder/public engagement.
- FALL 2024 THROUGH EARLY 2025**
Finalize route and file application with Missouri Public Service Commission (Mo PSC).
- MID 2026**
 - Receive a Certificate of Convenience and Necessity (CCN) decision from the Mo PSC
 - Real estate begins
 - Permitting and agency coordination
 - Environmental studies/surveys
- SPRING 2027**
Construction begins
- LATE FALL 2029**
Projects in service
- SPRING 2030**
Restoration complete

**All items shown are pending regulatory approvals. Schedule is subject to change.*


PROGRAM BENEFITS

- Increasing transmission capacity to meet changing energy needs.
- Supporting lower energy supply costs.
- Improving energy reliability for the surrounding region and local communities.
- Promoting access to diverse energy sources.
- Growing economic development opportunities.

PROJECT LOCATION



DENNY TO ZACHARY



LEGEND

- Existing AECI 161 KV Corridor
- New Greenfield Corridor
- New Greenfield Corridor



VIRTUAL ENGAGEMENT

Scan this QR code with your smartphone to explore our self-paced, virtual engagement and comment map starting August 19th.

Visit the website to see additional engagement opportunities in the program area.

Northern Missouri Grid
TRANSFORMATION PROGRAM

[Ameren.com/NorthernMoGrid](#)
connect@AmerenGridMO.com
[1.833.799.1633](tel:1.833.799.1633)

The Denny-Zachary-Thomas Hill-Maywood (DZTM) Project includes the construction of over 200 miles of new 345 kV transmission lines with three transmission line segments. The first new line segment of the project will run approximately 100 miles from ATXI's new Denny substation in DeKalb County to ATXI's existing Zachary substation near Kirksville, Missouri. A second new line segment, approximately 60 miles, will connect the existing Zachary substation to ATXI's existing Maywood substation near Palmyra, Missouri. A vast majority of the Zachary-Maywood line segment will be built along an existing corridor. The Project's third line segment consists of 44 miles rebuilt on Ameren's existing transmission corridor from the Zachary substation to AECI's existing Thomas Hill substation in Randolph County. The project includes upgrades to the existing Ameren substations.

PROGRAM BENEFITS

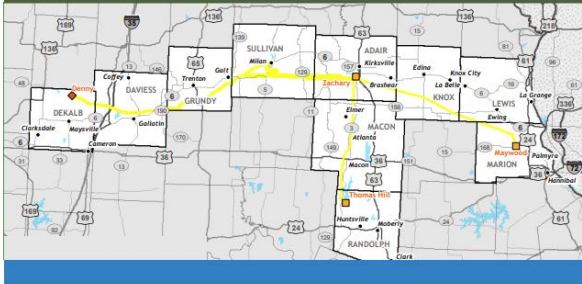
- 1 Increasing transmission capacity to meet changing energy needs.
- 2 Supporting lower energy supply costs.
- 3 Improving energy reliability for the surrounding region and local communities.
- 4 Promoting access to diverse energy sources.
- 5 Growing economic development opportunities.

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PROJECT LOCATION



The Denny-Zachary-Thomas Hill-Maywood (DZTM) Project includes the construction of over 200 miles of new 345 kV transmission lines with three transmission line segments. The first new line segment of the project will run approximately 100 miles from ATXI's new Denny substation in DeKalb County to ATXI's existing Zachary substation near Kirksville, Missouri. A second new line segment, approximately 60 miles, will connect the existing Zachary substation to ATXI's existing Maywood substation near Palmyra, Missouri. A vast majority of the Zachary-Maywood line segment will be built along an existing corridor. The Project's third line segment consists of 44 miles rebuilt on Ameren's existing transmission corridor from the Zachary substation to AECI's existing Thomas Hill substation in Randolph County. The project includes upgrades to the existing Ameren substations.

PROGRAM BENEFITS

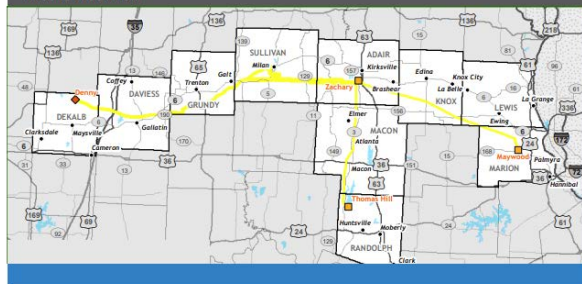
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ANTICIPATED SCHEDULE

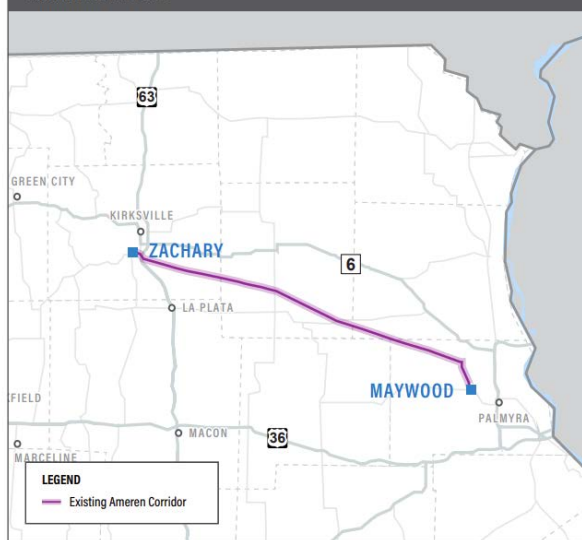
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PROJECT LOCATION



ZACHARY TO MAYWOOD

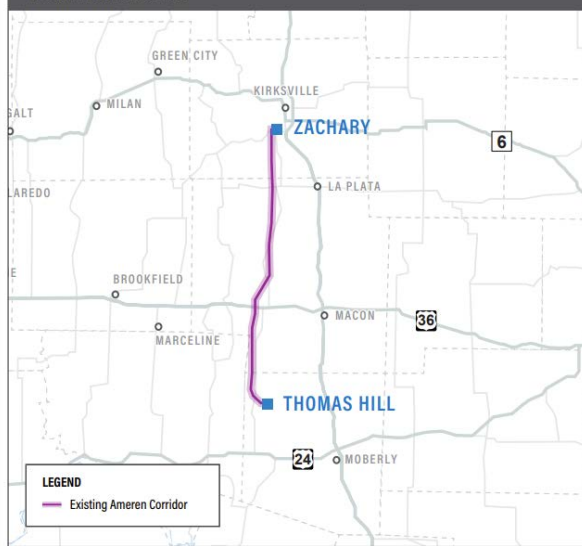


VIRTUAL ENGAGEMENT

Scan this QR code with your smartphone to explore our self-paced, virtual engagement and comment map starting August 19th.

Visit the website to see additional engagement opportunities in the program area.

ZACHARY TO THOMAS HILL



VIRTUAL ENGAGEMENT

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4. Live Presentation at Open Houses




Northern Missouri Grid
TRANFORMATION PROGRAM

WELCOME!

PHASE 2: DZTM OPEN HOUSE
August 2024

MJMEUC  

Goals of Phase 2 Open House


-  Learn more about the program
-  See what's happening in your community
-  Provide feedback and input to the program team

Thank you for your time and feedback as we work to improve energy reliability for your community.



Northern Missouri Grid
TRANFORMATION PROGRAM

Program Overview



Part of a Regional Plan For Energy Reliability

The Northern Missouri Grid Transformation Program is part of a larger initiative from Midcontinent Independent System Operator (MISO), an independent member organization that works with midwestern states and Manitoba, Canada, to ensure reliable, resilient and affordable energy for the region.

MISO's larger energy initiative is known as Long Range Transmission Planning (LRTP) and is being developed to improve the ability to move energy across the Midwest—reliably and at the lowest possible cost.

LRTP has various stages called Tranches. The Northern Missouri Corridor is part of LRTP Tranche 1.

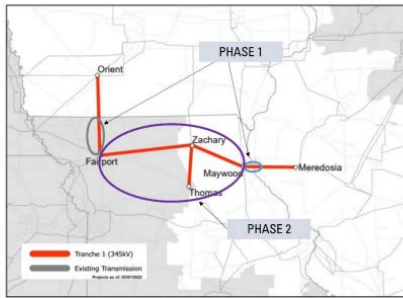
Visit misoenergy.org to learn more.



Program Area

Ameren Transmission Company of Illinois (ATXI) has been selected by MISO to develop three Tranche 1 projects in Missouri. For this open house, we're focusing on Phase 2:

- Phase 1: Fairport-Denny-Iowa/Missouri border (FDIM)
- Phase 1: Maywood-Mississippi River Crossing (MMRX)
- Phase 2: Denny-Zachary-Thomas Hill-Maywood (DZTM)**



More information on Phase 1 can be found on our program website.

Northern Missouri Grid
TRANSFORMATION PROGRAM

Denny-Zachary-Thomas Hill-Maywood Project

- Over 200 miles of new 345 kV transmission lines in three line segments
- Upgrades to three existing Ameren substations
- Located in ten counties:

DeKalb, Daviess, Grundy, Sullivan, Adair, Knox, Lewis, Marion, Macon & Randolph



Northern Missouri Grid
TRANSFORMATION PROGRAM

Program Benefits

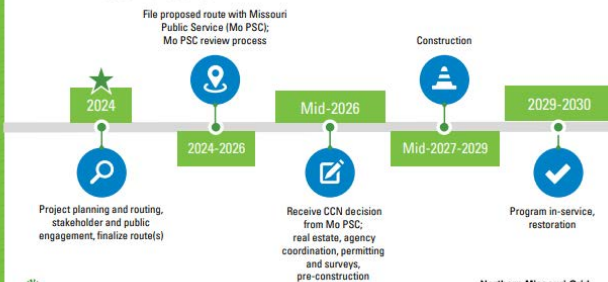
The program will prepare the grid for the future by replacing aging infrastructure, adding transmission capacity to ensure energy **reliability and resiliency**, and promoting more access to energy sources for communities.

- ⚡ Increasing transmission capacity to meet changing energy needs.
- ✓ Supporting lower energy supply costs.
- 🏠 Improving energy reliability for the surrounding region and local communities.
- 🌱 Promoting access to diverse energy sources.
- 📍 Growing economic development opportunities.

Ameren
TRANSMISSION COMPANY OF ILLINOIS

Northern Missouri Grid
TRANSFORMATION PROGRAM

DZTM Schedule



Ameren
TRANSMISSION COMPANY OF ILLINOIS

Northern Missouri Grid
TRANSFORMATION PROGRAM

Northern Missouri Grid
TRANSMISSION COMPANY OF ILLINOIS

What's Happening in Your Community

Ameren
TRANSMISSION COMPANY OF ILLINOIS

Zachary-Thomas Hill Line Segment

- Approx. 44 miles
- Located in Adair, Macon & Randolph counties
- Removal of existing H frames
- Rebuilt double circuit steel monopole 345/161 kV

Northern Missouri Grid
TRANSMISSION COMPANY OF ILLINOIS

Zachary-Maywood Line Segment

- Approx. 60 miles
- Single 345 kV
- Located in Adair, Knox, Lewis & Marion counties
- Majority of line segment parallels existing corridor with overlapping easements

Northern Missouri Grid
TRANSMISSION COMPANY OF ILLINOIS

Denny-Zachary Line Segment

- Approx. 102-105 miles
- Located in DeKalb, Daviess, Grundy, Sullivan & Adair counties
- Single 345 kV paralleling existing/new line (MISO selected)
- OR -
- Double circuit 345kV/161kV (regulatory req.)*

Northern Missouri Grid
TRANSMISSION COMPANY OF ILLINOIS

Give us your feedback on our surveys or online!

A

**MISO Selected Option
Parallel Design**

Typical New Structures

- Height: 100' to 110'
- Width: 40' to 50'
- Weight: 100,000 lbs
- Material: Steel
- Foundation: 4' to 6' diameter concrete pad
- Spans: 100' to 150'
- Clearance: 35' to 45'
- Construction: 12-18 months

The largest structure design involves a general design and is not to scale.

The existing 110 kV transmission line is currently in a state of transition or being decommissioned. The proposed 110 kV transmission line is a part of the plan. The structure will be about 100' wide and 100' high. The structure will be about 100' wide and 100' high. The structure will be about 100' wide and 100' high.

OR

B

**Double Circuit
Design***

Typical New Structures

- Height: 100' to 110'
- Width: 40' to 50'
- Weight: 100,000 lbs
- Material: Steel
- Foundation: 4' to 6' diameter concrete pad
- Spans: 100' to 150'
- Clearance: 35' to 45'
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Northern Missouri Grid
TRANSFORMATION PROGRAM


Northern Missouri Grid
TRANSFORMATION PROGRAM

Thank You!

We appreciate your time and feedback provided today!
connect@AmerenGridMO.com | 833.799.1633 | Ameren.com/NorthernMOGrid



5. Public Comment Form



Northern Missouri Grid
110KV-230KV TRANSFORMATION PROGRAM

COMMENT FORM

Thank you for providing feedback on Phase 2 of the Northern Missouri Grid Transformation Program. Please use the comment form below to provide feedback to the program team, ask a question or join the mailing list.

Name: _____

Organization (if any): _____

Address: _____

City: _____ **State:** _____ **Zip:** _____


County: _____

Phone: _____ **Email:** _____

Are you the owner of the property listed above? Yes No


For the Denny-Zachary line segment, which routing option do you prefer? (Check one.)

OPTION A: MISO Selected Option Parallel Design (2 structures) **OPTION B: Double Circuit Design** (1 structure)



Why do you prefer the option you selected for the Denny-Zachary line segment?

For further information or to provide additional input, please visit www.Ameren.com/NorthernMoGrid



Northern Missouri Grid
110KV-230KV TRANSFORMATION PROGRAM

COMMENT FORM

Please provide any additional questions, concerns or information about your property that you would like our program team to be aware of for the Denny-Zachary-Thomas Hill-Maywood Project:

Would you like a response from our program team? If yes, please fill out the contact information on the front side. Yes No

HOW TO SUBMIT COMMENT:

- DROP IN THE COMMENT BOX AT THE OPEN HOUSE
- MAIL IT BACK TO OUR PROGRAM TEAM:
CONTRACT LAND STAFF, LLC
 Attn: Northern Missouri Grid Transformation Program
 555 Washington Avenue, Suite 310
 St. Louis, MO 63101
- EMAIL COMMENT TO CONNECT@AMERENGRIDMO.COM

For further information or to provide additional input, please visit www.Ameren.com/NorthernMoGrid

Part 3. Online Engagement

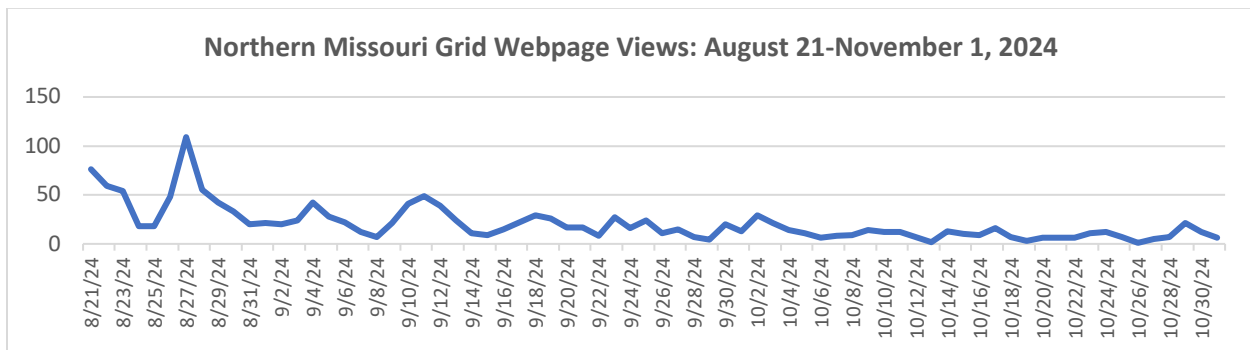
A. Ameren Northern Missouri Program Web Site Engagement Measures

Channels of Contact Provided by Ameren Web Site

Channel of Contact	Contact Information
Web site Address	Northern Missouri Grid Transformation Program - Ameren.com
Hotline	7.833.799.1633
Email	connect@AmerenGridMO.com
US Mail	Contract Land Staff, LLC Attention: Northern Missouri Grid Transformation Program 555 Washington Ave, Suite 310 St. Louis, MO 63101

Measures of Engagement via Program Web Site (from DATE to November 1, 2024)

Source of Contact	Measures of Contacts from Public
Program Web Site Unique Visitors	1002
Program Web Site Page Views	1,469
Average Web Site Views per Day	21
Average Time on Page	44 seconds
Email Messages Received	23
Phone Calls to Hotline	27
Comment Cards or Other Communication via US Mail (includes 54 Survey Forms received)	54



B. Virtual Open House Engagement Measures

Measures of Engagement via Online Mapping Comment (August 21- November 1, 2024)

Source of Contact	Number of Contacts from Public
Number of Clicks on View Map	39
Number of Comments	0
Request to Join Mailing List	0

DZTM Virtual Open House Visits August 21-November 1, 2024

Usage details for the period:

August 21, 2024 - November 1, 2024

Custom Date Range

Set a Custom Date Range

Start Date: End Date: [Update Report](#)

Item Views this Period

1,165

Avg Item Views Per Day

16.18

Usage Time Series



C. Ameren Northern Missouri Program Web Site Screenshots

Ameren RESIDENTIAL BUSINESS OUR COMPANY Search OUTAGES SUPPORT ACCOUNT

[Back to Transmission](#)

Northern Missouri Grid Transformation Program

Ameren Transmission Company of Illinois (ATXI), Missouri Joint Municipal Electric Utility Commission (MJMEUC) and Ameren Missouri are working together to build a more reliable and resilient energy grid for the future. The Northern Missouri Grid Transformation Program is a portfolio of new energy projects that includes more than 255 miles of new 345 kV transmission lines developed in two phases across northern Missouri.

Phase 1 of the program includes the Fairport-Denny-Iowa/Missouri Border Project (FDIM) and the Maywood-Mississippi River Crossing (MMRX) Project. The first phase projects are located in Worth, Geny, DeKalb and Marion counties with approximately 53 miles of new transmission line and a new substation. On July 16, 2024, after careful consideration of feedback from landowners, community members, interested agencies and local officials, a proposed route was selected and filed with the Missouri Public Service Commission (Mo PSC).

The Northern Missouri Grid Transformation Programs Phase 2 includes the Denny-Zachary-Thomas Hill-Maywood (DZTM) Project with more than 200 miles of new transmission lines across ten counties in Northern Missouri. The DZTM Project is in DeKalb, Daviess, Grundy, Sullivan, Adair, Knox, Lewis, Marion, Macon and Randolph counties. The Project also includes upgrades to existing Ameren substations.

The program is part of a larger initiative from the Midcontinent Independent System Operator (MISO), an independent member organization that works with 15 Midwestern states, including Illinois and Missouri, and Manitoba, Canada, to ensure reliable, resilient, and affordable energy for the region.

Program Benefits

- Increasing transmission capacity to meet changing energy needs.
- Supporting lower energy supply costs.
- Improving energy reliability for the surrounding region and local communities.
- Promoting access to diverse energy sources.
- Growing economic development opportunities.

View the Interactive Map and Submit Feedback

[View Map](#)

Having trouble viewing the interactive map? This map works best in updated versions of Internet Explorer (version 9 or later), and in Google Chrome or Firefox. To update an older version of Internet Explorer, visit Microsoft's Internet Explorer website.

Phase 2: DZTM

Visit our [online open house \(PDF\)](#) here.

Denny-Zachary-Thomas Hill-Maywood Project (DZTM)

The Denny-Zachary-Thomas Hill-Maywood (DZTM) Project includes the construction of over 200 miles of new 345 kV transmission lines with three transmission line segments. The first new line segment of the project will run approximately 100 miles from ATXI's new Denny substation in DeKalb County to ATXI's existing Zachary substation near Kirksville, Missouri. A second new line segment, approximately 60 miles, will connect the existing Zachary substation to ATXI's existing Maywood substation near Palmyra, Missouri. A vast majority of the Zachary-Maywood line segment will be built along an existing corridor. The Project's third line segment consists of 44 miles rebuilt on Ameren's existing transmission corridor from the Zachary substation to AECI's existing Thomas Hill substation in Randolph County. The Project includes upgrades to existing Ameren substations.

[View Map >](#)

[Submit Feedback >](#)

Phase 2:

- Summer 2024- Project Planning, routing, and stakeholder/public engagement
- Fall 2024- Early 2025- Finalize route and file application with Missouri Public Service Commission (Mo PSC)
- Mid 2026- Receive a Certificate of Convenience and Necessity decision from the Mo PSC; real estate begins; permitting and agency coordination; environmental studies/surveys
- Spring 2027- Construction begins
- Late Fall 2029- Projects in service
- Spring 2030- Restoration complete

D. Virtual Open House Presentation

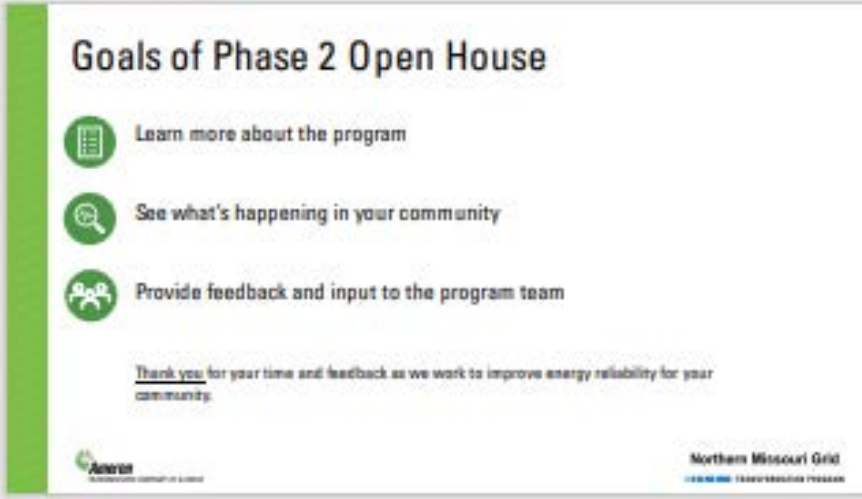


Northern Missouri Grid
TRANSFORMATION PROGRAM




WELCOME!

PHASE 2: DZTM
VIRTUAL OPEN HOUSE
August 2024


MJMEUC  

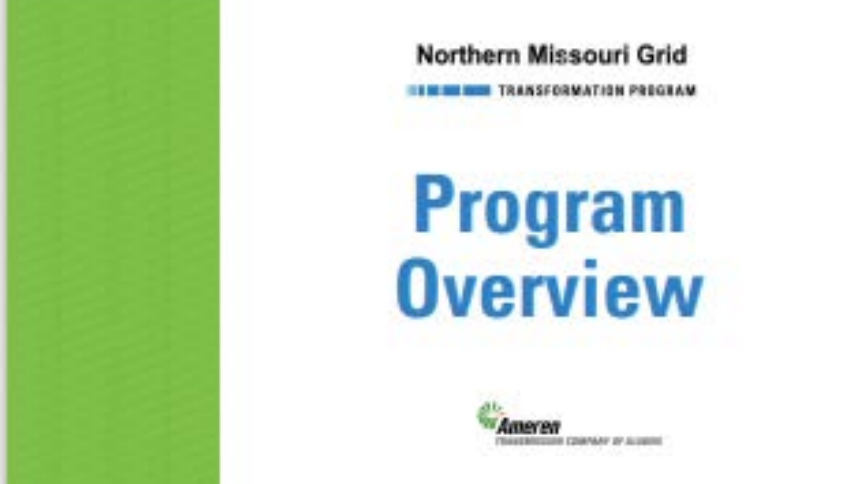


Goals of Phase 2 Open House

-  Learn more about the program
-  See what's happening in your community
-  Provide feedback and input to the program team


Thank you for your time and feedback as we work to improve energy reliability for your community.

 Northern Missouri Grid
TRANSFORMATION PROGRAM



Northern Missouri Grid
TRANSFORMATION PROGRAM

Program Overview

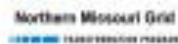


What is Energy Reliability?

Our energy grid is similar to our road system in the way they allow energy from various generation sources to travel short or long distances, as needed, at any given moment. On the road, when your main route is closed for construction, you review your options and find an alternative. In some cases, alternatives just don't exist, or they can't handle the increased traffic and users experience backups.

The energy grid is no different! If a large storm were to take out multiple transmission or distribution lines or "routes" in your area, local homes and businesses would be served by a lower capacity which could lead to reliability issues in the area.

With this program we can add more capacity or "alternate routes" to meet the changing needs in your community!



Part of a Regional Plan For Energy Reliability

The Northern Missouri Grid Transformation Program is part of a larger initiative from Midcontinent Independent System Operator (MISO), an independent member organization that works with midwestern states and Manitoba, Canada, to ensure reliable, resilient and affordable energy for the region.

MISO's larger energy initiative is known as Long Range Transmission Planning (L RTP) and is being developed to improve the ability to move energy across the Midwest—reliably and at the lowest possible cost.

L RTP has various stages called Tranches. The Northern Missouri Corridor is part of L RTP Tranche 1.

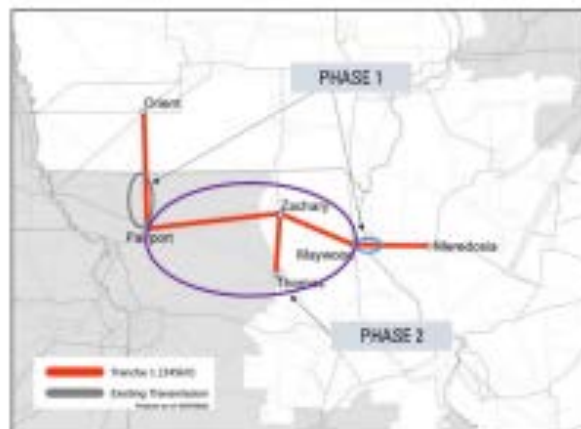
Visit misoenergy.org to learn more.



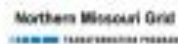
Program Area

Ameren Transmission Company of Illinois (ATXI) has been selected by MISO to develop three Tranche 1 projects in Missouri. For this open house, we're focusing on Phase 2:

- Phase 1: Fairport-Denny-Iowa/Missouri border (FDIM)
- Phase 1: Maywood-Mississippi River Crossing (MMRC)
- Phase 2: Denny-Zachary-Thomas Hill-Maywood (DZTM)



More information on Phase 1 can be found on our program website.



Denny-Zachary-Thomas Hill-Maywood Project

- Over 200 miles of new 345 kV transmission lines in three line segments
- Upgrades to three existing Ameren substations
- Located in ten counties:

DeKalb, Daviess, Greedy, Sullivan, Adair, Knox, Lewis, Marion, Macos & Randolph



Northern Missouri Grid
TRANSMISSION PROGRAM

Program Benefits

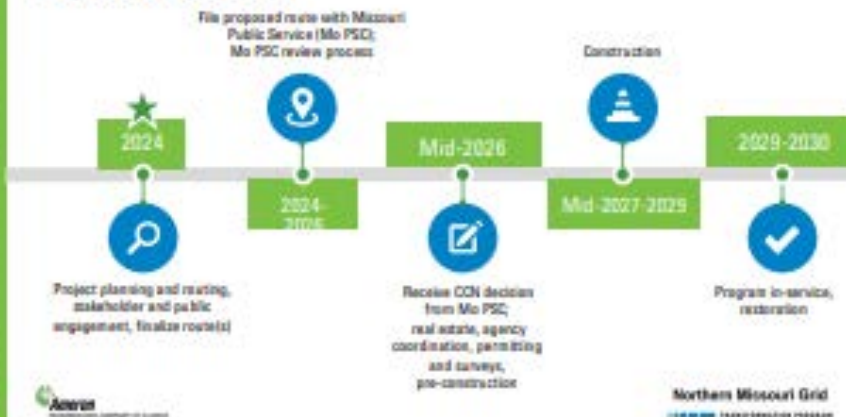
The program will prepare the grid for the future by replacing aging infrastructure, adding transmission capacity to ensure energy **reliability and resiliency**, and promoting more access to energy sources for communities.

- ⚡ Increasing transmission capacity to meet changing energy needs.
- ✓ Supporting lower energy supply costs.
- 🏠 Improving energy reliability for the surrounding region and local communities.
- 🌱 Promoting access to diverse energy sources.
- 📍 Growing economic development opportunities.



Northern Missouri Grid
TRANSMISSION PROGRAM

DZTM Schedule



Northern Missouri Grid
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Agency Coordination

Our team coordinates with federal, state and local agencies regarding protected or sensitive resources within the program area. Sometimes additional permits or approvals from these agencies are necessary for construction:



MISSOURI
DEPARTMENT OF
NATURAL RESOURCES



Northern Missouri Grid
1-800-800-1100 | TRANSMISSION PROGRAM

Real Estate & Easements

Ameren's real estate team will have several land agents assisting landowners during the entire real estate process for existing and new corridors. Discussions with landowners will include topics such as:

Easement Needs

Easements allow our team access for construction, operation and maintenance of the transmission line. In general, the land can continue to be used as before, provided that the use does not interfere with the transmission line.

- Right-of-way and easements will vary depending upon line segment and location
- Typical right-of-way is 75 ft. from the centerline on both sides

- ✓ Land surveys & studies
- ✓ Access roads
- ✓ Structure/line design
- ✓ Right-of-way clearing
- ✓ Compensation
- ✓ Property restoration



Northern Missouri Grid
1-800-800-1100 | TRANSMISSION PROGRAM

Vegetation Management

Safety and reliability are the driving factors behind managing trees, and other forms of vegetation, around our transmission lines. Trees and other vegetation can damage the line and hinder our ability to deliver electric services safely and reliably. They can make the job of storm restoration more difficult, extend restoration times and pose additional hazards to line crews.

To protect the public and reduce the risk of extended power outages, Ameren has a vegetation management program designed to ensure proper clearances around the lines as required by federal and state agencies. The program reduces the potential for damage and allows access for crews to maintain and repair transmission equipment.

This vegetation management work may include:

- ✓ Inspections
- ✓ Mowing
- ✓ Manual and aerial trimming



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1-800-800-1100 | TRANSMISSION PROGRAM

Construction

Construction will begin in 2027.

Transmission line construction is completed in intermittent phases and will not be constant on landowner property. We will provide more information before construction begins on any landowner property.

On most structures, there will be six major stages of construction.



1 Surveys, soil borings, vegetation management and access roads



2 Assemble structure on the ground



3 Dig structure holes



4 Lift structure into hole and backfill with concrete



5 String wires



6 Energize line and restore vegetation



Northern Missouri Grid

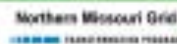
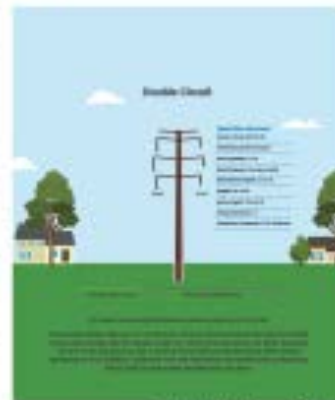
TRANSFORMATION PROGRAM

What's Happening in Your Community



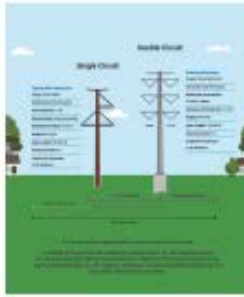
Zachary-Thomas Hill Line Segment

- Approx. 44 miles
- Located in Adair, Macon & Randolph counties
- Removal of existing H frames
- Rebuilt double circuit steel monopole 345/161 kV



Zachary-Maywood Line Segment

- Approx. 60 miles
- Single 345 kV
- Located in Adair, Knox, Lewis & Marion counties
- Majority of line segment parallels existing corridor with overlapping easements



Northern Missouri Grid
TRANSMISSION PROGRAM

Denny-Zachary Line Segment

- Approx. 102-105 miles
- Located in DeKalb, Daviess, Grundy, Sullivan & Adair counties
- Single 345 kV paralleling existing/new line (MSO selected)
- **OR**
- Double circuit 345kV/765kV (regulatory req.)*



Northern Missouri Grid
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Give us your feedback!- [CLICK HERE](#)



Northern Missouri Grid
TRANSMISSION PROGRAM

Northern Missouri Grid

TRANSMISSION PROGRAM

Thank You!

We appreciate your time and feedback provided today!

connect@AmerenGridMO.com | 833.799.1633 | Ameren.com/NorthernMOGrid



Part 4. Agency Coordination

A. Number of Invitations to and Attendees from Agencies

Number of Email Invitations Sent to Agencies

Agency	Number of Recipients Invited
US Army Corps of Engineers	8
US Fish and Wildlife Service	5
United States Environmental Protection Agency	4
Missouri Department of Transportation	12
Missouri Department of Natural Resources	8
Missouri Department of Conservation	1
TOTAL INVITEES	38

Number of Attendees at Each Virtual Meeting

Agency	July 30 1:00-2:30 pm Meeting Attendees	July 31 10:00-1130 am Meeting Attendees
US Army Corps of Engineers (Rock Island & StL)	2	0
US Fish and Wildlife Service	1	1
United States Environmental Protection Agency	1	0
Missouri Department of Transportation	4	4
Missouri Department of Natural Resources	1	0
Missouri Historic Preservation Office (MoDNR)	1	0
Missouri Department of Conservation	1	0
TOTAL AGENCY ATTENDEES	11	5

A. Agency Coordination Virtual Meeting E-Invitation

From: Beth Brimer

Sent: Wednesday, July 24, 2024 3:03 PM

Cc: Scott Gross <scott.gross@contractlandstaff.com>; Dettmers, Leah <ldettmers@ameren.com>

Subject: Northern Missouri Grid Transformation Program

Northern Missouri Grid

TRANSFORMATION PROGRAM

Hello,

Ameren Transmission Company of Illinois (ATXI), Missouri Joint Municipal Electric Utility Commission (MJMEUC) and Ameren Missouri are working together to build a more reliable and resilient energy grid for the future. We invite you to participate in an agency coordination meeting discussing Phase 2 of the Northern Missouri Grid Transformation Program.

About the Northern Missouri Grid Transformation Program

The Northern Missouri Grid Transformation Program is a portfolio of new energy projects that includes over 255 miles of new 345 kV transmission lines developed in two phases across northern Missouri.

Northern Missouri Grid Transformation Program's Phase 2 includes the Denny-Zachary-Thomas Hill-Maywood (DZTM) Project with over 200 miles of new transmission lines across ten counties in Northern Missouri. The DZTM Project is located in DeKalb, Daviess, Grundy, Sullivan, Adair, Knox, Lewis, Marion, Macon and Randolph counties. The Project also includes upgrades to existing substations.

Just as additional roads need to be built or expanded over time, the program will prepare the grid for the future by adding transmission capacity. The program will also ensure energy reliability and resiliency while promoting more access to energy sources for Northern Missouri communities and the region.

Program Benefits:

- Increasing transmission capacity to meet changing energy needs.
- Supporting lower energy supply costs.
- Improving energy reliability for the surrounding region and local communities.
- Promoting access to diverse energy sources.
- Growing economic development opportunities.

Join Us for DZTM Project Virtual Agency Coordination Meeting

Ameren believes early coordination with agencies is a valuable piece of project planning and is notifying your agency directly of their intent to host upcoming virtual Project Introduction and Coordination Meetings to be held on Tuesday, July 30, 2024 (1:00 PM CDT) and Wednesday, July 31, 2024 (10:00 AM CDT).

The meetings will last up to approximately 90 minutes and will include a presentation, mapping discussion and Q&A session. The purpose of these meetings is to provide each invited agency representative with an overview discussion of the project. It will also provide an opportunity to preview the project area and initiate discussions on possible environmental constraints, land use, consultation, and permitting needs that could arise. Your input will assist the project team in developing routes that take advantage of opportunities while minimizing impacts.

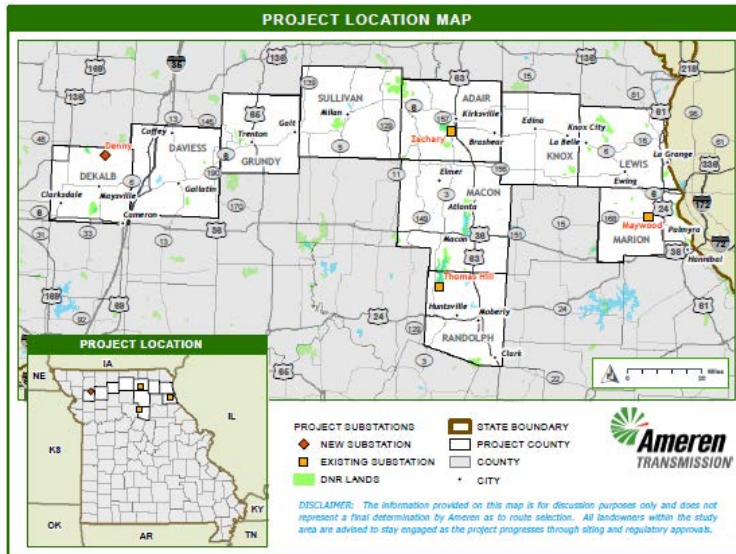
Please RSVP by Friday, July 26, 2024 to our team via our project email at connect@AmerenGridMo.com. If you cannot attend the meeting, please contact us and we can provide you with a copy of our presentation materials by mail or email. Please feel free to forward this invitation to a colleague if you are unable to attend or if they should also be in attendance. *Watch for an email from the project team on Friday, July 26th, 2024 with Microsoft Teams links for each meeting.*

Thank you for your time and we look forward to connecting with each of you during the upcoming meetings.

Sincerely,

Tracy Dencker
Senior Project Manager, Ameren

Enclosure: Project Study Area Map



B. Recipients of Agency Coordination Invitations

stuart.miller@mdc.mo.gov
amy.rubingh@dnr.mo.gov
billy.hackett@dnr.mo.gov
hannah.humphrey@dnr.mo.gov
missy.newman@dnr.mo.gov
moshpo@dnr.mo.gov
brian.stith@dnr.mo.gov
brenna.mcdonald@dnr.mo.gov;
michael.kruse@dnr.mo.gov;
Emily.edgar@modot.mo.gov
Paula.gough@modot.mo.gov
Kevin.james@modot.mo.gov
Gerri.jeffries@modot.mo.gov
Jenna.keyes@modot.mo.gov
Martin.liles@modot.mo.gov
Michael.marriott@modot.mo.gov
Jeffrey.niemeyer@modot.mo.gov
Christopher.peterson@modot.mo.gov
Jose.Rodriquez@modot.mo.gov

Troy.slagle@modot.gov
nwcr@modot.mo.gov
David.R.Hibbs@usace.army.mil;
Daniel.S.Lange@usace.army.mil;
Alexis.F.Ryckaert@usace.army.mil;
Aurora.C.Scott@usace.army.mil;
Brant.J.Vollman@usace.army.mil;
Julie.C.Rimbault@usace.army.mil;
Robert.S.Gramke@usace.army.mil;
tyson.j.zobrist@usace.army.mil
McCollister.Meg@epa.gov;
skelley.dana@epa.gov;
summerlin.joe@epa.gov;
sedlacek.michael@epa.gov;
Vona_kuczynska@fws.gov;
john_s_weber@fws.gov;
gabriela_wolf-gonzalez@fws.gov;
kathryn_bulliner@fws.gov;
kris_budd@fws.gov;

C. Materials Used in Agency Coordination Virtual Meetings

WELCOME!

Denny-Zachary-Thomas Hill-Maywood
July 2024



Agenda

- Safety Moment
- Introductions
- Presentation
- Question and Answer
- Mapping Exercise
- Wrap Up and Next Steps



Safety Moment

- Stay hydrated during summer heat
- Restrooms
- Storm shelter areas
- Evacuation plan and emergency exits







Introductions



- Name
- Agency
- Role
- What are you most interested to learn today?



Goals of Today's Forum

-  Introduce the program & project
-  Gather community insights
-  Collect data to support the routing process
-  Identify questions prior to future public engagement



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Project Management
Stakeholder & Public Engagement
Engineering
Real Estate
Construction
Environmental & Permitting



MJMEUC

Collaborative
Partners



Real Estate



Routing



Northern Missouri Grid
TRANSFORMATION PROGRAM

Northern Missouri Grid
TRANSFORMATION PROGRAM

Program Overview



MISO-Approved Project

The Program is part of an initiative from Midcontinent Independent System Operator (MISO), an independent member organization that works with midwestern states and Manitoba, Canada, to ensure reliable, resilient and affordable energy for the region.

Visit misoenergy.org to learn more.



Northern Missouri Grid
TRANSFORMATION PROGRAM

MISO LRTP

MISO's larger energy initiative is known as Long Range Transmission Planning (LRTP) and is being developed to improve the ability to move energy across the Midwest—reliably and at the lowest possible cost.

It has various stages called Tranches. The Northern Missouri Corridor is part of the LRTP Tranche 1.

Northern Missouri Corridor

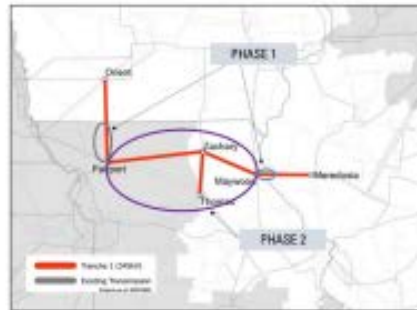


Northern Missouri Grid
TRANSMISSION PROGRAM

Program Area

Ameren Transmission Company of Illinois (ATXI) has been selected by MISO to develop three projects in Missouri:

- Fairport-Denny-Iowa/Missouri border (FDIM)
- Maywood-Mississippi River Crossing (MMRX)
- Denny-Zachary-Thomas Hill-Maywood



Northern Missouri Grid
TRANSMISSION PROGRAM

Program Benefits

- ⚡ Increasing transmission capacity to meet changing energy needs.
- ✓ Supporting lower energy supply costs.
- 🏠 Improving energy reliability for the surrounding region and local communities.
- 🌱 Promoting access to diverse energy sources.
- 📍 Growing economic development opportunities.



Northern Missouri Grid
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FDIM & MMRX Projects



Filed CCN application and proposed routes to Missouri Public Service Commission on 3/16/24.



Northern Missouri Grid
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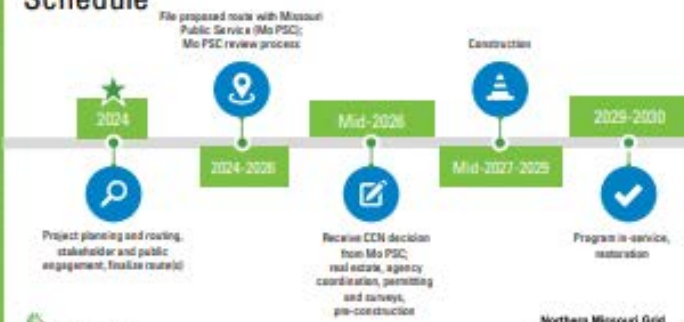
Denny-Zachary-Thomas Hill-Maywood Project

- Over 200 miles of new transmission lines
- Upgrades to three substations
- Three segments
- Ten counties



Northern Missouri Grid
TRANSMISSION PROGRAM

Schedule

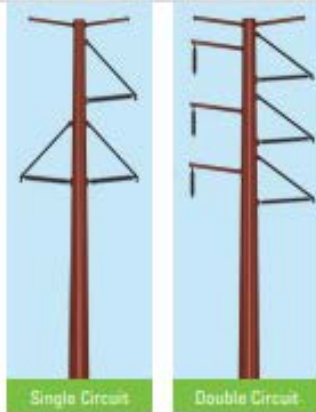


Northern Missouri Grid
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Typical New Structures

- Steel monopoles
- 80-140 feet tall
- 7-8 structures per mile
- Average span range of 700-900 feet between structures
- Clearance at minimum of 25 ft to grade

Typical span range & clearance requirements



Easement Needs

- Right-of-way and easements will vary depending upon line segment and location
- Typical right-of-way is 75 ft. from the centerline on both sides



Northern Missouri Grid
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Routing



Routing Process



Routing a Transmission Line

Our goal is to take advantage of Opportunities while understanding and minimizing impacts to Sensitivities and adhering to Technical Guidelines and Statutory Requirements.

- Opportunities ← Public Input
- Sensitivities
- Technical Guidelines
- Statutory Requirements



Opportunities and Sensitivities

OPPORTUNITIES	SENSITIVITIES
<p>Large features that are related to the project.</p> <ul style="list-style-type: none"> • Field Area • Right-of-Way • Priority Area • Utility Corridor • Service Area 	<p>Resources or conditions that could be impacted by the development.</p> <ul style="list-style-type: none"> • Agricultural Practices • Archeology • Cemeteries • Distribution Assets • Environmental Impact/Study Potential • Cultural Resources • Historical/Archaeological Resources • Wetlands • Areas of Special Construction and Appearance • Areas of Special Concern • Noise • Property • Existing Facilities • Land Use • Military/Security • Pipelines • Public Utilities • Radio Frequency Interference (RFI) • Railroads • Electric Right-of-Way • Cultural/Heritage • Environmental Resources • Parks



Technical Guidelines

- Minimize length
- Ensure adequate access for construction and maintenance activities
- Comply with horizontal and vertical clearance requirements
- Maintain required or sufficient setbacks from roads and highways
- Minimize angles
- Minimize crossing of existing transmission lines
- Minimize impractical construction requirements
- Minimize non-standard designs
- Ensure safety and compatibility with existing land uses



Northern Missouri Grid
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Agency Coordination



Northern Missouri Grid
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Northern Missouri Grid
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What's Happening in Your Community



Denny-Zachary-Thomas Hill-Maywood Project

- Over 200 miles of new transmission lines
- Upgrades to existing Ameren substations
- Three segments
- Ten counties



Northern Missouri Grid
TRANSFORMATION PROGRAM

Zachary-Thomas Hill Line Segment

- Approx. 44 miles
- Removal of existing H frames
- Rebuilt double circuit steel monopole 345/161 kV



Northern Missouri Grid
TRANSMISSION PROGRAM

Zachary-Maywood Line Segment

- Approx. 60 miles
- Single 345 kV
- Majority of line segment parallels existing steel monopole corridor with overlapping easements



Northern Missouri Grid
TRANSMISSION PROGRAM

Denny-Zachary Line Segment

- Approx. 102-105 miles
- Single 345 kV paralleling existing/new line (MISO selected)
- OR -
- Double circuit 345kV/161kV (regulatory req.)



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Questions?



Mapping Discussion



Opportunities and Sensitivities Recap



OPPORTUNITIES

Open to ideas that are aligned with the direction of the program.

- FERC 833
- Proactive
- State Grid
- Rural
- CBM/Community

SENSITIVITIES

Open to ideas that are aligned with the direction of the program.

- Agricultural activities
- Airport/ICR
- Churches
- Communication Towers
- Conservation Areas/State Parks
- Cultural Resources
- Pipelines/Development Sites
- Roadside
- Areas with sensitive land use
- Historic/Archaeological
- Parks
- Schools
- State Parks
- Military/Defense
- Drinking Water
- Wetlands
- State Parks
- Military/Defense
- Drinking Water
- Wetlands



Engagement



Website



Visit our website: www.Ameren.com/NorthernMOGrid



We Need Your Feedback!

- 🕒 Open houses in August 2024
- 🌐 Virtual engagement opportunities
- ✅ Ongoing communication with stakeholders and landowners throughout the project
- 📞 Communication tools: email, hotline and website



Interactive mapping and comments feature available in August on our website:
www.Ameren.com/NorthernMOGrid



Northern Missouri Grid

TRANSFORMATION PROGRAM

Thank You!

We appreciate your time and feedback provided today!

connect@AmerenGridMO.com | 833.799.1633 | Ameren.com/NorthernMOGrid



Part 5. Electric Cooperative Letters of Support



Grundy Electric Cooperative, Inc.

4100 Oklahoma Avenue • Trenton, MO 64683 • 1-800-279-2249 • www.grundyec.com

October 30, 2024

Dear Mr. Schukar:

Grundy Electric Cooperative believes Phase 2 of the Northern Missouri Grid Transformation Program will provide safe, reliable and affordable power for our local communities. Infrastructure investments that strengthen and support the reliability of our electric system are in the best interest of our member-distribution cooperatives, member consumers, landowners, and Northern Missouri as a whole.

Phase 2 of Northern Missouri Grid Transformation Program will provide many benefits to our region and members. This project will improve electric system reliability and efficiency; help alleviate congestion to the energy grid; meet local energy needs; and promote diverse energy sources. In addition, this project will provide tax revenue to support our schools, roads and emergency services across Missouri where the Program will be located.

As part of Northern Missouri's cooperative system, we are pleased to work together with Ameren Transmission Company of Illinois (ATXI) to find solutions that mitigate concerns of landowners, businesses, community members and area leaders. We support the Denny-Zachary double circuit line design (Option B), as we believe this option provides the full benefits of the energy investment for our members while minimizing impacts to local landowners, businesses, and our communities in Northern Missouri.

Grundy Electric Cooperative is committed to serving our members safely, reliably and responsibly, and fully supports the Denny-Zachary double circuit line design (Option B), and Phase 2 of the Northern Missouri Grid Transformation Program.

Sincerely,

Scott Wilson
General Manager

A Touchstone Energy® Cooperative

This institution is an equal opportunity provider and employer.



Grundy Electric Cooperative, Inc.

4100 Oklahoma Avenue • Trenton, MO 64683 • 1-800-279-2249 • www.grundyec.com

October 30, 2024

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Sincerely,

Scott Wilson
General Manager

A Touchstone Energy® Cooperative

This institution is an equal opportunity provider and employer.



**N.W. Electric
Power Cooperative, Inc.**

P.O. Box 565
Cameron, Missouri 64429
Telephone: (816) 632-2121
Fax: (816) 632-3114

October 21, 2024

Dear Mr. Schukar:

NW Electric Power Cooperative (NW) believes Phase 2 of the Northern Missouri Grid Transformation Program will provide safe, reliable and affordable power for our local communities. Infrastructure investments that strengthen and support the reliability of our electric system are in the best interest of our member-distribution cooperatives, member consumers, landowners, and Northern Missouri as a whole.

Phase 2 of Northern Missouri Grid Transformation Program will provide many benefits to our region and members. This project will improve electric system reliability and efficiency; help alleviate congestion to the energy grid; meet local energy needs; and promote diverse energy sources. In addition, this project will provide tax revenue to support our schools, roads and emergency services across Missouri where the Program will be located.

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NW is committed to serving our members safely, reliably and responsibly, and fully supports the Denny-Zachary double circuit line design (Option B), and Phase 2 of the Northern Missouri Grid Transformation Program.

Sincerely,

David McDowell, PE
CEO and General Manager

This institution is an equal opportunity provider and employer. If you wish to file a Civil Rights program complaint of discrimination, complete the USDA Program Discrimination Complaint Form, found online at http://www.ascr.usda.gov/complaint_filing_cust.html, or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1450 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at program.intake@usda.gov.

A Touchstone Energy™ Partner





Main Office:

1000 W. Highway 92 /
P.O. Box 100
Kearney, MO 64060
Phone: (816) 628-3121
Fax: (816) 628-3141
Web: www.pcec.coop

District Office:

15055 Bethel Rd.
Platte City, MO 64079

October 28, 2024

Shawn Schukar
Northern Missouri Grid Transformation Program
c/o CLS
107 North Main St., Suite 3B
Columbia, IL 62236

Dear Mr. Schukar,

Platte-Clay Electric Cooperative (PCEC) believes Phase 2 of the Northern Missouri Grid Transformation Program will provide safe, reliable and affordable power for our local communities. Infrastructure investments that strengthen and support the reliability of our electric system are in the best interest of our member consumers, landowners and Northern Missouri as a whole.

Phase 2 of the Northern Missouri Grid Transformation Program will provide many benefits to our region and members. This project will improve electric system reliability and efficiency, help alleviate congestion to the energy grid, meet local energy needs and promote diverse energy sources. In addition, this project will provide tax revenue to support our schools, roads and emergency services across Missouri where the Program will be located.

As part of Northern Missouri's cooperative system, we are pleased to work together with Ameren Transmission Company of Illinois (ATXI) to find solutions that mitigate concerns of landowners, businesses, community members and area leaders. We support the Denny-Zachary double circuit line design (Option B), as we believe this option provides the full benefits of the energy investment for our members while minimizing impacts to local landowners, businesses, and our communities in Northern Missouri.

PCEC is committed to serving our members safely, reliably and responsibly, and fully supports the Denny-Zachary double circuit line design (Option B), and Phase 2 of the Northern Missouri Grid Transformation Program.

Sincerely,

A handwritten signature in blue ink, appearing to read "D Deihl", is written over a horizontal line.

David Deihl
CEO and General Manager, Platte-Clay Electric Cooperative
Board President, NW Electric Cooperative

Your Touchstone Energy® Partner 