Big Store South to Ellendale March 5 2013 Chad Miller Montang Dakata 4tilities Co Voo North Fourth Street Bismarch, ND 58501-4092	We the board of supervisors in Farmington township in Day Co. SD are opposed to the routing of 345 Ku transmission / ine through good caltingtod land in our town ship. The line would be a hazard to the farmers to farm around, spray around & the airial spraying.	Farmingthu trunskip band mill agree supervise for the supervise for the supervise for the supervise for the supervise

BSSE000268

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March 14, 2013

Farmington Township Board c/o Milo Olson 41650 125<sup>th</sup> Street Langford, SD 57454

## RE: Big Stone South to Ellendale (BSSE) Response to Mailed Comment

Dear Mr. Olson and the Farmington Township Board,

Thank you for your comment dated March 5, 2013 voicing the Board's position on the routing of the Big Stone South to Ellendale (BSSE) project through farmland in your township. We appreciate your input and participation in the project. To minimize impacts within fields, our routing criteria will help keep the new transmission line on field lines, section lines and quarter section lines where possible and acceptable to the landowner. We are currently reviewing the preliminary routes that have been developed through the routing process, using input gathered through the public open house routing meetings and website and email comments, along with agency input and environmental and engineering considerations. Using this input and data, the project team will identify a preferred route.

If you have further questions or comments you would like us to address for the Big Stone South to Ellendale project, please call our toll-free information line at 1-888-283-4678, email us at info@bssetransmissionline.com, or visit our website at www.bssetransmissionline.com.

Sincerely, Chad Miller for Montana-Dakota Utilities, Co. on behalf of The Big Stone South to Ellendale Team

## **DAY COUNTY AUDITOR**

711 W FIRST STREET, Ste #204 WEBSTER SD 57274 
 TELEPHONE 605-345-9500

 FAX
 605-345-9515

RECEIVED

APR 2 9 2013 SOUTH DAKOTA PUBLIC UTILITIES COMMISSION

April 26, 2013

Public Utilities Commission 500 East Capitol Ave Pierre, SD 57501

Dear PUC,

On behalf of the Day County Commissioners, I am submitting copies of letters from 3 townships. Farmington, Highland, and Valley Townships in Day County have expressed opposition to the Big Stone South to Ellendale transmission line.

Please take their opinions into consideration.

If you should have any questions, please contact me at (605) 345-9500 or dcaud@itctel.com

Sincerely

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Sandra Raap, Day County Auditor

March 19th Com MAg Big Stone South to Ellendale March 5 2013 Chad Miller والماحة والمحمور والمعاد والمحاول والمراج المحمول والمراجعة والمحاوي المحاول والمحمول والمحمول Montang DeKota Utilities Co. 400 North Fourth Street Bismarck, NO 58501-4092 -ورواقه والمروسية محيو ومعيد والاو والأور والمرود والمرود We the board of supervisors in Farmington township in Day Co. SD gre apposed to the routing of 3.45 Ku transmission live through good caltingted land in our town ship. The line would be a hazard to the farmers to form around, spray around & the airig ( spraying. Farmington township board Will Okoon Supervisor Stepan last trissure sami N/Ilson

BSSE000271

Highland Township Day County, South Dakota 04/06/2013

Day County Commissioners 711 W. 1<sup>st</sup> Street Webster, SD 57274

R APR 08 2013 SANDRA RAAP COUNTY AUDITOR

Dear Day County Commissioners:

On behalf of the residents of Highland Township, the township supervisors would like to express their opposition to the planned transmission line for the Big Stone South to Ellendale. The primary reasons that we are opposed are as follows:

- > Devaluation of property
- Safety concerns
- Limitation of future farming practices (irrigation, tiling, auto-steer capabilities, etc.)
- > One-time limited easement payment

Respectfully, Wayne Schlatto Waspe anderson Mike Dale

Highland Township

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ا س	SANDRA RAAP COUNTY AUDITOR	

## VALLEY TOWNSHIP

## DAY COUNTY, SOUTH DAKOTA

April 9, 2013

Day County Commissioners 711 West 1<sup>st</sup> Street Webster, SD 57274

Dear Day County Commissioners:

On behalf of the residents of our township, the Valley Township Board of Supervisors would like to express their opposition to the planned transmission line for the Big Stone South To Ellendale project.

The primary reasons for our opposition to the project as presented, are as follows:

- Devaluation of property
- Limitation of future farming practices, i.e. Irrigation, tiling, auto-steer capabilities, etc.
- One-time limited easement payment
- Safety concerns

Sincerely, In the

VALLEY TOWNSHIP BOARD OF SUPERVISORS



May 24, 2013

Wayne Anderson Highland Township 14908 432nd Ave Webster, SD 57274

## RE: Project Update with Preferred Route Montana-Dakota Utilities Co. and Otter Tail Power Company Proposed Big Stone South to Ellendale 345 kV Transmission Line Project

Dear Wayne,

Montana-Dakota Utilities Co. and Otter Tail Power Company have selected a preferred route for the proposed Big Stone South to Ellendale 345 kV transmission line project. As you may recall, the line will be 160 miles to 170 miles long and routed between a new substation to be located near Ellendale in Dickey County, North Dakota, and Big Stone South substation located near Big Stone City in Grant County, South Dakota. The Mid-Continent Independent System Operator (MISO, formally Midwest Independent Transmission System Operator) identified the need for this transmission line to improve reliability, increase electric system capacity and support public policy by enabling renewable and other forms of energy to integrate into the electric system. You can find more information by visiting www.BSSEtransmissionline.com, calling our toll-free information line at (888) 283-4678, or contacting Chad Miller or Al Koeckeritz (information below).

In January, February and March 2013, we gathered input from tribal, federal, state, and local agencies and the public. We discussed routing constraints and opportunities near preliminary routes. Using this input, along with environmental and engineering considerations, the project team developed the preferred route (see enclosed map).

We evaluated the following criteria to identify the preferred route:

- Existing rights-of-way (transmission lines, pipelines, railway, or roads), survey lines, and natural division lines
- Distance from homes
- Populated areas
- High densities of important natural features
- High densities of cultural properties and sensitive traditional areas
- River crossing locations
- Public and private airports
- Length
- Input from agencies and landowners
- Input from tribes

Montana-Dakota Utilities Co. and Otter Tail Power Company Big Stone South to Ellendale Project 345 kV Transmission Line

Please note that Montana-Dakota Utilities Co. and Otter Tail Power Company will be finalizing the route details in the next month in order to submit state routing permit applications in later this year. We appreciate your ongoing participation in this project and look forward to continuing to work with you. If you have questions, comments or feedback, please contact Al Koeckeritz at (218) 739-8416, akoeckeritz@otpco.com or Chad Miller at (701) 222-7865, chad.miller@mdu.com, or by mail at the address below.

Al Koeckeritz Otter Tail Power Company 215 S. Cascade St Fergus Falls, MN 56537

Sincerely,

Montana-Dakota Utilities Co.

Henry Ford Project Developer

Enclosures: Preferred

Otter Tail Power Company

Montana-Dakota Utilities Co.

400 North Fourth Street

Bismarck, ND 58501-4092

antonoli;

Dean Pawlowski Project Developer

Route

Chad Miller

Map



May 24, 2013

Brent Zimmerman Valley Township 14648 423rd Ave Bristol, SD 57219

## RE: Project Update with Preferred Route Montana-Dakota Utilities Co. and Otter Tail Power Company Proposed Big Stone South to Ellendale 345 kV Transmission Line Project

Dear Brent,

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Montana-Dakota Utilities Co. and Otter Tail Power Company Big Stone South to Ellendale Project 345 kV Transmission Line

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Al Koeckeritz Otter Tail Power Company 215 S. Cascade St Fergus Falls, MN 56537

Sincerely,

Montana-Dakota Utilities Co.

Henry Ford Project Developer

Enclosures: Preferred

Otter Tail Power Company

Montana-Dakota Utilities Co.

400 North Fourth Street

Bismarck, ND 58501-4092

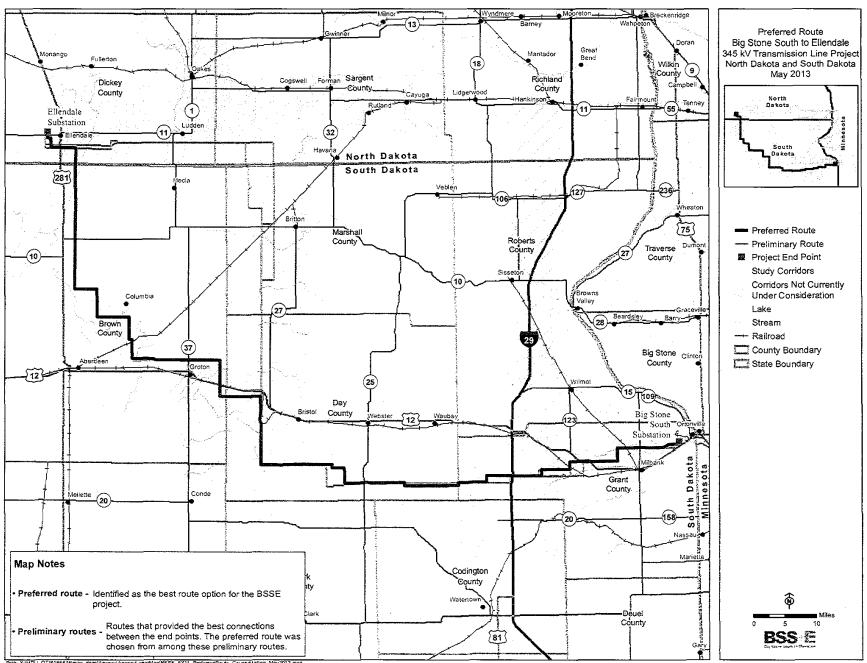
Tanlowski:

Dean Pawlowski Project Developer

Route

Chad Miller

Map



DAY COUNTY AUDITOR

711 W FIRST STREET, Ste #204 WEBSTER SD 57274 
 TELEPHONE
 605-345-9500

 FAX
 605-345-9515

RECEIVED

April 26, 2013

APR 2 9 2013 SOUTH DAKOTA PUBLIC UTILITIES COMMISSION

Public Utilities Commission 500 East Capitol Ave Pierre, SD 57501

Dear PUC,

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Sincerely

Haap/ andia (

Sandra Raap, Day County Auditor

March 19th Com MAg Big Stone South to Ellendale March 5 2013 Chad Miller MONTENG-DEKOta Ytilities Co. 400 North Fourth Street Bismarck, NO 58501-4092 We the board of supervisors in Farmington township in Day Co. SD are apposed to the nonting of 345 Ku transmission line through good caltingted land in our township. The line would be a hazard to the farmens to form around, spray around & the airig! spraying. Farmington township board Supervisor Sepurat MEL

Highland Township Day County, South Dakota 04/06/2013 APR 08 2013 SANDRA RAAP COUNTY AUDITOR

Day County Commissioners 711 W. 1<sup>st</sup> Street Webster, SD 57274

**Dear Day County Commissioners:** 

On behalf of the residents of Highland Township, the township supervisors would like to express their opposition to the planned transmission line for the Big Stone South to Ellendale. The primary reasons that we are opposed are as follows:

- > Devaluation of property
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- > Limitation of future farming practices (irrigation, tiling, auto-steer capabilities, etc.)
- > One-time limited easement payment

Respectfully, Wayne Schlatto Waspe aderson Mihe Dale

Highland Township

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	SANDRA RAAP COUNTY AUDITOR		

## VALLEY TOWNSHIP

## DAY COUNTY, SOUTH DAKOTA

April 9, 2013

Day County Commissioners 711 West 1<sup>st</sup> Street Webster, SD 57274

Dear Day County Commissioners:

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- One-time limited easement payment
- Safety concerns

Sincerely, whal?

VALLEY TOWNSHIP BOARD OF SUPERVISORS



May 24, 2013

Brent Zimmerman Valley Township 14648 423rd Ave Bristol, SD 57219

## RE: Project Update with Preferred Route Montana-Dakota Utilities Co. and Otter Tail Power Company Proposed Big Stone South to Ellendale 345 kV Transmission Line Project

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In January, February and March 2013, we gathered input from tribal, federal, state, and local agencies and the public. We discussed routing constraints and opportunities near preliminary routes. Using this input, along with environmental and engineering considerations, the project team developed the preferred route (see enclosed map).

We evaluated the following criteria to identify the preferred route:

- Existing rights-of-way (transmission lines, pipelines, railway, or roads), survey lines, and natural division lines
- Distance from homes
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Montana-Dakota Utilities Co. and Otter Tail Power Company Big Stone South to Ellendale Project 345 kV Transmission Line

Please note that Montana-Dakota Utilities Co. and Otter Tail Power Company will be finalizing the route details in the next month in order to submit state routing permit applications in later this year. We appreciate your ongoing participation in this project and look forward to continuing to work with you. If you have questions, comments or feedback, please contact Al Koeckeritz at (218) 739-8416, akoeckeritz@otpco.com or Chad Miller at (701) 222-7865, chad.miller@mdu.com, or by mail at the address below.

Al Koeckeritz Otter Tail Power Company 215 S. Cascade St Fergus Falls, MN 56537

Sincerely,

Montana-Dakota Utilities Co.

Henry Ford Project Developer

Enclosures: Preferred

Otter Tail Power Company

Montana-Dakota Utilities Co.

400 North Fourth Street

Bismarck, ND 58501-4092

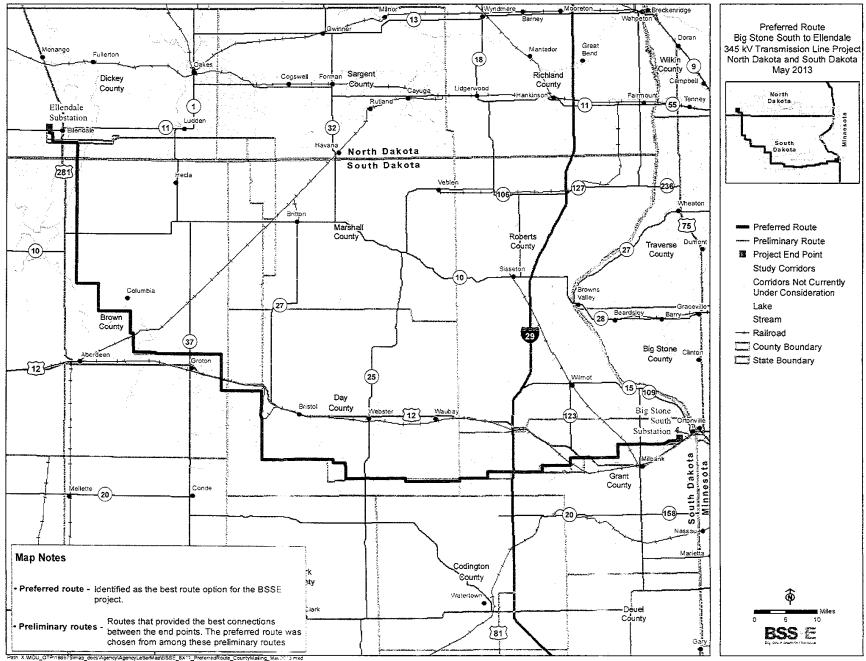
antonoli;

Dean Pawlowski Project Developer

Route

Chad Miller

Мар



# EVENT 7134 Landowner Notification of Preferred Route



<DATE>

ADDRESS

## RE: Project Update with Preferred Route Montana-Dakota Utilities Co. and Otter Tail Power Company Proposed Big Stone South to Ellendale 345 kV Transmission Line Project

Dear NAME,

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To determine the preferred route, Montana-Dakota Utilities Co. and Otter Tail Power Company went through an extensive routing process. Below are the major routing steps that were completed over the past year:

- Defined the study area
- Identified study corridors
- Identified route segment alternatives
- Refined the focus study corridors
- Evaluated route segments within the focus study corridors (route segment alternatives)
- Identified preliminary routes

To identify the preferred route, Montana-Dakota Utilities Co. and Otter Tail Power Company took into account large amounts of data, including:

- Environmental and engineering considerations
- Input from agencies, tribes and local officials
- Input from landowners obtained at public open house meetings
- Input from the public through the website, mailings and information line

According to our information, you own property along or adjacent to the preferred route. We will continue to notify you about the BSSE project as it progresses through the state

Montana-Dakota Utilities Co. and Otter Tail Power Company Big Stone South to Ellendale Project 345 kV Transmission Line

permitting processes. As the project moves forward, and if an easement is required on your property, a land agent on the BSSE project team will contact you to discuss the next steps.

If you have questions or comments you would like us to address for the BSSE project, please call our toll-free information line at 1-888-283-4678, email us at <u>info@bssetransmissionline.com</u> or visit our website at <u>www.bssetransmissionline.com</u>.

Sincerely,

Montana-Dakota Utilities Co.

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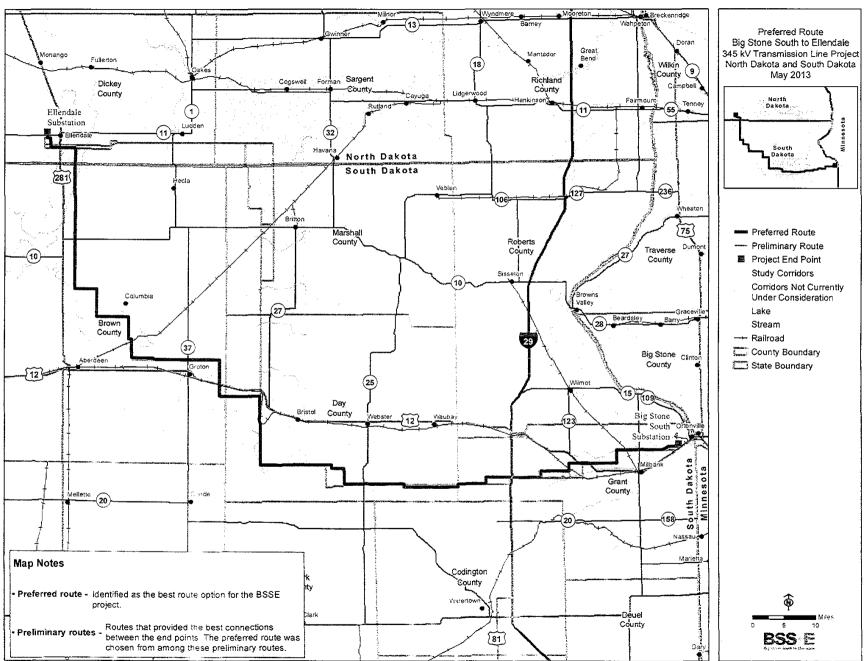
Henry Ford Project Developer

Enclosures: Preferred Route Map

Otter Tail Power Company

Tantonole:

Dean Pawlowski Project Developer





# Frequently Asked Questions

MONTANA-DAKOTA



## How did you determine where the transmission line will be located?

The project team identified a preferred route using input gathered from the public at routing meetings along with agency input and environmental and engineering considerations. For more information, please refer to the summary outreach document located on our website at **www.bssetransmissionline.com/routing.** 

## How far will your transmission line be from homes?

No homes will be located within our right-of-way, which is 150 feet wide. This means the minimum distance a home could be from the centerline of our project is 75 feet. In addition, we adopted a goal to minimize the number of homes within 500 feet of the project centerline.

## How are affected landowners compensated?

Right-of-way agents will prepare a specific estimate for each landowner based on a consistent payment formula. Total compensation for each easement varies, depending on factors such as the local market value of land, the calculated acreage for the right-of-way, current land use, and whether poles will be located in the easement.

## Why do landowners receive a one-time payment instead of annual payments?

We will offer landowners a single payment to cover the cost of the easement footprint, the inconvenience of structures on the property, and impact to agricultural operations. This approach follows the established compensation process for transmission lines within the region. Annual payments are traditionally associated with generation projects on private land. These assets generate a commodity that is marketed to the public. For example, wind farms usually make annual payments to landowners because they sell the energy generated on the landowner's property. Often the payments fluctuate with the amount of energy being produced.

In comparison to generation projects, transmission lines are generally low impact to land use, with the greatest disturbance occurring during construction. During operation of the transmission line, the structures themselves will take approximately 0.01 acres per mile out of production. Therefore, because of this relatively small impact, the established one-time payment should sufficiently reimburse landowners.

## How will you handle construction damage on my property?

During the construction phase, inspectors retained for the project will monitor and record damages when they occur. We will review each case and determine a course of repair. The responsibility and cost for any repairs belong to us.

## How will I be compensated for crop damage during construction?

We will compensate landowners for crop damages that occur during construction. The damage payment for standing crops will be determined by the following formula: acres x yield x price per bushel. During the year construction is completed, project representatives and the landowner will jointly determine the acres of crop affected by construction. Reimbursement will be based on the average yield of the adjoining crops and prevailing price per bushel being paid by a comparison of values from local elevators or current contractual arrangement. For the three consecutive years following construction, the project will make an additional payment for the potential of loss in crop yield based on this schedule:

- Year 1 50% of the value of the crop damage payment agreed to during the construction season;
- Year 2 and Year 3 25% of the value of the crop damage payment agreed to during the construction season.

## Will I be able to farm around the structures?

Farming activities can occur within the right-of-way and adjacent to the structure. Additionally, our proposed offset from field lines for the portions of the route that are adjacent to roadways allows most landowners to use their largest equipment between the transmission structures and the road right-of-way.

## Will having this transmission line on my land preclude me from having wind turbines?

Having a transmission line on your parcel will not automatically preclude that land from wind development. This project will increase capacity for wind energy in North Dakota, South Dakota, and the region. Often, within a wind farm, there are parcels that contain both wind turbines and transmission lines that connect to the wind farm's interconnection point. Turbine placement depends on many factors, including setback distances from homes, structures and roads, as well as environmental and engineering siting considerations. While a turbine would not typically be placed within the immediate vicinity (i.e. fall down distance) of a high-voltage transmission line, this setback is similar to or less than setbacks from many other features.

## What impacts will the transmission line have to aerial sprayers?

Crop dusters are able to spray fields with transmission structures within or adjacent to them. We will work with the Federal Aviation Administration (FAA) to meet requirements for airports and runways.

## Will the new transmission line interfere with GPS auto-steering reception?

A GPS unit in farming equipment should work properly with a high degree of accuracy underneath the transmission line. GPS devices continually pull signals from a number of satellites, not just one. A signal may be blocked temporarily if the transmission structure is between the receiver and a weak satellite signal, but it will return as the farm equipment moves past the structure. It is also common for GPS receivers to drop and pick up signals even in the absence of transmission lines and structures. We can provide the transmission structures' GPS points to landowners to help farm equipment navigate around structures.

## Is it safe for livestock to graze under the transmission line?

Yes. Current scientific research shows no safety concerns or effects on production for livestock grazing under a high-voltage transmission line.

## What is EMF and is it harmful?

EMF stands for electric and magnetic fields, both of which are part of natural and manmade environments. These fields are present wherever electricity is generated, transmitted, and used. Electric fields are produced by the electrical strength (voltage), and magnetic fields are produced by electric current or movement of the electricity through a conductor. There is no reliable scientific basis to conclude that EMF is harmful. Numerous studies have been completed to determine if there is an association between EMF and human health effects. Several scientific organizations, including the American Medical Association, American Cancer Society, American Physical Society and National Academy of Sciences, have stated that the body of evidence for EMF indicates that exposure to these fields does not present a human health hazard. (*Environmental Protection Agency;www.epa.gov/radtown/power-lines.html*)

## What is stray voltage?

Stray voltage is an accidental difference in electrical potential between two objects. For example, if a cow touches a poorly grounded metal object in a building with her nose and is standing on a damp floor, and if the metal object and the floor have different electrical potentials, then a weak electric current will pass through the cow's body. Although this is not fatal for the animal, stray voltage issues need to be addressed, and they can be corrected. Stray voltage is typically caused by wiring and electrical connections on a farm associated with the distribution lines that come from the distribution system to your farm, not from transmission lines that do not directly connect to businesses or residences. In some circumstances transmission lines can induce stray voltage onto large metallic objects or onto a distribution circuit in very close proximity to the transmission line. Stray voltage is taken into account in routing and siting and is not anticipated to be an issue for this project. If a landowner identifies stray voltage as a result of this project, we will take appropriate measures to address the issue.

Visit our website at www.BSSEtransmissionline.com

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#### Dear Readers,

route for the new 345 kV transmission line. in, the BSSE project team identified a preferred routing process, which many of you participated We have a preterred route. Atter a year-long

submitting the route applications in late summer application processes. The BSSE team anticipates North Dakota and South Dakota state route The final route will be determined through the

As the project continues, we will use this

uswaletter to keep you updated on the project,

or early fall of 2013.

the last page of this newsletter.



















meet toelong acceled

We appreciate your participation in the routing

"Frequently Asked Questions" section, found on

sessection of the sequence for the state processes, and the second states and the second seco

and answer more of your questions in our







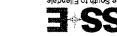










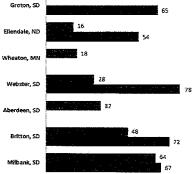






Meeting Summary

Montana-Dakota Utilities Co. and Otter Tail Power Company held 6 open house meetings in October 2012 to gather feedback on the study corridors. The feedback received at these meetings was reviewed and considered as the preliminary routes were developed. In February 2013, 5 open house meetings were held to present the preliminary routes. The feedback received at the February meetings was reviewed and considered as the preferred route was developed. Additionally, the project team met with with federal, state and local agencies, tribal leaders, elected officials and organizations throughout the process to gather their feedback.



Meeting Attendance

October Corridor Meetings

February Routing Meetings

## Frequently Asked Questions

How did you determine where the transmission line will be located? The project team identified a preferred route using input gathered from the public at routing meetings along with agency input and environmental and engineering considerations. For more information, please refer to the summary outreach document located on our website's Routing page.

#### How far will your transmission line be from homes?

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Preferred route map

Updated project schedule

Frequently asked questions

○ W E R D E L I V E R E D

Big Stone South to Ellendale HDR Engineering 701 Xenia Ave Suite 600 Minneapolis, Minnesota 55416



aussi Etoz anuč

#### **DELIVERED** 100

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## Want to find out more or provide ... feedback?

If you have additional comments or questions, feel free to use any of the following ways to reach our project team:

#### Visit our website:

- www.BSSETransmissionLine.com
- Call our information line: 1-888-283-4678

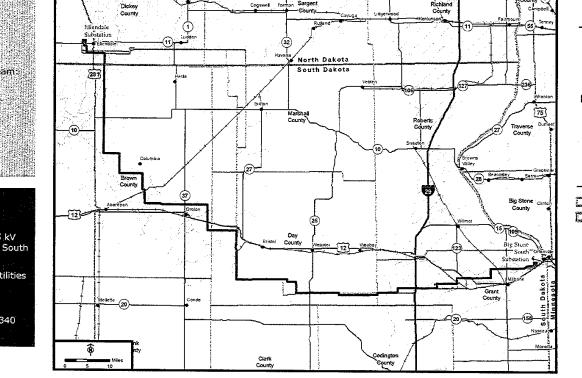
#### Email us:

info@BSSETransmissionLine.com

### **Project Basics:**

- New 345 kV transmission line
- End points: proposed Ellendale 345 kV • substation and proposed Big Stone South substation
- Project owners: Montana-Dakota Utilities Co. and Otter Tail Power Company
- In service by 2019
- Approximate cost: \$300 million \$340 million

## **Project Schedule:**



Sargent

Conswell

## Map Legend:

Great Bend

**Mantado** 

Richlan

Preferred Route Identified as the best route option for the BSSE project.

June 2013 Issue

---- Preliminary Route Routes that provided the best connections between end points. The preferred route was chosen from among these preliminary routes.

Project End Point Study Corridors

- Corridors Not Currently Under Consideration
- Lake
- Stream
- ---- Railroad
- County Boundary
- State Boundary

November 2012 Winter 2012-13 Early 2013 Spring-Summer 2013 2013 - 2016 2016-2019 2019 **Review corridor Develop preliminary** Host open Refine pteliminary routes and develop Obtain environmental permits, Construction Project in service feedback routes houses state applications. Begin engineering refine engineering design, and design and right-of-way process. continue right-of-way process We are here

## **Permitting News**

One of the major steps in permitting a transmission line is the submittal of a state permit application to the governing utility authority. In the case of the BSSE project, there are two such permitting authorities – the South Dakota Public Utilities Commission (SDPUC) and the North Dakota Public Service Commission (NDPSC) – and therefore, two applications to be filed.

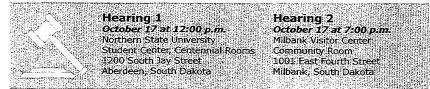
On August 23, 2013, the BSSE project team filed a Facility Permit Application with the SDPUC for the South Dakota portion of the project. The application included a project overview, maps, and a complete analysis of the transmission line. The SDPUC will review the application for completeness and line design and, ultimately, issue a permit to construct. The SDPUC scheduled public hearings that anyone can attend and offer comments on the application and project.

We anticipate that the North Dakota application will be submitted in October. Once the application is filed, we will provide updates on our information hotline and project website with the NDPSC docket number and hearing notice.

Review the South Dakota Facility Permit Application at www.puc.sd.gov/Dockets/ Electric/2013/EL13-028.aspx.

## **Public Hearings**

The South Dakota Public Utilities Commission will hold two public hearings on the Facility Permit Application on **October 17, 2013.** 



## **Frequently Asked Questions**

Why do landowners receive a one-time payment instead of annual payments? We will offer landowners a single payment to cover the cost of the easement footprint, structures on the property, and impact to agricultural operations. This approach follows the established compensation process for transmission lines within the region. Annual payments are traditionally associated with generation projects on private land. These assets generate a commodity that is marketed to the public. For example, wind farms usually make annual payments to landowners because they sell the energy generated on the landowner's property. Often the payments fluctuate with the amount of energy being produced.

In comparison to generation projects, transmission lines generally have low impact to land use, with the greatest disturbance occurring during construction. During operation of the transmission line, the structures themselves will take approximately 0.01 acres per mile out of production.

#### How will you deal with damage to roads?

During the construction phase, inspectors retained for the project will monitor and record damages when they occur. Likewise, the inspectors will monitor and record damages on public roadways. We will review each case and work with local authorities to determine a course of repair. The responsibility and cost for any repairs belong to us.

## POWERDELIVERED





#### Dear Readers,

On August 23, 2013, Montana-Dakota Utilities Co. and Otter Tail Power Company submitted a Facility Permit Application to the South Dakota Public Utilities Commission for the portion of the project located in South Dakota. This is a milestone for the project.

In addition to the ongoing permitting activities, our land agents are also out in the field contacting landowners along the route to discuss right-of-way options and easements. If you haven't been contacted yet and you own land along the route, you will be contacted soon. Additionally, our project team is continuing work towards engineering design by identifying structure locations and two fiber optic regeneration stations along the route.

Thank you for your participation in the Big Stone South to Ellendale (BSSE) project!

The BSSE project team



WHAT'S INSIDE?
Facility Permit Application filed in South Dakota
Public input hearing dates and locations
Route map
Updated project schedule
Frequently asked questions

## O W E R D E L I V E R E D 20

Ellendale

345kV Substation

Dickey

Count

🚹 Want to find out

feedback?

Visit our website:

1-888-283-4678

Email us:

million

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more or provide

If you have additional comments or

www.BSSETransmissionLine.com

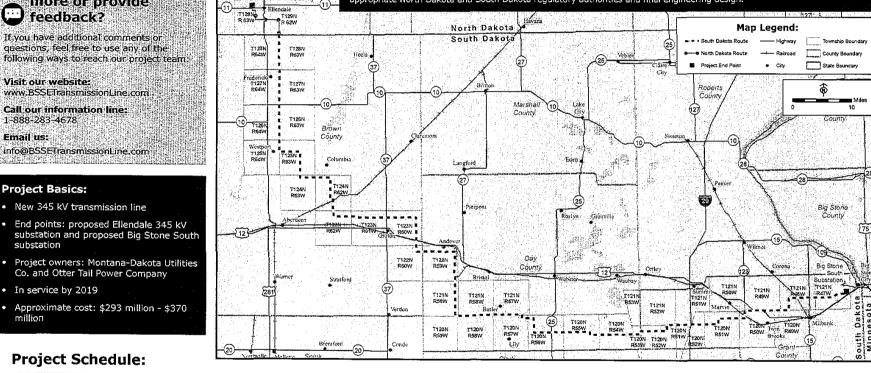
info@BSSETransmissionLine.com

Call our information line:

questions, feel free to use any of the

## **BSSE PREFERRED ROUTE**

The project team identified a route using input gathered from public meetings and comments, along with agency input and environmental and engineering considerations. The route as shown is not yet final. The final route will be determined by the appropriate North Dakota and South Dakota regulatory authorities and final engineering design.



## **Project Basics:** New 345 kV transmission line End points: proposed Ellendale 345 kV substation and proposed Big Stone South substation Project owners: Montana-Dakota Utilities Co. and Otter Tail Power Company In service by 2019 Approximate.cost: \$293 million - \$370 **Project Schedule:**



October 2013 Issue



October \_\_\_\_, 2013

ADDRESS

RE: Second Letter Attempt In the Matter of the Transmission Permit for the Big Stone South to Ellendale Project (SD PUC Docket No. EL 13-028) Montana-Dakota Utilities Co. and Otter Tail Power Company

Dear NAME,

On August 23, 2013, Montana-Dakota Utilities Co. and Otter Tail Power Company filed a Facility Permit Application with the South Dakota Public Utilities Commission (Commission) for the proposed Big Stone South to Ellendale 345 kV transmission line project. As you may recall, the project will be 160 miles to 170 miles long and routed between a new substation to be located near Ellendale in Dickey County, North Dakota, and the Big Stone South substation near Big Stone City in Grant County, South Dakota. The South Dakota portion will be about 150 to 160 miles long.

You are the landowner designated to receive the property tax bill of land located within one-half mile of the proposed site for the transmission line. Therefore, you are receiving a notice of public hearing (enclosed) relating to this project's Application to the Commission for a Facility Permit. We also have enclosed a map showing this project's proposed route and location.

The Commission will hold two public input hearings on the Application on Thursday, October 17, 2013:

Hearing 1 Thursday, October 17, 2013 12:00 pm Northern State University Student Center, Centennial Rooms 1200 South Jay Street Aberdeen, SD

Hearing 2 Thursday, October 17, 2013 7:00 pm Milbank Visitor Center, Community Room 1001 East Fourth Street Milbank, SD

Montana-Dakota Utilities Co. and Otter Tail Power Company Big Stone South to Ellendale Project 345 kV Transmission Line

Additional project information, including more detailed maps, is available at our website www.bssetransmissionline.com or by calling the information line 1-888-283-4678.

Sincerely,

Montana-Dakota Utilities Co.

Hranfrin

Otter Tail Power Company

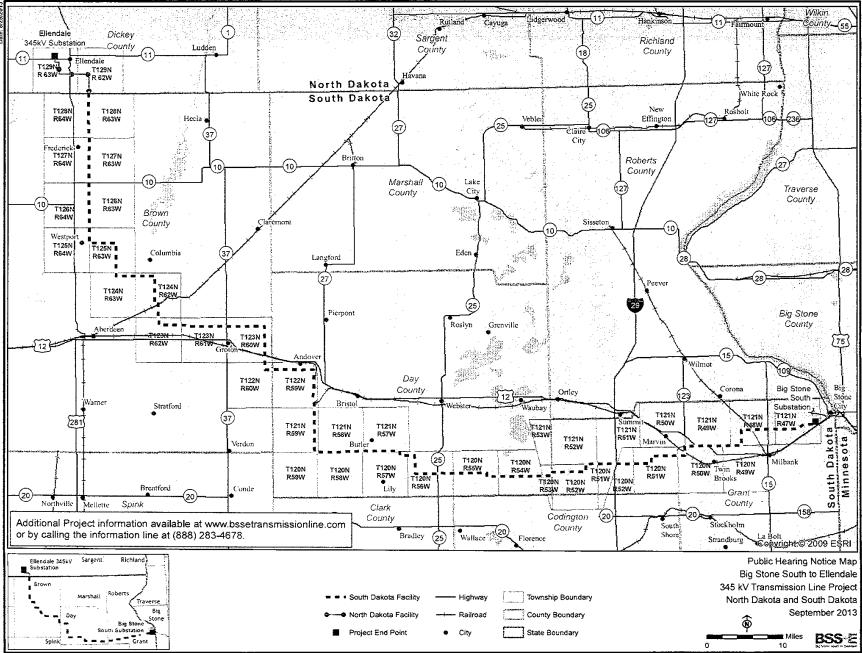
en Panloush:

Dean Pawlowski Project Developer

Henry Ford Project Developer

Enclosures:

- 1. Notice of Public Hearing
- 2. Public Hearing Notice Map



## BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF SOUTH DAKOTA

IN THE MATTER OF THE APPLICATION OF ) MONTANA-DAKOTA UTILITIES CO. AND ) OTTER TAIL POWER COMPANY FOR A ) PERMIT TO CONSTRUCT THE BIG STONE ) SOUTH TO ELLENDALE 345 KV ) TRANSMISSION LINE ) NOTICE OF APPLICATION; ORDER FOR AND NOTICE OF PUBLIC INPUT HEARINGS; NOTICE OF OPPORTUNITY TO APPLY FOR PARTY STATUS

### EL13-028

On August 23, 2013, jointly Montana-Dakota Utilities Co., a Division of MDU Resources Group, Inc., a Delaware corporation, and Otter Tail Power Company, a Minnesota corporation, (jointly, the Applicants) filed with the South Dakota Public Utilities Commission (Commission) an Application for a Facility Permit for the Big Stone South to Ellendale 345 kV Transmission Line project (Application) and a Motion to Schedule Prehearing Conference (Motion). The Application requests Commission approval of a permit to construct a 345-kilovolt (kV) transmission line of approximately 150 to 160 miles in South Dakota (Project). The line will cross the South Dakota and North Dakota border in Brown County, South Dakota, and extend south and east through Brown, Day, and Grant counties to the Big Stone South Substation in Grant County, South Dakota, near Big Stone City. Modifications to the Project may occur depending on the final route permitted, land rights, and final engineering design. The Commission has jurisdiction over this matter pursuant to SDCL. Chapters 1-26 and 49-41B and ARSD Chapter 20:10:22.

Pursuant to SDCL 49-41B-15 and 49-41B-16, the Commission will hold public input hearings on the Application on Thursday, October 17, 2013:

(1) at noon (12:00 p.m. CDT) in the Centennial Rooms of the Student Center on the campus of Northern State University, 1200 South Jay Street, Aberdeen, S.D. (parking available without permit in the lot along Washington Street between 12<sup>th</sup> and 14<sup>th</sup> Avenues - driving directions and map at <u>http://www.northern.edu/about/pages/directions.aspx</u> and http://www.northern.edu/about/PublishingImages/wirelessmap.pdf)

(2) at 7:00 p.m. CDT in the Community Room of the Milbank Visitor Center, 1001 East Fourth Avenue, Milbank, S.D.

The purpose of these public input hearings will be to hear public comment regarding the transmission line permit Application and the Project. At the hearings, Applicants will present a brief description of the Project, following which interested persons may appear and present their views, comments and questions regarding the Application. A copy of the Application is on file with the Brown, Day, and Grant County Auditors pursuant to SDCL 49-41B-15(5) and at the Commission's office in Pierre. The Application and all other documents in the case, including detailed maps of the Project, may be accessed on the Commission's web site at <u>www.puc.sd.gov</u> under Commission Actions, Commission Dockets, Electric Dockets, 2013 Electric Dockets, EL13-028.

Pursuant to SDCL 49-41B-17 and ARSD 20:10:22:40, the parties to this proceeding are currently the Applicants and the Commission. Any person residing in the area of the Project; each municipality, county, and governmental agency in the area where the Project is proposed to be sited; any non-profit organization formed in whole or in part to promote conservation or natural beauty, to protect the environment, personal health or other biological values, to preserve historical sites, to promote consumer interests, to represent commercial and industrial groups, or to promote the orderly development of the area in which the Project is to be sited; or any Interested person, may be granted party status in this proceeding by making written application to the Commission. Applications for party status will be available at the public input hearings or may be obtained from

the Commission's web site or by contacting the Commission. Applications for party status must be received by the Commission on or before October 22, 2013.

Following the public input hearings, the Commission may schedule a formal evidentiary hearings conforming to SDCL Chapter 1-26 to consider any issues raised by any intervening party, Commission Staff, or the Commission itself. At such formal hearing, all parties will have the opportunity to appear, present evidence, and cross-examine the other parties' witnesses and exercise all other rights afforded by SDCL Chapters 1-26, 49-1, and 49-41B and ARSD Chapters 20:10:01 and 20:10:22, including rights of appeal to the courts. Absent a contested issue, the Commission will schedule the matter for decision at a regular or special meeting of the Commission.

For approval, the Applicants must show that the proposed transmission Project will comply with all applicable laws and rules, will not pose a threat of serious injury to the environment nor to the social and economic condition of inhabitants or expected inhabitants in the siting area, will not substantially impair the health, safety or welfare of the inhabitants, and will not unduly interfere with the orderly development of the region with due consideration having been given to the views of governing bodies of affected local units of government. Based upon these factors, the Commission will decide whether the permit should be granted, denied, or granted upon such terms, conditions or modifications of the construction, operation or maintenance as the Commission finds appropriate. It is therefore

ORDERED, that the Commission will hold public input hearings on the Project at noon (12:00 p.m. CDT) in the Centennial Rooms of the Student Center on the campus of Northern State University, 1200 South Jay Street, Aberdeen, S.D. and at 7:00 p.m. CDT in the Community Room of the Milbank Visitor Center, 1001 East Fourth Avenue, Milbank, S.D. It is further

ORDERED, that pursuant to SDCL 49-41B-17 and ARSD 20:10:22:40, applications for party status must be filed on or before October 22, 2013, and that pursuant to SDCL 49-41B-17.1, a party who wishes to receive personal service of all material filed in this matter shall make a specific request to the Commission for personal service, which may be included in the application for party status.

Pursuant to the Americans with Disabilities Act, these hearings will be held in physically accessible locations. Please contact the Public Utilities Commission at 1-800-332-1782 at least 48 hours prior to the hearing if you have special needs so arrangements can be made to accommodate you.

Dated at Pierre, South Dakota, this 26 day of August, 2013.

	CERTIFICATE OF SERVICE
docume	undersigned hereby certifies that this nt has been served today upon all parties of n this docket, as listed on the docket service
list, by	facsimile or by first class mail, in properly ed envelopes, with charges prepaid thereon.
By:	for Lashley
Date:	126.13
	(OFFICIAL SEAL)

BY ORDER OF THE COMMISSION:

Chairman

Commissioner

KRISTIE FIEGEN, Commissioner

#### BSSE000301

## **Permitting News**

Montana-Dakota Utilities Co. and Otter Tail Power Company have developed and submitted two state permit applications - one to the South Dakota Public Utilities Commission (SDPUC) and one to the North Dakota Public Service Commission (NDPSC).

The BSSE project team filed a Facility Permit Application with the SDPUC for the South Dakota portion of the project on August 23, 2013. The SDPUC held public hearings on October 17, 2013, in Aberdeen and Milbank, South Dakota,

On October 18, 2013, the BSSE project team filed a Corridor Certificate and Route Permit Application with the NDPSC for the North Dakota portion of the project. Watch your local newspaper for NDPSC's announcement of the date and location of the upcoming public hearing.

The SDPUC and NDPSC are reviewing their respective applications for completeness. If the applications meet all requirements, the Commissions each will issue permits to construct.

## Want to find out more or provide feedback?

If you have additional comments or questions, feel free to contact. our project team.

Visit our website

www.BSSETransmissionLine.com Call our information line 1-888-283-4678

## Email us

info@BSSETransmissionLine.com' 

## **Review the Applications**

View the NDPSC Corridor Certificate and Route Permit Application and the the SDPUC Facility Permit Application on our website's Resources page at:

#### www.bssetransmissionline.com/resources

Here's what you'll see at the top left-hand corner of the Resources page:

## Resources

**Permitting Documents** 

#### South Dakota:

 Application to the Public Utilities Commission of the State of South Dakota for a Facility Permit

#### North Dakota:

- Compined Application to the North Dakota Public Service Commission for a Conndor Certificate and Rouse Permit

## **Project Basics**

- New 345 kV transmission line
- End points: proposed Ellendale 345 kV substation and proposed Big Stone South substation
- Project owners: Montana-Dakota Utilities Co. and Otter Tail Power Company
- In service by 2019
- Approximate cost: \$293 million \$370 million



Additionally, the South Dakota Public Utilities

Public Service Commission (PSC) for a Corridor

On October 18, 2013, Montana-Dakota Utilities

Line Project has reached another milestone.

The Big Scone South to Ellending of Aruseion

combined application to the North Dakota

Co. and Otter Tail Power Company filed a

Certificate and Route Permit.

Dear Readers,

# Sanary 2014 Issue

The BSSE project team

engineering design and right-ot-way processes.

we will continue to answer your questions and

your input throughout the routing process, and

transmission line route. We have appreciated

the South Dakota Facility Permit Application.

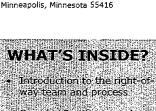
October 17, 2013, in Aberdeen and in Milbank on

Commission (PUC) held two public hearings on

Thank you to all landowners along the

address your concerns as we move into the





 Contidor Certificate and Route Permit Application filed in North Dakota. Updated project schedule

## 9 0 W E R D E L I V E R E D

Big Stone South to Ellendale

HDR Engineering 701 Xenia Ave Suite 600

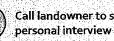
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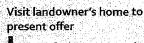
## 

## **Easement Negotiation Process**

Determine route



Call landowner to set up a



Conduct a page-turn review of easement documents

Answer questions and address concerns

## Follow up with landowner

## **Easement Value**

Several factors influence the final determination of the value of an easement, including county offer value, agricultural statistics, comparable sales data, acreage impact payment, impacts of other projects, and property damage payment.

## Melissa Christensen Hometown: Dilworth, MN Employer: KLJ Family: Husband Wade, one daughter, one son

Experience: Right-of-way database nanagement, title summary and local permitting for transmission lines, aviation, distribution and water right-of-way efforts. Chapter 72 IRWA Member.

## Brian Fiosne

Hometown: West Fargo, ND Employer: KLJ Family: Wife Margot, four sons, two grandsons Experience: Title and easement work for transmission lines, rural water, county and township road work, 25 years in general sales.

## Karen Mostue

Member.

Hometown: Rothsay, MN Employer: KLJ Family: Two children, two dogs Experience: 20 years in title research, title insurance, document preparation, and landowner negotiations. Licensed Real Estate Broker for ND and MN, Chapter 72 IRWA

#### David Novstrup Hometown: Aberdeen, SD Employer: KLJ Family: Wife Holly, two daughters

Kevin Cummings

Family: Wife Pamela, one

Experience: Title research.

negotiation & acquisition

experience with transmission

licensed MN Realtor, Chapter

Hometown: Moorhead, MN

for several projects and title

research for surface owners

Williston Basin, Chapter 72 IRWA Member.

lines. Seven years practice as a

Employer: KLJ

daughter, one son

72 IRWA Member.

Greg Frazier

Family: Two brothers

Experience: Acquiring easements and title research

and mineral title in the

Employer: KLJ

Hometown: Detroit Lakes, MN

Experience: Four years in real estate and two years negotiating land options and/or rights-of-way.



**MEET THE RIGHT-OF-WAY TEAM** 

## Kelsey Erickson

Hometown: Bowman, ND Employer: KLJ Family: Parents Jan and Roger Experience: : Title processes, documentation preparation, working with county tax director managing tax records, including land parcel splitting and title research. Chapter 72 IRWA Member.

## **Travis Hoaglund** iometown: Bismarck, ND

Employer: KLJ Family: One brother Experience: Mineral title, leasing, and production in the oil and gas industry. Also right-of-way efforts. Chapter 72 IRWA Member.

## Vicki Severson

Hometown: Battle Lake, MN Employer: Otter Tail Power Co. Family: Husband Bryan, two sons, six grandchildren Experience: 36 years in public relations, marketing, and right-of-way areas. Has worked on several transmission line projects, Membership Chair for Chapter 72 IRWA/ and Prof. of the Year - 2012.

### Terry Fasteen

Hometown: Detroit Lakes, MN Employer: KLJ Family: Wife Kathryn, two sons, two grandchildren Experience: 30 years in transmission line, aviation, distribution, rural water, and transportation right- of-way efforts. Currently the right-ofway Technical Area Manager for KLJ. Chapter 72 IRWA Member.

January 2014 Issue





#### Chris Strand

Hometown: Bismarck, ND Employer: KLJ Experience: Right-of-way efforts for transmission line, roadway, water, mining, and oil and gas projects in title and mineral research. Chapter 72 IRWA Member.

#### **Full Project Schedule:** 2012-2013 August 2013 Fall 2013 October 2013 2016-2019 2019 2013-2016 Continue engineering designiand Corridor and route Filed a Facility Permit Began engineering design and SDPUC held two public hearings on the Facility Construction Project in development Application with right-of-way process Permit Application, Filed a Corridor Certificate and right-of-way process service SDPUC Route Permit Application with NDPSC. 😕 We are here

BSSE000302







<DATE>

ADDRESS

## RE: Project Update with Preliminary Routes Montana-Dakota Utilities Co. and Otter Tail Power Company Proposed Big Stone South to Ellendale 345 kV Transmission Line Project

Dear,

Montana-Dakota Utilities Co. and Otter Tail Power Company will hold public meetings the week of February 25, 2013, to obtain feedback on the preliminary routes for the Big Stone South to Ellendale 345 kV transmission line project. As you may recall, the project consists of a proposed 345 kV transmission line that will be 150 miles to 175 miles long. The project will be located between the proposed Ellendale Junction substation, which would be located near Ellendale in Dickey County, North Dakota, and the proposed Big Stone South substation, which is part of a separate project and will be located near Big Stone City in Grant County, South Dakota. Construction of this project will improve reliability, increase system capacity and support public policy by enabling renewable energy to integrate into the system. You can find more information by visiting <u>www.BSSEtransmissionline.com</u> or by calling our toll-free information line at (888) 283-4678.

In October 2012, the project team gathered input from federal, state, and local agencies and the public at open house meetings within the initial study area and study corridors. This input along with field reviews, data available in the project area, and engineering factors helped to develop preliminary routes, identified on the enclosed map. The preliminary routes minimize effects upon constraints within the corridors and are the focus of route development. We evaluated the following criteria to identify the preliminary routes:

- Existing rights-of-way (transmission lines, pipelines, railway, or roads), survey lines, and natural division lines
- Populated areas
- High densities of environmental natural features
- River crossing locations
- Public and private airports
- Length

*Now we are seeking information related to the preliminary routes and encourage you to attend one of our upcoming meetings.* If your jurisdiction is now outside of the updated study corridors that the preliminary routes are located within (see enclosed map), you may not want to continue to provide feedback. If so, we understand and thank you for your earlier involvement. If not, we welcome your continued participation, knowing that we currently are not reviewing route options outside of the updated study corridors.

The project team will hold open house meetings at five locations during the week of February 25, 2013. These meetings will include a brief presentation followed by an open house format during which

Montana-Dakota Utilities Co. and Otter Tail Power Company Big Stone South to Ellendale Project 345 kV Transmission Line

attendees may review maps and talk with project specialists. You are welcome to attend and share your ideas with the project team.

Monday, February 25	Tuesday, February 26	Wednesday, February 27
<b>Groton Area School</b> 5:30 – 7:00 pm Presentation at 6:00 pm Groton, SD	<b>Fireside Restaurant and Lounge</b> 11:30 am – 1:00 pm Presentation at 12:00 pm Ellendale, ND	<b>The Galley</b> 11:30 am – 1:00 pm Presentation at 12:00 pm Webster, SD
	<b>Amacher Auditorium</b> 5:30 – 7:00 pm Presentation at 6:00 pm Britton, SD	<b>Milbank Visitor Center</b> 5:30 – 7:00 pm Presentation at 6:00 pm Milbank, SD

We appreciate your ongoing participation in this project and look forward to continuing to work with you. If you have questions, comments or feedback, please contact Chad Miller at (701) 222-7865 or chad.miller@mdu.com or mail him at:

Chad Miller Montana-Dakota Utilities Co. 400 North Fourth Street Bismarck, ND 58501-4092

Sincerely,

Montana-Dakota Utilities Co.

man

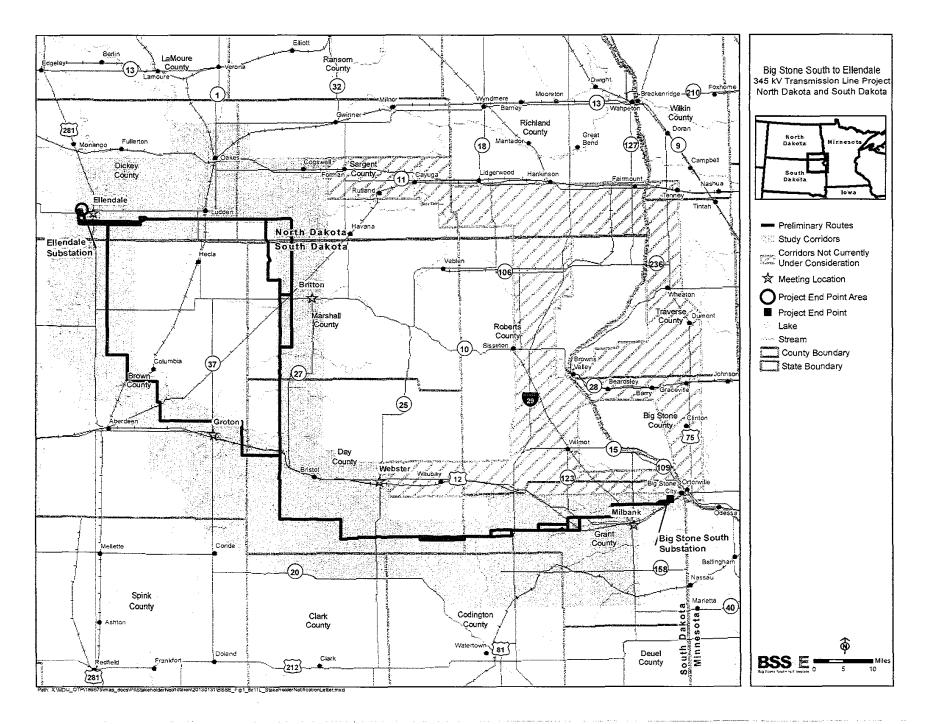
Henry Ford Project Developer

Enclosures: Preliminary Routes Map

Otter Tail Power Company

Farlonale;

Dean Pawlowski Project Developer





# Thank you for attending!



Thank you for attending the open houses we held between February 25 and 27, 2013. We appreciate your taking time to learn about the Big Stone South to Ellendale transmission line project and to give us your valuable feedback.

We will carefully consider all comments gathered as we identify a preferred route.



Watch your mailbox for news about the BSSE project, and make sure to check our website at www.BSSETransmissionLine.com for the latest project news.

### For more information:

- Visit our website: www.BSSETransmissionLine.com
- Call our toll-free information line: 1.888.283.4678
- Email us: info@BSSETransmissionLine.com



c/o HDR Engineering 701 Xenia Ave Suite 600 Minneapolis, Minnesota

1

BSSE is jointly managed by:



MONTANA-DA KOTA UTRITIES CO In the Computing to Serve

# **DAY COUNTY AUDITOR**

711 W FIRST STREET, Ste #204 WEBSTER SD 57274 
 TELEPHONE 605-345-9500

 FAX
 605-345-9515

RECEIVED

April 26, 2013

APR 2 9 2013 SOUTH DAKOTA PUBLIC UTILITIES COMMISSION

Public Utilities Commission 500 East Capitol Ave Pierre, SD 57501

Dear PUC,

On behalf of the Day County Commissioners, I am submitting copies of letters from 3 townships. Farmington, Highland, and Valley Townships in Day County have expressed opposition to the Big Stone South to Ellendale transmission line.

Please take their opinions into consideration.

If you should have any questions, please contact me at (605) 345-9500 or dcaud@itctel.com

Sincerely

andia Taap

Sandra Raap, Day County Auditor

;

March 19th Com MAg Big Stone South to Ellendale March 5 2013 Chad Miller MONTENG DEKOTA Utilities Co. 400 North Fourth Street Bismarck, NO 58501-4092 We the board of supervisors in Farmington township in Day Co. SD gre Opposed to the routing of 345 Kr transmission line through good caltingted land in our township. The line would be a hazard to the Farmers to form ground, spray ground & the airig! spraying. Farmington township board Supervisor Superviser

BSSE000309

Highland Township Day County, South Dakota 04/06/2013

Day County Commissioners 711 W. 1<sup>st</sup> Street Webster, SD 57274

Dear Day County Commissioners:

On behalf of the residents of Highland Township, the township supervisors would like to express their opposition to the planned transmission line for the Big Stone South to Ellendale. The primary reasons that we are opposed are as follows:

APR 08 2013

SANDRA RAAP

- > Devaluation of property
- > Safety concerns
- > Limitation of future farming practices (irrigation, tiling, auto-steer capabilities, etc.)
- > One-time limited easement payment

Respectfully, Wayne Schlato Waspe anderson Mihe Dale

Highland Township

COPY	(jan)	O	[] D	Y
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APR 1 2 2013

COUNTY AUDITOR

VALLEY TOWNSHIP

# DAY COUNTY, SOUTH DAKOTA

April 9, 2013

Day County Commissioners 711 West 1<sup>st</sup> Street Webster, SD 57274

Dear Day County Commissioners:

On behalf of the residents of our township, the Valley Township Board of Supervisors would like to express their opposition to the planned transmission line for the Big Stone South To Ellendale project.

The primary reasons for our opposition to the project as presented, are as follows:

- Devaluation of property
- Limitation of future farming practices, i.e. irrigation, tiling, auto-steer capabilities, etc.
- One-time limited easement payment
- Safety concerns

Sincerely, W how

VALLEY TOWNSHIP BOARD OF SUPERVISORS



May 24, 2013

Wayne Anderson Highland Township 14908 432nd Ave Webster, SD 57274

### RE: Project Update with Preferred Route Montana-Dakota Utilities Co. and Otter Tail Power Company Proposed Big Stone South to Ellendale 345 kV Transmission Line Project

Dear Wayne,

Montana-Dakota Utilities Co. and Otter Tail Power Company have selected a preferred route for the proposed Big Stone South to Ellendale 345 kV transmission line project. As you may recall, the line will be 160 miles to 170 miles long and routed between a new substation to be located near Ellendale in Dickey County, North Dakota, and Big Stone South substation located near Big Stone City in Grant County, South Dakota. The Mid-Continent Independent System Operator (MISO, formally Midwest Independent Transmission System Operator) identified the need for this transmission line to improve reliability, increase electric system capacity and support public policy by enabling renewable and other forms of energy to integrate into the electric system. You can find more information by visiting www.BSSEtransmissionline.com, calling our toll-free information line at (888) 283-4678, or contacting Chad Miller or Al Koeckeritz (information below).

In January, February and March 2013, we gathered input from tribal, federal, state, and local agencies and the public. We discussed routing constraints and opportunities near preliminary routes. Using this input, along with environmental and engineering considerations, the project team developed the preferred route (see enclosed map).

We evaluated the following criteria to identify the preferred route:

- Existing rights-of-way (transmission lines, pipelines, railway, or roads), survey lines, and natural division lines
- Distance from homes
- Populated areas
- High densities of important natural features
- High densities of cultural properties and sensitive traditional areas
- River crossing locations
- Public and private airports
- Length
- Input from agencies and landowners
- Input from tribes

Montana-Dakota Utilities Co. and Otter Tail Power Company Big Stone South to Ellendale Project 345 kV Transmission Line

Please note that Montana-Dakota Utilities Co. and Otter Tail Power Company will be finalizing the route details in the next month in order to submit state routing permit applications in later this year. We appreciate your ongoing participation in this project and look forward to continuing to work with you. If you have questions, comments or feedback, please contact Al Koeckeritz at (218) 739-8416, akoeckeritz@otpco.com or Chad Miller at (701) 222-7865, chad.miller@mdu.com, or by mail at the address below.

Al Koeckeritz Otter Tail Power Company 215 S. Cascade St Fergus Falls, MN 56537

Sincerely,

Montana-Dakota Utilities Co.

Humphier

Henry Ford Project Developer

Enclosures: Preferred

Montana-Dakota Utilities Co. 400 North Fourth Street Bismarck, ND 58501-4092

Chad Miller

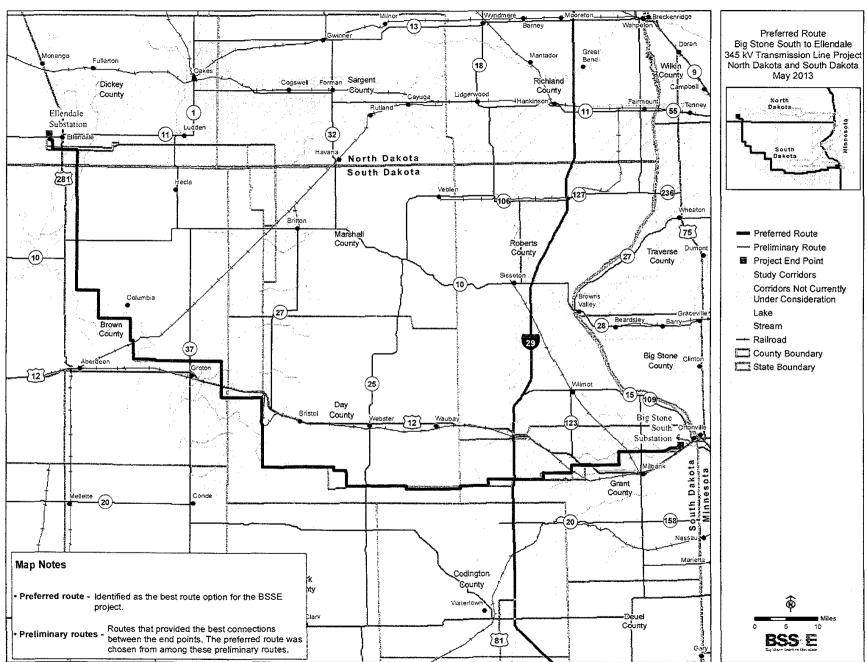
Otter Tail Power Company

Tanloush:

Dean Pawlowski Project Developer

Route

Map



Path: X:WDU\_OTP\/86675\map\_docs\Agency\AgencyLetterMaplESSE\_8X11\_PreferredRoute\_CountyMailing\_May2013.mxd

BSSE000314

### vear keaders,

route for the new 345 kV transmission line. in, the BSSE project team identified a preferred routing process, which many of you participated We have a preferred route. After a year-long

.....

or early fall of 2013. nemmus etcl ni anoitepiloge etnor ent prittindue application processes. The BSSE team anticipates North Dakota and South Dakota state route The final route will be determined through the

As the project continues, we will use this

newsletter to keep you updated on the project,

brocess.



We appreciate your participation in the routing

"Frequently Asked Questions" section, found on

announce public hearings for the state processes,

ΙΛΕΚΕ

and answer more of your questions in our

the last page of this newsletter.















The BSSE project team











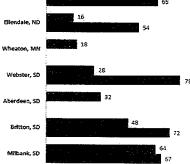


February Routing Meetings

October Corridor Meetings

# Meeting Summary

Montana-Dakota Utilities Co. and Otter Tail Power Company held 6 open house meetings in October 2012 to gather feedback on the study corridors. The feedback received at these meetings was reviewed and considered as the preliminary routes were developed. In February 2013, 5 open house meetings were held to present the preliminary routes. The feedback received at the February meetings was reviewed and considered as the preferred route was developed. Additionally, the project team met with with federal, state and local agencies, tribal leaders, elected officials and organizations throughout the process to gather their feedback.



Meeting Attendance

Groton, SD

# **Frequently Asked Questions**

- How did you determine where the transmission line will be located?
- The project team identified a preferred route using input gathered from the public at routing meetings along with agency input and environmental and engineering considerations. For more information, please refer to the summary outreach document located on our website's Routing page.

### How far will your transmission line be from homes?

No homes will be located within our right-of-way, which is 150 feet wide. This means the minimum distance a home could be from the centerline of our project is 75 feet. In addition, we adopted a goal to minimize the number of homes within 500 feet of the project centerline.

### How are affected landowners compensated?

Right-of-way agents will prepare a specific estimate for each landowner based on a consistent payment formula. Total compensation for each easement varies, depending on factors such as the local market value of land, the calculated acreage for the right-of-way, current land use, and whether poles will be located in the easement.

### How will you handle construction damage on my property?

During the construction phase, inspectors retained for the project will monitor and record damages when they occur. We will review each case and determine a course of repair. The responsibility and cost for any repairs belong to us.

### How will I be compensated for crop damage during construction?

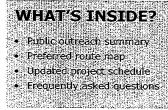
We will compensate landowners for crop damages that occur during construction. The damage payment for standing crops will be determined by the following formula: acres x yield x price per bushel. During the year construction is completed, project representatives and the landowner will jointly determine the acres of crop affected by construction. Reimbursement will be based on the average yield of the adjoining crops and prevailing price per bushel being paid by a comparison of values from local elevators or current contractual arrangement. For the three consecutive years following construction, the project will make an additional payment for the potential of loss in crop yield based on this schedule:

- Year 1 50% of the value of the crop damage payment agreed to during the construction season;
- Year 2 and Year 3 25% of the value of the crop damage payment agreed to during the construction season.

HDR Engineering 701 Xenia Ave Suite 600 Minneapolis, Minnesota 55416

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Big Stone South to Ellendau



# 8 0 W 8 8 D E L I V E R E D

# POWERDELIVERED

# Want to find out more or provide feedback?

If you have additional comments or questions, feel free to use any of the following ways to reach our project team:

### Visit our website:

www.BSSETransmissionLine.com

Call our information line: 1-888-283-4678

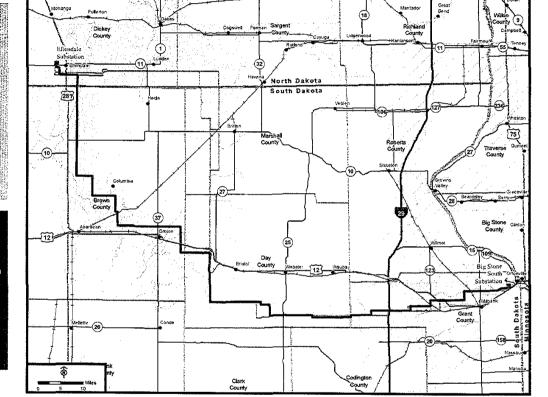
info@BSSETransmissionLine.com

### Email us:

### **Project Basics:**

- New 345 kV transmission line
- End points: proposed Ellendale 345 kV substation and proposed Big Stone South substation
- Project owners: Montana-Dakota Utilities
   Co. and Otter Tail Power Company
- In service by 2019
- Approximate cost: \$300 million \$340 million

# **Project Schedule:**



# Map Legend:

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Preferred Route Identified as the best route option for the BSSE project.

June 2013 Issue

 Preliminary Route
 Routes that provided the best connections between end points. The preferred route was chosen from among these preliminary routes.

### Project End Point

- Study Corridors
- Corridors Not Currently Under Consideration Lake
- Stream
- -- Doilroo
- -+ Railroad
- County Boundary
- State Boundary

November 2012 Winter 2012-13 Early 2013 Spring-Summer 2013 2013-2016 2016-2019 2019 Review corridor **Develop preliminary** Host open Refine preliminary routes and develop Obtain environmental permits, Construction Project in service feedback routes houses state applications. Begin engineering refine engineering design, and design and right-of-way process: continue right-of-way process We are here

### **Permitting News**

One of the major steps in permitting a transmission line is the submittal of a state permit application to the governing utility authority. In the case of the BSSE project, there are two such permitting authorities – the South Dakota Public Utilities Commission (SDPUC) and the North Dakota Public Service Commission (NDPSC) – and therefore, two applications to be filed.

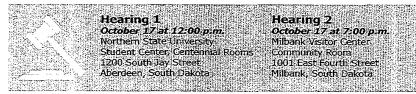
On August 23, 2013, the BSSE project team filed a Facility Permit Application with the SDPUC for the South Dakota portion of the project. The application included a project overview, maps, and a complete analysis of the transmission line. The SDPUC will review the application for completeness and line design and, ultimately, issue a permit to construct. The SDPUC scheduled public hearings that anyone can attend and offer comments on the application and project.

We anticipate that the North Dakota application will be submitted in October. Once the application Is filed, we will provide updates on our information hotline and project website with the NDPSC docket number and hearing notice.

Review the South Dakota Facility Permit Application at www.puc.sd.gov/Dockets/ Electric/2013/EL13-028.aspx.

### **Public Hearings**

The South Dakota Public Utilities Commission will hold two public hearings on the Facility Permit Application on **October 17, 2013.** 



# **Frequently Asked Questions**

Why do landowners receive a one-time payment instead of annual payments? We will offer landowners a single payment to cover the cost of the easement footprint, structures on the property, and impact to agricultural operations. This approach follows the established compensation process for transmission lines within the region. Annual payments are traditionally associated with generation projects on private land. These assets generate a commodity that is marketed to the public. For example, wind farms usually make annual payments to landowners because they sell the energy generated on the landowner's property. Often the payments fluctuate with the amount of energy being produced.

In comparison to generation projects, transmission lines generally have low impact to land use, with the greatest disturbance occurring during construction. During operation of the transmission line, the structures themselves will take approximately 0.01 acres per mile out of production.

### How will you deal with damage to roads?

During the construction phase, inspectors retained for the project will monitor and record damages when they occur. Likewise, the inspectors will monitor and record damages on public roadways. We will review each case and work with local authorities to determine a course of repair. The responsibility and cost for any repairs belong to us.

# POWERDELIVERED

October 2013 Issue



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### Dear Readers,

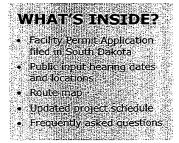
On August 23, 2013, Montana-Dakota Utilities Co. and Otter Tail Power Company submitted a Facility Permit Application to the South Dakota Public Utilities Commission for the portion of the project located in South Dakota. This is a milestone for the project.

In addition to the ongoing permitting activities, our land agents are also out in the field contacting landowners along the route to discuss right-of-way options and easements. If you haven't been contacted yet and you own land along the route, you will be contacted soon. Additionally, our project team is continuing work towards engineering design by identifying structure locations and two fiber optic regeneration stations along the route.

Thank you for your participation in the Big Stone South to Ellendale (BSSE) project!

The BSSE project team





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Ellendale

345kV Substation

Dickey.

County

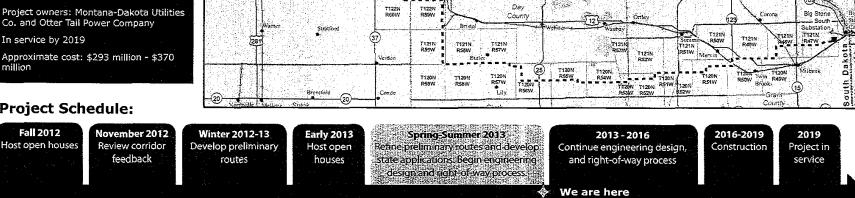
### 🔒 Want to find out more or provide • • • feedback?

- If you have additional comments or questions; feel free to use any of the following ways to reach our project team:
- Visit our website:
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- Call our information line: 1-888-283-4678
- Email us:
- info@BSSETransmissionLine.com

### **Project Basics:**

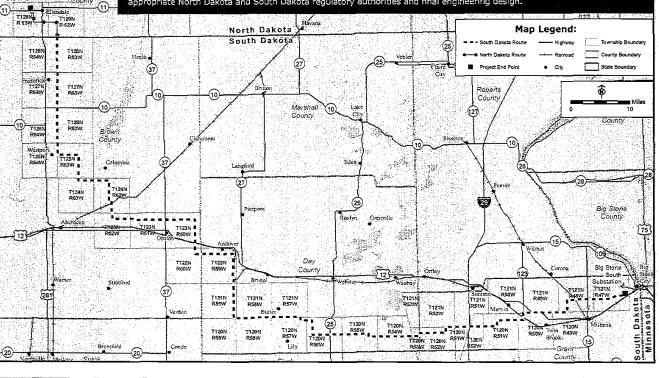
- New 345 kV transmission line
- End points: proposed Ellendale 345 kV substation and proposed Big Stone South substation
- Project owners: Montana-Dakota Utilities Co. and Otter Tail Power Company
- In service by 2019
- Approximate cost: \$293 million \$370 million

# **Project Schedule:**



# **BSSE PREFERRED ROUTE**

The project team identified a route using input gathered from public meetings and comments, along with agency input and environmental and engineering considerations. The route as shown is not yet final. The final route will be determined by the appropriate North Dakota and South Dakota regulatory authorities and final engineering design.



October 2013 Issue

# **Permitting News**

Montana-Dakota Utilities Co. and Otter Tail Power Company have developed and submitted two state permit applications - one to the South Dakota Public Utilities Commission (SDPUC) and one to the North Dakota Public Service Commission (NDPSC).

The BSSE project team filed a Facility Permit Application with the SDPUC for the South Dakota portion of the project on August 23, 2013. The SDPUC held public hearings on October 17, 2013, in Aberdeen and Milbank, South Dakota,

On October 18, 2013, the BSSE project team filed a Corridor Certificate and Route Permit Application with the NDPSC for the North Dakota portion of the project. Watch your local newspaper for NDPSC's announcement of the date and location of the upcoming public hearing.

The SDPUC and NDPSC are reviewing their respective applications for completeness. If the applications meet all requirements, the Commissions each will issue permits to construct.

# **Review the Applications**

View the NDPSC Corridor Certificate and Route Permit Application and the the SDPUC Facility Permit Application on our website's Resources page at:

### www.bssetransmissionline.com/resources

Here's what you'll see at the top left-hand corner of the Resources page:

**Permitting Documents** 

### South Dakota:

Application to the Public Utilities Commission of the State of South Dakota for a Facility Permit

### North Dakota:

Combined Application to the North Dakota Public Service Commission for a Corridor Certificate and Route Permit

# Want to find out more or provide feedback?

If you have additional comments or questions, feel free to contact our project team.

www.BSSETransmissionLine.com

info@BSSETransmissionLine.com :

Call our information line

Visit our website

1-888-283-4678

Email us

Approximate cost: \$293 million - \$370 million

# **Project Basics**

New 345 kV transmission line

MONTANA-DAKOTA

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In the Community to Serve'

- End points: proposed Ellendale 345 kV substation and proposed Big Stone South substation
- Project owners: Montana-Dakota Utilities Co. and Otter Tail Power Company

POWER COMPANY

In service by 2019

MUTTES CO.

Resources

HDR Engineering 701 Xenia Ave Suite 600 Minneapolis, Minnesota 55416

Big Stone South to Filendale

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### Dear Keaders,

Certificate and Route Permit.

Line Project has reached another milestone. The Big Stone South to Ellendale Tranmission

Public Service Commission (PSC) for a Corridor combined application to the North Dakota Co. and Otter Tail Power Company filed a On October 18, 2013, Montana-Dakota Utilities

Additionally, the South Dakota Public Utilities



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we will continue to answer your questions and

your input throughout the routing process, and

transmission line route. We have appreciated

the South Dakota Facility Permit Application.

October 17, 2013, in Aberdeen and in Milbank on

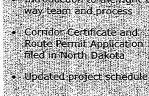
Commission (PUC) held two public hearings on

Thank you to all landowners along the

address your concerns as we move into the







### 

# **Easement Negotiation Process**

**Determine route** 



Call landowner to set up a personal interview



Answer questions and address concerns

# Follow up with landowner

# **Easement Value**

Several factors influence the final determination of the value of an easement, including county offer value, agricultural statistics, comparable sales data, acreage impact payment, impacts of other projects, and property damage payment.

### Melissa Christensen Hometown: Dilworth, MN Employer: KLJ Family: Husband Wade, one daughter, one son Experience: Right-of-way database

management, title summary and local permitting for transmission lines, aviation, distribution and water right-of-way efforts. Chapter 72 IRWA Member.

# Brian Fiosne

Hometown: West Fargo, ND Employer: KLJ Family: Wife Margot, four sons, two orandsons Experience: Title and easement work for transmission lines, rural water, county and township road work. 25 years in general sales. Chapter 72 IRWA Member.

# Karen Mostue

Member.

Hometown: Rothsay, MN Employer: KLJ amily. Two children, two doos Experience: 20 years in title research, title insurance, document preparation, and landowner negotiations. Licensed Real Estate Broker for ND and MN, Chapter 72 IRWA

### easements and title research for several projects and title research for surface owners and mineral title in the Williston Basin. Chapter 72 IRWA Member.

### David Novstrup

Keyin Cummings

Family: Wife Pamela, one

Experience: Title research,

negotiation & acquisition

experience with transmission

licensed MN Realtor, Chapter

Hometown: Moorhead, MN

lines. Seven years practice as a

Employer: KLJ

daughter, one son

72 IRWA Member.

**Greg Frazier** 

Employer: KLJ

Family: Two brothers

Experience: Acquiring

Hometown: Detroit Lakes, MN

Hometown: Aberdeen, SD Employer: KLJ Family: Wife Holly, two daughters Experience: Four years in

real estate and two years negotiating land options and/or rights-of-way.

### Kelsey Erickson

**MEET THE RIGHT-OF-WAY TEAM** 

Hemetown: Bowman, ND Employer: KLJ Family: Parents Jan and Roger Experience: : Title processes, documentation preparation, working with county tax director managing tax records, including land parcel splitting and title research. Chapter 72 IRWA Member.

### Travis Hoaglund Hometown: Bismarck, ND Employer: KLJ Family: One brother

Experience: Mineral title, leasing, and production in the oil and gas industry. Also right-of-way efforts. Chapter 72 IRWA Member.

# Vicki Severson

Hometown: Battle Lake, MN Employer: Otter Tail Power Co. Family: Husband Brvan, two sons, six grandchildren Experience: 36 years in public relations, marketing, and right-of-way areas. Has worked on several transmission line projects. Membership Chair for Chapter 72 IRWA/ and Prof. of the Year - 2012.

### Terry Fasteen

Hometown: Detroit Lakes, MN Employer: KLJ Family: Wife Kathryn, two sons, two grandchildren Experience: 30 years in transmission line, aviation, distribution, rural water, and transportation right- of-way efforts, Currently the right-ofway Technical Area Manager for KLJ. Chapter 72 IRWA Member.

January 2014 Issue



### Bri Mostue Hometown: Rothsay, MN Employer: KLJ Family: Parents Karen and Larry, one brother Experience: Title search and landowner negotiations. Currently with KLJ in the rightof-way technical work area. Chapter 72 IRWA Member.

Chris Strand Hometown: Bismarck, ND Employer: KLJ Experience: Right-of-way efforts for transmission line, roadway, water, mining, and

oil and gas projects in title and mineral research. Chapter 72 **IRWA Member** 

### **Full Project Schedule:** 2012 - 2013 August 2013 Fall 2013 October 2013 2016-2019 2013-2016 2019 Corridor and route Filed a Facility Permit Began engineering design and SDPUC held two public hearings on the Facility Construction Continue engineering design and Project in Application with development Permit Application. Filed a Corridor Certificate and right-of-way process right-of-way process service SDPUC Route Permit Application with NDPSC. We are here



# Frequently Asked Questions

WONTANA-DAKOTA UTILITIES CO. A Green of WOI Descored Groce ve. In the Commonly to Serve\*



# How did you determine where the transmission line will be located?

The project team identified a preferred route using input gathered from the public at routing meetings along with agency input and environmental and engineering considerations. For more information, please refer to the summary outreach document located on our website at **www.bssetransmissionline.com/routing.** 

# How far will your transmission line be from homes?

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# How are affected landowners compensated?

Right-of-way agents will prepare a specific estimate for each landowner based on a consistent payment formula. Total compensation for each easement varies, depending on factors such as the local market value of land, the calculated acreage for the right-of-way, current land use, and whether poles will be located in the easement.

# Why do landowners receive a one-time payment instead of annual payments?

We will offer landowners a single payment to cover the cost of the easement footprint, the inconvenience of structures on the property, and impact to agricultural operations. This approach follows the established compensation process for transmission lines within the region. Annual payments are traditionally associated with generation projects on private land. These assets generate a commodity that is marketed to the public. For example, wind farms usually make annual payments to landowners because they sell the energy generated on the landowner's property. Often the payments fluctuate with the amount of energy being produced.

In comparison to generation projects, transmission lines are generally low impact to land use, with the greatest disturbance occurring during construction. During operation of the transmission line, the structures themselves will take approximately 0.01 acres per mile out of production. Therefore, because of this relatively small impact, the established one-time payment should sufficiently reimburse landowners.

# How will you handle construction damage on my property?

During the construction phase, inspectors retained for the project will monitor and record damages when they occur. We will review each case and determine a course of repair. The responsibility and cost for any repairs belong to us.

# How will I be compensated for crop damage during construction?

We will compensate landowners for crop damages that occur during construction. The damage payment for standing crops will be determined by the following formula: acres x yield x price per bushel. During the year construction is completed, project representatives and the landowner will jointly determine the acres of crop affected by construction. Reimbursement will be based on the average yield of the adjoining crops and prevailing price per bushel being paid by a comparison of values from local elevators or current contractual arrangement. For the three consecutive years following construction, the project will make an additional payment for the potential of loss in crop yield based on this schedule:

- Year 1 50% of the value of the crop damage payment agreed to during the construction season;
- Year 2 and Year 3 25% of the value of the crop damage payment agreed to during the construction season.

## Will I be able to farm around the structures?

Farming activities can occur within the right-of-way and adjacent to the structure. Additionally, our proposed offset from field lines for the portions of the route that are adjacent to roadways allows most landowners to use their largest equipment between the transmission structures and the road right-of-way.

## Will having this transmission line on my land preclude me from having wind turbines?

Having a transmission line on your parcel will not automatically preclude that land from wind development. This project will increase capacity for wind energy in North Dakota, South Dakota, and the region. Often, within a wind farm, there are parcels that contain both wind turbines and transmission lines that connect to the wind farm's interconnection point. Turbine placement depends on many factors, including setback distances from homes, structures and roads, as well as environmental and engineering siting considerations. While a turbine would not typically be placed within the immediate vicinity (i.e. fall down distance) of a high-voltage transmission line, this setback is similar to or less than setbacks from many other features.

### What impacts will the transmission line have to aerial sprayers?

Crop dusters are able to spray fields with transmission structures within or adjacent to them. We will work with the Federal Aviation Administration (FAA) to meet requirements for airports and runways.

### Will the new transmission line interfere with GPS auto-steering reception?

A GPS unit in farming equipment should work properly with a high degree of accuracy underneath the transmission line. GPS devices continually pull signals from a number of satellites, not just one. A signal may be blocked temporarily if the transmission structure is between the receiver and a weak satellite signal, but it will return as the farm equipment moves past the structure. It is also common for GPS receivers to drop and pick up signals even in the absence of transmission lines and structures. We can provide the transmission structures' GPS points to landowners to help farm equipment navigate around structures.

### Is it safe for livestock to graze under the transmission line?

Yes. Current scientific research shows no safety concerns or effects on production for livestock grazing under a high-voltage transmission line.

### What is EMF and is it harmful?

EMF stands for electric and magnetic fields, both of which are part of natural and manmade environments. These fields are present wherever electricity is generated, transmitted, and used. Electric fields are produced by the electrical strength (voltage), and magnetic fields are produced by electric current or movement of the electricity through a conductor. There is no reliable scientific basis to conclude that EMF is harmful. Numerous studies have been completed to determine if there is an association between EMF and human health effects. Several scientific organizations, including the American Medical Association, American Cancer Society, American Physical Society and National Academy of Sciences, have stated that the body of evidence for EMF indicates that exposure to these fields does not present a human health hazard. (*Environmental Protection Agency:www.epa.gov/radtown/power-lines.html*)

### What is stray voltage?

Stray voltage is an accidental difference in electrical potential between two objects. For example, if a cow touches a poorly grounded metal object in a building with her nose and is standing on a damp floor, and if the metal object and the floor have different electrical potentials, then a weak electric current will pass through the cow's body. Although this is not fatal for the animal, stray voltage issues need to be addressed, and they can be corrected. Stray voltage is typically caused by wiring and electrical connections on a farm associated with the distribution lines that come from the distribution system to your farm, not from transmission lines that do not directly connect to businesses or residences. In some circumstances transmission lines can induce stray voltage onto large metallic objects or onto a distribution circuit in very close proximity to the transmission line. Stray voltage is taken into account in routing and siting and is not anticipated to be an issue for this project. If a landowner identifies stray voltage as a result of this project, we will take appropriate measures to address the issue.

Visit our website at www.BSSEtransmissionline.com