BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 22, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 1:

Per ARSD 20:10:22:05, please provide "a list of each permit that is known to be required from any other governmental entity," including when each permit application will be filed and is expected to be approved.

Response to SDPUC Request No. 1:

Attachment 1 outlines the permits that may be required including when each permit application will be filed and is expected to be approved. The permits will be filed as soon as the required information is available.

Attachments: 1 - Permits

ATTACHMENT 1
This document is provided in Excel format.

Review		Permit or Study Name	Agency/ Dept.	Data Needed	Schedule Date to be Submitted To Agency	Schedule Date for Agency Approval	Comments
Environmental permits							
SOUTH DAKOTA	Pennington County	Floodplain Development Permit	Pennington County Planning Dept.	Final design.			Likely all floodplains will be spanned. If not, floodplain survey would be required. Permit turnaround time is 7-14 days.
WYOMING		WYPDES Large Construction General Permit \ SWPPP	WY Dept of Environmental Quality	Final design	11/15/2014	12/15/2014	The Stormwater NOI and SWPPP must be submitted to WYDEQ a minimum of 30 days prior to construction.
		Section 401, Water Quality Certification	WY Dept of Environmental Quality, Water Division	Final design	11/01/2014	12/01/2014	401 Water Quality certification is granted with the issuance of the 404 permit. No application necessary.
		State Lands Survey Permit and Easement	Office of State Lands and Investments	Final design	10/01/2014	11/01/2014	Survey permits have been acquired.
SOUTH DAKOTA		Section 401, Water Quality Certification	South Dakota Department of Environment and Natural Resources (DENR)	Final design.	11/01/2014	12/01/2014	401 Water Quality certification is granted with the issuance of the 404 permit. No application necessary.
		NPDES General Permit for Storm Water Discharges from Construction Activities	South Dakota Department of Environment and Natural Resources (DENR)	Final Design. Preparation of a SWPPP	Minimum of 15 days prior to construction	Prior to construction	The Stormwater NOI must be submitted a minimum of 15 days prior to construction. A SWPPP must be in place prior to construction.
FEDERAL REVIEW		U.S. Army Corps of Engineers Section 404 Permit- Nationwide Permit #12	U.S. Army Corps of Engineers	Final design.	11/01/2014	12/01/2014	The project will likely require a Nationwide Permit #12
		Right-of-Way Permit	Bureau of Land Management		In process	12/15/2014	NEPA
		Special Use Permit	US Forest Service		In process	12/15/2014	NEPA
Non-Environmental Permits							
SOUTH DAKOTA	Pennington County	Permit to Occupy ROW	Pennington County Highway Department	Final design	12/01/2014	12/15/2014	7-14 day permit turnaround
		Temporary Approach Permit/Notification	Pennington County Highway Department	Final design			Thomas Wilsey, Superintendant, is not sure such a permit exists but would like a notification and drawings of any approaches.
		Utility Installation Permit	Pennington County Highway Department	Final design	12/01/2014	12/15/2014	7-14 day permit turnaround
		Building Permit	Pennington County Planning Dept.		Project description submitted 9/10/2014		PJ Conover, interim Director would like to see a project description to determine if a Building Permit is required. If required, permit turnaround is 7-10 days.
		Construction Permit	Pennington County Planning Dept.		Project description submitted 9/10/2014		PJ Conover, interim Director would like to see a project description to determine if a Construction Permit is required. If required, permit turnaround is 7-10 days.
WYOMING		WYDOT Form M54	Wyoming Department of Transportation	Final design	11/01/2014	12/01/2014	Typical turnaround is 1-4 weeks. They prefer 11x17 drawings.
SOUTH DAKOTA		Utility Permit	South Dakota Department of Transportation	Final design	11/15/2014	12/01/2014	Typical turnaround is 1-2 weeks.
RAILROAD REVIEW		Wire and Cable Installation Permit	Railroad	Final design	11/15/2014	01/14/2015	BHP
		Right-of-Entry for Access to Railroad Properties	Railroad	Final design	11/15/2014	01/14/2015	BHP

BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 17, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 2:

Per ARSD 20:10:22:05, please provide a list of "each notification that is required to be made to any other governmental entity."

Response to SDPUC Request No. 2:
As part of the project routing and National Environmental Policy Act (NEPA) compliance process, notification has been made to the following governmental entities:

The Department of Agriculture, U.S. Forest Service, Black Hills National Forest,
The Department of the Interior, Bureau of Land Management,
The Advisory Council on Historic Preservation,
The South Dakota State Historic Preservation Officer, and the Wyoming State Historic Preservation Officer.

Black Hills National Forest, as the lead agency on the NEPA process has also consulted with the Cheyenne River Sioux Tribe, Cheyenne/Arapaho Tribes of Oklahoma, Crow Creek Sioux Tribe, Eastern Shoshone Tribe, Flandreau Santee Sioux Tribe, Fort Peck Agency, Lower Brule Sioux Tribe, Mandan, Hidatsa & Arikara Nation, Northern Arapaho Tribe, Northern Cheyenne Tribe, Oglala Sioux Tribe, Rosebud Sioux Tribe, Santee Sioux Nation, Sisseton-Wahpeton Sioux Tribe, Spirit Lake Sioux Tribe, Standing Rock Sioux Tribe, Yankton Sioux Tribe, S.D. Department of Game, Fish and Parks, S.D. Department of Transportation, S.D. Department of Environment and Natural Resources (DENR), Pennington County, South Dakota, City of Rapid City, U.S. Fish & Wildlife Service, Environmental Protection Agency, Weston County Commissioners, WY Department of Agriculture – Natural Resources, WY Department of Environmental Quality, WY Department of Transportation, WY Game & Fish Department, WY Office of State Lands & Investments, WY State Geological Society, and WY State Engineer's Office

Attachments: None

BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 17, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 3:

On page 4 of the application, the Applicant states, "a transmission customer has requested 130 MW of firm transmission service beginning in 2016 through the JOATT." Please provide additional details on this request.

Response to SDPUC Request No. 3:

The referenced transmission service (Reference #73061719) was requested by Basin Electric Power Cooperative. The specific request is for 130 MW of firm point-to-point transmission service with a Point of Receipt at Dry Fork and Point of Delivery at Rapid City, which includes the western terminal of the Rapid City DC Tie. The service will commence on January 1, 2016, and terminate on January 1, 2021, with the option to extend the service provided proper notice is given in accordance with the Joint Open Access Transmission Tariff.

Attachments: None

BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 17, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 4:

Per ARSD 20:10:22:10, please "provide data, data sources, assumptions, forecast methods or models, or other reasoning upon which the description is based." For example, please provide the long-range transmission planning studies that identified the need for the transmission line as identified in Section IV of the Application.

Response to SDPUC Request No. 4:

The attached documents identified the need for this project.

Attachment 4-1 is the initial long-range planning study performed in 2006 which identified the need for the line due to forecasted load growth and local generation limitations.

Attachment 4-2 is a study performed in 2008 which evaluated the simultaneous feasibility of a number of transmission service requests. A 130 MW transmission service request (#70108465) identical to the current request was included in the analysis. The study concluded that the Osage-Lange line was needed to facilitate the requests.

Attachments:

4-1_2006_230_PLANNING_STUDY_REPORT.pdf
4-2_Attachment 2_565 CLUSTER SIS RESTUDY REPORT_060408.pdf



LONG RANGE PLANNING STUDY

YEARS 2010-2025

AUGUST 15, 2006

TABLE OF CONTENTS

1. EXECUTIVE SUMMARY 1

2. INTRODUCTION 1

3. STUDY METHODOLOGY 2

4. BASE CASES 3

5. PERFORMANCE CRITERIA 3

6. STUDY OBJECTIVES 4

7. POTENTIAL SYSTEM ISSUES 5

7.1. BEN FRENCH AND OSAGE GENERATING STATIONS 5

7.2. RAPID CITY LOAD SERVING 5

7.3. 230 KV OUTAGES 6

8. SYSTEM ADDITIONS 6

8.1. LANGE SVC 6

8.2. TEKLA-OSAGE-LANGE 7

8.3. TEKLA-OSAGE, YELLOW CREEK-LANGE 7

8.4. TEKLA-OSAGE-BEN FRENCH-LANGE 7

8.5. TEKLA-OSAGE, YELLOW CREEK-BEN FRENCH-LANGE 7

9. STUDY RESULTS 8

9.1. CURRENT SYSTEM 8

9.1.1. 2010 STUDY YEAR 8

9.1.2. 2015 STUDY YEAR 10

9.1.3. 2020 STUDY YEAR 13

9.1.4. 2025 STUDY YEAR 18

10. CONCLUSIONS 26

APPENDIX A 28

APPENDIX B 29

APPENDIX C 33

APPENDIX D 34

1. EXECUTIVE SUMMARY

From time to time it is necessary to evaluate the BHP transmission and sub-transmission system to understand its response to growing system loads. Studies were performed looking at the 2010, 2015, 2020 and 2025 study years, taking into account known system additions and improvements and accounting for reasonable load growth. Transmission system additions were studied based on feasible installation timeframes and need. The transmission system additions that were examined were an SVC at the Lange substation at various capacities, a Tekla-Osage-Lange 230 kV line, a Tekla-Osage and Yellow Creek-Lange 230 kV line, a Tekla-Osage-Ben French-Lange 230 kV line and a Tekla-Osage and Yellow Creek-Ben French-Lange 230 kV line.

The 2010 and 2015 cases showed an increase of the required must-run generation for system intact conditions, as well as voltage and thermal violations with maximum must-run generation for four prior outages. The thermal violations require that a number of 69 kV lines be improved to increase their rating. The voltage violations are mitigated with the installation of an SVC. The required SVC capacity is dependent on operational objectives. If the objective of the SVC is to eliminate must-run generation requirements for peak-load system intact conditions, a larger SVC (100-150 MVAR) is required. If the objective is to correct the system to meet criteria with maximum must-run generation for prior outage conditions, then a smaller SVC installation (50 MVAR) will prove adequate. It may be possible to increase the effective SVC capacity in the future through the installation of switched capacitors. It may be possible for the SVC controls to operate this capacitor as needed.

The 2020 and 2025 cases showed additional thermal and voltage violations for prior outage conditions and increased must-run generation requirements for system intact conditions. Of primary concern is the introduction of thermal overloads on the 230 kV transmission system. While the thermal overloads were observed only on the lower rated Westhill-South Rapid 230 kV line, this is a condition that was not previously witnessed in system studies. This indicates that there will be a future need for additional transmission into the Rapid City/Black Hills load center from outside and through the current Black Hills 230 kV loop. Studies show that the Tekla-Osage-Ben French-Lange 230 kV line addition performed the best under system intact and prior outage conditions. Assuming the installation of a large SVC, or a smaller SVC with additional controlled switched capacitors, this line addition would eliminate the need for peak-load must-run generation in the 2025 study year and possibly beyond. Additionally, the must-run generation requirement for many prior outages is eliminated or reduced to RCG2 provided the sub-transmission system upgrades identified in the 2010 and 2015 study years are implemented.

2. INTRODUCTION

Periodically it is necessary for studies to be performed to address potential future system problems. As the load and generation mix changes within the Black Hills region in the next 10 to 20 years, current system issues will be amplified and new issues will develop. This study

BHP-SD-EL14-061-000023

will look at the future transmission facilities that will be needed to reliably serve our customers, not only in near future, but for many years beyond.

3. STUDY METHODOLOGY

This planning study focused on the 2010-2025 timeframe with regards to projected load growth and possible system additions that could be accomplished. Potential system additions were studied at various load and generation levels to determine the best solutions.

The Rapid City DC Tie was modeled as out-of-service for this study. From a planning prospective this is not a reliability resource as a base load steam generator would be. The DC tie is typically operated based on market conditions and cannot be relied upon to be at any specific MW level and direction for all conditions.

Load projections for 2010, 2015, 2020 and 2025 were used for this study. The near-term load levels (2010 and 2015) were used to identify future issues with the current transmission system and rate various near-term improvement options. The far-term load levels (2020 and 2025) were used to determine the best combination of near-term and long lead-time improvement combinations. For the study year 2015 and later the Ben French and Osage steam plants were assumed out-of-service per the latest Black Hills Corporation Integrated Resource Plan. The Wygen2, Wygen3 and Dry Fork units were assumed on-line for all study years.

The 69 kV system is typically operated radially for system intact conditions. However, for prior outage conditions the normally open 69 kV segments are closed in as needed based on operational studies. This makes defining 69 kV contingencies very difficult due to the location of open 69 kV segments and the breakers that would operate due to a fault. Additionally, 69 kV contingencies typically result in the dropping of the loads along the line. This often results in better system performance.

Rapid City generation levels were simulated at three levels:

RCG0 – No generation on-line
RCG1 – Ben French steam only (Study year 2010 only) / None (Study years 2015-2025)
RCG2 – Level 1 + Lange CT on-line at 20 MW
RCG3 – Level 2 with Lange CT on-line at 40 MW
RCG4 – Level 3 + Rapid City CT #1 on-line at 17 MW
RCG5 – Level 4 + Rapid City CT #2 on-line at 17 MW
RCG6 – Level 5 + Rapid City CT #3 on-line at 17 MW
RCG7 – All Rapid City area generation on-line

For the purposes of this report the term transmission will refer to the Common Use System 230 kV transmission system. Subtransmission will refer to the underlying 69 kV transmission system and 230/69 kV transformers.

All study work was performed using Power Technologies, Inc. PSS/E version 29.4.

BHP-SD-EL14-061-000024

4. BASE CASES

The base case used for this study was a modified WECC 2010 heavy summer case. The modifications were compiled in a collaborative effort by the transmission owners in Wyoming and northern Colorado. This close coordination has resulted in the creation of an up-to-date 2010 heavy summer base case that includes future projects and updated load levels. Significant facility additions that were included in the base case are:

- Hughes-Dry Fork-Arvada-Beatty Gulch 230 kV line
- Wygen2 generating unit
- Dry Fork-Carr Draw 230 kV line
- Spruce Gulch-Whitewood 69 kV line

Per the current Engineering department design, the Spruce Gulch-Whitewood 69 kV line will connect to the existing 69 kV line through a three-way switch. This configuration does not allow the Whitewood-Spruce Gulch, Whitewood-Sturgis BEC and Whitewood-Sturgis 69 kV lines to be simultaneously tied through.

Additional switched capacitors were modeled on the system at Spearfish, Sturgis and Colony. The Spearfish and Sturgis capacitors were modeled at 7 MVAR and were fixed on-line. The Spearfish capacitor was assumed to be a permanent installation, while the Sturgis capacitor was assumed to be a mobile capacitor for use during peak loads. The Colony capacitor was modeled at 2 MVAR and was fixed on-line. This capacitor was assumed to be a permanent installation and would be always-on.

5. PERFORMANCE CRITERIA

Established NERC/WECC performance criteria were used as the basis to determine the suitability of the various addition options. A list of all monitored buses and branches can be found in Appendix A and B, respectively, of this report. A list of the simulated contingencies can be found in Appendix C of this report.

5.1. VOLTAGE

System intact and prior outage voltage was required to be greater than 0.95 p.u. and less than 1.05 p.u. at all buses after transformer taps and switched shunts had been allowed to adjust. Bus voltages were required to be greater than 0.90 p.u. and less than 1.10 p.u. following a forced outage (N-1) with transformer taps and manually switched shunts locked.

5.2. THERMAL

All transmission facilities within the Black Hills were monitored for thermal overloads. Transmission lines were required to be at or less than 100% of their normal rating for system intact and prior outage conditions. Following a forced outage (N-1) the

BHP-SD-EL14-061-000025

transmission lines were required to be at or less than 100% of their emergency rating. Black Hills Power currently does not assign emergency ratings to their transmission lines.

All power transformers were monitored for thermal overloads. For system intact and prior outage conditions transformers were required to be at or less than 100% of their FAO rating. Black Hills Power does allow short-time overloading of their transformers without incurring excessive transformer loss-of-life.

Maximum Hours @ Overload	**Allowable Transformer Overload**
½ Hour	153%
1 Hour	135%
2 Hours	120 %

Following a forced outage (N-1) transformers were allowed to be loaded to 150% of their FAO rating.

5.3. PRIOR OUTAGES

The Table 4.3-1 below lists the prior outages that were studied.

TABLE 4.3-1: PRIOR OUTAGES

1. SYSTEM INTACT
2. WYODAK UNIT
3. WYODAK-CARR DRAW 230
4. WYODAK-RENO 230
5. WYODAK-HUGHES 230
6. WYODAK-OSAGE 230
7. LANGE-LOOKOUT 230
8. LANGE-SOUTH RAPID 230
9. WESTHILL-SOUTH RAPID 230
10. OSAGE-WESTHILL 230
11. STEGALL-WESTHILL 230
12. YELLOW CREEK-OSAGE 230
13. HUGHES-LOOKOUT 230
14. YELLOW CREEK-LOOKOUT 230
15. TEKLA-HARTZOG 230
16. CARR DRAW-BUFFALO 230
17. DJ-YELLOWCAKE 230
18. CARR DRAW-BARBER CREEK 230
19. YELLOW CREEK-LANGE 230
20. OSAGE-LANGE 230
21. TEKLA-OSAGE 230
22. YELLOW CREEK-BEN FRENCH 230
23. OSAGE-BEN FRENCH 230
24. LANGE-BEN FRENCH 230

6. STUDY OBJECTIVES

The objective of this study was to identify transmission upgrades that would allow the power system to meet the performance criteria outlined in Section 4 and would minimize Rapid City must-run generation for the projected load levels of the years studied.

The first objective, meeting performance criteria, is important in light of the recently passed Energy Policy Act of 2005. The Energy Policy Act of 2005 now mandates that all utilities comply with previously voluntary planning and operating standards. The performance criteria

BHP-SD-EL14-061-000026

described previously is outlined within these planning standards. The future mandatory nature of these standards and criteria make it important that the Black Hills area power system meet these requirements.

The second objective, minimizing Rapid City must-run generation, has a number of benefits. The one benefit is increased reliability margins for the Black Hills area power system. Transmission outages will require fewer units to be run, resulting in additional generating units available to respond to additional, unforeseen system operating issues. An additional benefit is economical. The most recent Black Hills Corporation Integrated Resource Plan stated a retirement date of December 31, 2013 for the Ben French steam plant. Currently, the Ben French generating plant is included in Rapid City must-run generation requirements. While some must-run generation requirements are for voltage support within Rapid City and the Northern Black Hills, a few prior outages require higher must-run generation for local load serving. Minimizing required must-run generation would result in a substantial economic benefit by eliminating the need for running higher-priced gas generation for reliability purposes.

7. POTENTIAL SYSTEM ISSUES

In order to determine potential problem areas of the current transmission system and generation resources, benchmark cases were run simulating forced and prior outages. 2010 timeframe loads were used and Rapid City area generation levels were varied to determine the must-run generation needed to meet performance criteria.

7.1. BEN FRENCH AND OSAGE GENERATING STATIONS

It is anticipated that the Ben French and Osage generating stations will be retired by the end of 2013. The retirement of the Ben French unit is of particular concern due to its location within the Rapid City load center. The loss of this unit will require additional voltage support in the area and the requirement to run additional gas-fired generation.

7.2. RAPID CITY LOAD SERVING

Load growth within Rapid City has resulted in an increased loading of the Lange and South Rapid 230/69 kV transformers. The loss of the South Rapid 230/69 kV transformer causes high loadings on the remaining Lange 230/69 kV transformers. With the future retirement of the Ben French steam generator and the projected load growth, this problem will only intensify. There are currently two methods to reduce or remove overloads on these transformers.

- 69 KV SYSTEM TRANSFERS

  The 69 kV system can help support the Rapid City load from the Yellow Creek, Lookout and Westhill 230/69 kV substations. However, a number of factors minimize this support. First, the distances between the Yellow Creek, Lookout and Westhill substations and Rapid City are substantial, resulting in high path

BHP-SD-EL14-061-000027

impedances. Secondly, loads on the 69 kV system reduce the ability to transfer power into Rapid City and maintain acceptable voltage levels.

- COMBUSTION TURBINES

  Operating generation within Rapid City is a fast and direct way to reduce Rapid City 230/69 kV transformer loading. The major disadvantage of this solution is the high cost of running these units. Transformer failures typically result in prolonged outages due to the long lead times required for repairs or a replacement transformer. These long outage periods increase the financial impact of running gas-fired generation to eliminate transformer overloads.

7.3. 230 KV OUTAGES

The Black Hills area loads are primarily served by coal-fired generation located near Gillette, Wyoming. The power generated west of the Black Hills is then transported over the Common Use System (CUS) transmission facilities to the major 230 kV substations at Lookout, Yellow Creek, Lange and South Rapid. The major features of the CUS transmission system include:

- A 230 kV loop around the Black Hills that connects the South Rapid, Lange, Lookout, Yellow Creek, Osage and Westhill substations.
- Two lines connecting the Wyodak generation complex to the Black Hills 230 kV loop. These are the Wyodak-Hughes-Lookout and Wyodak-Osage lines.
- A 230 kV line connecting the Westhill substation to the WAPA system at Stegall south of the Black Hills.

Currently there is sufficient generation within the Rapid City load center to compensate for forced and prior outages of these 230 kV lines. However, with continued load growth and the potential retirement of the Ben French steam plant there may not be enough local generation to serve the load reliably for these outages.

8. SYSTEM ADDITIONS

8.1. LANGE SVC

A Static VAr Compensator (SVC) was added at the Lange 230 kV bus. The SVC was modeled with three different capacities: ±50, 100/-50 and 150/-50 MVAR. The SVC was represented as a switched shunt with continuous control and holding the Lange 230 kV bus voltage at 1.02 per-unit.

BHP-SD-EL14-061-000028

8.2. TEKLA-OSAGE-LANGE

A 230 kV line was modeled originating in the PREC Tekla 230 kV substation, running through the Osage 230 kV substation and terminating in the Lange 230 kV substation. The line length was estimated to be 60 miles from Tekla to Osage and 75 miles from Osage to Lange, for a total of 135 miles. The line was assumed to be built with 1295 ACSR conductor.

8.3. TEKLA-OSAGE, YELLOW CREEK-LANGE

A 230 kV line was modeled originating in the PREC Tekla 230 kV substation terminating at the Osage 230 kV substation. An additional 230 kV line was modeled originating at the Yellow Creek 230 kV substation and terminating in the Lange 230 kV substation. The line length was estimated to be 60 miles from Tekla to Osage and 35 miles from Yellow Creek to Lange, for a total of 95 miles. The line was assumed to be built with 1295 ACSR conductor.

8.4. TEKLA-OSAGE-BEN FRENCH-LANGE

A 230 kV line was modeled originating in the PREC Tekla 230 kV substation, running through the Osage 230 kV substation and terminating in a new Ben French 230 kV substation. The line length was estimated to be 60 miles from Tekla to Osage and 75 miles from Osage to Ben French, for a total of 135 miles. The line was assumed to be built with 1295 ACSR conductor. Additionally, the existing triple-circuit 69 kV line between the Ben French and Lange 69 kV substations was modeled as rebuilt as a 230 kV line with a single-circuit 69 kV under build. A 150 MVA 230/69 kV transformer (a copy of South Rapid City transformer) was added at the new Ben French 230 kV bus and connected to the existing Ben French 69 kV bus.

8.5. TEKLA-OSAGE, YELLOW CREEK-BEN FRENCH-LANGE

A 230 kV line was modeled originating in the PREC Tekla 230 kV substation terminating at the Osage 230 kV substation. An additional 230 kV line was modeled originating at the Yellow Creek 230 kV substation and terminating at a new Ben French 230 kV substation. The line length was estimated to be 60 miles from Tekla to Osage and 35 miles from Yellow Creek to Ben French, for a total of 95 miles. The line was assumed to be built with 1295 ACSR conductor. Additionally, the existing triple-circuit 69 kV line between the Ben French and Lange 69 kV substations was modeled as rebuilt as a 230 kV line with a single-circuit 69 kV under build. A 150 MVA 230/69 kV transformer was added at the new Ben French 230 kV bus and connected to the existing Ben French 69 kV bus.

BHP-SD-EL14-061-000029

9. STUDY RESULTS

The proposed upgrade options were studied in three steps. The first step looked at the benchmark case and near-term upgrades individually in the near term study years (2010 and 2015). The 2010 timeframe was not studied for the far-term transmission upgrades due to the typical long lead-time required for 230 kV line design and construction. The third step looked at combinations of the far-term transmission and near-term options together in the far-term study years (2020 and 2025).

During the course of the study it was observed that there were a number of prior outages that did not have any effect on the Black Hills area system. The following prior outages will not be addressed in this report:

- Wyodak-Carr Draw 230
- Wyodak-Reno 230
- Tekla-Hartzog 230
- Carr Draw-Buffalo 230
- Dave Johnson-Yellowcake 230
- Carr Draw-Barber Creek 230

Station abbreviations can be found in Appendix D of this report.

9.1. CURRENT SYSTEM

9.1.1. 2010 STUDY YEAR

BASE CASE

System intact conditions require a must-run generation level of RCG4 due to breaker-fail contingencies. Ignoring breaker-fail contingencies, a must-run generation level of RCG2 is required. Four N-1-1 conditions do not meet criteria with maximum Rapid City generation on-line.

Prior Outage	Limiting Contingency	Gen Level	Violation
WYD-OSG	LKO-HGH	RCG7	LKO 230 bus voltage (0.899) Multiple 69 bus voltages (0.869)
LNG-LKO	WHL-SRC	RCG7	WTW-STG 69 line (105.5% - 43 MVA)
SRC-WHL	LNG-LKO	RCG7	WTW-STG 69 line (105.5% - 43 MVA)
HGH-LKO	WYD-OSG	RCG7	Multiple 230 & 69 bus voltages (0.863)
	OSG-YWC	RCG7	LKO 230 bus voltage (0.886) Multiple 69 bus voltages (0.857)

BHP-SD-EL14-061-000030

The low post-contingent voltages indicate the need for additional reactive resources in the Rapid City/Northern Black Hills area. The Whitewood-Sturgis 69 kV line overloads can be mitigated by rebuilding the line with 795 ACSR construction.

±50 MVAR SVC

System intact conditions require a must-run generation level of RCG4 due to breaker-fail contingencies. Ignoring breaker-fail contingencies, a must-run generation level of RCG2 is required. Two N-1-1 conditions do not meet criteria with maximum Rapid City generation on-line.

Prior Outage	Limiting Contingency	Gen Level	Violation
LNG-LKO	WHL-SRC	RCG7	WTW-STG 69 line (129% - 43 MVA) BGB-PAC 69 line (104% - 75 MVA) YWC-PLM 69 line (108.8% - 75 MVA) CUS-WHL 69 line (100.4% - 37 MVA)
SRC-WHL	LNG-LKO	RCG7	WTW-STG 69 line (128.8% - 43 MVA) BGB-PAC 69 line (103.7% - 75 MVA) YWC-PLM 69 line (108.6% - 75 MVA) CUS-WHL 69 line (100.3% - 37 MVA)

The 69 kV line overloads can be mitigated by increasing the line ratings through either reconstruction or analyzing existing construction and clearances.

+100/-50 MVAR SVC

System intact conditions require a must-run generation level of RCG2 due to breaker-fail contingencies. Ignoring breaker-fail contingencies, no must-run generation is required. Two N-1-1 conditions do not meet criteria with maximum Rapid City generation on-line.

Prior Outage	Limiting Contingency	Gen Level	Violation
LNG-LKO	WHL-SRC	RCG7	WTW-STG 69 line (129.7% - 43 MVA) BGB-BFR 69 line (100.2% - 75 MVA) BGB-PAC 69 line (104.3% - 75 MVA) YWC-PLM 69 line (109.4% - 75 MVA) CUS-WHL 69 line (100.7% - 37 MVA)
SRC-WHL	LNG-LKO	RCG7	WTW-STG 69 line (128.9% - 43 MVA) BGB-PAC 69 line (102.2% - 75 MVA) YWC-PLM 69 line (108.9% - 75 MVA)

The 69 kV line overloads can be mitigated by increasing the line ratings through either reconstruction or analyzing existing construction and clearances.

BHP-SD-EL14-061-000031

+150/-50 MVAR SVC

System intact conditions require no Rapid City must-run generation. Two N-1-1 conditions do not meet criteria with maximum Rapid City generation on-line.

Prior Outage	Limiting Contingency	Gen Level	Violation
LNG-LKO	WHL-SRC	RCG7	WTW-STG 69 line (128.8% - 43 MVA) BGB-PAC 69 line (104.2% - 75 MVA) YWC-PLM 69 line (108.3% - 75 MVA) CUS-WHL 69 line (100.4% - 37 MVA)
SRC-WHL	LNG-LKO	RCG7	WTW-STG 69 line (128.4% - 43 MVA) BGB-PAC 69 line (103.8% - 75 MVA) YWC-PLM 69 line (108% - 75 MVA) CUS-WHL 69 line (100.2% - 37 MVA)

The 69 kV line overloads can be mitigated by increasing the line ratings through either reconstruction or analyzing existing construction and clearances.

9.1.2. 2015 STUDY YEAR

BASE CASE

System intact conditions require a generation level of RCG7 due to breaker-fail contingencies. Ignoring breaker-fail contingencies, a must-run generation level of RCG4 is required. Six N-1-1 conditions do not meet criteria with maximum Rapid City generation on-line.

Prior Outage	Limiting Contingency	Gen Level	Violation
WYD-OSG	WHL-SGL	RCG7	Multiple 69 bus voltages around the Osage and Edgemont areas (0.893)
	LKO-HGH	RCG7	Not solved
LNG-LKO	YWC XFMR	RCG7	HLV-SPB 69 line (100.2% - 43 MVA) SPB-LKO 69 line (113.2% - 43 MVA)
	LKO XFMR	RCG7	YWC 230/69 xfmr (131.8% - 100 MVA)
	WHL-SRC	RCG7	Not solved
SRC-WHL	LNG-LKO	RCG7	Not solved
SGL-WHL	WYD-OSG	RCG7	Multiple 69 bus voltages in the Osage, southern and northern Black Hills (0.866)
YWC-OSG	LKO-HGH	RCG7	Not solved
HGH-LKO	WYD-OSG	RCG7	Not solved
	OSG-YWC	RCG7	Not solved

BHP-SD-EL14-061-000032

The 2015 study year shows severe N-1-1 issues with the current system network and generation resources. The most severe N-1-1 combinations results in the Rapid City/Black Hills load being isolated from the Wyodak generation center, or being supplied radially from the Westhill 230 kV substation. While there are a few thermal overloads, the majority of violations are due to voltage issues. The increased loads in the 2015 study year further demonstrate the need for reactive support in or near the Rapid City load center. The 69 kV line overloads can be mitigated by increasing the line ratings through either reconstruction or analyzing existing construction and clearances.

±50 MVAR SVC

System intact conditions require a must-run generation level of RCG5 due to breaker-fail contingencies. Ignoring breaker-fail contingencies, a must-run generation level of RCG3 is required. Four N-1-1 conditions do not meet criteria with maximum Rapid City generation on-line.

Prior Outage	Limiting Contingency	Gen Level	Violation
WYD-OSG	LKO-HGH	RCG7	Not solved
LNG-LKO	WHL-SRC	RCG7	Six 69 bus voltages (0.869) Nine 69 lines (161.3%) Two 230/69 xfmrs (153.5%)
	YWC XFMR	RCG7	SPB-LKO 69 line (111.0% - 43 MVA)
	LKO XFMR	RCG7	YWC 230/69 xfmr (127.9% - 100 MVA)
SRC-WHL	LNG-LKO	RCG7	Six 69 bus voltages (0.862) Nine 69 lines (162.2%) Two 230/69 xfmrs (153.6%)
HGH-LKO	WYD-OSG	RCG7	Not solved
	OSG-YWC	RCG7	LKO 230 bus voltage (0.880) Multiple 69 bus voltages (0.840)

The addition of the 50 MVAR SVC improves the system performance when compared to the base case, but there are still numerous voltage issues. The transformer thermal overload can be mitigated by replacement of the transformer with a higher capacity transformer. The 69 kV line overloads can be mitigated by increasing the line ratings through either reconstruction or analyzing existing construction and clearances.

+100/-50 MVAR SVC

System intact conditions require a must-run generation level of RCG4 due to breaker-fail contingencies. Ignoring breaker-fail contingencies, a must-run generation level of

BHP-SD-EL14-061-000033

RCG2 is required. Four N-1-1 conditions do not meet criteria with maximum Rapid City generation on-line.

Prior Outage	Limiting Contingency	Gen Level	Violation
WYD-OSG	LKO-HGH	RCG7	Not solved
LNG-LKO	WHL-SRC	RCG7	Four 69 bus voltages (0.869) Nine 69 lines (158.5) Two 230/69 xfmrs (150.9%)
	YWC XFMR	RCG7	SPB-LKO 69 line (110.6% - 43 MVA)
	LKO XFMR	RCG7	YWC 230/69 xfmr (127.3% - 100 MVA)
SRC-WHL	LNG-LKO	RCG7	Four 69 bus voltages (0.890) Nine 69 lines (159.6%) Two 230/69 xfmrs (151.0%)
HGH-LKO	WYD-OSG	RCG7	Not solved

The addition of the 100 MVAR SVC improves the system performance when compared to the base case, but there are still numerous voltage issues. The transformer thermal overload can be mitigated by replacement of the transformer with a higher capacity transformer. The 69 kV line overloads can be mitigated by increasing the line ratings through either reconstruction or analyzing existing construction and clearances.

+150/-50 MVAR SVC

System intact conditions require a must-run generation level of RCG2 due to breaker-fail contingencies. Ignoring breaker-fail contingencies, no must-run generation is required. Three N-1-1 conditions do not meet criteria with maximum Rapid City generation on-line.

Prior Outage	Limiting Contingency	Gen Level	Violation
LNG-LKO	WHL-SRC	RCG7	Four 69 bus voltages (0.895) Nine 69 lines (158.5) Two 230/69 xfmrs (150.9%)
	YWC XFMR	RCG7	SPB-LKO 69 line (110.6% - 43 MVA)
	LKO XFMR	RCG7	YWC 230/69 xfmr (127.3% - 100 MVA)
SRC-WHL	LNG-LKO	RCG7	Four 69 bus voltages (0.890) Nine 69 lines (159.6%) Two 230/69 xfmrs (151.0%)
HGH-LKO	WYD-OSG	RCG7	Not solved

The addition of the 150 MVAR SVC improves the system performance when compared to the base case, but there are still numerous voltage issues. The transformer thermal

BHP-SD-EL14-061-000034

overload can be mitigated by replacement of the transformer with a higher capacity transformer. The 69 kV line overloads can be mitigated by increasing the line ratings through line reconstruction or analyzing existing construction and clearances.

9.1.3. 2020 STUDY YEAR

Based upon the near-term need for voltage support in the Rapid City area, an SVC will likely be installed prior to any 230 kV line additions. The 2020 study year simulation results which only included an SVC showed only a marginal improvement from the base case performance. Therefore, the 2020 study year results will focus on combinations of SVC size with potential 230 kV line additions.

BASE CASE

System intact conditions do not meet criteria with maximum must-run generation on-line due to breaker-fail contingencies. Ignoring breaker-fail contingencies, a must-run generation level of RCG5 is required for system intact conditions. Nine N-1-1 conditions do not meet criteria with maximum Rapid City generation on-line.

Prior Outage	Limiting Contingency	Gen Level	Violation
WYD-HGH	HGH-DFK	RCG7	Four 69 bus voltages (0.856)
WYD-OSG	WHL-SGL	RCG7	Not Solved
	LKO-HGH	RCG7	Not solved
LNG-LKO	YWC XFMR	RCG7	HLV-SPB 69 line (108.3% - 43 MVA) SPB-LKO 69 line (122.4% - 43 MVA) LKO 230/69 xfmr (130.0% - 100 MVA)
	LKO XFMR	RCG7	Multiple 69 bus voltages on the BLC line YWC 230/69 xfmr (144.3% - 100 MVA)
	WHL-SRC	RCG7	Not solved
SRC-WHL	LNG-LKO	RCG7	Not solved
	LKO-HGH	RCG7	Not solved
	YWC XFMR	RCG7	SPB-LKO 69 line (103.9% - 43 MVA)
	LKO XFMR	RCG7	Multiple 69 bus voltages on the BLC line YWC 230/69 xfmr (125.3% - 100 MVA)
OSG-WHL	WYD-OSG	RCG7	Four 69 bus voltages in the OSG area (0.896)
	LNG-LKO	RCG7	Not solved
SGL-WHL	WYD-OSG	RCG7	Not solved
	LKO-HGH	RCG7	Not solved

BHP-SD-EL14-061-000035

YWC-OSG	LKO-HGH	RCG7	Not solved
	LKO XFMR	RCG7	Ten 69 bus voltages in the northern Black Hills and on the BLC line (0.874)
HGH-LKO	WYD-OSG	RCG7	Not solved
	WHL-SGL	RCG7	Not solved
	WHL-SRC	RCG7	Not solved
	OSG-YWC	RCG7	Not solved
	LKO-YWC	RCG7	Three 230 bus voltages (0.873) Four 69 bus voltages on the BLC line (0.890)

As can be seen from the results table above, the current system network cannot support the projected 2020 load. These results confirm the need to add reactive support as well as an additional transmission path into the Black Hills load area.

TEK-OSG-LNG 230
±50 MVAR SVC

System intact conditions require a must-run generation level of RCG3 due to breaker-fail contingencies. Ignoring breaker-fail contingencies, a must-run generation level of RCG2 is required. One N-1-1 condition does not meet criteria with maximum Rapid City generation on-line.

Prior Outage	Limiting Contingency	Gen Level	Violation
LNG-LKO	YWC XFMR	RCG7	SPB-LKO 69 line (101.4% - 43 MVA)

The 69 kV line overload can be mitigated by increasing the line rating through line reconstruction.

TEK-OSG 230
YWC-LNG 230
±50 MVAR SVC

System intact conditions require a must-run generation level of RCG4 due to breaker-fail contingencies. Ignoring breaker-fail contingencies, a must-run generation level of RCG2 is required. One N-1-1 condition does not meet criteria with maximum Rapid City generation on-line.

Prior Outage	Limiting Contingency	Gen Level	Violation
HGH-LKO	OSG-YWC	RCG7	Nine 69 bus voltages on the BLC line and in the Sturgis area (0.877)

BHP-SD-EL14-061-000036

The N-1-1 voltage violations occur on the radial Sundance Hill-Belle Creek 69 kV line and the radial Yellow Creek-Sturgis area 69 kV line. While these 230 kV line additions vastly improve the load serving ability of the transmission system, the violations noted above require additional voltage support on the 69 kV system. Closing the normally open 69 kV lines for this prior outage degrades system performance.

TEK-OSG-BFR-LNG 230
±50 MVAR SVC

System intact conditions require no Rapid City must-run generation. The two most limiting prior outages are shown below.

Prior Outage	Limiting Contingency	Gen Level	Violation
LNG-LKO	YWC XFMR	RCG6	SPB-LKO 69 line (102.2% - 43 MVA)
HGH-LKO	OSG-YWC	RCG5	STG area 69 bus voltages (0.884)

The Lange-Lookout 230 line prior outage must-run generation requirement reduces to RCG2 if the Spearfish BEC-Lookout 69 line rating is increased. If the Lange-Lookout 230 line prior outage restrictions are corrected, the Hughes-Lookout 230 line prior outage then requires the highest must-run generation levels.

TEK-OSG 230
YWC-BF-LNG 230
±50 MVAR SVC

System intact conditions require a must-run generation level of RCG3 due to breaker-fail contingencies. Ignoring breaker-fail contingencies, a must-run generation level of RCG2 is required. The two most limiting prior outages are shown below.

Prior Outage	Limiting Contingency	Gen Level	Violation
YWC-OSG	LKO-HGH	RCG7	Not solved
HGH-LKO	OSG-YWC	RCG7	Not solved

The simplest solution to these N-1-1 combinations is additional reactive support.

TEK-OSG-LNG 230
+100/-50 MVAR SVC

System intact conditions require a generation level of RCG2. One N-1-1 condition does not meet criteria with maximum Rapid City generation on-line.

BHP-SD-EL14-061-000037

Prior Outage	Limiting Contingency	Gen Level	Violation
LNG-LKO	YWC XFMR	RCG7	SPB-LKO 69 line (101.5% - 43 MVA)

If Spearfish BEC-Lookout 69 line rating is increased the must-run generation requirement would be RCG2 for system intact and all prior outage conditions.

TEK-OSG 230
YWC-LNG 230
+100/-50 MVAR SVC

System intact conditions require a generation level of RCG2. The two most limiting prior outages are shown below.

Prior Outage	Limiting Contingency	Gen Level	Violation
YWC-OSG	LKO-HGH	RCG6	Not solved
LKO-HGH	YWC-OSG	RCG6	Not solved

The simplest solution to reduce the must-run requirements of these N-1-1 combinations is to install additional reactive support.

TEK-OSG-BF-LNG 230
+100/-50 MVAR SVC

System intact conditions do not require any must-run generation. The most limiting prior outage is shown below.

Prior Outage	Limiting Contingency	Gen Level	Violation
LNG-LKO	YWC XFMR	RCG7	SFB-LKO 69 line (104.0%)

If the Spearfish BEC-Lookout 69 line rating is increased the must-run generation requirement would be RCG0 for system intact and eight prior outage conditions. The Wyodak-Osage, Yellow Creek-Osage, Hughes-Lookout and Osage-Ben French 230 line prior outages would require a must-run generation level of RCG2. The prior outage RCG2 must-run generation requirements are removed with the addition of additional reactive support.

TEK-OSG 230
YWC-BF-LNG 230
+100/-50 MVAR SVC

BHP-SD-EL14-061-000038

System intact conditions require a must-run generation level of RCG2 due to breaker-fail contingencies. Ignoring breaker-fail contingencies, no must-run generation is required. The two most limiting prior outages are shown below.

Prior Outage	Limiting Contingency	Gen Level	Violation
YWC-OSG	LKO-HGH	RCG5	Not solved
LKO-HGH	YWC-OSG	RCG6	Not solved

Installing additional reactive support will reduce the required must-run generation for these N-1-1 conditions.

TEK-OSG-LNG 230
+150/-50 MVAR SVC

System intact conditions require a must-run generation level of RCG2 due to breaker-fail contingencies. Ignoring breaker-fail contingencies, no system intact must-run generation is required. One N-1-1 condition does not meet criteria with maximum Rapid City generation on-line. The most limiting prior outage is shown below.

Prior Outage	Limiting Contingency	Gen Level	Violation
LNG-LKO	YWC XFMR	RCG7	SPB-LKO 69 line (101.5% - 43 MVA)

Increasing the rating of the Spearfish BEC-Lookout 69 line reduces the Lange-Lookout 230 prior outage must-run generation requirements to RCG2. The next limiter becomes the Hillsview-Spearfish BEC 69 line and Lookout 230/69 transformer thermal limits. Fixing these thermal limits results in five N-1-1 combinations requiring a must-run generation level of RCG2. The Lange-South Rapid, Yellow Creek-Osage, Hughes-Lookout, Yellow Creek-Lookout and Osage-Lange 230 prior outages all show minor voltage violations for the next worst contingency.

TEK-OSG 230
YWC-LNG 230
+150/-50 MVAR SVC

System intact conditions require a must-run generation level of RCG2 due to breaker-fail contingencies. Ignoring breaker-fail contingencies, no system intact must-run generation is required. The three most limiting prior outages are shown below.

Prior Outage	Limiting Contingency	Gen Level	Violation
LNG-LKO	YWC XFMR	RCG5	SPB-LKO 69 line (100.1% - 43 MVA)
YWC-OSG	LKO-HGH	RCG4	Not solved

BHP-SD-EL14-061-000039

HGH-LKO	YWC-OSG	RCG4	Not solved

Increasing the rating of the Spearfish BEC-Lookout 69 line eliminates the Lange-Lookout 230 prior outage must-run generation requirements. Installing additional reactive capability reduces the must-run generation requirements for the Yellow Creek-Osage and Hughes-Lookout prior outages.

TEK-OSG-BF-LNG 230
+150/-50 MVAR SVC

No must-run generation is required for system intact conditions.

Prior Outage	Limiting Contingency	Gen Level	Violation
LNG-LKO	YWC XFMR	RCG7	SPB-LKO 69 line (100.2% - 43 MVA)

Increasing the rating of the Spearfish BEC-Lookout 69 line eliminates the Lange-Lookout 230 prior outage must-run generation requirements. Resolving this criteria violation removes any must-run generation requirements for all prior outage conditions.

TEK-OSG 230
YWC-BF-LNG 230
+150/-50 MVAR SVC

No must-run generation is required for system intact conditions. The four most limiting prior outages are shown below.

Prior Outage	Limiting Contingency	Gen Level	Violation
LNG-LKO	YWC XFMR	RCG2	SPB-LKO 69 line (101.3% - 43 MVA)
SRC-WHL	OSG-YWC	RCG2	Not solved
YWC-OSG	LKO-HGH	RCG4	Not solved
HGH-LKO	YWC-OSG	RCG4	Not solved

Increasing the rating of the Spearfish BEC-Lookout 69 line eliminates the Lange-Lookout 230 prior outage must-run generation requirements.

9.1.4. 2025 STUDY YEAR

BASE CASE

System intact conditions require a must-run generation level of RCG2 due to breaker-fail contingencies. Ignoring breaker-fail contingencies, a must-run generation level of

RCG4 is required. Six N-1-1 scenarios did not meet criteria with maximum Rapid City generation on-line.

TEK-OSG-LNG 230
±50 MVAR SVC

System intact conditions require a must-run generation level of RCG4 due to breaker-fail contingencies. Ignoring breaker-fail contingencies, a must-run generation level of RCG3 is required. Four N-1-1 conditions do not meet criteria with maximum Rapid City generation on-line.

Prior Outage	Limiting Contingency	Gen Level	Violation
LNG-LKO	YWC XFMR	RCG7	SPB-LKO 69 line (107.2% - 43 MVA)
	LKO XFMR	RCG7	YWC 230/69 xfmr (125.7% - 100 MVA)
YWC-OSG	LKO XFMR	RCG7	Six 69 bus voltages on or near the BLC line (0.883)
HGH-LKO	OSG-YWC	RCG7	STG 69 (0.882) & WTW (0.890)
YWC-LKO	LKO XFMR	RCG7	Six 69 bus voltages on or near the BLC line (0.882)

Increasing the rating on the Spearfish BEC-Lookout 69 line and Yellow Creek 230/69 transformer would reduce the required must-run generation level to RCG6. The Yellow Creek-Osage and Yellow Creek-Lookout 230 line prior outage must-run generation levels can be reduced by adding reactive resources on the 69 kV system in the Lookout area. The Hughes-Lookout 230 prior outage must-run generation requirements can be reduced by adding reactive resources on the 230 kV system in the Rapid City area.

TEK-OSG 230
YWC-LNG 230
±50 MVAR SVC

System intact conditions require a must-run generation level of RCG4 due to breaker-fail contingencies. Ignoring breaker-fail contingencies, a must-run generation level of RCG3 is required. Six N-1-1 scenarios do not meet criteria with maximum Rapid City generation on-line.

Prior Outage	Limiting Contingency	Gen Level	Violation
LNG-LKO	YWC XFMR	RCG7	SPB-LKO 69 line (100.3% - 43 MVA)
	LKO XFMR	RCG7	Two 69 bus voltages at STG (0.895)
SRC-WHL	LKO XFMR	RCG7	Four 69 bus voltage on the BLC line and STB bus (0.891)

BHP-SD-EL14-061-000041

YWC-OSG	LKO-HGH	RCG7	Not solved
	LKO XFMR	RCG7	Ten 69 bus voltages around Spearfish and on the BLC line (0.871)
HGH-LKO	OSG-YWC	RCG7	Not solved
YWC-LKO	LKO XFMR	RCG7	Two 69 bus voltages on the BLC line (0.896)

The N-1-1 voltage violations which occur on the radial Sundance Hill-Belle Creek 69 kV line can be corrected with either reactive support on that line or in the Sundance Hill area.

TEK-OSG-BFR-LNG 230
±50 MVAR SVC

System intact conditions require a must-run generation level of RCG2 due to breaker-fail contingencies. Ignoring breaker-fail contingencies, system intact conditions require no Rapid City must-run generation. Four N-1-1 scenarios do not meet criteria with maximum Rapid City generation on-line.

Prior Outage	Limiting Contingency	Gen Level	Violation
LNG-LKO	YWC XFMR	RCG7	SPB-LKO 69 line (103.7% - 43 MVA)
	LKO XFMR	RCG7	YWC 230/69 xfmr (121.5% - 100 MVA)
YWC-OSG	LKO XFMR	RCG7	Five 69 bus voltages on BLC line (0.886)
HGH-LKO	OSG-YWC	RCG7	STG 69 bus voltage (0.895)
YWC-LKO	LKO XFMR	RCG7	Five 69 bus voltages on BLC line (0.885)

The Lange-Lookout 230 line prior outage must-run generation requirement can be reduced by increasing the BEC-Lookout 69 line and Yellow Creek 230/69 transformer ratings. The Lookout 230/69 transformer contingency violations can be mitigated by the addition of reactive support to the 69 kV system around Lookout.

TEK-OSG 230
YWC-BF-LNG 230
±50 MVAR SVC

System intact conditions require a must-run generation level of RCG4 due to breaker-fail contingencies. Ignoring breaker-fail contingencies, a must-run generation level of RCG2 is required. Four N-1-1 scenarios do not meet criteria with maximum Rapid City generation on-line.

Prior Outage	Limiting Contingency	Gen Level	Violation

BHP-SD-EL14-061-000042

SRC-WHL	LKO XFMR	RCG7	Two 69 bus voltages on BLC line (0.896)
YWC-OSG	LKO-HGH	RCG7	Not solved
	LKO XFMR	RCG7	Six 69 bus voltages on BLC line (0.880)
HGH-LKO	OSG-YWC	RCG7	Not solved
YWC-LKO	LKO XFMR	RCG7	Three 69 bus voltages on BLC line (0.894)

The Yellow Creek-Osage and Hughes-Lookout prior outage violations can be mitigated by adding reactive support to the 230 kV system, preferably in the Rapid City or Lookout areas. However, the reactive support would be most effective if it were dynamic or automatically controlled. The Lookout 230/69 kV transformer contingency violations can be mitigated by adding reactive support to the 69 kV system in the Lookout area.

TEK-OSG-LNG 230
+100/-50 MVAR SVC

System intact conditions require a generation level of RCG2. Three N-1-1 condition does not meet criteria with maximum Rapid City generation on-line.

Prior Outage	Limiting Contingency	Gen Level	Violation
LNG-LKO	YWC XFMR	RCG7	SPB-LKO 69 line (107.1% - 43 MVA)
	LKO XFMR	RCG7	YWC 230/69 xfmr (124.8% - 100 MVA)
YWC-OSG	LKO XFMR	RCG7	Four 69 bus voltages on BLC line (0.892)
YWC-LKO	LKO XFMR	RCG7	Six 69 bus voltages on BLC line (0.882)

If the Spearfish BEC-Lookout 69 kV line and Yellow Creek 230/69 kV transformer ratings are increased, the must-run generation requirement could be reduced for the Lange-Lookout 230 kV prior outage.

TEK-OSG 230
YWC-LNG 230
+100/-50 MVAR SVC

System intact conditions require a must-run generation level of RCG3 due to breaker-fail contingencies. Ignoring breaker-fail contingencies, a must-run generation level of RCG2 is required. One N-1-1 scenario did not meet criteria with maximum Rapid City generation on-line. Two N-1-1 scenarios required a must-run generation level of RCG7.

Prior Outage	Limiting Contingency	Gen Level	Violation

BHP-SD-EL14-061-000043

LNG-LKO	YWC XFMR	RCG7	SFB-LKO 69 line (100.2% - 43 MVA)
YWC-OSG	LKO-HGH	RCG6	Not solved
HGH-LKO	YWC-OSG	RCG6	Not solved

If the Spearfish BEC-Lookout 69 kV line rating is increased the must-run generation requirement could be reduced for the Lange-Lookout 230 kV prior outage. The next worst contingency would be the loss of the Lookout 230/69 kV transformer. This contingency results in four voltage violations on the Belle Creek 69 kV line at RCG3. The Yellow Creek-Osage and Hughes-Lookout 230 kV line prior outage must-run generation requirements can be reduced by adding reactive support on the 230 kV system in the Rapid City area.

TEK-OSG-BF-LNG 230
+100/-50 MVAR SVC

System intact conditions do not require any must-run generation. Three N-1-1 scenarios do not meet criteria with maximum Rapid City generation on-line.

Prior Outage	Limiting Contingency	Gen Level	Violation
LNG-LKO	YWC XFMR	RCG7	SPB-LKO 69 line (103.7% - 43 MVA)
	LKO XFMR	RCG7	YWC 230/69 xfmr (120.9% - 100 MVA)
YWC-OSG	LKO XFMR	RCG7	Four 69 bus voltages on BLC line (0.892)
YWC-LKO	LKO XFMR	RCG7	Five 69 bus voltages on BLC line (0.885)

If the Spearfish BEC-Lookout 69 kV line and Yellow Creek 230/69 kV transformer ratings are increased, the must-run generation requirement would be reduced to RCG3. There then becomes a voltage limitation on the Belle Creek 69 kV line. Adding reactive support on the 69 kV system in the Lookout area would reduce the must-run generation requirement for prior outages with the Lookout 230/69 kV transformer contingency causing the limitation.

TEK-OSG 230
YWC-BF-LNG 230
+100/-50 MVAR SVC

System intact conditions require a must-run generation level of RCG2 due to breaker-fail contingencies. Ignoring breaker-fail contingencies, no must-run generation is required. The three most limiting prior outages are shown below.

Prior Outage	Limiting Contingency	Gen Level	Violation

BHP-SD-EL14-061-000044

LNG-LKO	YWC XFMR	RCG5	SPB-LKO 69 line (100% - 43 MVA)
YWC-OSG	LKO-HGH	RCG5	Not solved
LKO-HGH	YWC-OSG	RCG6	Not solved

If the Spearfish BEC-Lookout 69 kV line and Yellow Creek 230/69 kV transformer ratings are increased, the must-run generation requirement would be reduced to RCG3. Installing additional reactive support will further reduce the required must-run generation for these N-1-1 conditions.

TEK-OSG-LNG 230
+150/-50 MVAR SVC

System intact conditions require a must-run generation level of RCG2 due to breaker-fail contingencies. This is primarily due to inadequate 230/69 transformation capacity in Rapid City. Ignoring breaker-fail contingencies, no system intact must-run generation is required. Three N-1-1 scenarios do not meet criteria with maximum Rapid City generation on-line.

Prior Outage	Limiting Contingency	Gen Level	Violation
LNG-LKO	YWC XFMR	RCG7	SPB-LKO 69 line (107.1% - 43 MVA)
	LKO XFMR	RCG7	YWC 230/69 xfmr (124.8% - 100 MVA) Two 69 bus voltages on BLC line (0.898)
YWC-OSG	LKO XFMR	RCG7	Four 69 bus voltages on BLC line (0.892)
YWC-LKO	LKO XFMR	RCG7	Six 69 bus voltages on BLC line (0.882)

Adding reactive support to the 69 kV system in the Lookout area reduces the must-run generation requirements of all of the prior outages noted above. Other less severe prior outages would also benefit from the added reactive support around Lookout. An increase to the Spearfish BEC-Lookout 69 kV line and Yellow Creek 230/69 kV transformer ratings would be needed to reduce the required must-run generation for the Lange-Lookout 230 kV line prior outage.

TEK-OSG 230
YWC-LNG 230
+150/-50 MVAR SVC

System intact conditions require a must-run generation level of RCG2. This must-run generation requirement is primarily due to inadequate 230/69 transformation capacity in Rapid City. One N-1-1 scenario did not meet criteria with maximum Rapid City generation on-line.

Prior Outage	Limiting Contingency	Gen Level	Violation

BHP-SD-EL14-061-000045

LNG-LKO	YWC XFMR	RCG7	SPB-LKO 69 line (100.2% - 43 MVA)

Increasing the rating of the Spearfish BEC-Lookout 69 kV line reduces the Lange-Lookout 230 kV prior outage must-run generation requirements. This system improvement along with additional reactive support would further reduce the required must-run generation levels for many of the 230 kV line prior outages.

TEK-OSG-BF-LNG 230
+150/-50 MVAR SVC

No must-run generation is required for system intact conditions. Three N-1-1 scenarios do not meet criteria with maximum Rapid City generation on-line.

Prior Outage	Limiting Contingency	Gen Level	Violation
LNG-LKO	YWC XFMR	RCG7	SPB-LKO 69 line (103.7% - 43 MVA)
	LKO XFMR	RCG7	YWC 230/69 xfmr (120.9% - 100 MVA)
YWC-OSG	LKO XFMR	RCG7	Four 69 bus voltages on BLC line (0.892)
YWC-LKO	LKO XFMR	RCG7	Five 69 bus voltages on BLC line (0.885)

Increasing the Spearfish BEC-Lookout 69 kV line and Yellow Creek 230/69 kV transformer rating, and adding reactive support on the 69 kV system around Lookout reduces or eliminates the required must-run generation for many of the 230 kV line prior outages.

TEK-OSG 230
YWC-BF-LNG 230
+150/-50 MVAR SVC

No must-run generation is required for system intact conditions. The four most limiting prior outages are shown below.

Prior Outage	Limiting Contingency	Gen Level	Violation
LNG-LKO	YWC XFMR	RCG4	SPB-LKO 69 line (101.4% - 43 MVA)
SRC-WHL	YWC XFMR	RCG2	SPB-LKO 69 line (100.0% - 43 MVA)
YWC-OSG	LKO-HGH	RCG5	WHL-SRC 230 line (100.8% - 332 MVA)
HGH-LKO	YWC-OSG	RCG5	WHL-SRC 230 line (107.5% - 332 MVA)

Increasing the rating of the Spearfish BEC-Lookout 69 kV line and the Westhill-South Rapid 230 kV line would reduce the required must-run generation levels for the prior outages noted above.

BHP-SD-EL14-061-000046

9.2. EXTREME CONTINGENCIES

A number of Category D Extreme Contingencies as defined in Table 1 of NERC Reliability Standard TPL-004-0 were simulated. The extreme contingencies were the loss of the 230 kV substations at Wyodak, Hughes, Lookout, Lange, South Rapid, Westhill, Osage and Yellow Creek. These substations and the lines associated with them make up our bulk 230 kV transmission system.

2010 STUDY YEAR

The base case showed that most severe extreme contingencies were the loss of the Wyodak, Lange and South Rapid 230 kV substations. Each of these contingencies caused extremely low voltages, primarily in the Black Hills and Rapid City areas. Adding an SVC at the Lange 230 kV bus removes the Wyodak and South Rapid 230 kV substation post-contingent violations. As would be expected, the Lange 230 kV substation contingency continues to result in extremely low voltages in the Black Hills and Rapid City areas.

2015 STUDY YEAR

The base case showed the same performance for the contingencies noted in the 2010 study year, but included post-contingent low voltages for additional 230 kV substation contingencies. Only the Yellow Creek 230 kV substation contingency did not result in any voltage violations. The addition of an SVC at Lange produced the same results as in the 2010 study year. With the SVC, only the Lange 230 kV substation contingency shows post-contingent voltage violations, which is to be expected.

2020 STUDY YEAR

The base case showed similar results to the 2015 study year simulations. The system additions that were simulated include various sizes of SVC and the four transmission lines outlined earlier in this report. Either the Tekla-Osage-Ben French-Lange or Tekla-Osage and Yellow Creek-Ben French-Lange 230 kV lines eliminate the violations caused by the simulated extreme contingencies.

2025 STUDY YEAR

The base case showed similar results to the 2020 study year simulations. Again, the same system additions were simulated for 2025 as were simulated for the 2020 study year. Again the Tekla-Osage-Ben French-Lange or Tekla-Osage and Yellow Creek-Ben French-Lange 230 kV line additions showed the best system performance for these contingencies.

BHP-SD-EL14-061-000047

10. CONCLUSIONS

This study has shown that system additions will be required in the future to accommodate anticipated load growth and future generating station retirements. In all of the study years, the must-run generation requirements for system intact conditions increase from the requirements today. As expected, subsequent study years showed that the must-run generation requirements continue to increase. Additionally, numerous 230 kV transmission line N-1-1 conditions do not meet criteria with all Rapid City generation on-line in the 2010 study year. The study results also indicate that the out year problems become worse, with more 230 kV transmission line prior outage conditions failing to meet criteria, even with Rapid City generation at maximum levels.

The results indicate that reactive support installed on the 230 kV system around Rapid City, preferably at the Lange substation, mitigates the voltage violations in 2010. The size of the SVC is ultimately dependent on the acceptable level of must-run generation for system intact and prior outage conditions. If the goal is to minimize or eliminate must-run generation requirements, a 100 to 150 MVAR SVC should be installed. If the goal is simply to meet criteria under system intact and prior outage conditions, a 50 MVAR SVC would be acceptable. It is recommended that a 50 or 100 MVAR SVC be installed with plans for the future addition of switched capacitors which could be controlled by the SVC. The additional switched capacitors would likely be needed prior to 2015 or as studies indicate based on updated load forecasts. The addition of a larger SVC also improved the system response to many extreme 230 kV substation contingencies when compared to the base case results for both the 2010 and 2015 study years.

A number of aged, low capacity 69 kV lines also need to be rebuilt to allow for increased power flow into the Rapid City load center. Ideally, these modifications should be implemented prior to 2010. To meet performance criteria in the 2015 timeframe additional 69 kV lines may need to be improved to increase their rating, and additional or increased transformation in the northern Black Hills may be needed. As the load changes on the Sundance Hill-Belle Creek 69 kV line, power factor correction capacitors or 69 kV capacitors may need to be installed should voltage issues present themselves.

In the 2020 timeframe an additional 230 kV line will be needed to serve the Rapid City and Black Hills area load. Assuming that the upgrades referred to previously are implemented, it is recommended that the Tekla-Osage-Ben French-Lange 230 kV line be built. This project would also include a new Ben French 230 kV substation with a 150 MVA 230/69 kV transformer, to be tied into the existing Ben French 69 kV substation. Additionally, the existing triple-circuit 69 kV line connecting the Ben French 69 kV substation to the Lange substation should be rebuilt to 230 kV with a single-circuit 69 kV under build. These transmission additions, coupled with an earlier SVC installation and previously discussed sub-transmission upgrades, would allow for no must-run generation requirements for system intact and most prior outage conditions. The Tekla-Osage-Ben French-Lange 230 kV line also has the added benefit of almost eliminating any violations due to extreme 230 kV substation contingencies in the 2025 study year, and entirely eliminating violation in the 2020 study year. The loss of the

BHP-SD-EL14-061-000048

Lange 230 kV substation resulted in low voltages in the Rapid City area, but increasing the size of the SVC would eliminate these violations.

BHP-SD-EL14-061-000049

APPENDIX A

MONITORED BUSES

ANT MINE230.
BUFFALO 230.
CARR DRA230.
DAVEJOHN230.
DAVEJOHN115.
DAVEJOHN69.0
DECKER 230.
GOOSE CK230.
SHERIDAN230.
SHERIDAN35.0
WYODAK 230.
WYOMONT 230.
YELLOWCK230.
GLENRCKN115.
GLENRCKS115.
WESTHILL230.
LAR.RIVR230.
LAR.RIVR345.
OSAGE 230.
LANGE 230.
REFNRYTP115.
RENO 230.
SIDNEY 115.
SIDNEY 230.
SIDNEYDC230.
LOOKOUT 230.
STEGALDC230.
STEGALL 115.
STEGALL 230.
YELLOWBR115.
YELLOWBR230.
38TH ST 69.0
4THST TP69.0
ANGOSTUR69.0
ARGYLE 69.0
BENFRNCH69.0
BIG BEN 69.0
CAMBELL 69.0
CEMETERY69.0
CLINTON 69.0
CUSTER 69.0
DENVERST69.0
DUMONT 69.0
EDGEMONT69.0
HILLCITY69.0
HILLSVW 69.0
WESTHILL69.0
JWL CAVE69.0
KIRK 69.0
LINGLETP115.
LYMANTP 115.
MERILLAT69.0
MCFT PR69.0
NSS1 69.0
OSAGE 69.0
PACTOLA 69.0
PLSNTVLY69.0
PLUMA 69.0
POPE&TAL69.0
PRINGLE 69.0
LANGE 69.0
RICHMHIL69.0
5TH ST 69.0
SALT CRK69.0
SPFSHBEC69.0
SPFSHCIT69.0
LOOKOUT 69.0
STURG_CI69.0
SUNDHILL69.0
TEKLA 230.
TROJAN 69.0
WESTBLVD69.0
WTRPLANT69.0
WHTEWOOD69.0
WNDYFLAT69.0
WYODAK 69.0
YELOWCRK230.
YELOWCRK69.0
ANAMOSA 69.0
4TH ST 69.0
EASTNRTH69.0
HUGHES 230.
HUGHES 69.0
DUTONBAS115.
ERVAYBAS115.
GARCANPP4.20
GARCANPP12.5
NAHNEJEN115.
NSS2 69.0
PILOT BU69.0
CORLETT 115.
JACKLOPE115.
KIMBALLC115.
LIMESTON115.
MEDBOWHS115.
MEDBOWTP115.
WARMSPGS115.
EMIGRANT115.
WAGNHNDS115.
FTSANDER115.
GUERNRRL115.
WARRENLM115.
BUFFBLPP69.0
CENTRYRD69.0
HARRSBRG115.
CROWCRK 115.
GRANBY 138.
BUFBASIN69.0
HDOME 69.0
CMTDUM 69.0
CAMBELL 115.
MALL 69.0
NLOOP TP69.0
LANGE TP69.0
ROBINSDL69.0
ROBNS TP69.0
5THST TP69.0
SWEST TP69.0
RADIO_DR69.0
44TH ST 69.0
BFRNCH2669.0
CMNTPLNT69.0
CROSS ST69.0
AMCOLOID69.0
BELLECRK69.0
COLONY 69.0
BUTTEPMP69.0
MTNVIEW 69.0
NEWCASTL69.0
MEETSETP115.
STURGIS 69.0
WY REFIN69.0
88 OIL 69.0
S.CRK TP69.0
PLUMA TP69.0
SPRUCEGL69.0
OSAG CTY69.0
BENTON 69.0
UPTON_C 69.0
GILLETTE69.0
PEDMNT 69.0
SW_TAP1 69.0
SW_TAP2 69.0
RCSOUTH1230.
RCSOUTH269.0
ADON PR69.0
RCDC W 230.
STURGBEC69.0
HARTZOG 230.
BARBERCK230.
DRYFORK 230.
ARVADA 230.
DRYFRK1 13.8
DRYFRK2 13.8
DECKER 230.
WYOMONT 230.
BENFRCH 230.

BHP-SD-EL14-061-000050

APPENDIX B

MONITORED BRANCHES

DAVEJOHN-DAVEJOHN- 1
DAVEJOHN-DAVEJOHN- 1
SHERIDAN-SHERIDAN- 1
SHERIDAN-SHERIDAN- 2
WYODAK-WYODAK- 1
WYODAK-WYODAK- 2
YELOWTLP-YELOWTLP- 1
WESTHILL-WESTHILL- 1
LAR.RIVR-LAR.RIVR- 1
OSAGE-OSAGE- 1
LANGE-LANGE- 1
LANGE-LANGE- 2
SIDNEY-SIDNEY- 1
SIDNEY-SIDNEYDC- 1
LOOKOUT-LOOKOUT- 1
STEGALL-STEGALL- 1
STEGALL-STEGALL- 2
YELLOWBR-YELLOWBR- 1
CAMBELL-CAMBELL- 1
CAMBELL-CAMBELL- 2
YELOWCRK-YELOWCRK- 1
HUGHES-HUGHES- 1
RCSOUTH1-RCSOUTH2- 1
BLGS PHA-YELOWTLP- 1
RMRK PHA-YELOWTLP- 1
CROS PHA-YELLOWBR- 1
ANT MINE-YELLOWCK- 1
ANT MINE-TEKLA- 1
ATLANTIC-ROCKSPGS- 1
ATLANTIC-WYOPO- 1
BADWATER-SPENCE- 1
BADWATER-THERMOPL- 1
BAIROIL-WHISKEYP- 1
BAR-X-PLATTE- 1
BAR-X-PT ROCKS- 1
BLUE RIM-BRDGR PP- 1
BLUE RIM-S. TRONA- 1
BRDGR PP-FIREHOLE- 1
BRIDGER-MUSTANG- 1
BRIDGER-PT ROCKS- 1
BRIDGER-ROCKSPGS- 1
BUFFALO-CARR DRA- 1
BUFFALO-KAYCEE- 1
BUFFALO-SHERIDAN- 1
CARR DRA-WYODAK- 1
CASPERPP-DAVEJOHN- 1
CASPERPP-MIDWEST- 1
CASPERPP-RIVERTON- 1
CASPERPP-CASPERLM- 1
CASPERPP-REFNRYTP- 1
DAVEJO&1-DAVEJOHN- 1
DAVEJO&1-SPENCE- 1
DAVEJOHN-DIFICULT- 1
DAVEJOHN-YELLOWCK- 1
DAVEJOHN-LAR.RIVR- 1
DAVEJOHN-STEGALL- 1
DAVEJOHN-GLENRCKN- 1
DAVEJOHN-GLENRCKS- 1
DECKER-GOOSE CK- 1
DECKER-WYOMONT- 1
DIFICULT-MINERS- 1
FIREHOLE-LITTLEMT- 1
FIREHOLE-ROCKSPGS- 1
FLAMGORG-LITTLEMT- 1
FRANNIE-GARLAND- 1
FRANNIE-YELOWTLP- 1
FT CREEK-MINERS- 1
GARLAND-OREBASIN- 1
GOOSE CK-SHERIDAN- 1
GOOSE CK-YELOWTLP- 1
GRASS CK-OREBASIN- 1
GRASS CK-THERMOPL- 1
GREATDIV-MUSTANG- 1
KAYCEE-MIDWEST- 1
MINERS-PLATTE- 1
MONUM PS-NAUGHTON- 1
MONUM PS-OPAL TAP- 1
MUSTANG-SPENCE- 1
PALISADE-RAVEN- 1
PALISADE-ROCKSPGS- 1
PLATTE-WHISKEYP- 1
PT ROCKS-ROCKSPGS- 1
RIVERTON-THERMOPL- 1
RIVERTON-WYOPO- 1

BHP-SD-EL14-061-000051

THERPACE-WORLAND- 1
THERPACE-THERMOPL- 1
THERPACE-THERMOPL- 2
WORLAND-WORLANTP- 1
WYODAK-OSAGE- 1
WYODAK-RENO- 1
WYODAK-HUGHES- 1
YELOWTLP-YELLOWBR- 1
ALCOVA-CASPERLM- 1
ALCOVA-CASPERLM- 2
ALCOVA-FREMONT- 1
ALCOVA-MIRACLEM- 1
ALCOVA-MIRACLEM- 2
ALCOVA-RADERVIL- 1
ARCHER-CHEYENNE- 1
ARCHER-MYERS TP- 1
ARCHER-PINEBLUF- 1
ARCHER-SKYLINE- 1
ARCHER-CROWCRK- 1
ARCHER-AULT- 1
ARCHER-STEGALL- 1
ARCHER-HAYDEN- 1
AULT-LAR.RIVR- 1
BASIN-GREYBULL- 1
BASIN-WORLANTP- 1
BGEORGE-GLENDLTP- 1
BGEORGE-LOVELL- 1
BGEORGE-MEETSETP- 1
BOYSEN-COPPERMT- 1
BOYSEN-THERMOPL- 1
BOYSEN-HARRSBRG- 1
BRIDGEPT-MCGREW- 1
BRIDGEPT-GREENWOD- 1
BUFFBILL-HEART MT- 1
BUFFBILL-N. CODY- 1
BUFFBILL-BUFFBLPP- 1
BUSHNELL-BUSHNLTP- 1
BUSHNLTP-KIMBALL- 1
BUSHNLTP-PINEBLUF- 1
CARTERMT-THERMOPL- 1
CARTERMT-MEETSETP- 1
CASPERLM-GLENRCKN- 1
CHEYENNE-HAPPYJCK- 1
CHEYENNE-LARAMIE- 1
CHEYENNE-CROWCRK- 1
CHEYENNE-PONNEQUI- 1
COPPERMT-RADERVIL- 1
DALTON-SIDNEY- 1
DALTON-GREENWOD- 1
GARLAND-LOVELL- 1
GARLAND-POWELLTP- 1
GEMCTYTP-HAPPYJCK- 1
GEMCTYTP-OASISTAP- 1
GEMCTYTP-SPRINGCK- 1
GERING-MCGREW- 1
GERING-STEGALL- 1
GERING-EMIGRANT- 1
GLENDLTP-HEART MT- 1
GLENDO-GLENRCKN- 1
GLENDO-GUERNTAP- 1
GLENDO-PODOLAK- 1
GLENDO-LINGLETP- 1
GLENDO-WAGNHNDS- 1
GLENRCKS-REFNRYTP- 1
GLENRCKS-WAGNHNDS- 1
GREYBULL-LOVELL- 1
GREYBULL-NAHNEJEN- 1
GUERNTAP-STEGALL- 1
GUERNTAP-LIMESTON- 1
GUERNTAP-GUERNRRL- 1
HAPPYJCK-CORLETT- 1
HDOME-JIMRDYTP- 1
HEART MT-N. CODY- 1
WESTHILL-OSAGE- 1
WESTHILL-STEGALL- 1
WESTHILL-RCSOUTH1- 1
JACINTO-KIMBALL- 1
JACINTO-SIDNEY- 1
JIMREADY-JIMRDYTP- 1
KIMBALL-KIMBALLC- 1
KORTES-KORTESTP- 1
KORTES-MIRACLEM- 1
KORTESTP-MIRACLEM- 1
KORTESTP-SEMINOE- 1
LAGRANGE-ROUNDTOP- 1
LAGRANGE-STEGALL- 1
LAR.RIVR-STEGALL- 1
LAR.RIVR-STORY- 1
LARAMIE-MEDBOWTP- 1
LINGLE-LINGLETP- 1

BHP-SD-EL14-061-000052

LOVELL-YELLOWBR- 1
LOVELL-YELLOWBR- 2
LYMAN-TORRNGTN- 1
LYMAN-LYMANTP- 1
MAY-OASISTAP- 1
MED BOW-MEDBOWTP- 1
MIRACLEM-OASISTAP- 1
MIRACLEM-SEMINOTP- 1
MIRACLEM-MEDBOWTP- 1
MYERS-MYERS TP- 1
MYERS TP-POLE CK- 1
N. CODY-RALSTON- 1
N.YUMA-SIDNEY- 1
OSAGE-YELOWCRK- 1
PEETZ-SIDNEY- 1
PILOT BU-WINDRIVT- 1
PILOT BU-HARRSBRG- 1
POLE CK-QUALLS- 1
POLE CK-ROUNDTOP- 1
POWELLTP-RALSTON- 1
RADERVIL-ERVAYBAS- 1
LANGE-LOOKOUT- 1
LANGE-RCSOUTH1- 1
RENO-TEKLA- 1
RIVERTON-WINDRIVT- 1
ROUNDTOP-SENTINEL- 1
SEMINOE-SEMINOTP- 1
SEMINOTP-SINCLAIR- 1
SIDNEY-STEGALL- 1
SINCLAIR-TROWBRDG- 1
SKYLINE-WARRENLM- 1
LOOKOUT-YELOWCRK- 1
LOOKOUT-HUGHES- 1
SPRINGCK-FTSANDER- 1
STEGALDC-STEGALL- 1
STEGALL-LYMANTP- 1
STEGALL-EMIGRANT- 1
TCAPS-THERMOPL- 1
TCAPS-JIMRDYTP- 1
THERMOPL-WORLANTP- 1
WILDCAT-EMIGRANT- 1
WINDRIVR-WINDRIVT- 1
WINDYGAP-GRANBY- 1
38TH ST-CEMETERY- 1
38TH ST-WTRPLANT- 1
4THST TP-WESTBLVD- 1
4THST TP-ANAMOSA- 1
4THST TP-4TH ST- 1
4THST TP-EASTNRTH- 1
ANGOSTUR-EDGEMONT- 1
ANGOSTUR-WESTHILL- 1
ARGYLE-EDGEMONT- 1
ARGYLE-PRINGLE- 1
BENFRNCH-BIG BEN- 1
BENFRNCH-PLSNTVLY- 1
BENFRNCH-LANGE- 2
BENFRNCH-LANGE- 3
BENFRNCH-WTRPLANT- 1
BENFRNCH-BFRNCH26- 1
BENFRNCH-CMNTPLNT- 1
BENFRNCH-CROSS ST- 1
BIG BEN-PACTOLA- 1
CAMBELL-DENVERST- 1
CAMBELL-CENTRYRD- 1
CAMBELL-ROBNS TP- 1
CEMETERY-5THST TP- 1
CLINTON-PACTOLA- 1
CUSTER-WESTHILL- 1
CUSTER-JWL CAVE- 1
CUSTER-PRINGLE- 1
DENVERST-EASTNRTH- 1
DUMONT-YELOWCRK- 1
HILLCITY-PACTOLA- 1
HILLSVW-POPE&TAL- 1
HILLSVW-SPFSHBEC- 1
KIRK-YELOWCRK- 1
KIRK-YELOWCRK- 2
LINGLETP-LYMANTP- 1
MERILLAT-ROBNS TP- 1
MERILLAT-SW_TAP2- 1
MCFT PR-HUGHES- 1
NSS1-WYODAK- 1
NSS1-NSS2- 1
NSS1-GILLETTE- 1
OSAGE-88 OIL- 1
OSAGE-OSAG CTY- 1
PLSNTVLY-44TH ST- 1
PLUMA-YELOWCRK- 1
PLUMA-SPRUCEGL- 1
POPE&TAL-SPFSHCIT- 1
LANGE-NLOOP TP- 1
LANGE-PEDMNT- 1

BHP-SD-EL14-061-000053

RICHMHIL-TROJAN- 1
5TH ST-ROBINSDL- 1
5TH ST-5THST TP- 1
SALT CRK-S.CRK TP- 1
SPFSHBEC-LOOKOUT- 1
LOOKOUT-SUNDHILL- 1
LOOKOUT-SUNDHILL- 2
LOOKOUT-MTNVIEW- 1
STURG_CI-WHTEWOOD- 1
SUNDHILL-AMCOLOID- 1
SUNDHILL-STURGBEC- 1
TROJAN-YELOWCRK- 1
WESTBLVD-LANGE TP- 1
WHTEWOOD-STURGBEC- 1
WNDYFLAT-PLUMA TP- 1
WYODAK-NSS2- 1
YELOWCRK-PLUMA TP- 1
HUGHES-ADON PR- 1
BBILL1-2-SHOSHONE- 1
DUTONBAS-ERVAYBAS- 1
GARCANPP-RALSTON- 1
CORLETT-WARRENLM- 1
JACKLOPE-WARMSPGS- 1
MEDBOWHS-MEDBOWTP- 1
WARMSPGS-WAGNHNDS- 1
BBILL3-4-SPIRTMTN- 1
CENTRYRD-MALL- 1
BUFBASIN-CMTDUM- 1
HDOME-CMTDUM- 1
MALL-NLOOP TP- 1
5THST TP-SWEST TP- 1
SWEST TP-RCSOUTH2- 1
RADIO_DR-44TH ST- 1
RADIO_DR-SW_TAP1- 1
AMCOLOID-COLONY- 1
BELLECRK-BUTTEPMP- 1
COLONY-BUTTEPMP- 1
NEWCASTL-WY REFIN- 1
STURGIS-PEDMNT- 1
WY REFIN-S.CRK TP- 1
88 OIL-S.CRK TP- 1
OSAG CTY-BENTON- 1
BENTON-UPTON_C- 1
SW_TAP1-RCSOUTH2- 1
SW_TAP2-RCSOUTH2- 1
RCSOUTH1-RCDC W- 1
CARR DRAW-BARBCK- 1
BARBCK-HARTZOG- 1
HARTZOG-TEKLA- 1
HUGHES-DRYFORK- 1
DRYFORK-DRYFORK- 1
KIRK-MTNVIEW- 1
RICHMHIL-SPFSHCIT- 1
WNDYFLAT-PACTOLA- 1
HILLCITY-CUSTER- 1
STURG_CI-STURGIS- 1
WYODAK-HUGHES- 1
TEKLA-OSAGE- 1
OSAGE-LANGE- 1
YELOWCRK-LANGE- 1
BENFRCH-LANGE- 1
YELOWCRK-BENFRCH- 1
OSAGE-BENFRCH- 1

BHP-SD-EL14-061-000054

APPENDIX C

SIMULATED CONTINGENCIES

CARRDRAW-WYODAK- 1	BR.FAIL WHL 2361
CARRDRAW-BBCRK- 1	BR.FAIL WHL 2364
WYODAK-OSAGE- 1	BR.FAIL WHL 2353
WYODAK-RENO- 1	BR.FAIL WHL 2351
WYODAK-HUGHES- 1	BR.FAIL SRC 23317
WESTHILL-OSAGE- 1	BR.FAIL SRC 23313
WESTHILL-STEGALL- 1	BR.FAIL SRC 23309
WESTHILL-RCSOUTH1- 1	BR.FAIL SRC 23305
OSAGE-YELOWCRK- 1	BR.FAIL LNG 23103/2392
LANGE-LOOKOUT- 1	BR.FAIL LNG 2396/2399
LANGE-RCSOUTH1- 1	BR.FAIL LKO 2378
RENO-TEKLA- 1	BR.FAIL LKO 2375
HARTZOG-TEKLA- 1	BR.FAIL LKO 2381
LOOKOUT-YELOWCRK- 1	BR.FAIL LKO 2372
LOOKOUT-HUGHES- 1	BR.FAIL HGH 23HB2
HUGHES-DRYFORK-1	BR.FAIL HGH 23HB3
ARVADA-DRYFORK-1	BR.FAIL HGH 23HB1
TEKLA-OSAGE-1	BR.FAIL WYD 1H328
OSAGE-LANGE-1	BR.FAIL WYD 1H330
YELOWCRK-LANGE-1	BR.FAIL WYD 1H368
SUNDHILL-LOOKOUT-1	BR.FAIL WYD 1H326
YELOWCRK-BENFRCH-1	BR.FAIL WYD 1H334
OSAGE-BENFRCH-1	BR.FAIL WYD 1H370
BENFRCH-LANGE-1	BR.FAIL WYD 1H332
LANGE 230KV XFMR#1	BR.FAIL WYD 1H346
SOUTH_RC 230KV XFMR	BR.FAIL WYD 1H768
WESTHILL 230KV XFMR	BR.FAIL OSG 23215
YELLOWCREEK 230KV XFMR	BR.FAIL OSG 23203
LOOKOUT 230KV XFMR	BR.FAIL OSG 23207
BEN FRENCH 230KV XFMR	BR.FAIL OSG 23211
WYODAK UNIT	BR.FAIL YWC 2301
BEN FRENCH UNIT	BR.FAIL YWC 2310
WYD 230 BUS	BR.FAIL YWC 2307
SRC 230 BUS	
WHL 230 BUS	
LKO 230 BUS	
LNG 230 BUS	
OSG 230 BUS	
HGH 230 BUS	
YWC 230 BUS	

BHP-SD-EL14-061-000055

APPENDIX D

SUBSTATION ABBREVIATIONS

Sub Name	Code	Sub Name	Code	Sub Name	Code
38th Street	38S	Gilette	GIL	Robbinsdale	RBD
44th Street	44S	Hughes	HGH	Robbinsdale Tap	RBT
4th Street	4ST	Hill City	HLC	Rapid City CT #1	RC1
4th Street Tap	4TP	Hillsview	HLV	Rapid City CT #2	RC2
5th Street	5ST	Hartzog	HTZ	Rapid City CT #3	RC3
5th Street Tap	5TP	Kirk	KRK	Rapid City CT #4	RC4
88 Oil	88O	Lange CT	LCT	South RC	SRC
AM Colloid	AMC	Lange Tap	LGT	RC DC West	RDC
Angostura	ANG	Lookout	LKO	Richmond Hill	RHL
Anamosa	ANM	Lange	LNG	Reno	RNO
Antelope Mine	ANT	Mall	MAL	Salt Creek	SCK
Argyle	ARG	Merillat	MER	Salt Creek Tap	SCT
Ben French 26 kV	B26	Moorcroft	MFT	Sundance Hill	SDH
Ben French Diesel	BFD	Mountain View	MTV	Stegall	SGL
Ben French	BFR	Neil Simpson CT #1	NC1	Spearfish BEC	SPB
Ben French Steam	BFS	Neil Simpson CT #2	NC2	Spearfish City	SPF
Big Ben	BGB	Newcastle Tap	NCT	Spruce Gulch	SPG
Belle Creek	BLC	Neil Simpson #1 Gen	NG1	Salt Creek Tap #2	ST2
Barber Creek	BRB	Neil Simpson #2 Gen	NG2	Sturgis BEC	STB
Bentonites	BTN	North Loop Tap	NLT	Sturgis City	STC
Butte Pump	BTP	Neil Simpson #1	NS1	Sturgis	STG
Buffalo	BUF	Neil Simpson #2	NS2	Tekla	TEK
Carr Draw	CDW	Newcastle	NWC	Trojan	TRJ
Cement Plant	CEM	Osage #1 Gen	OG1	Upton City	UPT
Clinton	CLN	Osage #2 Gen	OG2	Upton Tap	UTP
Cambell	CMB	Osage #3 Gen	OG3	Windy Flats	WFL
Cemetary	CMT	Osage City	OSC	Wygen	WG1
Colony	COL	Osage	OSG	Westhill	WHL
Century Road	CRD	Pactola	PAC	Whitewood	WHT
Cross Street	CRS	Piedmont	PED	Water Plant	WPT
Custer	CUS	Pluma	PLM	Wyo Refinery	WRF
Dave Johnson	DJN	Pluma Tap	PLT	West Boulevard	WST
Dumont	DMT	Pleasant Valley	PLV	Wyodak	WYD
Denver Street	DNV	Pope & Talbot	PPT	Yellow Creek	YWC
Edgemont	EDG	Pringle	PRG	Yellowcake	YWK
East North Street	ENS	Radio Drive	RAD		

BHP-SD-EL14-061-000056

TRANSMISSION SERVICE REQUEST
565 MW CLUSTER RESTUDY

PREPARED ON BEHALF OF THE COMMON USE SYSTEM
BY
BLACK HILLS POWER
TRANSMISSION PLANNING

June 4, 2008

1.0 Executive Summary

Black Hills Power, as the Tariff Administrator of the Joint Tariff, performed a clustered system impact restudy evaluating four queued Point-to-Point and Network Transmission Service Requests totaling 565 MW. The requests were studied under both heavy summer and light winter conditions to determine if the combined TSRs would cause violations, if any, on the power system. TOT 4A/4B studies were not performed as the previous System Impact Study for 765 MW of transfers showed now impact to the published TOT 4A/4B nomogram. The base case was modified to remove the projects identified in the Wyoming Joint Queue Study as these are no longer considered viable.

The clustered requests 565 MW caused a thermal overload on the Wyodak-Osage 230 kV line for a loss of the Hughes-Lookout 230 kV line. This overload is mitigated by constructing a new transmission line connecting the Osage and Teckla 230 kV substations.

Network Integration Transmission Service (NITS) requests which serve load not physically connected to the Common Use System must have capacity allocated to specific scheduling paths to facilitate calculation of Available Transfer Capability. The only NITS request analyzed in this study was request #6 for 205 MW with a POR of Wyodak and a POD of Dave Johnston or Stegall. The 205 MW Network request was allocated between the Wyodak to Stegall and Wyodak to Dave Johnston paths. Specifically, 100 MW was allocated on the Wyodak to Stegall path and 105 MW was allocated on the Wyodak to Dave Johnston path.

2.0 Introduction

Black Hills Power ("Black Hills"), Basin Electric Power Cooperative ("Basin") and Powder River Energy Corporation ("PRECorp") own and operate 230 kV transmission facilities in Wyoming and South Dakota which are governed by a FERC approved Joint Open Access Transmission Tariff ("Joint Tariff") and commonly referred to as the Common Use System ("CUS"). Black Hills Power has been designated as the Tariff Administrator of the Joint Tariff and, as such, is responsible for evaluating and studying all transmission service requests made on the Joint Tariff.

A number of point-to-point and network Transmission Service Requests have been submitted to the CUS with similar Point of Receipt ("POR") and Point of Delivery ("POD") pairs, along with similar requested start dates. These requests were clustered together in a single Transmission Service Request ("TSR") study. The requests represented in this study are shown below:

Request #	Capacity	Request Type	Point of Receipt	Point of Delivery
70108465	130 MW	Point-to-Point	Wyodak	RC West
70422032	25 MW	Point-to-Point	Wyodak	Dave Johnston
71264294	100 MW	Point-to-Point	Wyodak	Dave Johnston
71264295	100 MW	Point-to-Point	Wyodak	Dave Johnston
71365725	205 MW	Network	N/A	Dave Johnston/Stegall
71374841	5 MW	Point-to-Point	Wyodak	Dave Johnston

These requests were studied together to determine the cumulative effect the TSRs would have on the CUS facilities and if they cause any violations.

3.0 Base Case Development

Base cases were prepared for the 2011 timeframe, both heavy summer and light winter. The heavy summer base case was utilized to ensure that the requested transfers could be accommodated under maximum load serving requirements. The light winter scenario was utilized to evaluate the system under maximum transfers and was also used to analyze impacts on the TOT 4A/4B path.

The 2011 heavy summer base case was created by modifying the 2010 base case developed by WAPA for use in the Miracle Mile TOT3 Rated Path studies. The 2010 Western Area Power Administration ("WAPA") case was then updated with forecasted 2011 peak loads requested from WAPA, Black Hills, Basin and PacifiCorp.

The 2011 light winter base case was created from the 2010 Wyoming Joint Queue Study light winter base case. This case was updated with forecasted 2011 light winter loads requested from WAPA, Black Hills, Basin and PacifiCorp.

Both 2011 base cases were updated to include expected transmission system upgrades and generation additions. These included:

- 100 MVAR Lange Voltage Support
- Teckla Dynamic Voltage Support (+/- 32 MVAR)
- Miracle Mile Project
- DJ-Casper-Spence 230 kV loop-in

Present day system operating restrictions require a runback of the Rapid City DC Tie under the studied load and generation levels for a loss of the Wyodak generating unit. Additionally, there are additional operating restrictions at load and generation levels below those modeled in this study for single contingencies. The planned Rapid City voltage support is expected to reduce or remove many of these single contingency restrictions.

Currently, the CUS network load and firm transfers are greater than the local generating resources. Therefore, power is currently imported into the CUS footprint. To eliminate any net positive system effects caused by combining these imports with the TSRs, additional unplanned local generating resources were added to the base case. This allowed the TSRs to be analyzed under a worst-case scenario of no imports into the CUS.

It is important to understand that should the additional modeled resources not materialize, the impacts on the overall system of the TSRs will be reduced due to the netting effect any imports into the CUS would have on exports out of the CUS.

4.0 Study Approach

2011 Heavy Summer/Light Winter

To establish any pre-existing criteria violations, the base case was simulated with all forced outages. Once a base solution had been determined the TSRs were simulated simultaneously to determine the cumulative impact of the requests.

The TSRs were simulated with PORs in the Wyodak area and PODs south of TOT3. The TSR PORs were chosen based upon expected resource locations. The study PODs were determined based upon the TSR PODs along with matching TSRs in neighboring Transmission Provider queues.

Two sensitivity scenarios were simulated in the restudy:

- Replacement the DJ-Casper-Spence 230 kV loop-in with the current system configuration
- Pumpkin Buttes-DJ Double Circiut

TOT 4A/4B

TOT 4A/4B analysis was not conducted in the restudy as the original study with higher transfers showed no impacts on the current nomogram.

5.0 Steady State Evaluation Criteria

System Intact and Prior Outage (N-0 and N-1) Criteria

All bus voltages are within 0.95 and 1.05 p.u. and all transformer and transmission lines are below 100% of their continuous rating. Transformer taps and switched shunts were allowed to operate.

Forced Outages (N-1-1 and N-2) Criteria

All bus voltages are within 0.90 and 1.1 p.u. and all transformer and transmission lines are below 100% of their continuous or emergency rating. Most of PacifiCorp transmission lines in Eastern Wyoming have an emergency rating equal to 123% of their continuous rating. Other lines were allowed to load to their emergency ratings. All regulating devices with the exception of DC taps were locked.

6.0 Powerflow Results

2011 Heavy Summer

BASE CASE

Pre-transfers:
A two percent post-contingent overload occurred on the Stegall 100 MVA 230/115 kV transformer for loss of the Stegall 167 MVA 230/115 kV transformer. The pre-contingent loading on the 100 MVA transformer was less than 70 percent, therefore a 120% short-time rating is allowed on the transformer per the WAPA facility rating methodology. Should the post-contingent loading on the Stegall 100 MVA 230/115 kV transformer exceed 100 percent, communication with WAPA will be required to coordinate procedures to relieve loading on the transformer.

Post-transfers:
There are no system intact criteria violations. Post-contingent criteria violations are shown below:

Contingency	Overloaded Facility	Facility Loading
Wyodak-Osage 230 kV	Lookout-Hughes 230 kV	102.9%
Lookout-Hughes 230 kV	Wyodak-Osage 230 kV	108.5%

The Lookout-Hughes 230 kV line contingency causes a thermal overload on the Wyodak-Osage 230 kV line. This violation can be mitigated through additional transmission facilities which would electrically parallel the Wyodak-Osage 230 kV line. A new 60 mile 230 kV line was modeled between the Teckla and Osage 230 kV substations. This added facility effectively mitigated the overload.

CURRENT DAVE JOHNSTON-SPENCE 230 KV LINE CONFIGURATION
The current Dave Johnston-Spence 230 kV line configuration sensitivity resulted in system performance equal to that of the base case scenario for both pre- and post-transfer conditions.

PUMPKIN BUTTES-DAVE JOHNSTON DOUBLE CIRCUIT
The Pumpkin Buttes-Dave Johnston 230 kV double circuit sensitivity resulted in system performance slightly better than that of the base case scenario described above for both pre-transfer and post-transfer conditions. However, the post-contingent criteria violations with the full transfers remained. Therefore, the mitigation options outlined in the base case scenario are required for this scenario.

2011 Light Winter

BASE CASE
The 2011 light winter pre-transfer case did not show any system intact or prior outage criteria violations. There were no criteria violations with the full 565 MWs of requests simulated.

CURRENT DAVE JOHNSTON-SPENCE 230 KV LINE CONFIGURATION
The current Dave Johnston-Spence 230 kV line configuration sensitivity did not result in any criteria violations for all transfer levels.

PUMPKIN BUTTES-DAVE JOHNSTON DOUBLE CIRCUIT

The Pumpkin Buttes-Dave Johnston 230 kV double circuit sensitivity did not result in any criteria violations for all transfer levels.

7.0 Transmission Addition Costs

A new 60-mile transmission line between the Teckla and Osage 230 kV substations has been identified as a solution to mitigate thermal overloads. It is estimated that the 230 kV transmission line project cost will be approximately $19 million. The actual transmission line cost will be approximately $18 million with an additional $1 million for substation equipment at Teckla and expansion at the Osage substation. A Facilities Study will provide a more detailed cost estimate and will outline substation equipment and expansion needs.

8.0 NITS Capacity Allocation

The Network Integration Transmission Service requests which serve load not physically connected to the Common Use System must have capacity allocated to specific scheduling paths to facilitate calculation of Available Transfer Capability. The only NITS request analyzed in this study was the 205 MW request which was allocated between the Wyodak to Stegall and Wyodak to Dave Johnston paths. Specifically, 100 MW was allocated on the Wyodak to Stegall path and 105 MW was allocated on the Wyodak to Dave Johnston path.

9.0 Conclusion

Based on the above study analysis, the full 565 MWs of Transmission Service Requests can be accommodated by the Common Use System with the addition of a transmission line between the Teckla and Osage 230 kV substations.

APPENDIX A
POWER FLOW RESULTS

HEAVY SUMMER
BASE CONFIGURATION

NC;DJ-CSP UPGRADE;NC;

STATUS	VIOLATED ELEMENT	PU
OUTAGES:		
22_1A1 OUTAGE: STEGALL 115 -STEGALL 230	STEGALL 115-STEGALL 230	102.1 % OF 100.0 MVA RATING

565 MW;DJ-CSP UPGRADE;NC;

STATUS	VIOLATED ELEMENT	PU
OUTAGES:		
78_5A1 OUTAGE: WYODAK 230 -OSAGE 230	LOOKOUT1 230-HUGHES 230	102.9 % OF 421.0 MVA RATING
101_5A1 OUTAGE: LOOKOUT1 230 -HUGHES 230	WYODAK 230-OSAGE 230	108.5 % OF 421.0 MVA RATING

BASE CONFIGURATION WITH TECKLA-OSAGE 230 KV LINE

565 MW;DJ-CSP UPGRADE;TEK-OSG;

STATUS	VIOLATED ELEMENT	PU
OUTAGES:		

NO DAVE JOHNSTON-CASPER UPGRADES

NC;DJ-CSP CURRENT;NC;

STATUS	VIOLATED ELEMENT	PU
OUTAGES:		
22_1B1 OUTAGE: STEGALL 115 -STEGALL 230	STEGALL 115-STEGALL 230	102.0 % OF 100.0 MVA RATING

565 MW;DJ-CSP CURRENT;NC;

STATUS	VIOLATED ELEMENT	PU
OUTAGES:		
78_5B1 OUTAGE: WYODAK 230 -OSAGE 230	LOOKOUT1 230-HUGHES 230	103.0 % OF 421.0 MVA RATING
101_5B1 OUTAGE: LOOKOUT1 230 -HUGHES 230	WYODAK 230-OSAGE 230	108.5 % OF 421.0 MVA RATING

565 MW;DJ-CSP CURRENT;TEK-OSG;

STATUS	VIOLATED ELEMENT	PU
OUTAGES:		

PUMPKIN BUTTES-DAVE JOHNSTON DOUBLE CIRCUIT

NC;DJ-CSP UPGRADE;PB-DJ DOUBLE;

STATUS	VIOLATED ELEMENT	PU

OUTAGES:

22_1A2 OUTAGE: STEGALL 115 -STEGALL 230 | STEGALL 115-STEGALL 230 | 101.8 % OF 100.0 MVA RATING

565 MW;DJ-CSP UPGRADE;PB-DJ DOUBLE;

STATUS	VIOLATED ELEMENT	PU

OUTAGES:

78_5A2 OUTAGE: WYODAK 230 -OSAGE 230 | LOOKOUT1 230-HUGHES 230 | 100.5 % OF 421.0 MVA RATING

101_5A2 OUTAGE: LOOKOUT1 230 -HUGHES 230 | WYODAK 230-OSAGE 230 | 106.0 % OF 421.0 MVA RATING

PUMPKIN BUTTES-DAVE JOHNSTON DOUBLE CIRCUIT WITH TECKLA-OSAGE 230 KV LINE

565 MW;DJ-CSP UPGRADE;PB-DJ DOUBLE;TEK-OSG;

STATUS	VIOLATED ELEMENT	PU

OUTAGES:

LIGHT WINTER
BASE CONFIGURATION

NC;DJ-CSP UPGRADE;NC;

STATUS	VIOLATED ELEMENT	PU

OUTAGES:

565 MW;DJ-CSP UPGRADE;NC;

STATUS	VIOLATED ELEMENT	PU

OUTAGES:

NO DAVE JOHNSTON-CASPER UPGRADES

NC;DJ-CSP CURRENT;NC;

STATUS	VIOLATED ELEMENT	PU

OUTAGES:

565 MW;DJ-CSP CURRENT;NC;

STATUS	VIOLATED ELEMENT	PU

OUTAGES:

PUMPKIN BUTTES-DAVE JOHNSTON DOUBLE CIRCUIT

NC;DJ-CSP UPGRADE;PB-DJ DOUBLE;

STATUS	VIOLATED ELEMENT	PU

OUTAGES:

565 MW;DJ-CSP UPGRADE;PB-DJ DOUBLE;

STATUS	VIOLATED ELEMENT	PU

OUTAGES:

BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 22, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 5:

The maps included in Appendix A are low resolution and difficult to read. Please provide each map at a scale and resolution similar to those provided by the Applicant in Docket EL13-028. (Exhibit 2 to the Application is a good example - http://puc.sd.gov/commission/dockets/electric/2013/EL13-028/exhibit2.pdf).

Response to SDPUC Request No. 5:

Please see Attachments 5.1, 5.2, 6.1, 6.2, 8.1, 8.2, 13, and 18 for updated maps. Please also see Attachment 5.3 for the map that was shared at the August 25th public input meeting

Attachments: Attachment 5.1 – Geologic Map of Central Black Hills
Attachment 5.2 – Existing Transportation System
Attachment 5.3 –Lange to Osage – South Dakota
Attachment 6.1 – General Site Location
Attachment 6.2 – Existing Roads
Attachment 8.1 – Geologic Map Units
Attachment 8.2 – Physical Environment
Attachment 13 – Surface Water
Attachment 18 – Existing Land Use

Figure 2 - Geologic Map of the Central Black Hills

Attachment 5.2

Figure 10 - Existing Transportation System
230 kV Transmission Project

BHP-SD-EL14-061-000556

Lawrence County
Pennington County
Pennington County
Custer County
WYOMING
SOUTH DAKOTA

Lange Substation
Rapid City
Pactola Reservoir
Pactola Substation
Deerfield Lake
Old Clinton Substation
Sheridan Lake
Hill City
Custer State Park
Custer

385
90
16
79

Legend

Project Components
- Substations
- Proposed Centerline

Surface Waters
- Lakes and Reservoirs
- Streams

Jurisdiction
- Black Hills National Forest
- Private
- County Boundaries

Transportation
Roads
- Other Public Interstate
- Other Public Roads
- Other Public State
- Road Open to All
- Road Open to Highway Legal Only
- Road Open to All Seasonal
- Road Open to Highway Legal Seasonal

Misc
- Airports
- Railroad

Motorized Trails
- Trail Motorcycle
- Trail Open to All
- Trail 62 inch South Dakota
- Trail 62 inch South Dakota Seasonal
- Trail Motorcycle Seasonal
- Trail Open to All Seasonal
- Motorized Trailheads

0 2.5 5 10
Miles

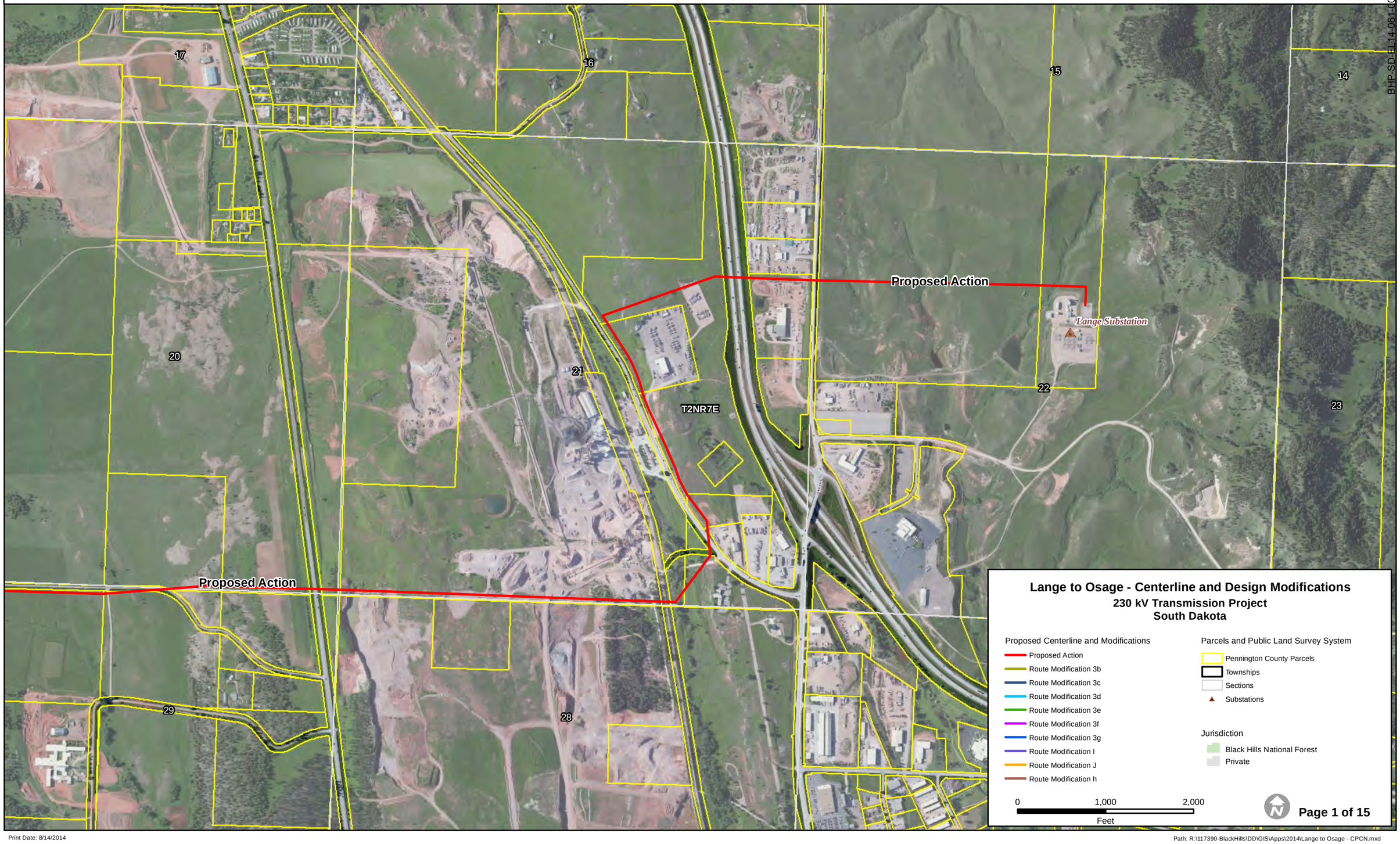
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Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\Figure 10 - Existing Transportation System.mxd

Attachment 5.3

Black Hills Power, Inc.
Lange Substation to Osage Substation
230 kV Transmission Line

BHP-SD-EL14-061-000557



Lange to Osage - Centerline and Design Modifications
230 kV Transmission Project
South Dakota

Proposed Centerline and Modifications
- Proposed Action
- Route Modification 3b
- Route Modification 3c
- Route Modification 3d
- Route Modification 3e
- Route Modification 3f
- Route Modification 3g
- Route Modification I
- Route Modification J
- Route Modification h

Parcels and Public Land Survey System
- Pennington County Parcels
- Townships
- Sections
- Substations

Jurisdiction
- Black Hills National Forest
- Private

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Feet

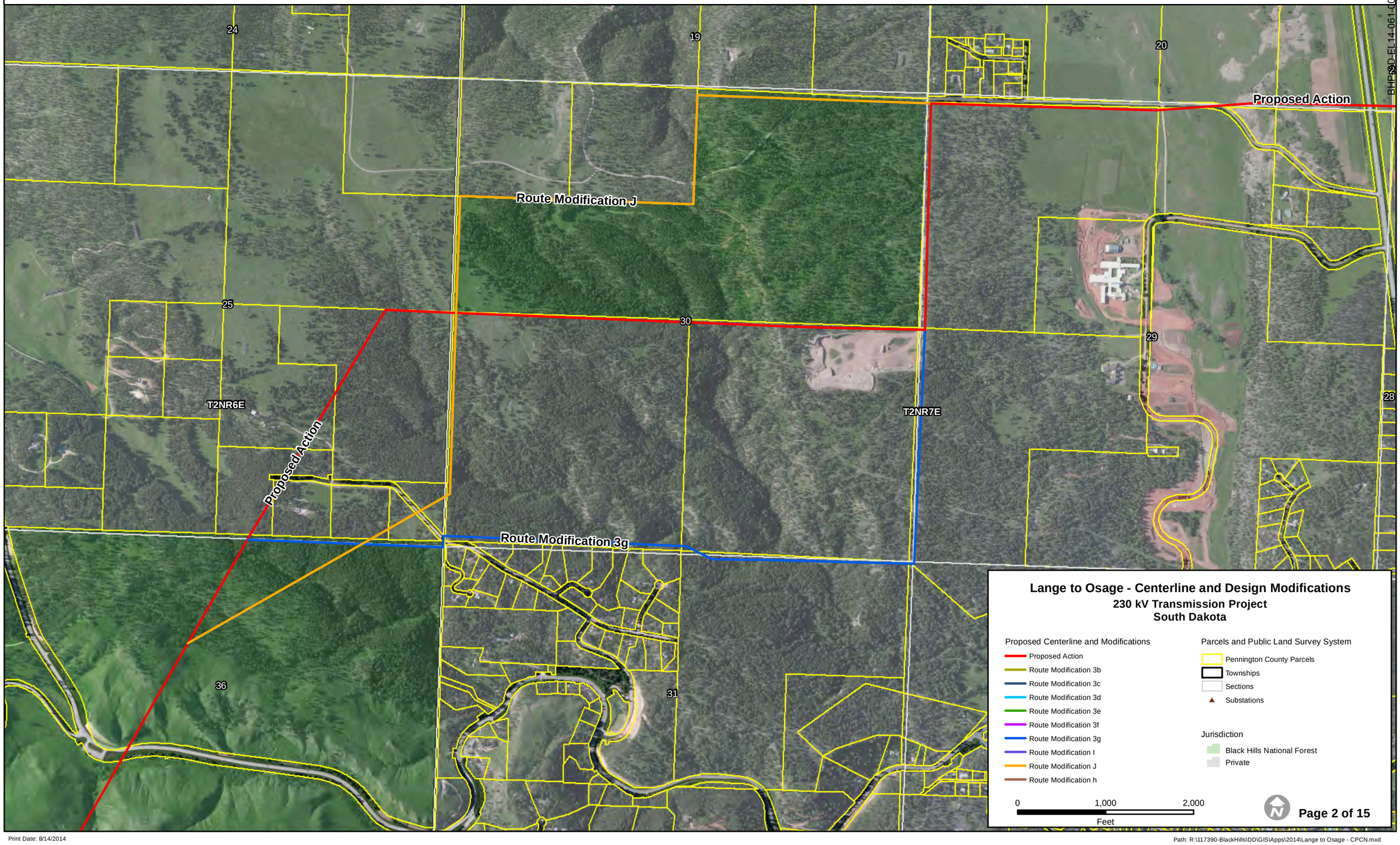
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Attachment 5.3

Black Hills Power, Inc.
Lange Substation to Osage Substation
230 kV Transmission Line

BHP-SD-EL14-061-00558



Lange to Osage - Centerline and Design Modifications
230 kV Transmission Project
South Dakota

Proposed Centerline and Modifications
- Proposed Action
- Route Modification 3b
- Route Modification 3c
- Route Modification 3d
- Route Modification 3e
- Route Modification 3f
- Route Modification 3g
- Route Modification I
- Route Modification J
- Route Modification h

Parcels and Public Land Survey System
- Pennington County Parcels
- Townships
- Sections
- Substations

Jurisdiction
- Black Hills National Forest
- Private

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Feet

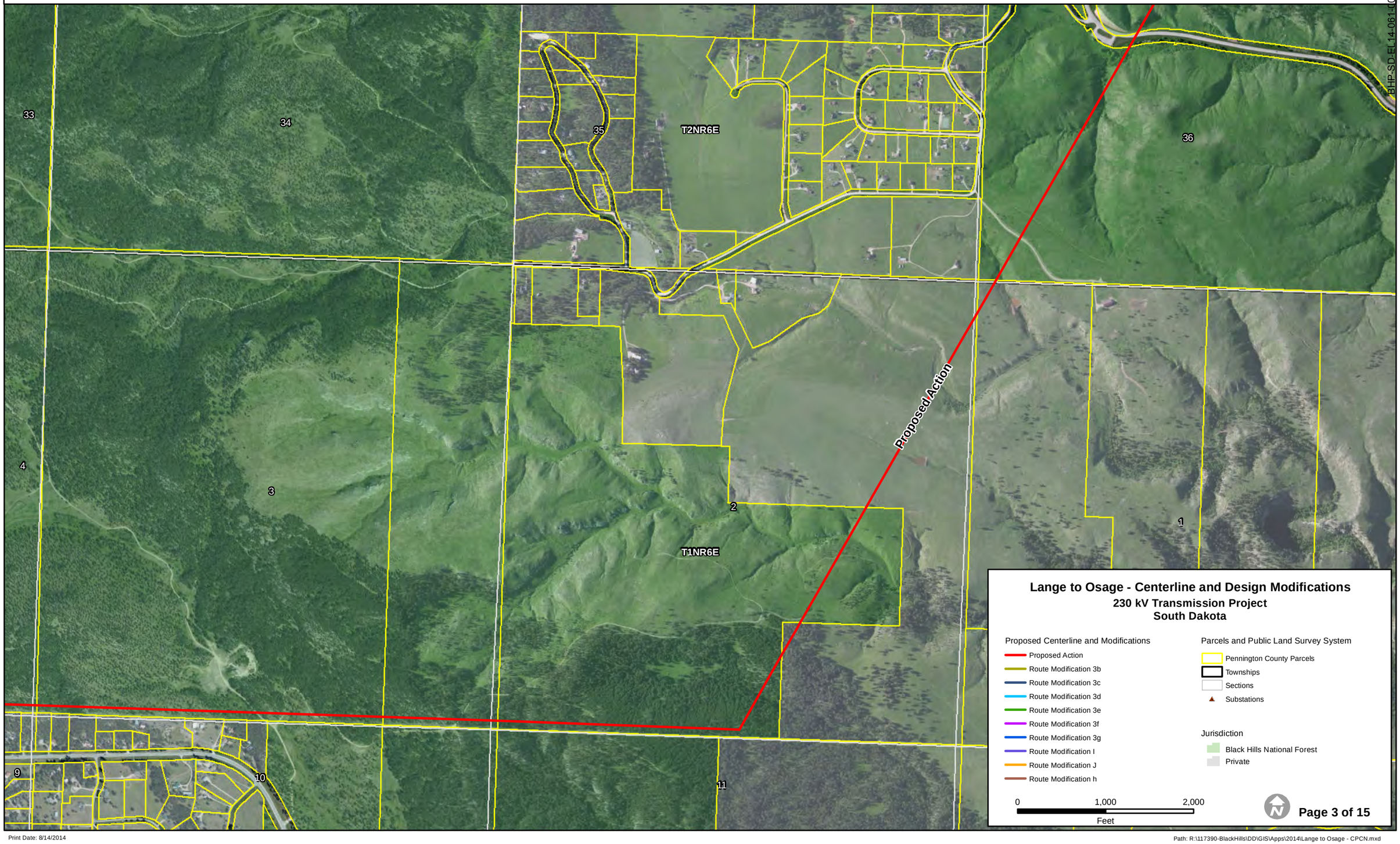
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Attachment 5.3

Black Hills Power, Inc.
Lange Substation to Osage Substation
230 kV Transmission Line

BHP-SD-EL-14-061-00559



Lange to Osage - Centerline and Design Modifications
230 kV Transmission Project
South Dakota

Proposed Centerline and Modifications
- Proposed Action
- Route Modification 3b
- Route Modification 3c
- Route Modification 3d
- Route Modification 3e
- Route Modification 3f
- Route Modification 3g
- Route Modification I
- Route Modification J
- Route Modification h

Parcels and Public Land Survey System
- Pennington County Parcels
- Townships
- Sections
- Substations

Jurisdiction
- Black Hills National Forest
- Private

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Feet

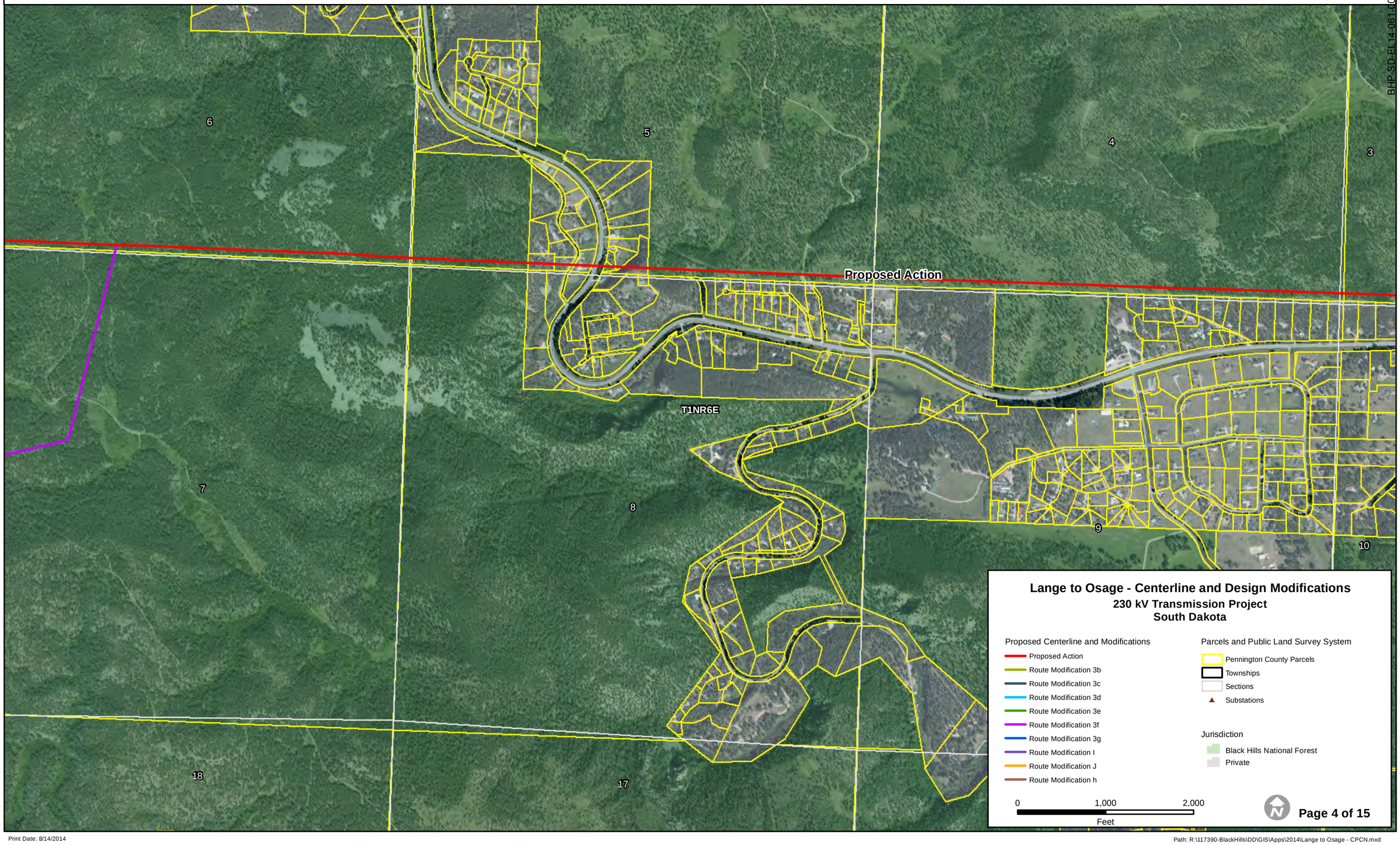
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Attachment 5.3

Black Hills Power, Inc.
Lange Substation to Osage Substation
230 kV Transmission Line

BHP-SD-EL14-001-000560



Lange to Osage - Centerline and Design Modifications
230 kV Transmission Project
South Dakota

Proposed Centerline and Modifications
- Proposed Action
- Route Modification 3b
- Route Modification 3c
- Route Modification 3d
- Route Modification 3e
- Route Modification 3f
- Route Modification 3g
- Route Modification I
- Route Modification J
- Route Modification h

Parcels and Public Land Survey System
- Pennington County Parcels
- Townships
- Sections
- Substations

Jurisdiction
- Black Hills National Forest
- Private

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Feet

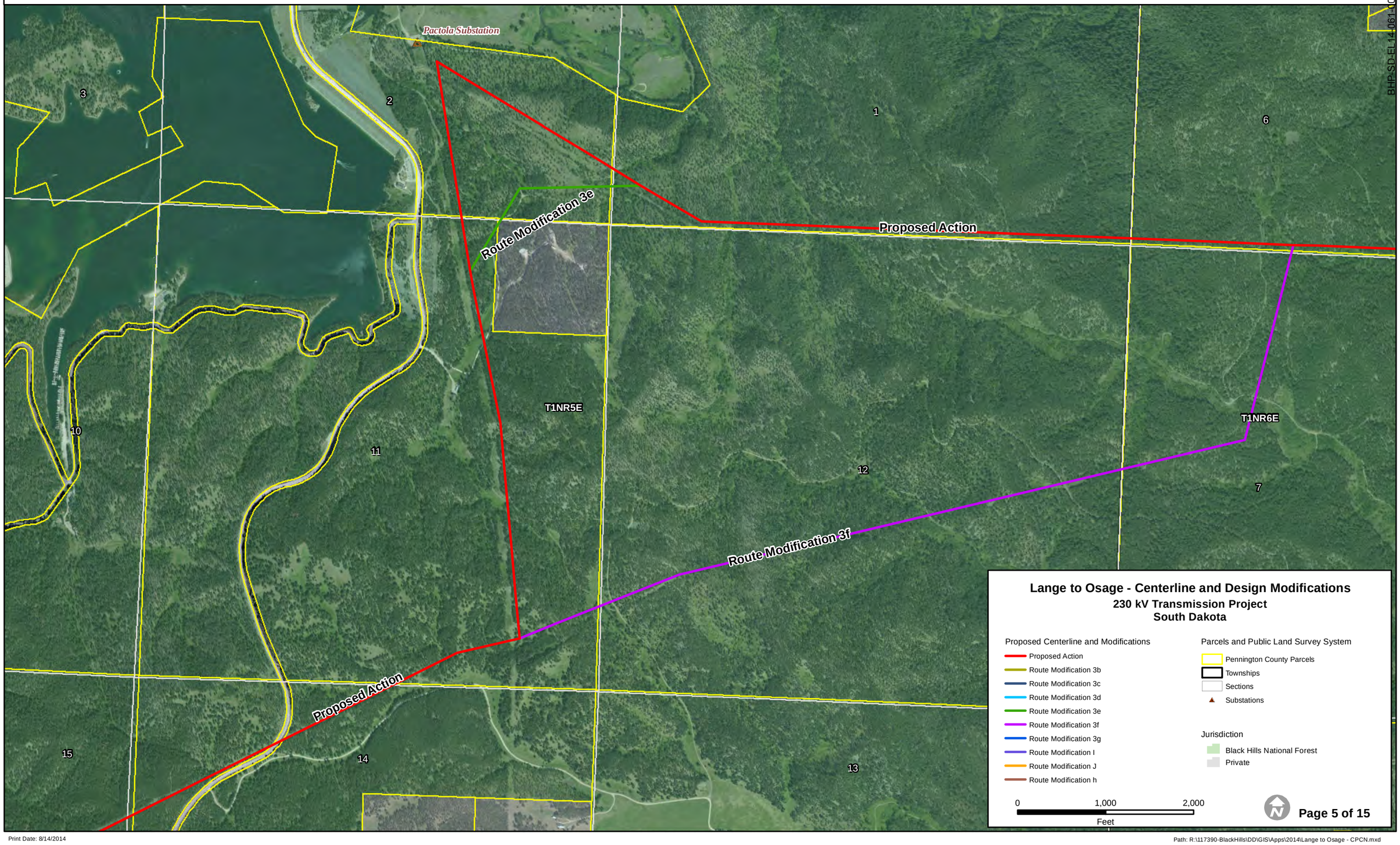
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Attachment 5.3

Black Hills Power, Inc.
Lange Substation to Osage Substation
230 kV Transmission Line

BHP-SD-EL14-061-100561



Lange to Osage - Centerline and Design Modifications
230 kV Transmission Project
South Dakota

Proposed Centerline and Modifications
- Proposed Action
- Route Modification 3b
- Route Modification 3c
- Route Modification 3d
- Route Modification 3e
- Route Modification 3f
- Route Modification 3g
- Route Modification I
- Route Modification J
- Route Modification h

Parcels and Public Land Survey System
- Pennington County Parcels
- Townships
- Sections
- Substations

Jurisdiction
- Black Hills National Forest
- Private

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Feet

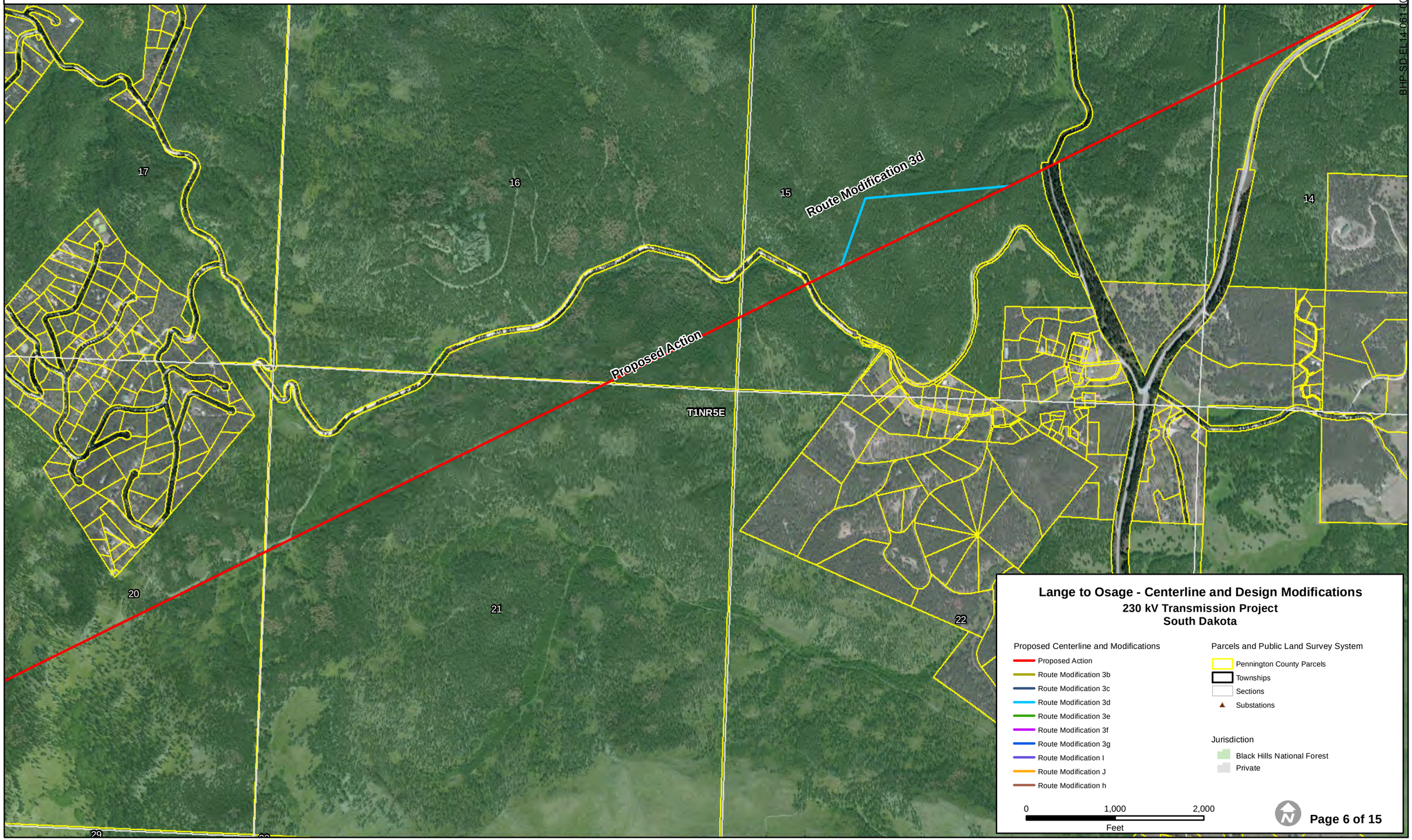
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Attachment 5.3

Black Hills Power, Inc.
Lange Substation to Osage Substation
230 kV Transmission Line

BHP-SDEL14-061-00562



Lange to Osage - Centerline and Design Modifications
230 kV Transmission Project
South Dakota

Proposed Centerline and Modifications
- Proposed Action
- Route Modification 3b
- Route Modification 3c
- Route Modification 3d
- Route Modification 3e
- Route Modification 3f
- Route Modification 3g
- Route Modification I
- Route Modification J
- Route Modification h

Parcels and Public Land Survey System
- Pennington County Parcels
- Townships
- Sections
- Substations

Jurisdiction
- Black Hills National Forest
- Private

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Feet

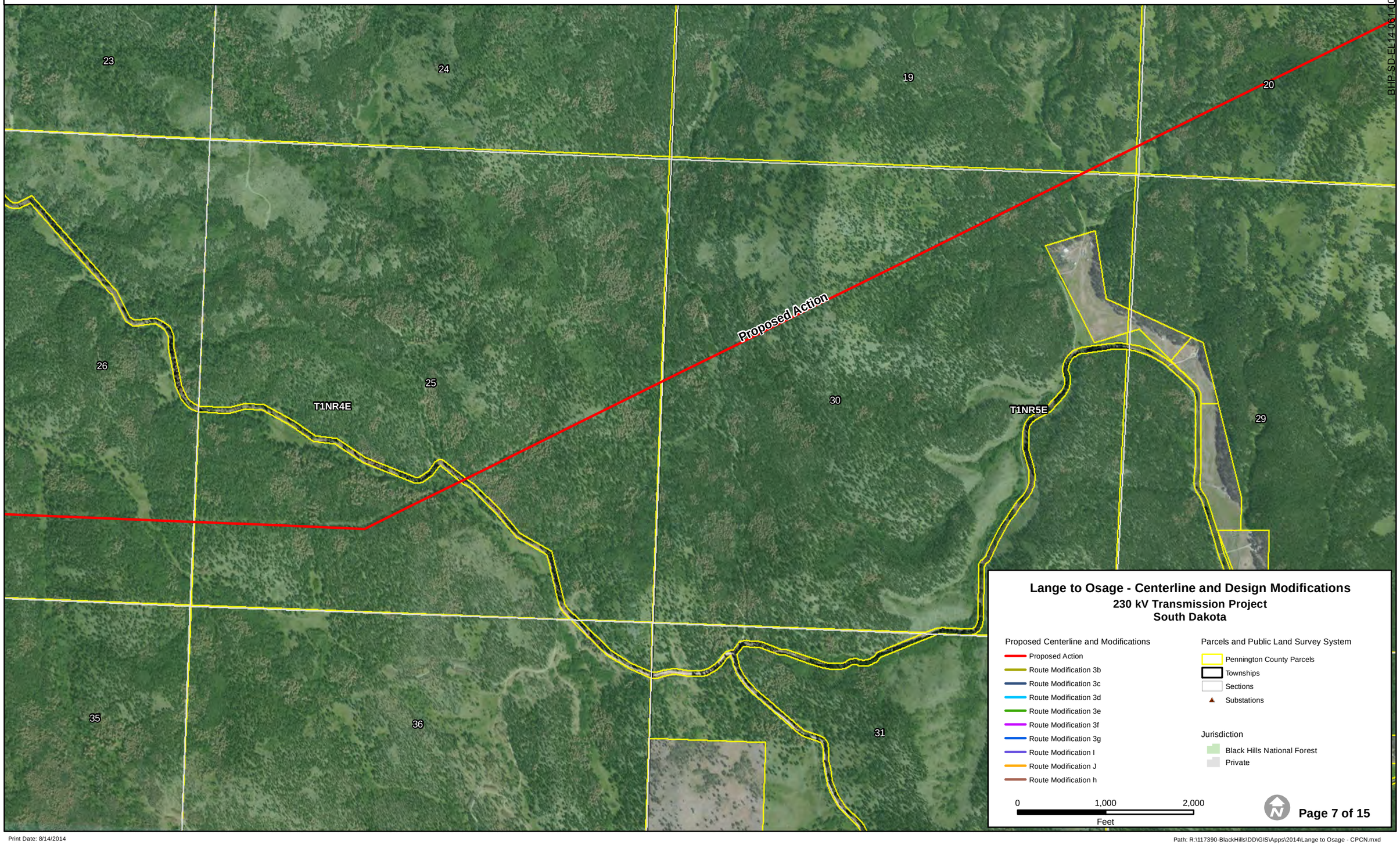
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Attachment 5.3

Black Hills Power, Inc.
Lange Substation to Osage Substation
230 kV Transmission Line

BHP-SD-EL-14-061-00563



Lange to Osage - Centerline and Design Modifications
230 kV Transmission Project
South Dakota

Proposed Centerline and Modifications
- Proposed Action
- Route Modification 3b
- Route Modification 3c
- Route Modification 3d
- Route Modification 3e
- Route Modification 3f
- Route Modification 3g
- Route Modification I
- Route Modification J
- Route Modification h

Parcels and Public Land Survey System
- Pennington County Parcels
- Townships
- Sections
- Substations

Jurisdiction
- Black Hills National Forest
- Private

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Feet

Print Date: 8/14/2014

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Attachment 5.3

Black Hills Power, Inc.
Lange Substation to Osage Substation
230 kV Transmission Line

BHP-SD-24-061-00564

29 28 27 26

Proposed Action

T1NR4E

32 33 34

5 4 T1SR4E 3

Lange to Osage - Centerline and Design Modifications
230 kV Transmission Project
South Dakota

Proposed Centerline and Modifications
- Proposed Action
- Route Modification 3b
- Route Modification 3c
- Route Modification 3d
- Route Modification 3e
- Route Modification 3f
- Route Modification 3g
- Route Modification I
- Route Modification J
- Route Modification h

Parcels and Public Land Survey System
- Pennington County Parcels
- Townships
- Sections
- Substations

Jurisdiction
- Black Hills National Forest
- Private

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Feet

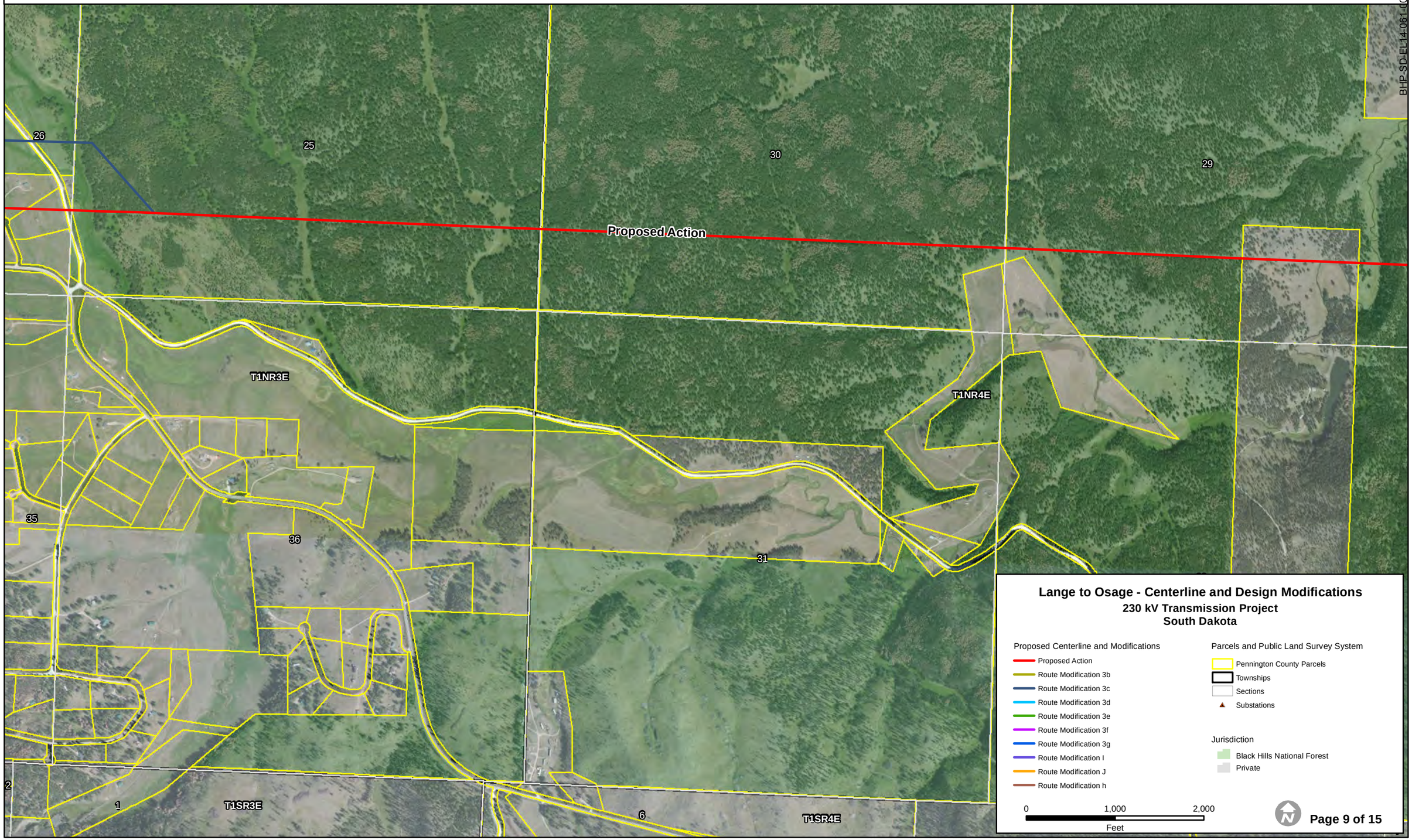
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Attachment 5.3

Black Hills Power, Inc.
Lange Substation to Osage Substation
230 kV Transmission Line

BHP-SD-EL-14-061-000565



Lange to Osage - Centerline and Design Modifications
230 kV Transmission Project
South Dakota

Proposed Centerline and Modifications
- Proposed Action
- Route Modification 3b
- Route Modification 3c
- Route Modification 3d
- Route Modification 3e
- Route Modification 3f
- Route Modification 3g
- Route Modification I
- Route Modification J
- Route Modification h

Parcels and Public Land Survey System
- Pennington County Parcels
- Townships
- Sections
- Substations

Jurisdiction
- Black Hills National Forest
- Private

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Feet

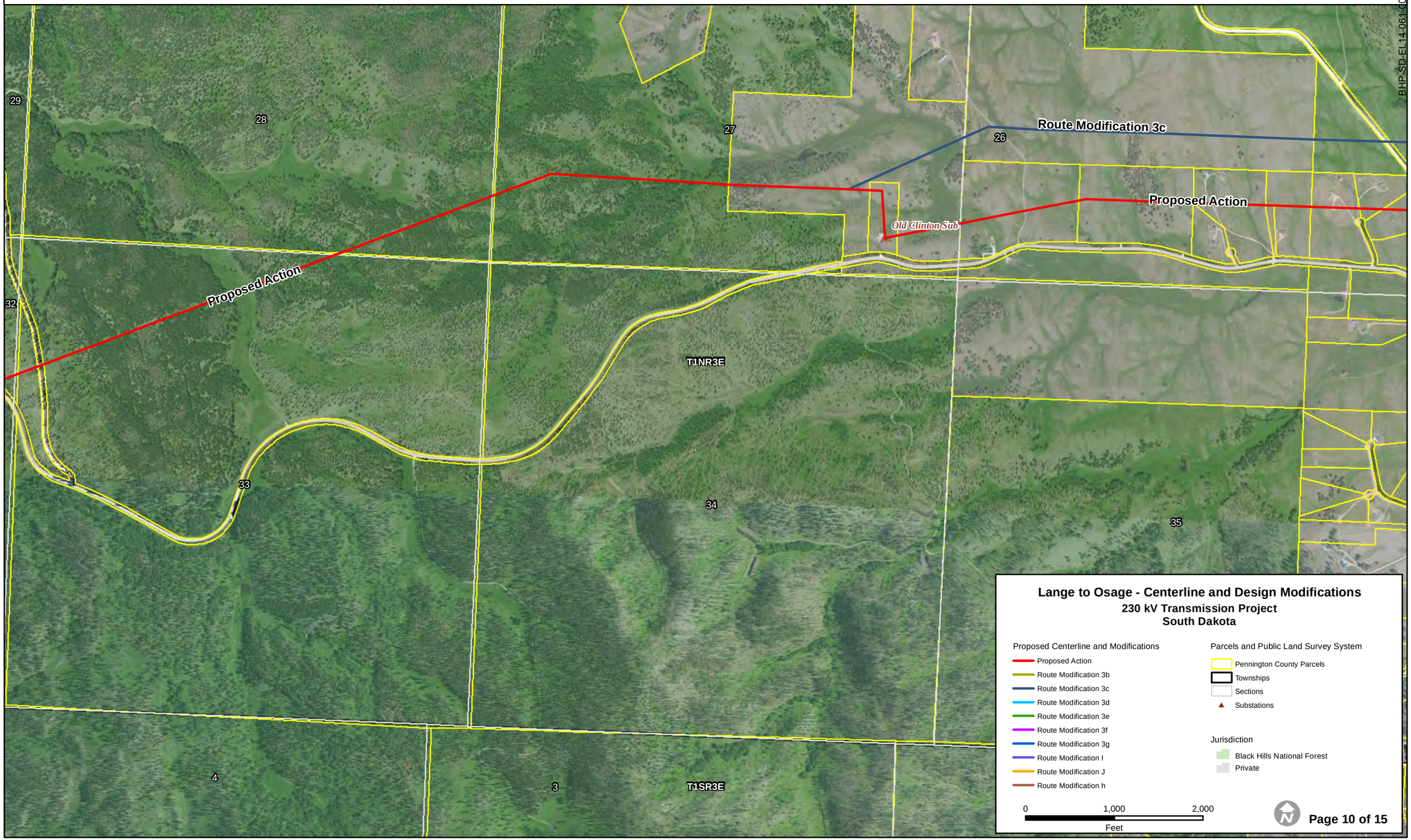
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Attachment 5.3

Black Hills Power, Inc.
Lange Substation to Osage Substation
230 kV Transmission Line

BHP-SD-EL14-061-000566



Lange to Osage - Centerline and Design Modifications
230 kV Transmission Project
South Dakota

Proposed Centerline and Modifications
- Proposed Action
- Route Modification 3b
- Route Modification 3c
- Route Modification 3d
- Route Modification 3e
- Route Modification 3f
- Route Modification 3g
- Route Modification I
- Route Modification J
- Route Modification h

Parcels and Public Land Survey System
- Pennington County Parcels
- Townships
- Sections
- Substations

Jurisdiction
- Black Hills National Forest
- Private

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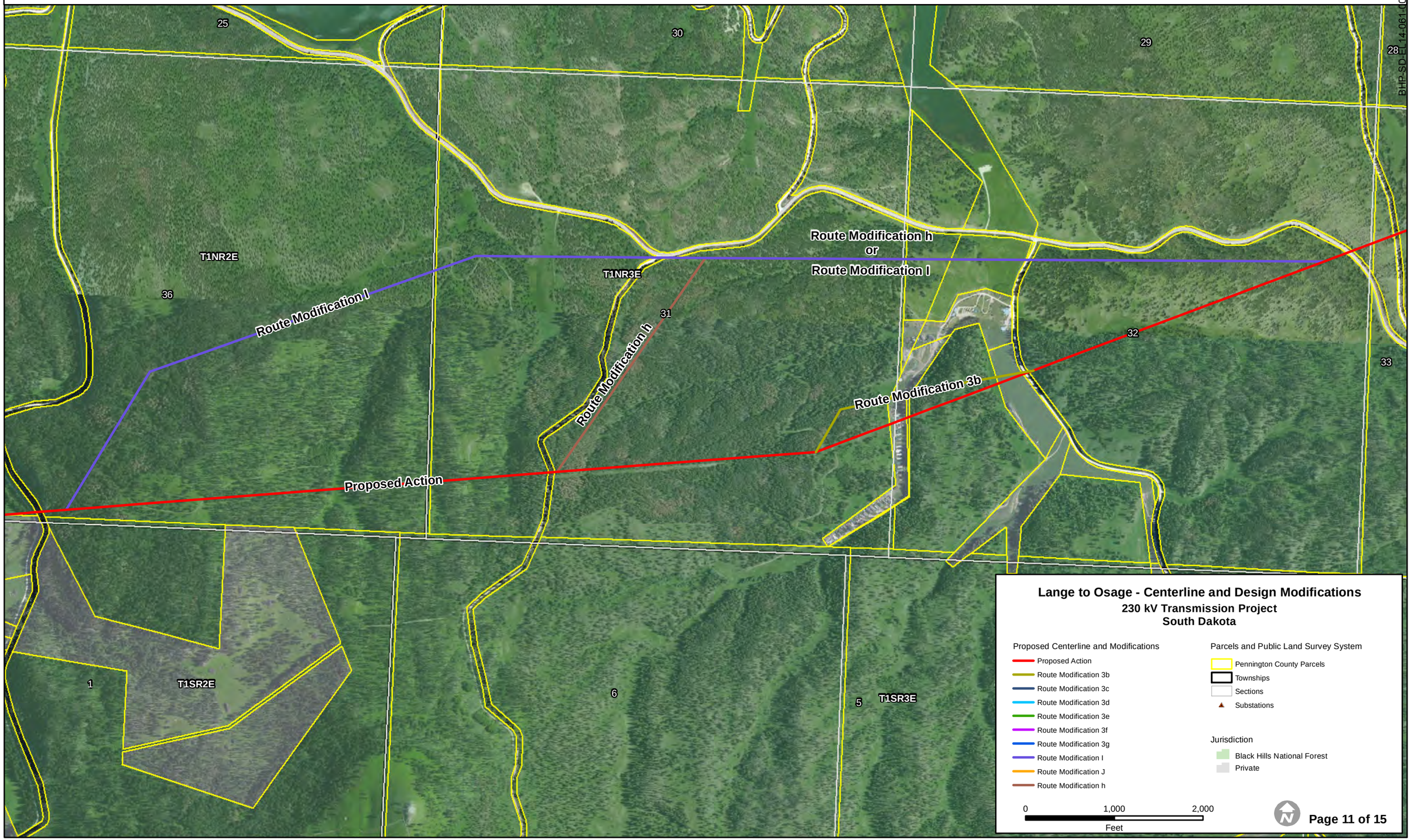
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Attachment 5.3

Black Hills Power, Inc.
Lange Substation to Osage Substation
230 kV Transmission Line

BHP-SD-EL-14-061-00567



Lange to Osage - Centerline and Design Modifications
230 kV Transmission Project
South Dakota

Proposed Centerline and Modifications
- Proposed Action
- Route Modification 3b
- Route Modification 3c
- Route Modification 3d
- Route Modification 3e
- Route Modification 3f
- Route Modification 3g
- Route Modification I
- Route Modification J
- Route Modification h

Parcels and Public Land Survey System
- Pennington County Parcels
- Townships
- Sections
- Substations

Jurisdiction
- Black Hills National Forest
- Private

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Feet

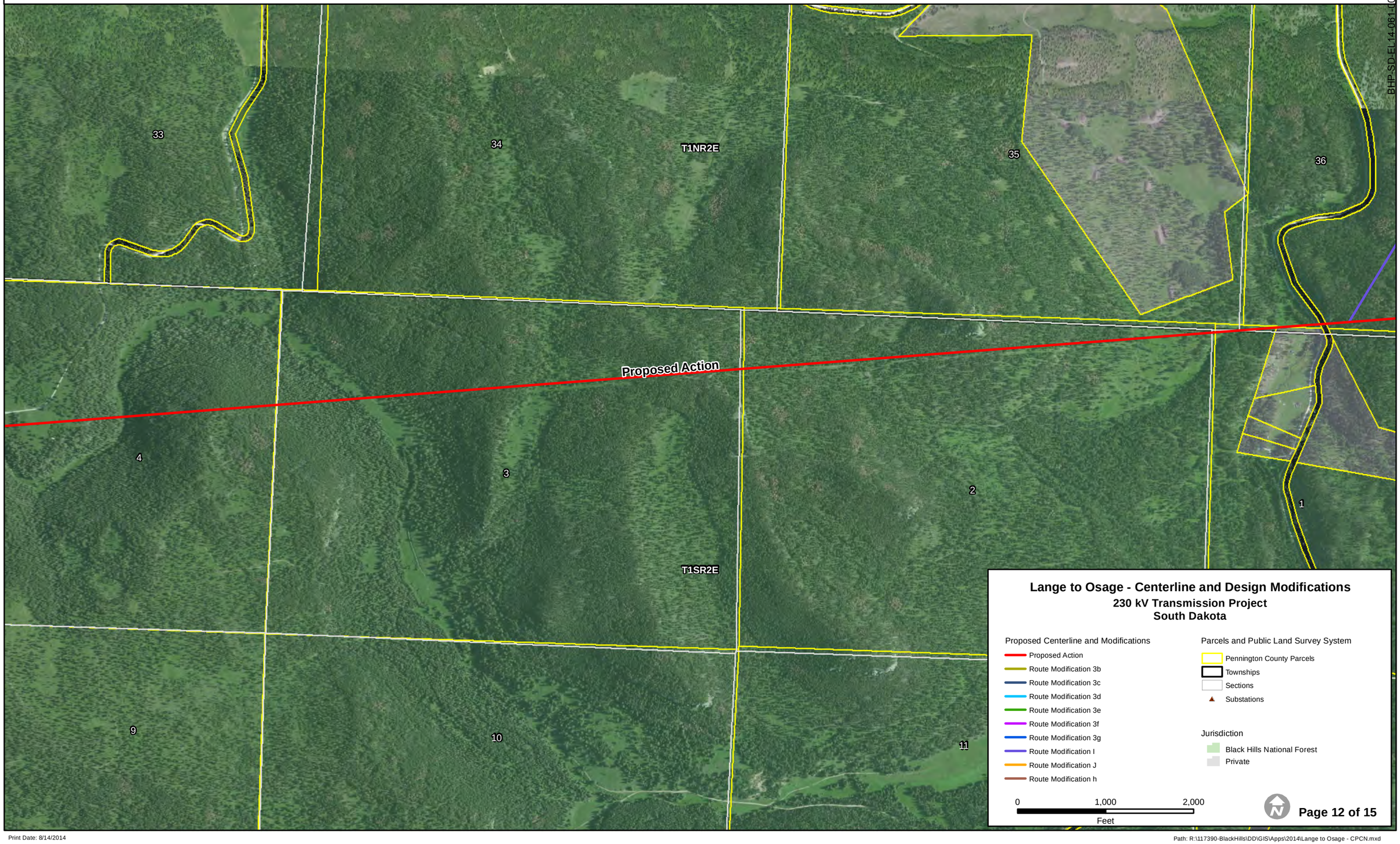
Print Date: 8/14/2014

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Attachment 5.3

Black Hills Power, Inc.
Lange Substation to Osage Substation
230 kV Transmission Line

BHP-SD-EL14-061-00568



Lange to Osage - Centerline and Design Modifications
230 kV Transmission Project
South Dakota

Proposed Centerline and Modifications
- Proposed Action
- Route Modification 3b
- Route Modification 3c
- Route Modification 3d
- Route Modification 3e
- Route Modification 3f
- Route Modification 3g
- Route Modification I
- Route Modification J
- Route Modification h

Parcels and Public Land Survey System
- Pennington County Parcels
- Townships
- Sections
- Substations

Jurisdiction
- Black Hills National Forest
- Private

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Feet

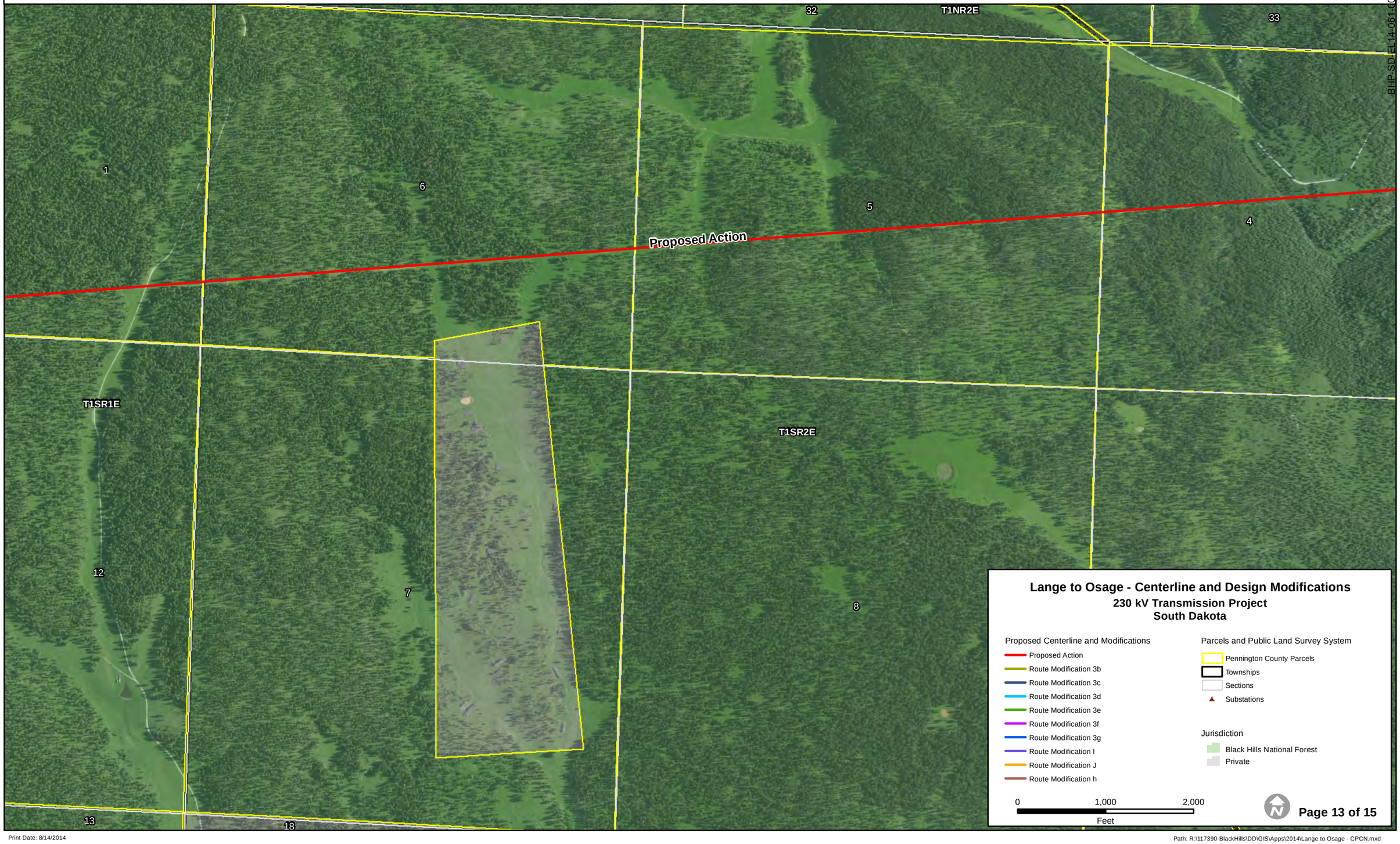
Print Date: 8/14/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\Lange to Osage - CPCN.mxd

Attachment 5.3

Black Hills Power, Inc.
Lange Substation to Osage Substation
230 kV Transmission Line

BHP-SDEL14-061-00569



Lange to Osage - Centerline and Design Modifications
230 kV Transmission Project
South Dakota

Proposed Centerline and Modifications
- Proposed Action
- Route Modification 3b
- Route Modification 3c
- Route Modification 3d
- Route Modification 3e
- Route Modification 3f
- Route Modification 3g
- Route Modification I
- Route Modification J
- Route Modification h

Parcels and Public Land Survey System
- Pennington County Parcels
- Townships
- Sections
- Substations

Jurisdiction
- Black Hills National Forest
- Private

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Feet

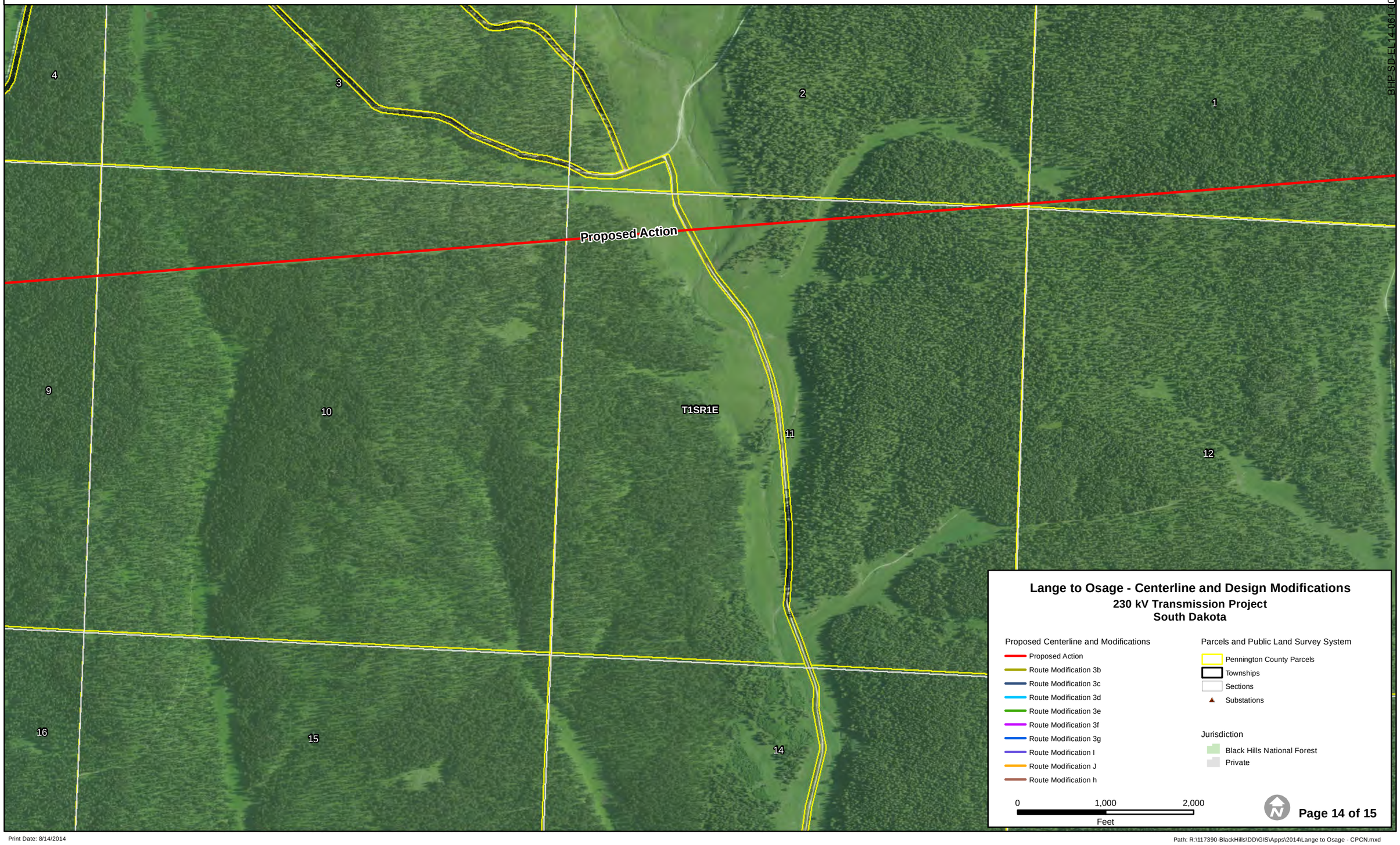
Print Date: 8/14/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\Lange to Osage - CPCN.mxd

Attachment 5.3

Black Hills Power, Inc.
Lange Substation to Osage Substation
230 kV Transmission Line

BHP-SD-EL14-061-00570



Lange to Osage - Centerline and Design Modifications
230 kV Transmission Project
South Dakota

Proposed Centerline and Modifications
- Proposed Action
- Route Modification 3b
- Route Modification 3c
- Route Modification 3d
- Route Modification 3e
- Route Modification 3f
- Route Modification 3g
- Route Modification I
- Route Modification J
- Route Modification h

Parcels and Public Land Survey System
- Pennington County Parcels
- Townships
- Sections
- Substations

Jurisdiction
- Black Hills National Forest
- Private

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Feet

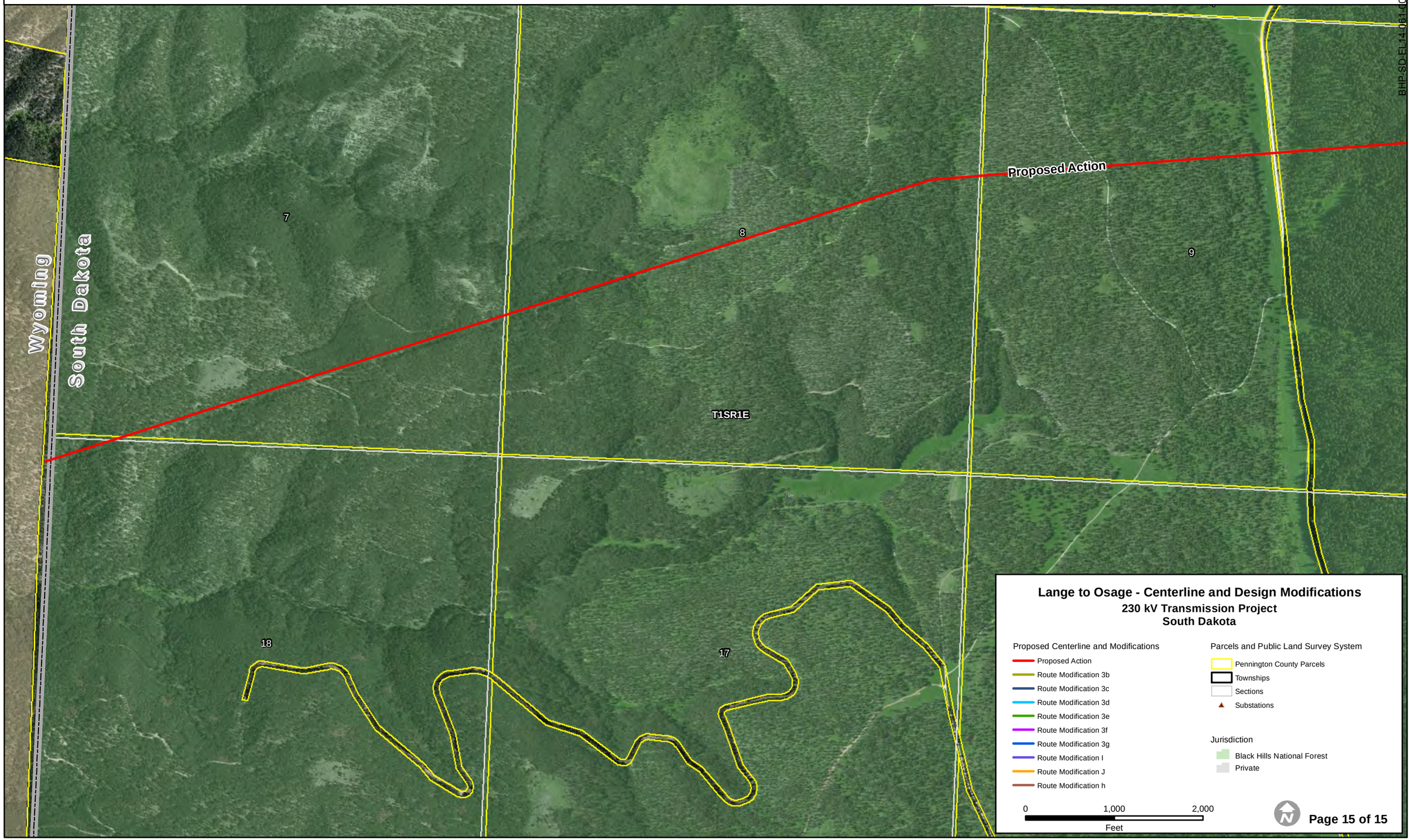
Print Date: 8/14/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\Lange to Osage - CPCN.mxd

Attachment 5.3

Black Hills Power, Inc.
Lange Substation to Osage Substation
230 kV Transmission Line

BHP SDEL14-01 00571



Lange to Osage - Centerline and Design Modifications
230 kV Transmission Project
South Dakota

Proposed Centerline and Modifications
- Proposed Action
- Route Modification 3b
- Route Modification 3c
- Route Modification 3d
- Route Modification 3e
- Route Modification 3f
- Route Modification 3g
- Route Modification I
- Route Modification J
- Route Modification h

Parcels and Public Land Survey System
- Pennington County Parcels
- Townships
- Sections
- Substations

Jurisdiction
- Black Hills National Forest
- Private

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Feet

Print Date: 8/14/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\Lange to Osage - CPCN.mxd

BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 22, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 6:

Per ARSD 20:10:22:11, please ensure "map[s] show prominent features such as cities, lakes, and rivers; and maps show cemeteries, places of historical significance, transportation facilities, or other public facilities adjacent to or abutting the plant or transmission site." If none of the features exist in the mapped area, please clearly state such.

Response to SDPUC Request No. 6:

Please see Attachments 6.1 and 6.2.

Attachments: 6.1 – General Site Location
6.2 – Existing Roads

Figure 1 - General Site Location
230 kV Transmission Project

Attachment 6.1

BHP-SD-EL14-061-000572

Black Hills Power
Improving life with energy

POWER ENGINEERS

Black Hills National Forest
Northern Hills District

Nemo

Blackhawk

Meade County

Lawrence County

Pennington County

385

Rochford

Lange Substation

Box Elder

Rapid City

Silver City

Pactola Reservoir

Pactola Substation

Rapid City

WYOMING

SOUTH DAKOTA

Deerfield Lake

Old Clinton Substation

Colonial Pine Hills

Sheridan Lake

16

79

Rockerville

Black Hills National Forest
Mystic District

Hill City

Black Hills National Forest
Hell Canyon District

Keystone

Mt Rushmore
National Memorial

Pennington County

Custer County

Legend

ARSD 20:10:22:11

Project Components
- Substation
- Proposed Centerline

Transportation
- State Route
- U.S. Highway
- Secondary Road
- Railroad
- Public Airport

Public Facilities
- Populated Place
- Cemeteries

Jurisdiction
- Black Hills National Forest
- Bureau of Land Management
- State
- National Memorial

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

0 2.5 5 10 15
Miles

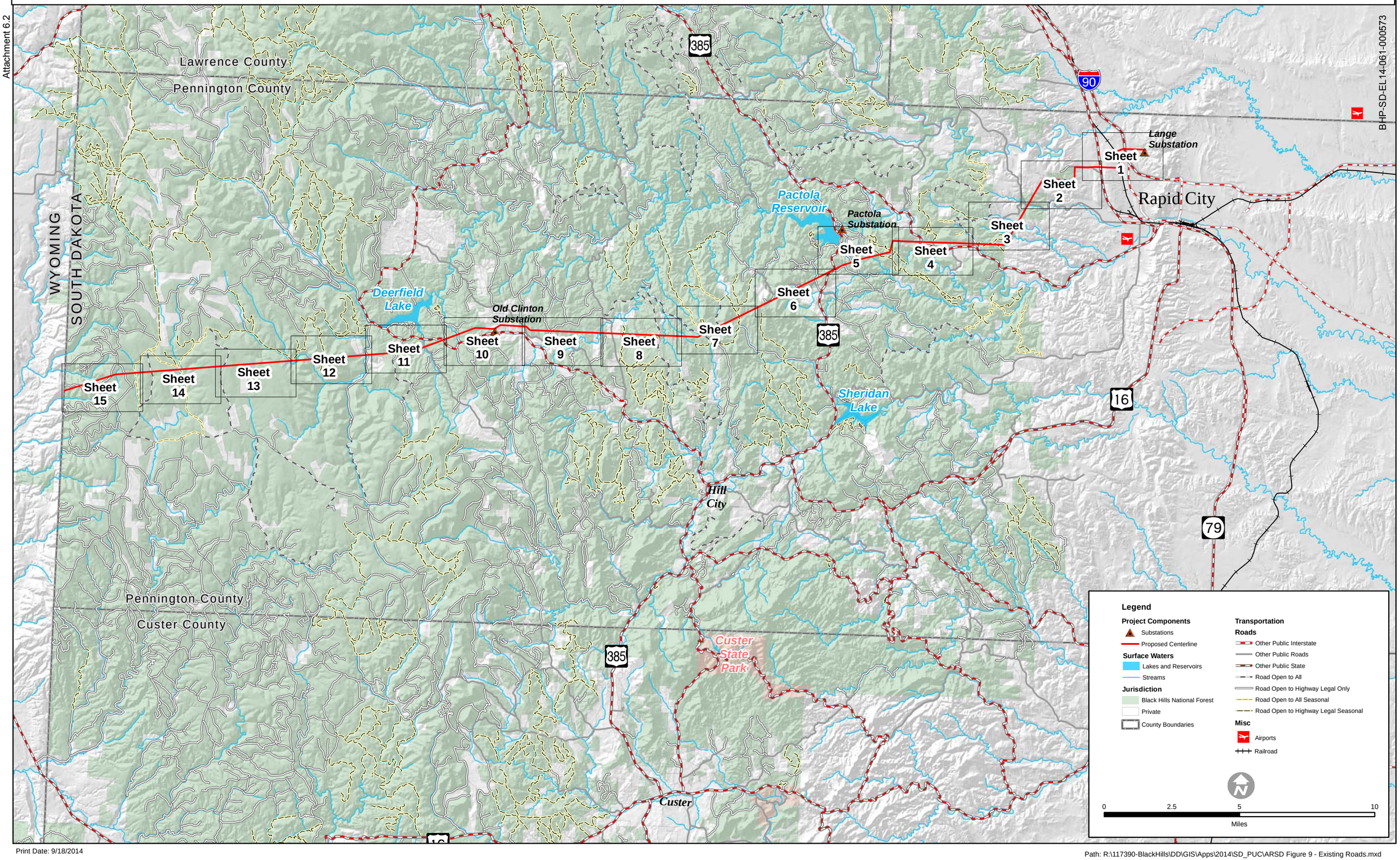
Print Date: 9/5/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 1 - General Site Location.mxd

Figure 9 - Existing Roads
230 kV Transmission Project

Attachment 6.2

BHP-SD-EL14-061-000573



Print Date: 9/18/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 9 - Existing Roads.mxd

Figure 9 - Existing Roads
230 kV Transmission Project

Attachment 6.2

BHP-SD-EL14-061-000574



Print Date: 9/18/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 9 - Existing Roads - mapbook.mxd

Attachment 6.2

Figure 9 - Existing Roads
230 kV Transmission Project

BHP-SD-EL14-061-000575

NFS

NFS

Legend

Project Components
- Substations
- Proposed Centerline

Surface Waters
- Lakes and Reservoirs
- Streams

Jurisdiction
- Black Hills National Forest
- Private
- County Boundaries

Transportation

Roads
- Other Public Interstate
- Other Public Roads
- Other Public State
- Road Open to All
- Road Open to Highway Legal Only
- Road Open to All Seasonal
- Road Open to Highway Legal Seasonal
- ATV Trails

0 1,000 2,000
Feet

Print Date: 9/18/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 9 - Existing Roads - mapbook.mxd

Attachment 6.2

Figure 9 - Existing Roads
230 kV Transmission Project

BHP-SD-EL14-061-000576

NFS

NFS

PVT

NFS

PVT

Legend

Project Components
- Substations
- Proposed Centerline

Surface Waters
- Lakes and Reservoirs
- Streams

Jurisdiction
- Black Hills National Forest
- Private
- County Boundaries

Transportation

Roads
- Other Public Interstate
- Other Public Roads
- Other Public State
- Road Open to All
- Road Open to Highway Legal Only
- Road Open to All Seasonal
- Road Open to Highway Legal Seasonal
- ATV Trails

0 1,000 2,000
Feet

Print Date: 9/18/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 9 - Existing Roads - mapbook.mxd

Attachment 6.2

Figure 9 - Existing Roads
230 kV Transmission Project

BHP-SD-EL14-061-000577

NFS
NFS
PVT
NFS
NFS
PVT

Legend

Project Components
- Substations
- Proposed Centerline

Surface Waters
- Lakes and Reservoirs
- Streams

Jurisdiction
- Black Hills National Forest
- Private
- County Boundaries

Transportation

Roads
- Other Public Interstate
- Other Public Roads
- Other Public State
- Road Open to All
- Road Open to Highway Legal Only
- Road Open to All Seasonal
- Road Open to Highway Legal Seasonal
- ATV Trails

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Feet

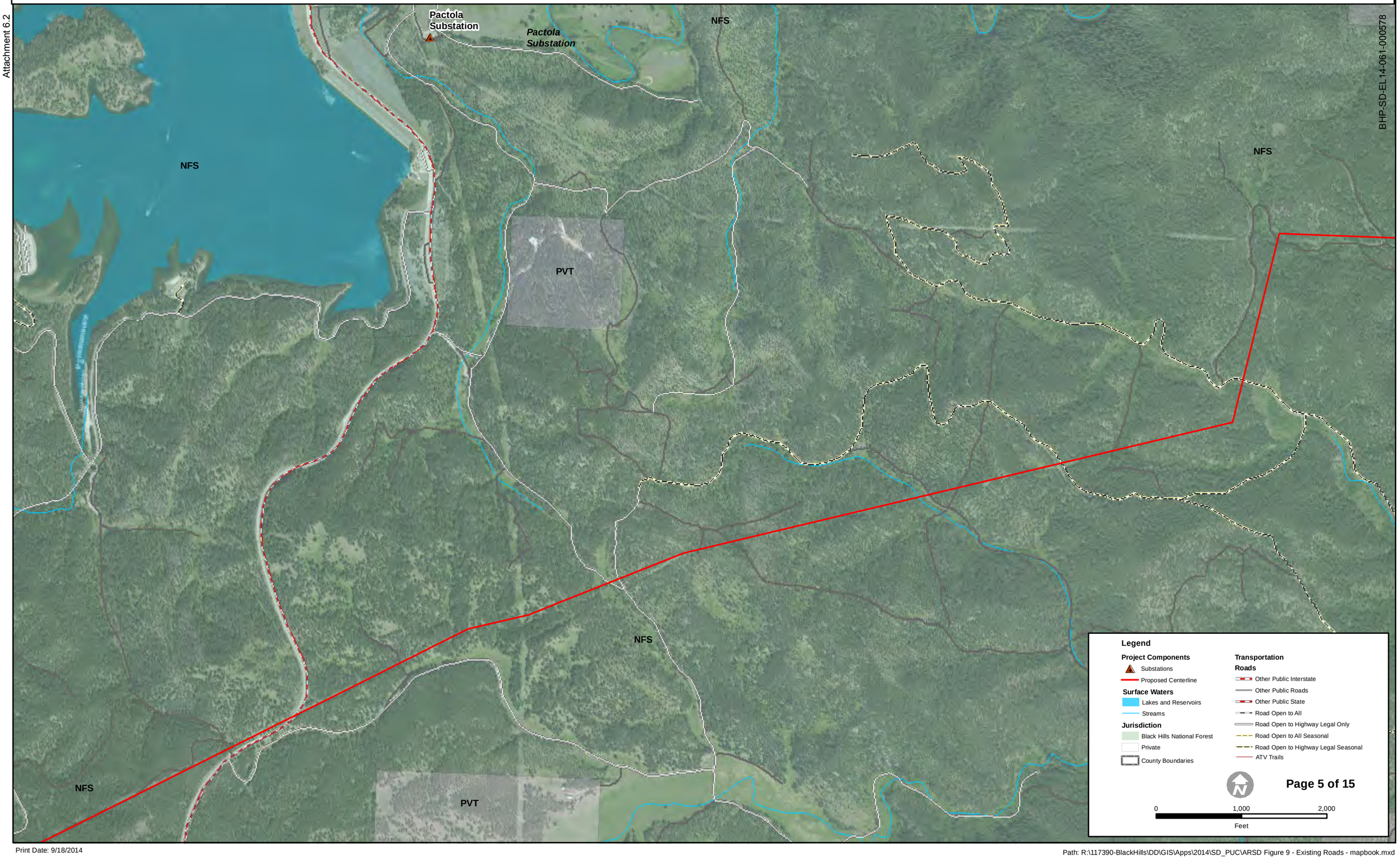
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Figure 9 - Existing Roads
230 kV Transmission Project

Attachment 6.2

BHP-SD-EL14-061-000578



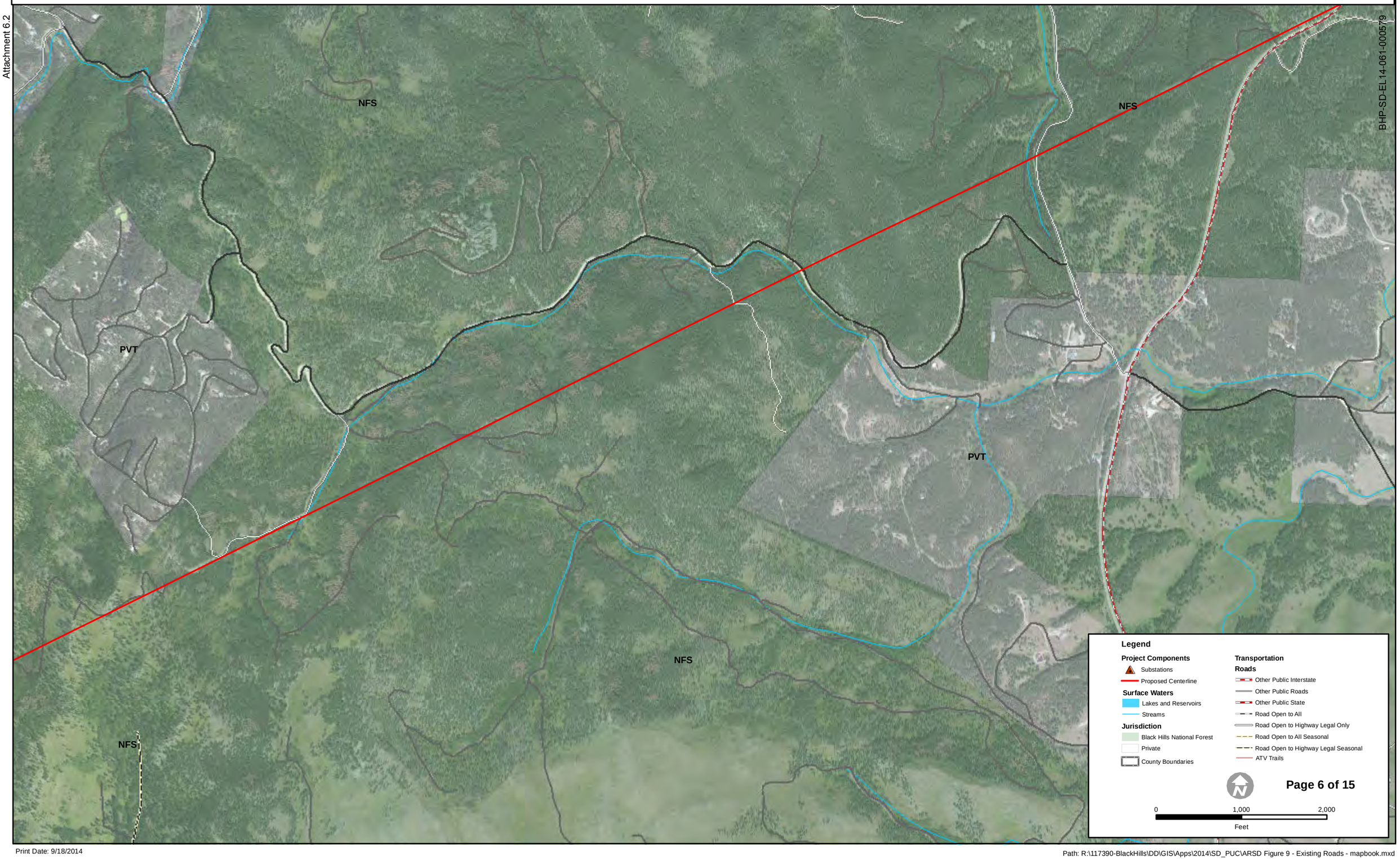
Print Date: 9/18/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 9 - Existing Roads - mapbook.mxd

Attachment 6.2

Figure 9 - Existing Roads
230 kV Transmission Project

BHP-SD-EL14-061-000579



Print Date: 9/18/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 9 - Existing Roads - mapbook.mxd

Figure 9 - Existing Roads
230 kV Transmission Project

Attachment 6.2

BHP-SD-EL14-061-000580

NFS

NFS

NFS

NFS

PVT

NFS

PVT

NFS

Legend

Project Components
- Substations
- Proposed Centerline

Surface Waters
- Lakes and Reservoirs
- Streams

Jurisdiction
- Black Hills National Forest
- Private
- County Boundaries

Transportation

Roads
- Other Public Interstate
- Other Public Roads
- Other Public State
- Road Open to All
- Road Open to Highway Legal Only
- Road Open to All Seasonal
- Road Open to Highway Legal Seasonal
- ATV Trails

0 1,000 2,000
Feet

Print Date: 9/18/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 9 - Existing Roads - mapbook.mxd

Attachment 6.2

Figure 9 - Existing Roads
230 kV Transmission Project

BHP-SD-EL14-061-000581

PVT
PVT
NFS
NFS
NFS
PVT
NFS

Legend

Project Components
- Substations
- Proposed Centerline

Surface Waters
- Lakes and Reservoirs
- Streams

Jurisdiction
- Black Hills National Forest
- Private
- County Boundaries

Transportation

Roads
- Other Public Interstate
- Other Public Roads
- Other Public State
- Road Open to All
- Road Open to Highway Legal Only
- Road Open to All Seasonal
- Road Open to Highway Legal Seasonal
- ATV Trails

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Feet

Print Date: 9/18/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 9 - Existing Roads - mapbook.mxd

Figure 9 - Existing Roads
230 kV Transmission Project

Attachment 6.2

BHP-SD-EL14-061-000582

NFS

NFS

NFS

PVT

PVT

NFS

Legend

Project Components
- Substations
- Proposed Centerline

Surface Waters
- Lakes and Reservoirs
- Streams

Jurisdiction
- Black Hills National Forest
- Private
- County Boundaries

Transportation

Roads
- Other Public Interstate
- Other Public Roads
- Other Public State
- Road Open to All
- Road Open to Highway Legal Only
- Road Open to All Seasonal
- Road Open to Highway Legal Seasonal
- ATV Trails

0 1,000 2,000
Feet

Print Date: 9/18/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 9 - Existing Roads - mapbook.mxd

Figure 9 - Existing Roads
230 kV Transmission Project

Attachment 6.2

BHP-SD-EL14-061-000583

NFS

PVT

Old Clinton Sub

NFS

NFS

PVT

Legend

Project Components
- Substations
- Proposed Centerline

Surface Waters
- Lakes and Reservoirs
- Streams

Jurisdiction
- Black Hills National Forest
- Private
- County Boundaries

Transportation

Roads
- Other Public Interstate
- Other Public Roads
- Other Public State
- Road Open to All
- Road Open to Highway Legal Only
- Road Open to All Seasonal
- Road Open to Highway Legal Seasonal
- ATV Trails

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Feet

Print Date: 9/18/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 9 - Existing Roads - mapbook.mxd

Figure 9 - Existing Roads
230 kV Transmission Project

Attachment 6.2

BHP-SD-EL14-061-000584

NFS

NFS

PVT

PVT

NFS

NFS

Legend

Project Components
- Substations
- Proposed Centerline

Surface Waters
- Lakes and Reservoirs
- Streams

Jurisdiction
- Black Hills National Forest
- Private
- County Boundaries

Transportation

Roads
- Other Public Interstate
- Other Public Roads
- Other Public State
- Road Open to All
- Road Open to Highway Legal Only
- Road Open to All Seasonal
- Road Open to Highway Legal Seasonal
- ATV Trails

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Feet

Print Date: 9/18/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 9 - Existing Roads - mapbook.mxd

Figure 9 - Existing Roads
230 kV Transmission Project

Attachment 6.2

BHP-SD-EL14-061-000585

NFS

NFS

PVT

NFS

NFS

Legend

Project Components
- Substations
- Proposed Centerline

Surface Waters
- Lakes and Reservoirs
- Streams

Jurisdiction
- Black Hills National Forest
- Private
- County Boundaries

Transportation

Roads
- Other Public Interstate
- Other Public Roads
- Other Public State
- Road Open to All
- Road Open to Highway Legal Only
- Road Open to All Seasonal
- Road Open to Highway Legal Seasonal
- ATV Trails

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Feet

Print Date: 9/18/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 9 - Existing Roads - mapbook.mxd

Attachment 6.2

Figure 9 - Existing Roads
230 kV Transmission Project



Print Date: 9/18/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 9 - Existing Roads - mapbook.mxd

Figure 9 - Existing Roads
230 kV Transmission Project

Attachment 6.2

BHP-SD-EL14-061-000587

NFS

NFS

NFS

NFS

PVT

Legend

Project Components
- Substations
- Proposed Centerline

Surface Waters
- Lakes and Reservoirs
- Streams

Jurisdiction
- Black Hills National Forest
- Private
- County Boundaries

Transportation

Roads
- Other Public Interstate
- Other Public Roads
- Other Public State
- Road Open to All
- Road Open to Highway Legal Only
- Road Open to All Seasonal
- Road Open to Highway Legal Seasonal
- ATV Trails

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Feet

Print Date: 9/18/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 9 - Existing Roads - mapbook.mxd

Attachment 6.2

Figure 9 - Existing Roads
230 kV Transmission Project

BHP-SD-EL14-061-000588

NFS

NFS

NFS

NFS

Legend

Project Components
- Substations
- Proposed Centerline

Surface Waters
- Lakes and Reservoirs
- Streams

Jurisdiction
- Black Hills National Forest
- Private
- County Boundaries

Transportation

Roads
- Other Public Interstate
- Other Public Roads
- Other Public State
- Road Open to All
- Road Open to Highway Legal Only
- Road Open to All Seasonal
- Road Open to Highway Legal Seasonal
- ATV Trails

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Feet

Print Date: 9/18/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 9 - Existing Roads - mapbook.mxd

BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 17, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 7:

Please provide the contents of Appendix B's Appendix B.

Response to SDPUC Request No. 7:

Please see Attachment 7.

Attachments: 7 – Draft EIS Appendix B

December 14, 2010

BLACK HILLS POWER

TECKLA – OSAGE – RAPID CITY 230KV TRANSMISSION LINE PROJECT

PUBLIC INVOLVEMENT PROCESS

PROJECT NUMBER: 117390

PROJECT CONTACT: WENDY HOSMAN

EMAIL: WENDY.HOSMAN@POWERENG.COM

PHONE: (208) 788-0409

POWER ENGINEERS

TABLE OF CONTENTS

INTRODUCTION 1

PURPOSE 1

PUBLIC INVOLVEMENT PROGRAM 1

LOCAL ELECTED OFFICIAL NOTIFICATIONS 2

KEY STAKEHOLDER MEETINGS 2

- POWDER RIVER COAL 2
- CLOUD PEAK ENERGY 2
- THUNDER BASIN COAL COMPANY 2
- RAPID CITY QUARRY OPERATOR 3

PUBLIC OPEN HOUSES 3

PROJECT WEB SITE 4

SUMMARY 4

- WYOMING 4
- SOUTH DAKOTA 5

LIST OF APPENDICES

APPENDIX A LOCAL ELECTED OFFICIAL NOTIFICATIONS

APPENDIX B KEY STAKEHOLDER MEETINGS

APPENDIX C OPEN HOUSE HANDOUTS AND BOARDS

APPENDIX D PUBLIC COMMENTS

INTRODUCTION

Black Hills Power (BHP) is committed to reliable delivery of electric energy to homes, businesses and industries in their South Dakota and Wyoming service area. BHP proposes construction of one 230 kV transmission line from Teckla Substation to Osage Substation in Wyoming, on to Lange Substation located near Rapid City, South Dakota. The line will be about 135 miles long running from northeastern Wyoming to the Rapid City area in South Dakota. This transmission line's purpose will be to strengthen the integrated transmission network, improve transmission system reliability by creating additional operating flexibility, and to help meet future demand growth for electricity and economic development in the region.

BHP is encouraging the public to be part of the process in establishing line route alternatives for the proposed transmission line. BHP conducted a public involvement process to gather public input and local knowledge to help in the selection of logical and suitable routes for the new power line. The following report outlines the steps BHP conducted for clear communication about the Project.

PURPOSE

The public involvement process component of the BHP Project integrated public comment and participation with the Project's transmission line siting study.

The Project Team utilized the public's participation, generally considered a consultation role, to provide information concerning potential line routes, and provide feedback on decisions made in the initial route development process. A consultation role, as defined by the International Association for Public Participation, can be described as one in which the public is informed, shares concerns and provides feedback regarding the process itself but is not engaged in a decision-making capacity. These considerations include, but are not limited to, how decisions were made and how route evaluations were conducted within the process.

Additionally, in the consultation capacity, audiences were informed how their feedback would be utilized within the route-development process. An overview of the public involvement process for the Project is provided below.

PUBLIC INVOLVEMENT PROGRAM

The public involvement process was used to inform local officials, land owners, the public at large, and other interested parties about the project. The public involvement program included three distinct activities. These activities were:

- Local Elected Official Notifications
- Key Stakeholder Meetings
- Public Meetings – Open House Format

The local elected official notifications involved identification of the appropriate elected officials and project packet mailings. The purpose of these notifications was to share information and get feedback on the project.

Key stakeholder meetings were held with three coal companies in Wyoming and a large industrial property owner near Rapid City, South Dakota. The purpose of these meetings was to share information about the project and gather land use information and other pertinent details from these companies.

The public open house meetings were held in Newcastle, Wyoming and Rapid City, South Dakota. The purpose of the meetings was to disseminate project information and gather feedback from landowners and other interested parties regarding the project.

Each public involvement activity is described in more detail below.

LOCAL ELECTED OFFICIAL NOTIFICATIONS

A project notification packet which included a letter, public open house advertisement, and project fact sheet was mailed to the following elected officials:

Wyoming

- Campbell County Commissioners
- Weston County Commissioners

South Dakota

- City of Rapid City, Growth Management Director
- Meade County Commissioners
- Pennington County Commissioners

All information included in the project notification packets are attached in Appendix A.

KEY STAKEHOLDER MEETINGS

Key stakeholder meetings were held with three coal companies and a quarry mining company as follows:

Powder River Coal

- Date: June 29, 2010
- Attendees: Kevin Lincoln, POWER Engineers; Mark Carda, Black Hills Power; and Kendra Quick, Powder River Coal
- Mines of interest: North Antelope Rochelle and School Creek Mine

Cloud Peak Energy

- Date: June 29, 2010
- Attendees: Kevin Lincoln, POWER Engineers; Mark Carda, Black Hills Power, and Brad Clarke, Steve Williams, Russ Hallcroft, and Dick Turpin, Cloud Peak Energy
- Mine of interest: Cordero Rojo Mine

Thunder Basin Coal Company

- Date: July 22, 2010
- Conference call attendees: Kevin Lincoln, POWER Engineers and Ken Miller, Thunder Basin Coal Company

- Mine of interest: Black Thunder Mine

- Date: August 12, 2010
- Attendees: Ken Miller, Steven Beil, and Wendy Hutchinson, Thunder Basin Coal Company; Matt Davis, and Clark Hendrickson, Powder River Energy; and Mark Carda, Black Hills Power
- Mine of interest: Black Thunder Mine

Rapid City Quarry Operator

- Date: October 21, 2010
- Meeting attendees: Joel Brannan, Jim Feehan, Pete Lien; Chuck Loomis, and Mike Fredrich, Quarry; and Ron Dahlinger and Mark Carda, Black Hills Power
- Property of interest: Pete Lien

Meeting notes from these key stakeholder meetings are attached in Appendix B.

Additionally, Powder River Energy in Sundance, Wyoming, was notified of the project and they attended the August 12th meeting with Thunder Basin Coal Company.

PUBLIC OPEN HOUSES

The public open houses were used as a way to communicate with local residents, land owners, and other interested parties within the Project study area. The public could attend anytime during the hosted timeframe and obtain information and share information regarding their questions, concerns, and particular property issues. The open houses were an informal process which focused on a one-on-one exchange of information.

Three public open houses were held in the following locations:

- June 28, 2010, 6:00 – 8:00 p.m., Newcastle, Wyoming
- June 29, 2010, 6:00 – 8:00 p.m., Rapid City, South Dakota
- September 16, 2010, 6:00 – 8:30 p.m., Rapid City, South Dakota

An advertisement for the Newcastle public open house was placed in the *News Letter Journal*, the weekly Newcastle paper, on Wednesday, June 23rd and in the *Gillette News Record*, the daily Gillette newspaper on Sunday, June 20th. In addition, a packet of information was mailed to landowners in Wyoming who reside along the preliminary route alternatives to the west of the Osage substation. The mailing included the public open house advertisement and project fact sheet.

An advertisement for the June 29th Rapid City public open house was placed in the *Rapid City Journal* on Sunday, June 20th and Wednesday, June 23rd.

A packet of information was mailed to approximately 1,250 landowners in South Dakota who reside along the preliminary route alternatives for the September 16th open house. The packet included an informational letter inviting them to the September 16th open house as well as the project fact sheet, comment form, and a map showing the preliminary route alternatives.

Each open house included various informational stations, which provided specific technical information about the Project. Stations included the following:

- Welcome and Sign-In
- Need and Benefit - Project Overview
- Public Involvement – National Environmental Policy Act Process
- Structure Types
- Tentative Project Schedule
- Preliminary Route Maps
- Comments
- Map Work Area

Each person attending the open house received a packet of information which included the project fact sheet, electric and magnetic fields information sheet, and right of way and easement information sheet. Each person was also given the opportunity to provide written comments regarding the project on a formal comment form. All public open house advertisements, handouts, and boards are included in Appendix C.

Results from the June 28th Newcastle public open house include the following: 38 people in attendance (based on registration sign-in) and one formal comment form was submitted at the meeting.

After the Newcastle open house, the Project team decided to mail project packets to the Wyoming landowners who reside along the preliminary route alternatives to the east of the Osage substation for consistency. These packets were mailed on July 20th and included a letter, map, project fact sheet, and comment form.

Results from the June 29th Rapid City public open house include the following: 9 people in attendance (based on registration sign-in) and one formal comment form was submitted at the meeting.

Results from the September 16th Rapid City public open house include the following: 130 people in attendance (based on registration sign-in) and many comment forms were submitted at the meeting.

Following the public open house meetings and landowner mailings many comment forms, emails and telephone calls were received regarding the Project. All public open house registration forms, comment forms, emails and telephone calls are included in Appendix D.

PROJECT WEB SITE

The Project has a dedicated Web site, www.blackhillspower.com/transmission/projects, which communicates all Project information, maps and photos. It is a tool that will be used to update audiences on the current status of the Project.

SUMMARY

The following list provides a summary of all the comments received to date via public open houses, comment forms, telephone calls, and emails:

Wyoming

- Avoid bisecting agricultural fields and hay fields with the transmission line.
- Avoid large ranch holdings with elk habitat for Routes B and C.
- Avoid routing by homes.

- The old Clinton Line Route is a major ATV connector to other area trails.
- Need to adequately notify landowners along the old Clinton 69 kV right of way; the old right of way easement is not sufficient for the new 230 kV line.
- There is a transmission line shown on the maps south of Upton that is not there.
- The route along Highway 450 looks the best.
- The Teckla substation may be mined out in the future. Need to look at relocating that substation and connecting lines west.
- The new transmission line should be placed in the old Clinton Line Route, as well as the new transmission line should not be placed in the old Clinton Line Route.

South Dakota

- Avoid subdivisions and communities with any line route – particular concerns with Woodland Hills, Black Forest Inn, and Rochford.
- Avoid resort property with line routes.
- Avoid putting the line near residences because of the concern that the line will ruin the view, might be noisy, produces EMF, would require cutting of trees, will reduce property values, and will destroy wildlife viewing opportunities.
- Questioned why not use the existing Pactola to Rapid City 69 kV corridor.
- Questioned why not build the transmission line next to the interstate.
- The transmission line should be buried.
- Questioned why private land was being considered instead of Forest Service land.
- Questioned why the transmission line is being proposed in areas where customers are served by co-ops.
- Concerned about the cutting of trees and how this might impact wildlife habitat.
- Lien Quarry – need to consider future mining areas.
- Concerned about a transmission line near Mickelson Trail – rated one of the top trails in the U.S.

APPENDIX A LOCAL ELECTED OFFICIAL NOTIFICATIONS

The Honorable Amir Sancher
1000 Woodland Dr
Gillette WY 82716

RE: New Transmission Line Project information

Dear Commissioner Sancher:

Black Hills Power is starting the routing process for a new 230kv line that will be constructed from Teckla, Wyoming to Rapid City, SD. Construction is anticipated to start in 2013 in Wyoming and to be completed to Rapid City by late 2014 or early 2015. We are going to host an informational open house in Newcastle on Monday, June 28th to answer questions and document landowner comments that will provide us information to be used in finding the best overall route for this line.

This is the first step in our process to route this line and Black Hills Power wants to provide this information to you early in the process to make you aware of this important project.

The open house will be advertised in the local newspaper inviting the public. A copy of the advertisement and an informational sheet for this project is enclosed. Potential affected landowners are also being sent letters inviting them to this open house.

Sincerely,

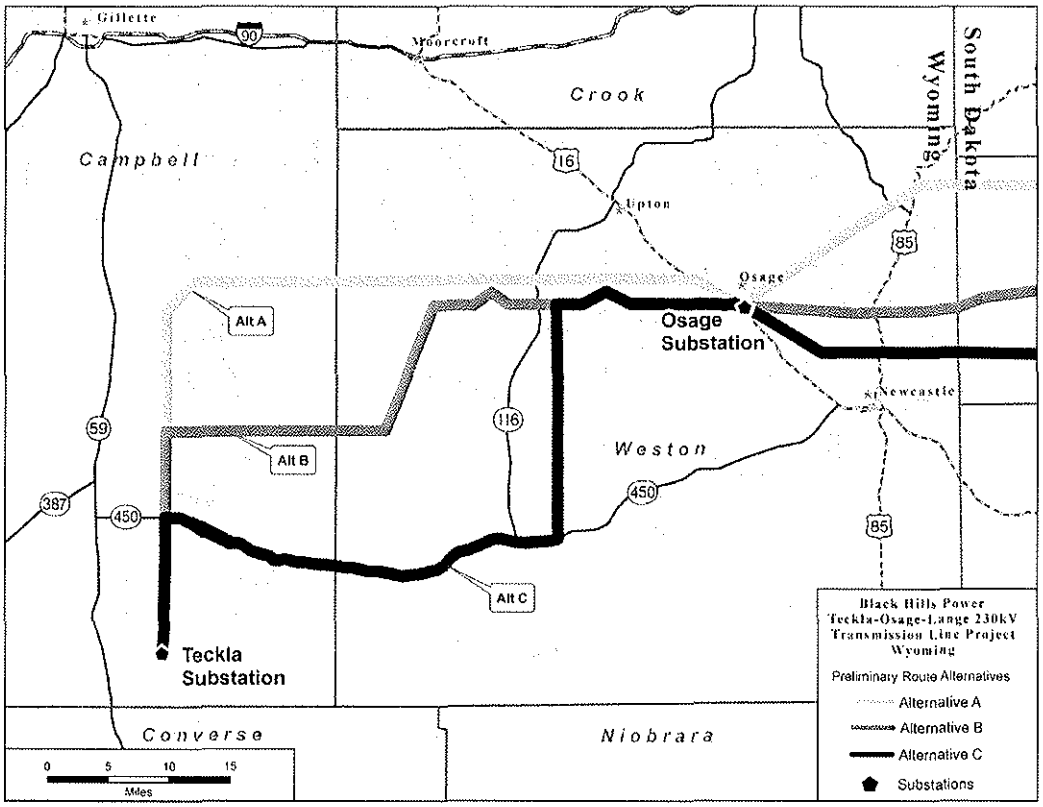
Jim Bunch
Newcastle District Manager

Attachments: Newspaper advertisement
Project informational sheet

Informational Open House

Weston County Senior Services Bldg.
627 Pine St.
Newcastle, Wyoming

Monday, June 28
6:00 p.m. – 8:30 p.m.



Black Hills Power has provided the Black Hills safe, reliable energy for more than 126 years. Making sure you have the power you need is a responsibility we take seriously.

BHP is planning to engineer and construct a 230kV transmission line from the Teckla substation, located approximately 50 miles south of Gillette, Wyoming to Osage, Wyoming and then to Rapid City, South Dakota. Construction will begin in 2013, and will provide the electric lines needed to transmit electricity to your home or business.

The public is invited to review routing plans, and ask questions of Black Hills Power engineers about the project.

Maps of the proposed routes are available to view at www.blackhillspower.com/transmission/projects.

Improving life with energy

BHP Black Hills Power

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Teckla – Osage – Rapid City 230kV Transmission Project

PROJECT PURPOSE AND NEED

The proposed Teckla – Osage – Rapid City 230kv Transmission Line will:

- Strengthen the integrated Black Hills and Wyoming transmission network
- Improve transmission system reliability by creating additional operating flexibility
- Help meet future demand growth for electricity and economic development in the region

PROPOSED PROJECT

The proposed Teckla – Osage – Rapid City 230kv line will run from the existing Teckla Substation (50 miles south of Gillette, Wyoming) to the existing Osage Substation at Osage, Wyoming and then to the Lange Substation in Rapid City, South Dakota.

Depending on the final route, the proposed project would:

- Be about 135 miles long
- Be constructed mainly of wood or steel H-frame structures and possibly some tubular steel single pole structures in the Rapid City area; average height of structures is estimated to be 65-75 feet
- Require a right-of-way width of 125 feet

PERMITTING

The project will require approval from the South Dakota Public Utilities Commission, the Wyoming Public Service Commission and the US Forest Service.

TO LEARN MORE

Black Hills Power will host an open house to introduce the proposed project to landowners and other interested members of the public. Staff from Black Hills Power will be available to answer the public's questions and receive public comments about the proposed project. Maps of the proposed routes are available on our web site at: http://www.blackhillspower.com/transmission/projects

Monday, June 28, 2010
6:00 – 8:30 p.m.
Weston Senior Center
627 Pine Street
Newcastle, WY

PROJECT CONTACT
Mark Carda
PO Box 1400
Rapid City, SD 57709
Mark.carda@blackhillscorp.com
Phone: (605) 721-2274

Improving life with energy

Black Hills Power

The Honorable Alan Todd
POB BOX 795
Newcastle, WY 82701

RE: New Transmission Line Project information

Dear Commissioner Todd:

Black Hills Power is starting the routing process for a new 230kv line that will be constructed from Teckla, Wyoming to Rapid City, SD. Construction is anticipated to start in 2013 in Wyoming and to be completed to Rapid City by late 2014 or early 2015. We are going to host an informational open house in Newcastle on Monday, June 28th to answer questions and document landowner comments that will provide us information to be used in finding the best overall route for this line.

This is the first step in our process to route this line and Black Hills Power wants to provide this information to you early in the process to make you aware of this important project.

The open house will be advertised in the local newspaper on June 17th and 24th inviting the public. A copy of the advertisement and an informational sheet for this project is enclosed. Potential affected landowners are also being sent letters inviting them to this open house.

Sincerely,

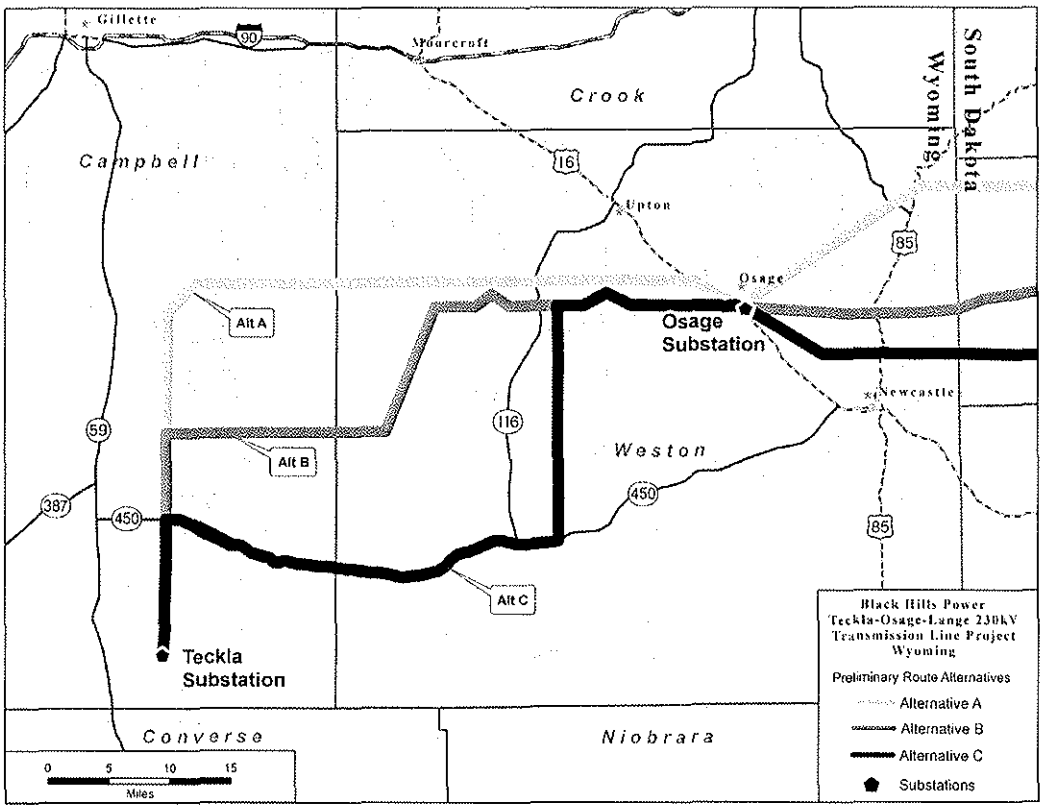
Jim Bunch
Newcastle District Manager

Attachments: Newspaper advertisement
Project informational sheet

Informational Open House

Weston County Senior Services Bldg.
627 Pine St.
Newcastle, Wyoming

Monday, June 28
6:00 p.m. – 8:30 p.m.



Black Hills Power has provided the Black Hills safe, reliable energy for more than 126 years. Making sure you have the power you need is a responsibility we take seriously.

BHP is planning to engineer and construct a 230kV transmission line from the Teckla substation, located approximately 50 miles south of Gillette, Wyoming to Osage, Wyoming and then to Rapid City, South Dakota. Construction will begin in 2013, and will provide the electric lines needed to transmit electricity to your home or business.

The public is invited to review routing plans, and ask questions of Black Hills Power engineers about the project.

Maps of the proposed routes are available to view at www.blackhillspower.com/transmission/projects.

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BHP™ Black Hills Power

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Teckla – Osage – Rapid City 230kV Transmission Project

PROJECT PURPOSE AND NEED

The proposed Teckla – Osage – Rapid City 230kv Transmission Line will:

- Strengthen the integrated Black Hills and Wyoming transmission network
- Improve transmission system reliability by creating additional operating flexibility
- Help meet future demand growth for electricity and economic development in the region

PROPOSED PROJECT

The proposed Teckla – Osage – Rapid City 230kv line will run from the existing Teckla Substation (50 miles south of Gillette, Wyoming) to the existing Osage Substation at Osage, Wyoming and then to the Lange Substation in Rapid City, South Dakota.

Depending on the final route, the proposed project would:

- Be about 135 miles long
- Be constructed mainly of wood or steel H-frame structures and possibly some tubular steel single pole structures in the Rapid City area; average height of structures is estimated to be 65-75 feet
- Require a right-of-way width of 125 feet

PERMITTING

The project will require approval from the South Dakota Public Utilities Commission, the Wyoming Public Service Commission and the US Forest Service.

TO LEARN MORE

Black Hills Power will host an open house to introduce the proposed project to landowners and other interested members of the public. Staff from Black Hills Power will be available to answer the public's questions and receive public comments about the proposed project. Maps of the proposed routes are available on our web site at: http://www.blackhillspower.com/transmission/projects

Monday, June 28, 2010
6:00 – 8:30 p.m.
Weston Senior Center
627 Pine Street
Newcastle, WY

PROJECT CONTACT
Mark Carda
PO Box 1400
Rapid City, SD 57709
Mark.carda@blackhillscorp.com
Phone: (605) 721-2274

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Black Hills Power

Ron Dahlinger
Director, Engineering
ron.dahlinger@blackhillscorp.com

P 605-721-2220
F 605-721-2323

July 20, 2010

Dear Landowner:

Black Hills Power is planning to engineer and construct a 230kv transmission line from the Teckla substation, approximately 50 miles south of Gillette, Wyoming, to Osage, Wyoming and then to Rapid City, South Dakota. We are in the preliminary steps of routing this transmission line and have selected three alternate routes into the terminal location in Rapid City from Teckla Substation in Wyoming. The actual construction of this line is currently projected to start in 2013 on the Wyoming end and be completed into Rapid City by 2015.

Much of the property from the Wyoming border into Rapid City is Forest Service property and, as a result, the Forest Service will have the final approval for the route taken through the Forest and they will be conducting scoping meetings in the future with the public to help them in their selection process.

We held an open house for the public to view maps showing the line routes and to discuss project particulars with Black Hills Power personnel on June 28th in Newcastle. The open house was advertised in the Weston County Gazette on June 24th and in the News Letter Journal on June 17th and June 24th. This letter is being sent to those landowners who were inadvertently omitted from a mailing that we sent to landowners previous to this meeting.

A fact sheet about this project, a project map showing the alternate routes and a comment sheet are enclosed with this letter. I would encourage you to view the project maps available on our web site as referenced on the fact sheet as the maps available there are detailed maps that can be used to see where the proposed alternate routes are, relative to your property. You can mail the comment sheet to us to document your comments that will be considered during the selection process for the proposed transmission line corridor. If you have any questions or would like to visit about this project, please call Mark Carda, who is managing this project, at 605-721-2274 or you can also contact me.

Sincerely,

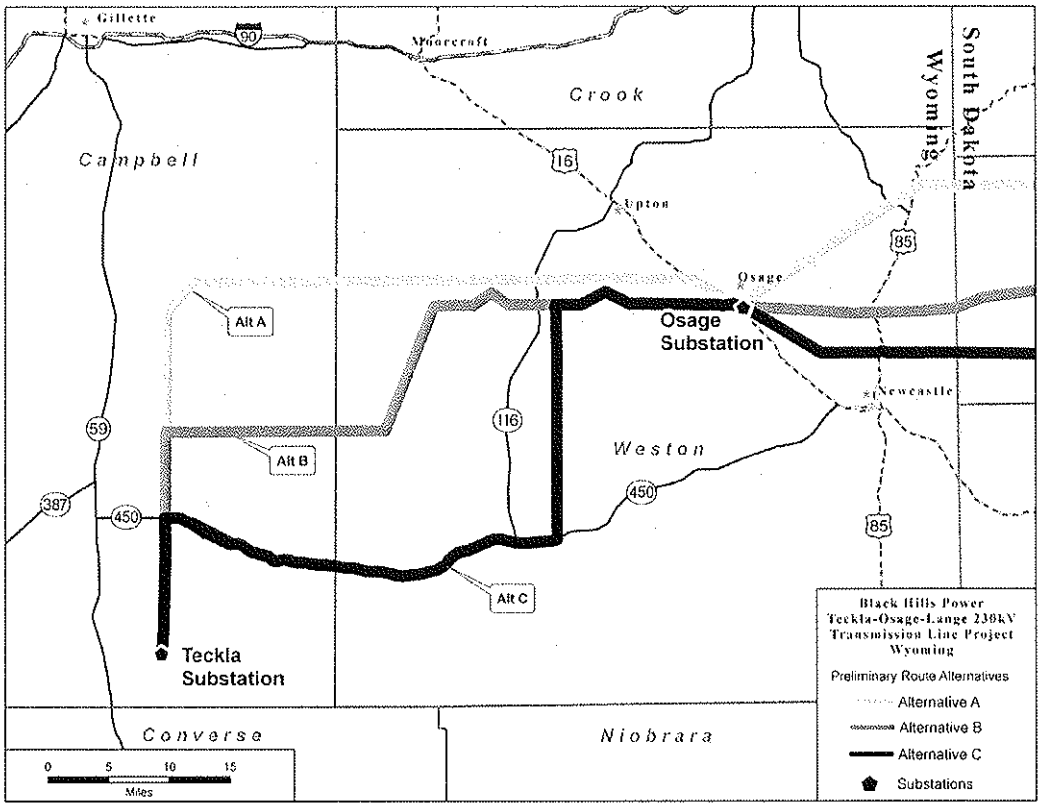
Ron Dahlinger

Ron Dahlinger

Informational Open House

Weston County Senior Services Bldg.
627 Pine St.
Newcastle, Wyoming

Monday, June 28
6:00 p.m. – 8:30 p.m.



Black Hills Power has provided the Black Hills safe, reliable energy for more than 126 years. Making sure you have the power you need is a responsibility we take seriously.

BHP is planning to engineer and construct a 230kV transmission line from the Teckla substation, located approximately 50 miles south of Gillette, Wyoming to Osage, Wyoming and then to Rapid City, South Dakota. Construction will begin in 2013, and will provide the electric lines needed to transmit electricity to your home or business.

The public is invited to review routing plans, and ask questions of Black Hills Power engineers about the project.

Maps of the proposed routes are available to view at www.blackhillspower.com/transmission/projects.

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BHP™ Black Hills Power

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Teckla – Osage – Rapid City 230kV Transmission Project

PROJECT PURPOSE AND NEED

The proposed Teckla – Osage – Rapid City 230kv Transmission Line will:

- Strengthen the integrated Black Hills and Wyoming transmission network
- Improve transmission system reliability by creating additional operating flexibility
- Help meet future demand growth for electricity and economic development in the region

PROPOSED PROJECT

The proposed Teckla – Osage – Rapid City 230kv line will run from the existing Teckla Substation (50 miles south of Gillette, Wyoming) to the existing Osage Substation at Osage, Wyoming and then to the Lange Substation in Rapid City, South Dakota.

Depending on the final route, the proposed project would:

- Be about 135 miles long
- Be constructed mainly of wood or steel H-frame structures and possibly some tubular steel single pole structures in the Rapid City area; average height of structures is estimated to be 65-75 feet
- Require a right-of-way width of 125 feet

PERMITTING

The project will require approval from the South Dakota Public Utilities Commission, the Wyoming Public Service Commission and the US Forest Service.

TO LEARN MORE

Black Hills Power will host an open house to introduce the proposed project to landowners and other interested members of the public. Staff from Black Hills Power will be available to answer the public's questions and receive public comments about the proposed project. Maps of the proposed routes are available on our web site at: http://www.blackhillspower.com/transmission/projects

Monday, June 28, 2010
6:00 – 8:30 p.m.
Weston Senior Center
627 Pine Street
Newcastle, WY

PROJECT CONTACT
Mark Carda
PO Box 1400
Rapid City, SD 57709
Mark.carda@blackhillscorp.com
Phone: (605) 721-2274

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Black Hills Power

Ron Dahlinger
Director, Engineering
ron.dahlinger@blackhillscorp.com

P 605-721-2220
F 605-721-2323

June 15, 2010

Marcia Elkins
Director, Growth Management
City of Rapid City
300 Sixth Street
Rapid City, SD 57701

RE: New Transmission Line Project information for City Council and Planning Commission

Dear Marcia:

Black Hills Power is starting the routing process for a new 230kv line that will be constructed from Teckla, Wyoming to Rapid City, SD. Construction is anticipated to start in 2013 in Wyoming and to be completed to Rapid City by late 2014 or early 2015. We are going to host an informational open house in Rapid City on Tuesday, June 29th to answer questions and document landowner comments that will provide us information to be used in finding the best overall route for this line.

This is the first step in our process to route this line and Black Hills Power wants to provide this information to the Rapid City Planning Commission and the City council to make them aware of this important project.

The open house will be advertised in the Rapid City Journal on June 20th and 27th inviting the public. A copy of the advertisement and an informational sheet for this project is enclosed.

Would you please distribute this letter and the enclosed information to the Planning Commission and City Council members?

Thank you, Marcia.

Sincerely,

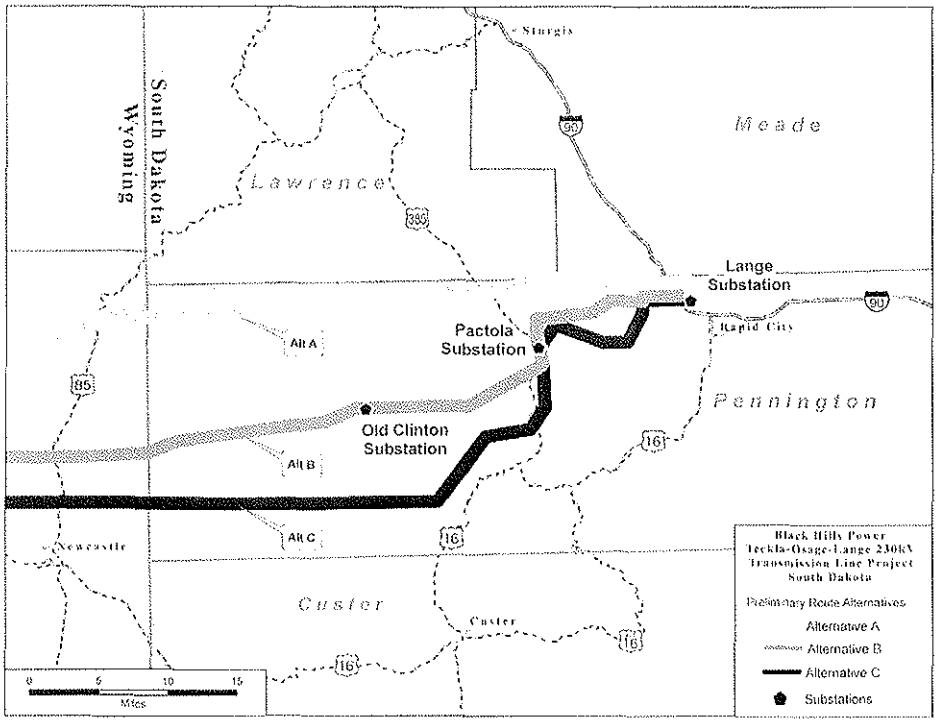
Ron Dahlinger

Ron Dahlinger
Attachments: Newspaper advertisement
Project informational sheet

Informational Open House

Best Western Ramkota Hotel
2111 N Lacrosse St. Rapid City

Tuesday, June 29
6:00 p.m. – 8:30 p.m.



Black Hills Power has provided the Black Hills safe, reliable energy for more than 126 years. Making sure you have the power you need is a responsibility we take seriously.

BHP is planning to engineer and construct a 230kV transmission line from the Teckla substation, located approximately 50 miles south of Gillette, Wyoming to Osage, Wyoming and then to Rapid City, South Dakota. Construction will begin in 2013, and will provide the electric lines needed to transmit electricity to your home or business.

The public is invited to review routing plans, and ask questions of Black Hills Power engineers about the project.

Maps of the proposed routes are available to view at www.blackhillspower.com/transmission/projects.

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BHP Black Hills Power

Teckla – Osage – Rapid City 230kV Transmission Project

PROJECT PURPOSE AND NEED

The proposed Teckla – Osage – Rapid City 230kv Transmission Line will:

- Strengthen the integrated Black Hills and Wyoming transmission network
- Improve transmission system reliability by creating additional operating flexibility
- Help meet future demand growth for electricity and economic development in the region

PROPOSED PROJECT

The proposed Teckla – Osage – Rapid City 230kv line will run from the existing Teckla Substation (50 miles south of Gillette, Wyoming) to the existing Osage Substation at Osage, Wyoming and then to the Lange Substation in Rapid City, South Dakota.

Depending on the final route, the proposed project would:

- Be about 135 miles long
- Be constructed mainly of wood or steel H-frame structures and possibly some tubular steel single pole structures in the Rapid City area; average height of structures is estimated to be 65-75 feet
- Require a right-of-way width of 125 feet

PERMITTING

The project will require approval from the South Dakota Public Utilities Commission, the Wyoming Public Service Commission and the US Forest Service.

TO LEARN MORE

Black Hills Power will host an open house to introduce the proposed project to landowners and other interested members of the public. Staff from Black Hills Power will be available to answer the public's questions and receive public comments about the proposed project. Maps of the proposed routes are available on the BHP web site: http://www.blackhillspower.com/transmission/projects

Tuesday, June 29, 2010
6:00 – 8:30 p.m.
Ramkota Hotel Best Western
2111 N Lacrosse St.
Rapid City, SD

PROJECT CONTACT

Mark Carda
PO Box 1400
Rapid City, SD 57709
Mark.carda@blackhillscorp.com
Phone: (605) 721-2274

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Black Hills Power

Ron Dahlinger
Director, Engineering
ron.dahlinger@blackhillscorp.com

P 605-721-2220
F 605-721-2323

June 15, 2010

Meade County Commissioners
Attention Robert Mallow, Chairman
20623 131st St
Sturgis, SD 57785

RE: New Transmission Line Project information for Meade County Commission

Dear Robert:

Black Hills Power is starting the routing process for a new 230kv line that will be constructed from Teckla, Wyoming to Rapid City, SD. Construction is anticipated to start in 2013 in Wyoming and to be completed to Rapid City by late 2014 or early 2015. We are going to host an informational open house in Rapid City on Tuesday, June 29th to answer questions and document landowner comments that will provide us information to be used in finding the best overall route for this line.

This is the first step in our process to route this line and Black Hills Power wants to provide this information to the Meade County Commissioners to make them aware of this important project. One of the proposed alternate routes is near the southern border of Meade County.

The open house will be advertised in the Rapid City Journal on June 20th and 27th inviting the public. A copy of the advertisement and an informational sheet for this project is enclosed.

Would you please distribute this letter and the enclosed information to the other Commissioners?

Thank you, Robert.

Sincerely,

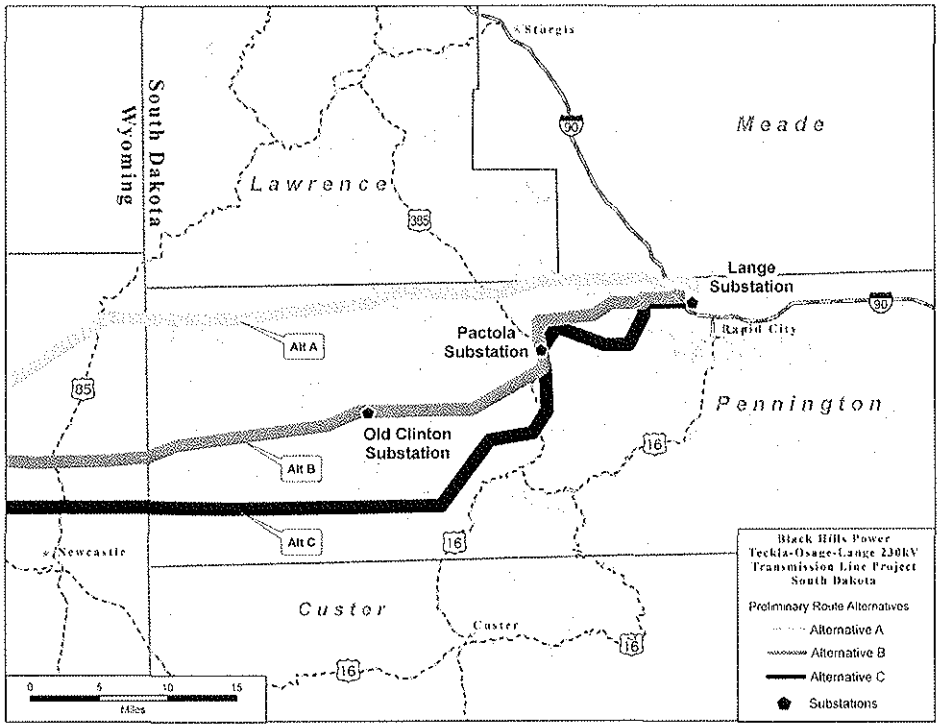
Ron Dahlinger

Ron Dahlinger
Attachments: Newspaper advertisement
Project informational sheet

Informational Open House

Best Western Ramkota Hotel
2111 N Lacrosse St. Rapid City

Tuesday, June 29
6:00 p.m. – 8:30 p.m.



Black Hills Power has provided the Black Hills safe, reliable energy for more than 126 years. Making sure you have the power you need is a responsibility we take seriously.

BHP is planning to engineer and construct a 230kV transmission line from the Teckla substation, located approximately 50 miles south of Gillette, Wyoming to Osage, Wyoming and then to Rapid City, South Dakota. Construction will begin in 2013, and will provide the electric lines needed to transmit electricity to your home or business.

The public is invited to review routing plans, and ask questions of Black Hills Power engineers about the project.

Maps of the proposed routes are available to view at www.blackhillspower.com/transmission/projects.

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BHP Black Hills Power

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Teckla – Osage – Rapid City 230kV Transmission Project

PROJECT PURPOSE AND NEED

The proposed Teckla – Osage – Rapid City 230kv Transmission Line will:

- Strengthen the integrated Black Hills and Wyoming transmission network
- Improve transmission system reliability by creating additional operating flexibility
- Help meet future demand growth for electricity and economic development in the region

PROPOSED PROJECT

The proposed Teckla – Osage – Rapid City 230kv line will run from the existing Teckla Substation (50 miles south of Gillette, Wyoming) to the existing Osage Substation at Osage, Wyoming and then to the Lange Substation in Rapid City, South Dakota.

Depending on the final route, the proposed project would:

- Be about 135 miles long
- Be constructed mainly of wood or steel H-frame structures and possibly some tubular steel single pole structures in the Rapid City area; average height of structures is estimated to be 65-75 feet
- Require a right-of-way width of 125 feet

PERMITTING

The project will require approval from the South Dakota Public Utilities Commission, the Wyoming Public Service Commission and the US Forest Service.

TO LEARN MORE

Black Hills Power will host an open house to introduce the proposed project to landowners and other interested members of the public. Staff from Black Hills Power will be available to answer the public's questions and receive public comments about the proposed project. Maps of the proposed routes are available on the BHP web site: http://www.blackhillspower.com/transmission/projects

Tuesday, June 29, 2010
6:00 – 8:30 p.m.
Ramkota Hotel Best Western
2111 N Lacrosse St.
Rapid City, SD

PROJECT CONTACT
Mark Carda
PO Box 1400
Rapid City, SD 57709
Mark.carda@blackhillscorp.com
Phone: (605) 721-2274

Improving life with energy

Black Hills Power

Ron Dahlinger
Director, Engineering
ron.dahlinger@blackhillscorp.com

P 605-721-2220
F 605-721-2323

June 15, 2010

Pennington County Commissioners
Attention: Ms. Holly Hennies
315 St. Joseph Street, Suite 156
Rapid City, SD 57701

RE: New Transmission Line Project information for Pennington County Commission

Dear Ms. Hennies:

Black Hills Power is starting the routing process for a new 230kv line that will be constructed from Teckla, Wyoming to Rapid City, SD. Construction is anticipated to start in 2013 in Wyoming and to be completed to Rapid City by late 2014 or early 2015. We are going to host an informational open house in Rapid City on Tuesday, June 29th to answer questions and document landowner comments that will provide us information to be used in finding the best overall route for this line.

This is the first step in our process to route this line and Black Hills Power wants to provide this information to the Pennington County Commission to make them aware of this important project.

The open house will be advertised in the Rapid City Journal on June 20th and 27th inviting the public. A copy of the advertisement and an informational sheet for this project is enclosed.

Would you please distribute this letter and the enclosed information to the Commissioners?

Thank you, Holly.

Sincerely,

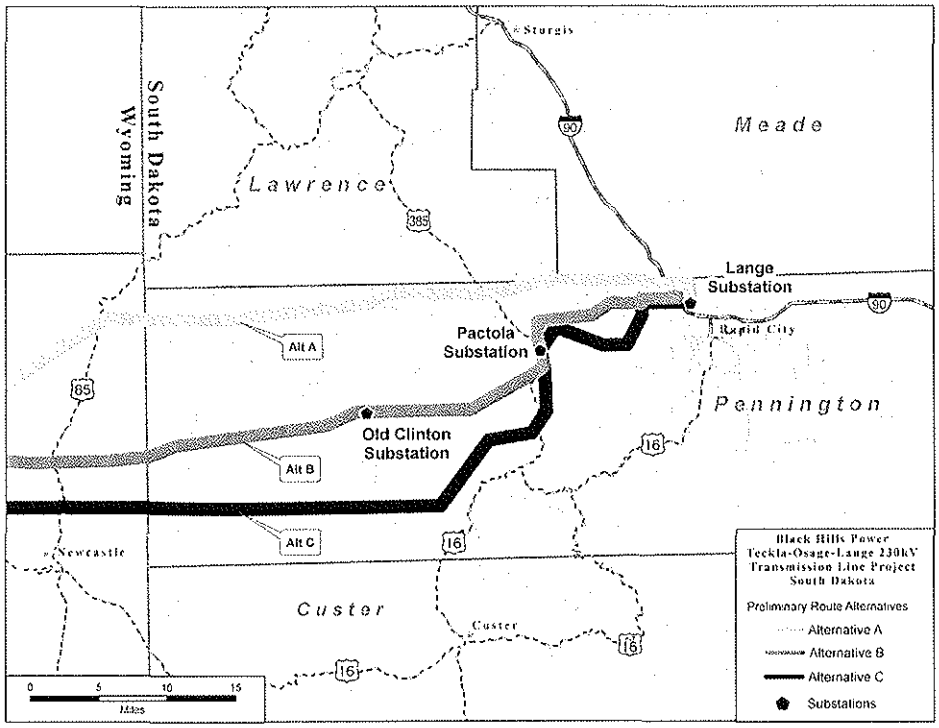
Ron Dahlinger

Ron Dahlinger
Attachments: Newspaper advertisement
Project informational sheet

Informational Open House

Best Western Ramkota Hotel
2111 N Lacrosse St. Rapid City

Tuesday, June 29
6:00 p.m. – 8:30 p.m.



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BHP is planning to engineer and construct a 230kV transmission line from the Teckla substation, located approximately 50 miles south of Gillette, Wyoming to Osage, Wyoming and then to Rapid City, South Dakota. Construction will begin in 2013, and will provide the electric lines needed to transmit electricity to your home or business.

The public is invited to review routing plans, and ask questions of Black Hills Power engineers about the project.

Maps of the proposed routes are available to view at www.blackhillspower.com/transmission/projects.

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BHP Black Hills Power

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Teckla – Osage – Rapid City 230kV Transmission Project

PROJECT PURPOSE AND NEED

The proposed Teckla – Osage – Rapid City 230kv Transmission Line will:

- Strengthen the integrated Black Hills and Wyoming transmission network
- Improve transmission system reliability by creating additional operating flexibility
- Help meet future demand growth for electricity and economic development in the region

PROPOSED PROJECT

The proposed Teckla – Osage – Rapid City 230kv line will run from the existing Teckla Substation (50 miles south of Gillette, Wyoming) to the existing Osage Substation at Osage, Wyoming and then to the Lange Substation in Rapid City, South Dakota.

Depending on the final route, the proposed project would:

- Be about 135 miles long
- Be constructed mainly of wood or steel H-frame structures and possibly some tubular steel single pole structures in the Rapid City area; average height of structures is estimated to be 65-75 feet
- Require a right-of-way width of 125 feet

PERMITTING

The project will require approval from the South Dakota Public Utilities Commission, the Wyoming Public Service Commission and the US Forest Service.

TO LEARN MORE

Black Hills Power will host an open house to introduce the proposed project to landowners and other interested members of the public. Staff from Black Hills Power will be available to answer the public's questions and receive public comments about the proposed project. Maps of the proposed routes are available on the BHP web site: http://www.blackhillspower.com/transmission/projects

Tuesday, June 29, 2010
6:00 – 8:30 p.m.
Ramkota Hotel Best Western
2111 N Lacrosse St.
Rapid City, SD

PROJECT CONTACT
Mark Carda
PO Box 1400
Rapid City, SD 57709
Mark.carda@blackhillscorp.com
Phone: (605) 721-2274

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APPENDIX B KEY STAKEHOLDER MEETINGS

MEETING NOTES

SUBJECT:	Transmission Line Routing and Mining Plans-Powder River Coal, West Roundup Resources-North Antelope Rochelle and School Creek Mine
MEETING DATE:	June 29, 2010
LOCATION:	Gillette, WY
PROJECT NAME:	BHP Teckla-Osage-Rapid City 230 kV
PROJECT #:	117390
PREPARED BY:	Kevin Lincoln

TO:	**BHP**	**POWER**
	Ron Dahlinger	Lynn Askew
	Mark Carda	Mike Walbert

ATTENDEES:

KEVIN LINCOLN
MARK CARDA
KENDRA QUICK

AGENDA ITEMS:

1. Introductions

Introductions were made. Kendra is the point of contact for Cloud Peak. Mark described the project, explaining that we need to route between Teckla substation and Rapid City.

2. Mining Operations

Kendra described their current and future mining plans. They have 2 mines to the east and north of Teckla substation. They are currently mining very near Teckla substation and are keeping a buffer between their current mining and the substation because they fear the vibration from mining activities may damage equipment in the substation. Kendra pointed out that they think they will need to move Teckla substation (likely west, but unsure) within 5 or 6 years so that they can mine that area. Their mining operation is continuing in a westerly direction. They recommended going west out of Teckla before going north to avoid pending leases to the west and north.

MEETING NOTES

SUBJECT:	Transmission Line Routing and Mining Plans-Cloud Peak Energy, Cordero Rojo Mine		
MEETING DATE:	June 29, 2010	*LOCATION:*	Gillette, WY
PROJECT NAME:	BHP Teckla-Osage-Rapid City 230 kV	*PROJECT #:*	117390
PREPARED BY:	Kevin Lincoln		

TO:	**BHP**	**POWER**
	Ron Dahlinger	Lynn Askew
	Mark Carda	Mike Walbert

ATTENDEES:

KEVIN LINCOLN
MARK CARDA
BRAD CLARKE
STEVE WILLIAMS
RUSS HALLCROFT
DICK TURPIN

AGENDA ITEMS:

1. Introductions

Introductions were made. Brad Clarke is the point of contact for Cloud Peak. Steve is a Senior Mining Engineer, Russ is a Senior Project Engineer and Dick is the Lands Manager. Mark described the project, explaining that we need to route between Teckla substation and Rapid City.

2. Mining Operations

Dick described their current and future mining plans. They have 2 mines in our project area, Cordero Rojo in the northwest corner of the study area and Antelope in the southwest corner of the study area. Both areas pose challenges to routing a transmission line.

The Antelope mine will likely continue development in a westerly direction and possibly north, which may encroach on Teckla substation, possibly prompting a relocation of that substation. They anticipate removing and relocating HWY 59 and mining that coal with a possibility of mining as far west as Wright, WY. They mentioned that if we were to follow the main railroad north, and stayed very tight to it, the line may be safe since the coal companies generally will not remove and relocate a railroad.

Dick also pointed out that there is likely minable coal between the Cordero Rojo mine and Coal Creek mine. They anticipate that either they or another coal outfit will mine this area in the future. This is the area that Alternative Corridor A crosses. They recommended not using that alternative.

Cloud Peak also pointed out an area north of Black Thunder mine and south of Coal Creek mine that likely won't be mined. This area is crossed by Alternative Corridor B and was recommended as the likely choice to avoid mining issues. They also mentioned that Alternative Corridor C would likely be opposed by Thunder Basin Coal.

TELEPHONE RECORD

DATE:	July 23, 2010	TIME OF CALL:	
TO:	Black Hills Power	PHONE NUMBER:	
FROM:	Kevin Lincoln	CC:	Lynn Askew, Mike Walbert
TYPED BY:	Wendy Hosman	PROJECT NUMBER:	117390
CLIENT:	Black Hills Power		
PROJECT NAME:	Teckla – Osage – Rapid City 230 kV Line		
SUBJECT:	Mining operations for Black Thunder Mine		

MESSAGE

The brief teleconference with Thunder Basin Coal's Ken Miller regarding Black Thunder Mine last Friday confirmed the fact that they intend to mine the coal under Hwy 450 in 2020, and they will re-locate the Hwy prior to that. They also told us about the meeting on August 12 with the power companies and the mines. They have seen the three alternatives proposed by BHP and that will be the focus of the meeting.

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Meeting Notes

Date: August 12, 2010
Location: Black Thunder Mine Office

Attendees:

Thunder Basin Coal Co.	Ken Miller, Steven Beil, Wendy Hutchinson
Powder River Energy	Matt Davis, Clark Hendrickson
Black Hills Power	Mark Carda

Discussion Items:

1. Matt Davis discussed information related to the Teckla Substation and the potential of a future move due to mine activity. In addition he explained the amount of work required, the number of distribution and transmission lines affected by a move, capital outlay, and timing.

2. I discussed Black Hills Power's need for the Teckla – Osage – Lange 230kV line and why terminating at the Teckla substation is considered to be the best option. I also discussed planning and construction timeline.

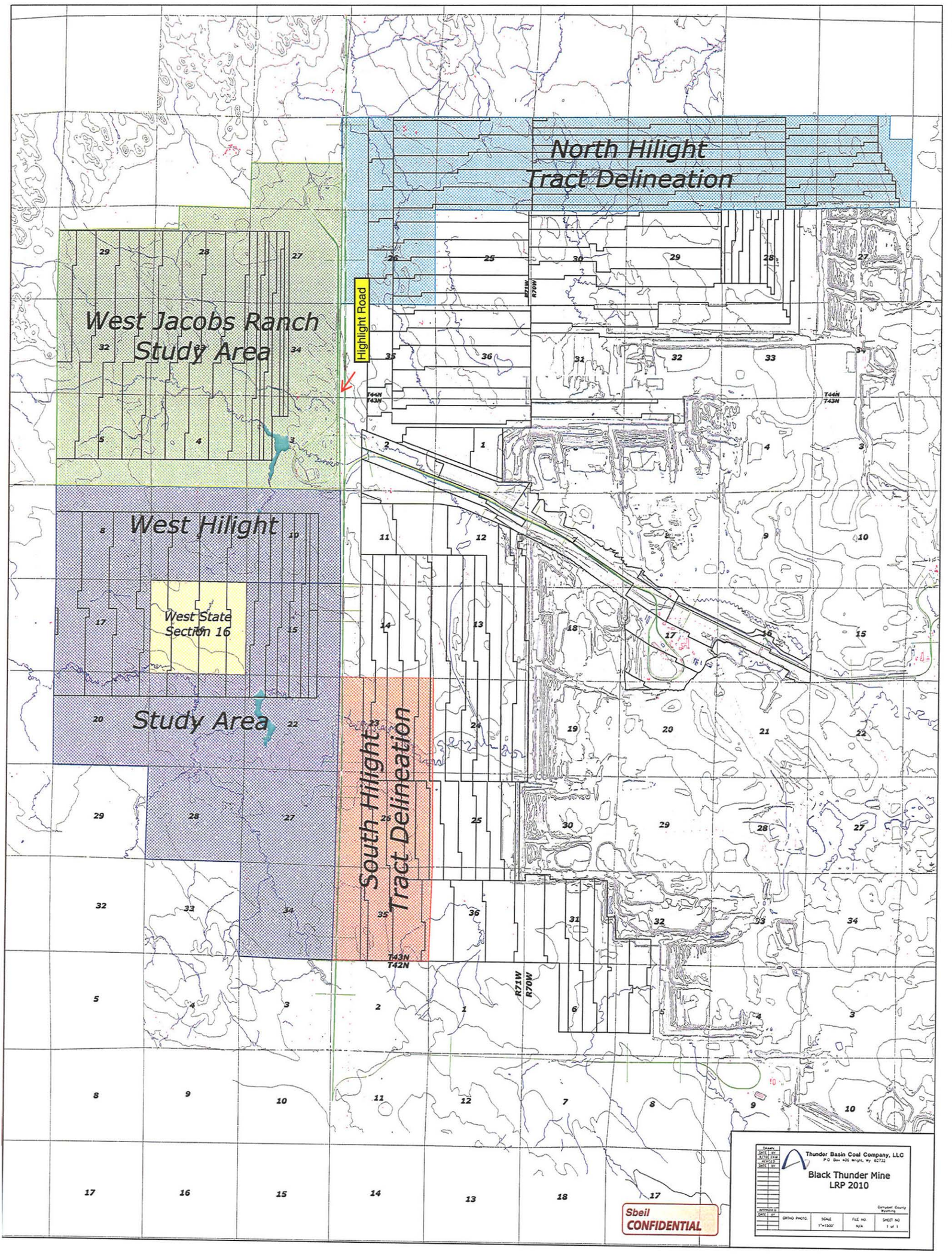
3. Black Thunder talked about future coal mining plans along the Highway 450 route. Depending on release of the West Hilight and West Jacobs Ranch lease areas coal under and along Highway 450 would be mined in 10 or 20 years. That coal seem sits on a 1:1 ratio vs. 4:1 moving west.

4. They suggested building our transmission line along Highlight Road which parallels the railroad tracks running north and south. The agreed it was unlikely Thunder Basin or any other coal mine would compensate the railroad and move the rail line.

5. They also said that if BHP had an interest in a 100 – 125 foot transmission corridor along Highlight Road and the railroad we need to contact the BLM and if agreeable have the BLM adjust Fair Market Value for the West Hilight & West Jacobs Ranch study areas to reduce coal tonnage. Both areas are scheduled for award in 2012.

6. They suggested both Powder River and BHP consider placing facilities east of current mining operations on previously mined property.

7. Matt Davis would continue to evaluate Teckla Substation and the potential move along with discussions with the coal mines on relocation of lines.


North Hilight
Tract Delineation
West Jacobs Ranch
Study Area
Highlight Road
West Hilight
West State
Section 16
Study Area
South Hilight
Tract Delineation
T44N
T43N
T43N
T42N
R71W
R70W
Thunder Basin Coal Company, LLC
P.O. Box 406 Wright, Wy. 82732
Black Thunder Mine
LRP 2010
Campbell County
Wyoming
ORTHO PHOTO
SCALE
1"=1320'
FILE NO.
N/A
SHEET NO.
1 of 1
Sbell
CONFIDENTIAL

MEETING MINUTES

SUBJECT:	Pete Lien Quarry Property		
MEETING DATE:	October 21, 2010	*LOCATION:*	
PROJECT NAME:	Black Hills Power: Teckla-Osage-Rapid City 230kV Transmission Line	*PROJECT #:*	117390
PREPARED BY:	Kira Kefer		

TO:	**Black Hills Power**	**Pete Lien**
	Chuck Loomis	Joel Brannan
	Mike Fredrich	Jim Feehan
	Ron Dahlinger	
	Mark Carda	

AGENDA ITEMS:

Discussed routes A, B & C. Pete Lien would prefer avoiding crossing their property. If not feasible, to cross at a point that would reduce mining conflicts. Pete Lien shared a map showing current and future mining. Map had BHP routes overlaid on map. Discussion of Pete Lien's future mining plans and several potential alternatives.

Based on information received, it appears northerly route would be best for Pete Lien. Pete Lien indicated they are interested in working with BHP to find a solution and route that would work with both parties. Any route would have to be approved by the Pete Lien Board of Directors.

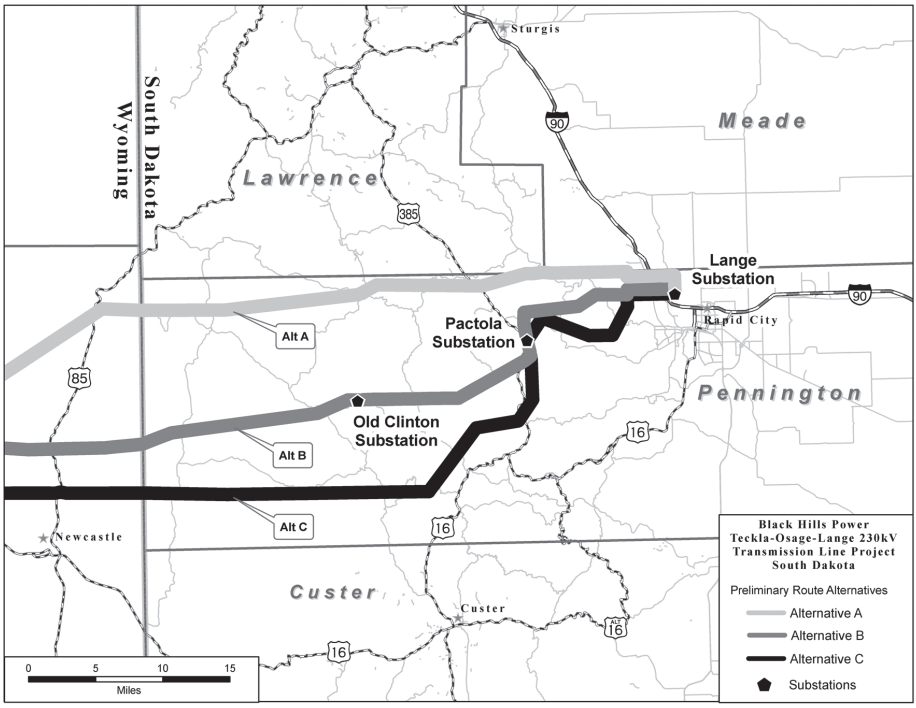
Pete Lien agreed to email a copy of mine map so additional planning could be done.

APPENDIX C OPEN HOUSE HANDOUTS AND BOARDS

Informational Open House

Best Western Ramkota Hotel
2111 N Lacrosse St. Rapid City

Tuesday, June 29
6:00 p.m. – 8:30 p.m.



Black Hills Power has provided the Black Hills safe, reliable energy for more than 126 years. Making sure you have the power you need is a responsibility we take seriously.

BHP is planning to engineer and construct a 230kV transmission line from the Teckla substation, located approximately 50 miles south of Gillette, Wyoming to Osage, Wyoming and then to Rapid City, South Dakota. Construction will begin in 2013, and will provide the electric lines needed to transmit electricity to your home or business.

The public is invited to review routing plans, and ask questions of Black Hills Power engineers about the project.

Maps of the proposed routes are available to view at www.blackhillspower.com/transmission/projects.

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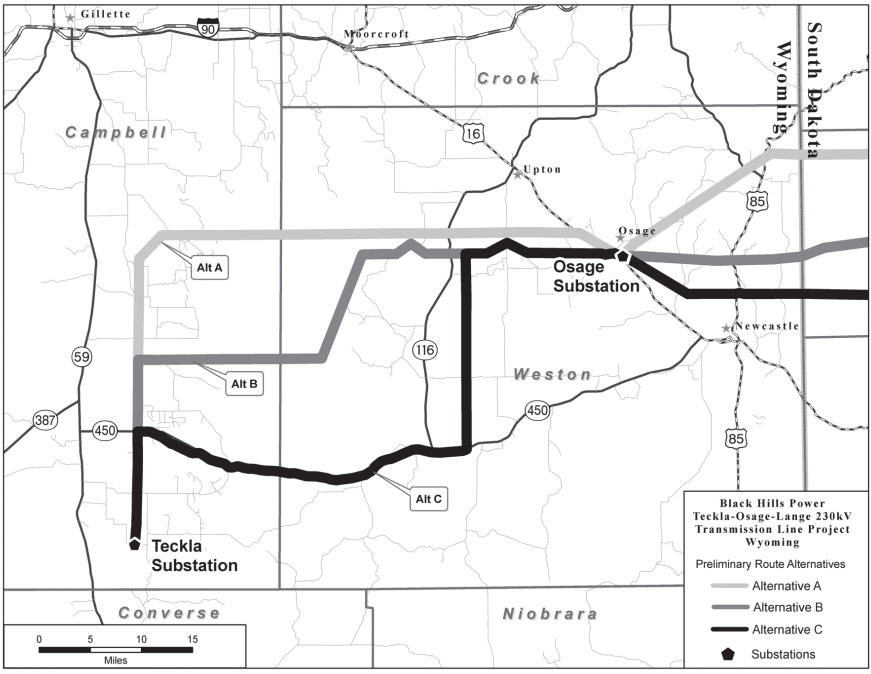
BHP-SD-EL14-061-000118

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Informational Open House

Weston County Senior Services Bldg.
627 Pine St.
Newcastle, Wyoming

Monday, June 28
6:00 p.m. – 8:30 p.m.



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BHP is planning to engineer and construct a 230kV transmission line from the Teckla substation, located approximately 50 miles south of Gillette, Wyoming to Osage, Wyoming and then to Rapid City, South Dakota. Construction will begin in 2013, and will provide the electric lines needed to transmit electricity to your home or business.

The public is invited to review routing plans, and ask questions of Black Hills Power engineers about the project.

Maps of the proposed routes are available to view at www.blackhillspower.com/transmission/projects.

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Fact Sheet • Black Hills Power

Teckla – Osage – Rapid City 230 kV Transmission Line

Introduction

Black Hills Power (BHP) proposes to build and operate a new 230 kV transmission line from Teckla Substation to Osage Substation to Lange Substation. The line will be about 135 miles long running from northeastern Wyoming to the Rapid City area in South Dakota.



Purpose, Benefit & Need

The proposed Teckla – Osage – Rapid City 230 kV Transmission Line project will:

- Strengthen the integrated transmission network.
- Improve transmission system reliability by creating additional operating flexibility.
- Help meet future demand growth for electricity and economic development of the region.

Project Details

The proposed Teckla – Osage – Rapid City 230 kV line will run from the existing Teckla Substation in northeastern Wyoming (south of Gillette, Wyoming) to the existing Osage Substation (at Osage, Wyoming) to the existing Lange Substation (at Rapid City, South Dakota).

Depending on the final route, the proposed project would:

- Be about 135 miles long
- Be constructed mainly of wood or steel H-frame structures with the possibility of some tubular steel self-supporting towers in the Rapid City area; average height of 65-75 feet
- Require a right-of-way width approximately 125 feet
- Typical ruling span length of 800 to 900 feet between structures

An initial siting study will be performed to identify several reasonable alternatives for the transmission line route; the company has not selected a preferred route. Construction will begin once all necessary permits have been received. The Teckla to Osage portion of the line is expected to be placed in service in 2014 and the Osage to Rapid City portion of the line is expected to be placed in service by 2015.

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Wyoming PSC & South Dakota PUC Applications

Black Hills Power will be submitting an application for Certificate of Public Convenience and Necessity to the Wyoming Public Service Commission and an application for an Energy Facility Siting Permit to the South Dakota Public Utilities Commission.



Compliance with Federal Environmental Regulations

Black Hills Power is contacting and discussing compliance with federal environmental regulations with the Black Hills National Forest, Thunder Basin National Grassland, and BLM.

Private land potentially crossed by the Teckla-Osage-Rapid City 230 kV transmission line has not yet been identified because the initial siting study has not been completed.

Contact Information

If you have questions or comments about the project, please contact:

Mark Carda, Manager of T&D Engineering
Black Hills Power
Phone: (605) 721-2274
Email: Mark.Carda@blackhillscorp.com

Additional information can be found at our website:
www.blackhillspower.com/transmission/projects

BHP-SD-EL14-061-000123

Electric and Magnetic Fields (EMF) Facts

Teckla – Osage – Rapid City 230 kV Transmission Line

What are Electric and Magnetic Fields (EMF)?

EMF is naturally present in the environment and is present wherever electricity is used. The earth has both a magnetic field produced by currents in the molten core of the planet and an electric field produced by electrical activity in the atmosphere, such as thunderstorms. The flow of electricity along transmission lines also produces low levels of EMF.

What is the Difference Between Electric and Magnetic Fields?

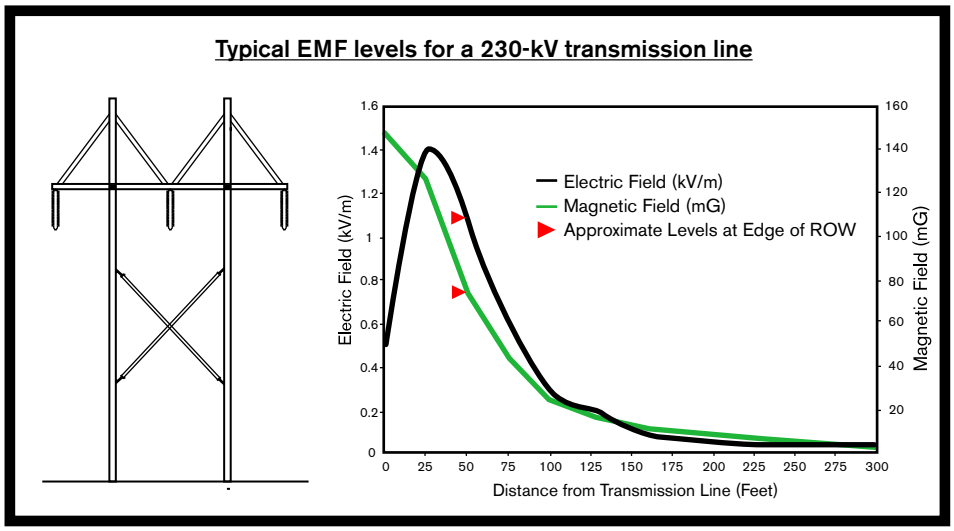
Electric fields are produced by voltage, which is the pressure behind the flow of electricity. Voltage creates electric fields around any electrical device that is plugged in even if it is not operating. Magnetic fields are produced by current, which is the flow of electricity when the device is operating. For instance, plugging in a lamp applies voltage and an electric field to the cord. When the lamp is turned on, magnetic fields are produced around the cord. Electric fields are measured in volts or kilovolts per meter (V/m or kV/m). Magnetic fields are measured in milligauss (mG) or microTeslas (uT).

What are Typical Exposure Levels to EMF?

Everyone is constantly exposed to about 500 mG from the earth's magnetic field and 100 V/m from the earth's electric field. However, thunderstorms can temporarily increase the electric field in a given location to several thousand V/m. In addition to the earth's natural fields, the average household background magnetic field is about 1 to 2 mG and the average background electric field is 1 to 20 V/m.

What are the Typical EMF Levels Near Overhead Transmission Lines?

The EMF are usually the highest directly under the lines and decrease rapidly with distance to the sides of the line. Actual field strengths vary with the size of the lines and height of the conductors from the point of measurement. Electric fields from power lines are relatively stable because the voltage does not change. Magnetic fields fluctuate as current changes in response to increasing and decreasing loads.



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What EMF Health Research Has Been Done?

Research related to possible adverse health effects from EMF exposure has been in progress for more than 30 years. In 1992, The U.S. Congress directed the National Institute of Environmental Health Sciences (NIEHS) to direct the EMF Research and Public Information Dissemination Program (EMF-RAPID). The EMF-RAPID Program goal was to provide evidence to clarify potential health risks from EMF exposure. To date, the evidence suggesting that EMF exposures cause health risks is weak.

There are no standards established for safe levels of exposure to EMF. Some organizations have set advisory limits as a precautionary measure. The International Commission on Non-Ionizing Radiation Protection has established a continuous magnetic field exposure limit of 833 mG and a continuous electric field exposure limit of 4.2 kV/m for members of the general public. The American Council of Governmental Industrial Hygienists has set a Threshold Limit Value (TLV) for occupational exposure to 60 Hz (60 cycles per second) frequency magnetic and electric fields. Electricity in North America produces EMF at 60 Hz. The TLV for magnetic fields at 60 Hz is 10,000 mG and 25,000 kV/m for electric fields.

Where Is There More Information About EMF Health Research?

Environmental Health Information Service

http://ehis.niehs.nig.gov/emfrapid/

Minnesota State Interagency Working Group on EMF Issues

http://www.health.state.mn.us/divs/eh/radiation/emf/emfrept.pdf

California Department of Health Services-California EMF Program

http://www.dhs.ca.gov/ps/deodc/ehib/emf/general.html

Medical College of Wisconsin, Electromagnetic Fields and Human Health

http://www.mcw.edu/gcrc/cop/powerlines-cancer-FAQ/toc.html

World Health Organization

http://www.who.int/emf

BHP-SD-EL14-061-000125

Transmission Line Right-Of-Way and Easements

Teckla – Osage – Rapid City 230 kV Transmission Line

Landowners have basic protections under state and federal laws that regulate acquisition of real estate for public use to build transmission lines and substations. Black Hills Power will follow the standard sequence of practices described below for acquiring easements.

Abstract of Title

The utility right -of-way representative will complete a search of the public records of all lands involved in the project. A title report will be developed to include the legal description of the property, the owner(s) of record of the property, and information regarding easements, liens, restrictions, encumbrances, and other conditions of record.

Survey Permission

A right-of-way representative will contact each property owner or his or her representative to inform them of the project. The right-of-way representative will describe the need for the transmission line and how it may affect the property. The utility's survey crews then will enter the property to complete preliminary survey work.

Survey Staking

After the transmission line design is completed, a survey crew will stake the line. This requires the survey crew access to your land to determine the location for each structure. They will mark the locations with surveyor's stakes. Then the right-of-way representative can show landowners exactly where the structure(s) will be located on their property and discuss any concerns related to the location.

Document Preparation

The utility will prepare all of the documents required to complete each transaction. Some of the documents that may be required include survey permission easement, purchase agreement, or deeds.

Acquisition Process

The utility's representative will review each property on which easement rights are to be acquired to determine the appropriate amount of compensation for the rights. In the event that a complicated appraisal problem exists, or if statutory requirements in the local jurisdiction dictate, the utility's representative will complete an appraisal to determine the value of the rights. The utility will make an offer to the owner to obtain the property rights.

Negotiations

The utility right-of-way representative will begin the negotiating process by presenting the required legal document(s) to the property owner. The representative also will provide maps of the transmission line route, maps showing the landowner's parcel, and an offer of compensation for the easement or purchase. The landowner will be allowed a reasonable amount of time to consider the offer and respond.

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Negotiated Settlement

In nearly all cases, the utility's representatives are able to work with the landowners to address their concerns and to arrive at negotiated settlements that are fair and acceptable to all parties. However, in rare cases when negotiated settlements are not possible, the utility has the right to have an independent third party determine the value of the rights. This is accomplished through the exercise of the utility's right of eminent domain. The process of exercising the right of eminent domain is called condemnation.

Acquisition By Eminent Domain (Condemnation)

In any project that requires easements for transmission line construction, the goal is to offer fair and equitable compensation to landowners. The utility will initiate condemnation proceedings only when reasonable efforts to negotiate an agreement on just compensation have failed.

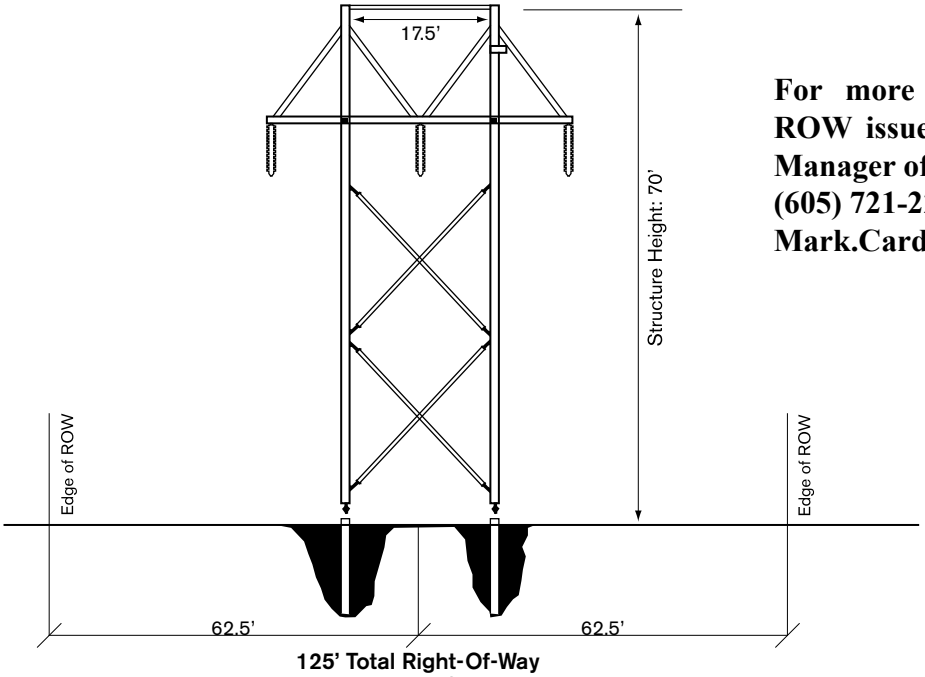
Construction

Once the easement or land rights have been acquired and immediately prior to construction, the utility's right-of-way representative will contact the property owner and discuss the construction schedule. During construction the following may be required:

- Temporary removal or relocation of certain fences
- Installation of temporary gates (or permanent gates at landowner's request)
- Removal or relocation of vegetation, equipment and livestock from the right of way

Restoration and Cleanup

The right-of-way representative will contact each property owner after construction is completed to see if any damage has occurred as a result of the utility's project. If damage has occurred to crops, fences, or the property, the utility will reimburse the landowner fairly for the damages. In some cases the utility may engage an outside contractor to restore the damaged property as near as possible to its original condition.



125' Total Right-Of-Way
230 kV H-Frame Structure
Right-of-Way Requirements

For more information or questions on ROW issues, please contact Mark Carda, Manager of T&D Engineering at (605) 721-2274, or Mark.Carda@blackhillscorp.com.

What is an easement?

An easement is a permanent land right acquired by a person or party to use the land or property of another for a special purpose. Landowners are paid for the easement and can continue to use the land for most purposes, such as agriculture and lawns.

How wide will the right-of-way need to be for the proposed transmission line?

Black Hills Power is proposing to acquire an easement 125-feet-wide. This will include the right to install down guys and anchors outside this strip of land.

What is the difference between a right-of-way and an easement?

These terms are used interchangeably. But an easement is the document that transfers the permanent land right, and the right-of-way is the land area described in the easement on which the facilities are located.

What easement rights will be needed for the transmission line construction?

A transmission line project requires an easement that allows for surveying, constructing, operating, and maintaining a transmission line across a defined strip of the landowner's property.

What landowner activities are allowed within the easement area?

Land within the right-of-way may be used for any purpose that does not interfere with constructing or operating the transmission line. In agricultural areas, the land may be used for crop production and pasture. In areas where the land will be developed, streets, lawn extensions, underground utilities, curb and gutters, etc., may cross the right-of-way with the utility's permission.

What are the main building and planting restrictions in the easement?

The primary building and planting restrictions prohibit constructing buildings or structures within the right-of-way strip and planting tall growing species of trees in the right-of-way strip.

Why can't buildings or tall-growing vegetation be placed in the right-of-way?

If a building, structure or tall-growing vegetation located within the right-of-way were to catch fire, it could burn into the transmission line and take it out of service for an extended period. Additionally, tall-growing vegetation can cause interruptions in service if they grow into or fall on the transmission line. When a power line is out of service it affects thousands of people who are not able to heat and light their homes or businesses. At certain times of the year, especially during winter months, outages not only are an inconvenience, but they may become life-threatening. Utilities have determined that the best way to prevent the possibility of these types of outages is to restrict structures and vegetation within the right-of-way. In addition, if an outage occurs, line workers must be able to get to the line. Buildings or other structures and dense vegetation within the right of way could hamper line maintenance crews and slow repairs to downed lines.

Why doesn't the utility buy a strip of land for the line instead of taking an easement interest?

Utilities occasionally purchase rights-of-way for transmission lines in fee title. However, we have found that in most cases, landowners prefer to retain ownership of the property so they can maintain better control over its use, subject to the limitations of the transmission line easement. In many cases, this provides the landowner with continued use of the property for such things as agricultural operations, yard extensions, or open areas adjacent to residences. In each of these cases, the property continues to contribute positively and productively to the owner as well as to the public. Utilities simply must protect their rights to operate transmission lines. In most cases, adjacent uses pose no threat to the lines nor do they create hazards to the public.

For more information or questions on ROW issues, please contact Mark Carda, Manager of T&D Engineering at (605) 721-2274, or Mark.Carda@blackhillscorp.com.

BHP-SD-EL14-061-000128

Project Need and Benefits

The proposed Teckla - Osage - Rapid City 230 kV Transmission Line project will:

- Strengthen the integrated transmission network.
- Improve transmission system reliability by creating additional operating flexibility.
- Help meet future demand growth for electricity and economic development of the region.



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Public Involvement

National Environmental Policy Act Process

To be conducted by Black Hills National Forest and Thunder Basin National Grassland

- Notice of Intent (NOI) to prepare an Environmental Impact Statement (EIS) posted in Federal Register/Local notices

- Public Scoping Period

- Preparation of Draft EIS

- Notice Of Availability of Draft EIS posted in Federal Register/Local notices

- Receive public comments on Draft EIS

- Public Meetings(s) (at lead agency option)

- Revise EIS if necessary based on public comments/respond to comments

- Prepare and distribute final EIS and Record of Decision

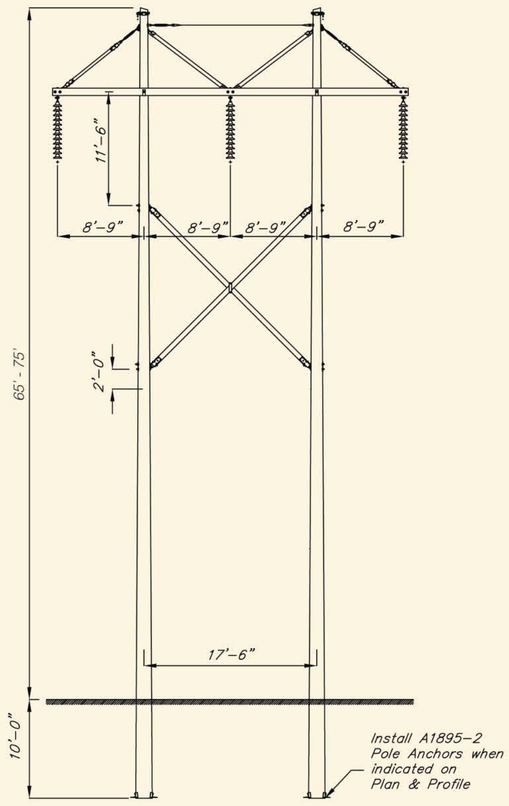
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BHP-SD-EL14-061-000132

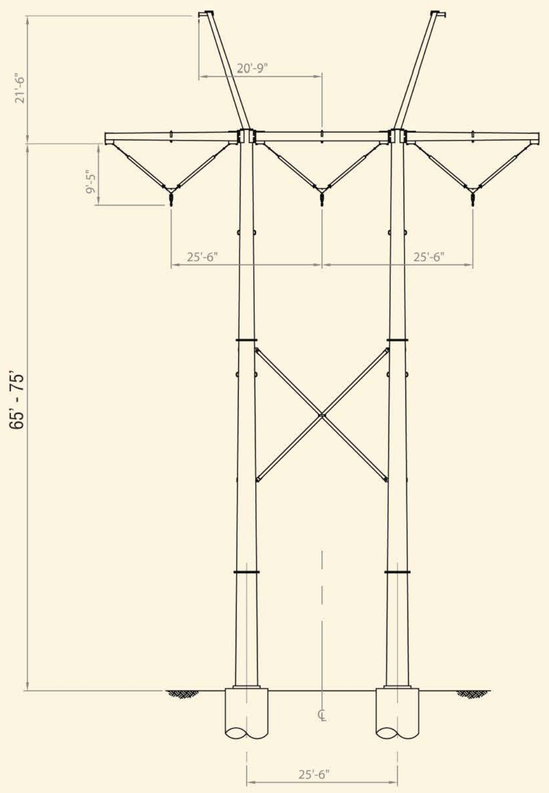
Structure Types

Wood H-Frame



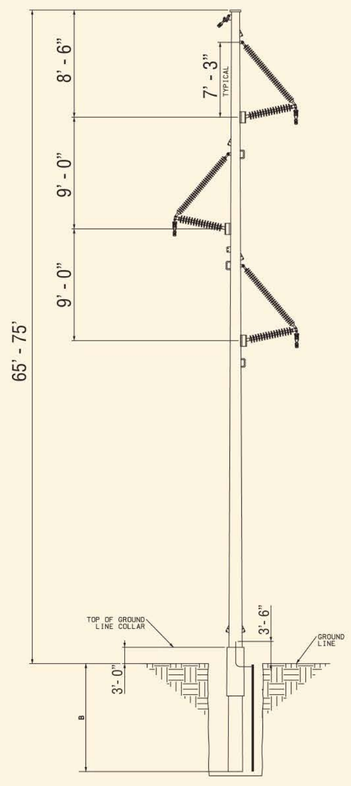


Steel H-Frame





Tubular Steel Single Pole

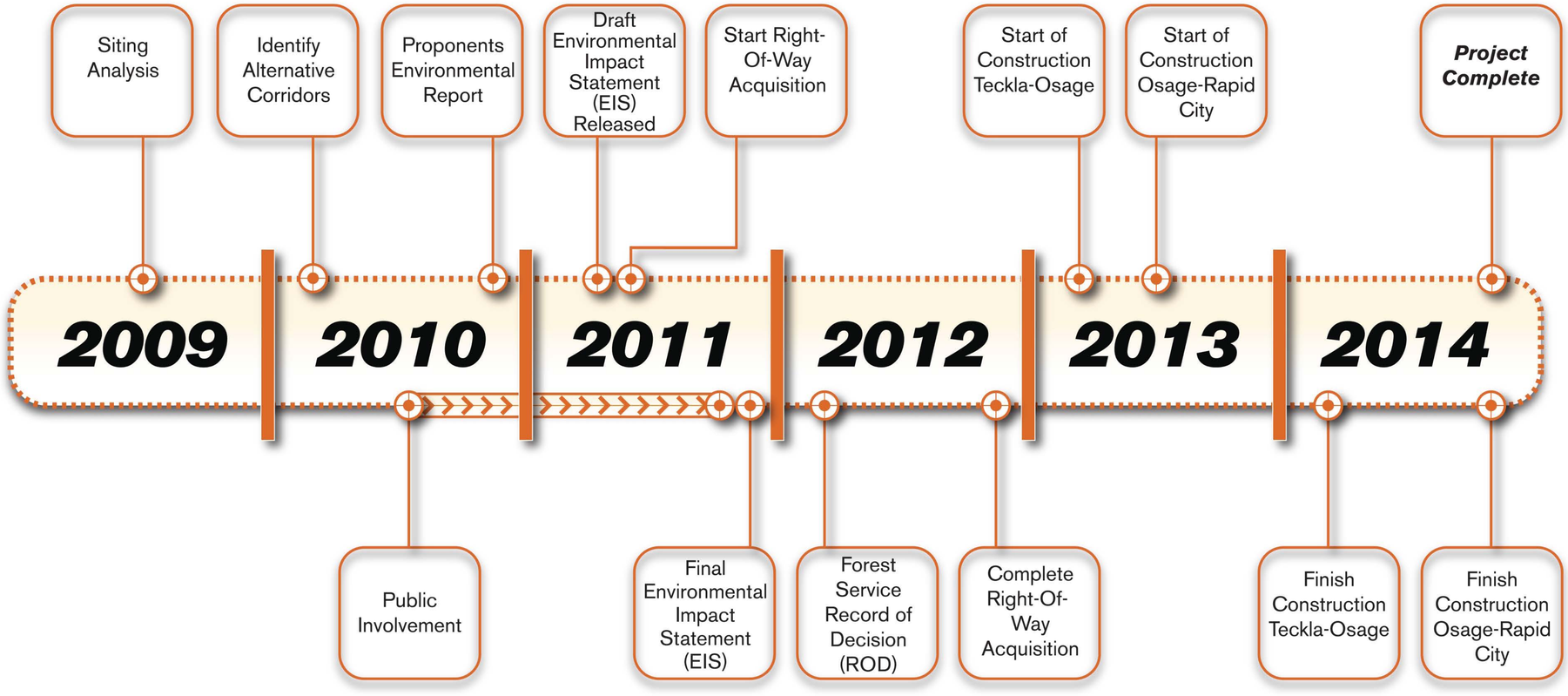




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Tentative Project Schedule



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BHP-SD-EL14-061-000136

APPENDIX D PUBLIC COMMENTS

E-mail

Name	Mailing Address	Phone Number	
Jamie Shepperson	Box 305 Upton Wy	468-2225	
Linda Elliott	509 Mush Cr Rd, Newcastle Wy	746-9483	lindakelliott@hotmail.com
Roger + Sharon Johnson	PO Box 758 Upton Wy	468-2226	
JAMES MARTENS	BOX 214 UPTON WYO	746 5977	JEMART@i2Connect.NET
ALAN Todd	Box 795 Upton Wy	468 2553	
Jerry Shepperson	Box 614 Upton Wyo	468-2723	
Nate Todd	841 Raven Cr Rd. Upton WY	746-3058	
Bob Bonnar	23284 US Hwy 85	746-8726	editor@newsuj.com
Carole Boos	10169 Elk Mt. Rd Dewey	749-2245	carole@elkmt.info
Pat Hornbuckle	27669 Dewey Rd. Elmont	605 890-6289	
Stanley Hardesty	Box 51 Wyoming WY 82845	307-751-2244	jtca@rangeweb.net
Tami Blair Bishop	Box 16 Rozet, WY 82727	307-660-5305	
Mike Ratigan	25090 Hwy 85 Newcastle	307-746-3609	
Dwight Elliott	366 Mush Creek Rd	307-746-2045	

Name	Mailing Address	Phone Number	
Lynn Kolund	330 Mt Rushmore Custer	cell 605-673-1927	– Forest Service
*↓ DAN MARK			
Dave Schultz	945 Upton	307-468-2490	
Cory Peterson Richard W Jr Janice D	Box 301 Upton Wy	307 468-2878	
KEN & BECKY ATOR	65 PINE TOP	746-2582	
Terry DeBeer	1025 Wood ST #12	746-3634	
Cary Colvard	2736 Hwy 450 Newcastle	746-9171	
Tracy Jones	PO B 930, Sundance	283-4951	– NEWYSG / PRECORP.
RICHARD GARRETT	262 LINCOLN ST LANDER	307.349.2423 WYO OUTDOOR COUNCIL	
MICHAEL TURNER	325 ERTMAN RD	746 2592	
Bob Kelley Williamson	833 So. Summit	941-1208-941-0741	
↓ JOE SANDRINI	P.O. BOX 615	746-2102.	

BHP-SD-EL14-061-000141

* did not get letter.

Name	Mailing Address	Phone Number
Wayne Christensen	90 Christensen Rd	746-2019
Stan Sostrum	PO Box 705	746-2374
SHERRON SANDRINI	P.O. 615 Newcastle	746-4324
Lou SANDRINI		
Paul Schueler	P.O. Box 561 Newcastle	746-3665
Michael Winkler	Box 527, Newcastle	746-2340

BHP-SD-EL14-061-000142

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

(2)

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Candy KEELINE HARDESTY

Address: P.O. Box 51

City/State/Zip: WYARNO, WY 82845

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☑ Project flyer
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I WOULD STRONGLY OBJECT + DISCOURAGE ROUTE B AS IT GOES THRU "VIRGIN" UNDEVELOPED LAND - IT IS A TROPHY ELK HABITAT.

Route C would go along Hwy 450 and be so much better than B

WE OWN land in Both of THESE ROUTES

(Please see back)

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Black Hills Power

BHP-SD-EL14-061-000144

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Ronnie Hein

Address: 23447 N Hwy 85

City/State/Zip: Newcastle WY 82701

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I believe going down the old ROW from Osage → Old Clinton Sub → to Pactola then to RC would be & should be the Route used & As most of the ROW should all ready be in place and would be the most direct Route.

I will only be able to support Route B

Thank You,

Ronnie Hein 7.24.2010

(Please see back)

RONNIE & DEBRA HEIN
BOX 884
NEWCASTLE, WY 82701

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Black Hills Power

BHP-SD-EL14-061-000146

TECKLA - OSAGE - RC

CONTACT # _____

RIGHT OF WAY CONTACTS

Owner (s) Jim Hoffman **Date** 7/23/10

Time _____

Telephone # 1-605-848-2923

Type of Contact _____

Witness Present _____ **Parcel #** _____

Legal Description _____ **S** 25 **T** 48N **R** 61W

_____ **S** _____ **T** _____ **R** _____

_____ **S** _____ **T** _____ **R** _____

Comments and Remarks: S25 T48N R61W CORNER TO EAST

OWNLANDS @ S25/S30 ROUTE A

HAS LAND IN THAT AREA.

(ROUTE WY 70, MILE 17 & 18) pg. 13

CONTACT # _____

RIGHT OF WAY CONTACTS

Owner (s) Lolly MARTIN **Date** 7/26/10

Time 1:30

Telephone # 1-307-746-4156

Type of Contact _____

Witness Present _____ **Parcel #** _____

Legal Description PROPERTY **S** 17 **T** 46 **R** 61 W

" **S** 8 **T** 46 **R** 60 W

S _____ **T** _____ **R** _____

BETWEEN - OSAGE & STATE LINE

Comments and Remarks:

ALTERNATE B GOES ACROSS LAND IN SEC 17, 46, R61W
HAS HOME IN THAT SECTION.
DOES NOT LIKE ALTERNATE 'B'

CONTACT # _____

RIGHT OF WAY CONTACTS

Owner (s) CLYDE RUSSELL **Date** 8/3/10

_____ **Time** _____

_____

_____

Telephone # 1-307-464-6749

Type of Contact _____

Witness Present _____ **Parcel #** _____

_____

_____

Legal Description _____ **S** _____ **T** _____ **R** _____

_____ **S** _____ **T** _____ **R** _____

_____ **S** _____ **T** _____ **R** _____

Comments and Remarks: WYOMING OWNER

RECEIVED VOICE MAIL

DOESN'T HAVE A COMPUTER AND WOULD LIKE TO HAVE MAP MAILED.

ALSO SAID THAT ANY ROW WOULD ONLY COME AFTER A FIGHT - BLM HAD WITNESS HIM IN THE PAST.

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: WEINREIS BROTHERS DEVELOPMENT

Address: PO BOX 367

City/State/Zip: MINATARE NE 69356

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

THE WYOMING CLUB IS NEARING THE FINAL PERMITTING STAGES OF AN UPSCALE RESORT, GOLF AND SPORTING CLUB COMMUNITY LOCATED ON (SEE ATTACHED LEGAL DESCRIPTION) IN WESTON COUNTY WYOMING.

A FAIR AMOUNT OF ROAD WORK, TREE CLEARING AND THINNING IS COMPLETE AS WELL AS A MADISON WELL THAT IS NEARING COMPLETION.

WEINREIS BROTHERS WOULD HAVE GREAT CONCERN IF AN OVERHEAD TRANSMISSION LINE WAS TO BE ROUTED THROUGH THIS PROPERTY.

PLEASE CONFIRM WHETHER OR NOTE THE LEGAL DESCRIPTION ATTACHED IS INVOLVED IN ANY OF THE PROPOSED TRANSMISSION ROUTES.

Chuck Weinreis 8-3-10

chuck@cowtownusa.net *(Please see back)*

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WEINREIS BROTHERS DEVELOPMENT

1. ***Description of Property:***

Township 45 North, Range 61 West of the 6th P.M.

Section 3: Lots 3 and 4, S1/2NW1/4

Township 46 North, Range 61 West of the 6th P.M.

Section 26: SW1/4, S1/2,SE1/4
Section 27: SE1/4, S1/2SW1/4
Section 33: NE1/4NE1/4
Section 34: All
Section 35: NW1/4, N1/2NE1/4, NW1/4SW1/4
All in Weston County, State of Wyoming.

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

(15)

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name:	Michael E. Worden
Address:	59 Pine Top Drive, P. O. Box 627, Newcastle, WY 82701-0627
City/State/Zip:	Newcastle, WY 82701-0627

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☒ Other Phone Call from PHPL Manager

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I moved to Pine Top Estates in 2003 thinking this was THE place to build. Only one power line existed, no fences, and neighbors were few. I knew that neighbors would continue to build on the lots in the neighborhood and was accepting of that fact. With the building of fences to the South of Pine Top Drive and other neighbors outside of Pine Top Estates, the pristine, live in the woods feeling began to disappear. The Wyoming Club has since started construction on their project across the Salt Creek Valley from us, and will forever change our view. I felt strong enough when beuilding my own home that all utilites are buried under

(Please see back)

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Black Hills Power

BHP-SD-EL14-061-000156

2. Please provide any additional comments you may have on the project.

ground.
The reasoning behind doing this besides the view was the number of trees we would have to sacrifice in order to have an electrical connection to our house.
With the construction of BHPL's new 230 KV transmission line I again feel threatened with anouther encroachment on my private property rights. The fact that eminent domain can cross my property and cut down my trees for safety reasons reinforces the feeling that I have lost my spot in paradise.
I would ask that your transmission line be constructed at least one mile South of our turn off from the highway by the scenic turn out NOrth of Newcastle. No trees in a considerable distance would need to be sacrificed, as well it will be built a fair distance from homes along the edge of this corridor.

Michael E. Wurden

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

CONTACT # _____

RIGHT OF WAY CONTACTS

Owner (s) LARRY PARKER **Date** 8/26/10

Time _____

parkerlarry@rtconnect.net

Telephone # 307-746-3201

Type of Contact _____

Witness Present _____ **Parcel #** _____

Legal Description

E½SE¼ **S** 33 **T** 46N **R** 61W

SE¼NE¼ **S** 33 **T** 46N **R** 61W

_____ **S** _____ **T** _____ **R** _____

Comments and Remarks:

WAS LOOKING FOR MORE INFO. (BETTER MAP), SHOWING LINE. BHP WEB-SITE TO SMALL

TOLD HIM I COULD EMAIL LARGE MAP PAGE.

I SENT PROJECT PAGE 12. PROPERTY IS ON ROUTE @ MILE 12-13.

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

(16)

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Robert & Shelly Williamson

Address: a Navajo - P.O Box 638 Route no WY 090 proposed to Build

City/State/Zip: Newcastle, WY 82701

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☒ Other Phone Call by Jim

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

We own property at 282 Oil Creek, near Four mile Creek. The power lines already go over our property. Between Schuelers & Williamsons and we have a proposed Building site near the power poles up on top north of the poles. We have already built a road & have been trying to decide the final site of our 2/3 Bedroom Home & Garage. We Need Our Requests for directions of the line to Be taken very seriously. Placement It's a great place to Build. (Please see back)

A/C How much power is given out if we do Build?

Are there Voltage testing (Damage to People who live nearby.)

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BHP-SD-EL14-061-000160

2. Please provide any additional comments you may have on the project.

LOT 2 S34, T4N, R62W

7282 OIL CREEK ROAD

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

4y 90/100

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Mark Pieloch

Address: P.O. Box 326

City/State/Zip: Syracuse, NE 68446

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

To minimize the environmental impact and the impact to wildlife, I would recommend

Alternative C as #1 Priority

Alternative B as #2 Priority

Alternative A as #3 Priority

Thanks,

Mark Pieloch

07-26-2010

(Please see back)

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BHP-SD-EL14-061-000162

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Luke Hoch

Address: PO Box 83

City/State/Zip: Deadwood, SD 57732

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I am concerned that a transmission line crossing my property would affect its value and pose a risk for damage (erosion caused by equipment and vehicles, possible fires)

I would not want to live and raise a family close to such an installation as I believe in its adverse effect on the human health.

(Please see back)

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Black Hills Power

BHP-SD-EL14-061-000164

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: RUSSELL D. DAVIS

Address: 935 BEAVER CR RD

City/State/Zip: NEWCASTLE, WYO. 82701

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

no comment

(Please see back)

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BHP-SD-EL14-061-000166

Registration

Teckla – Osage – Rapid City 230 kV Transmission Line

	Name	City + ADDRESS
1.	Rost, Mary + Denver	6907 Ridgeview Dr. Black Hawk SD 57718
2.	JUSTIN PATCHA - BH FOX NEWS	12050 Skyline Dr. 605 394-7777 x130
3.	Allen Donald	6790 Nameless Cave Rd, R.C. 57702
4.	Mark Reddekopp	PO Box 4999 Hill City
5.	David Barker & Kopikoff	USFS.
6.	CHUCK ELLINGTON	1355 KINGS RD RC SD 57702
7.	Marcia Elkins	300 Sixth St RC SD 57702
8.		
9.		
10.		
11.		
12.		
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19.		
20.		

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Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

34

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: MARK RUDDEFORTH

Address: 23570 HWY 385 / P.O. BOX 499, HILL CITY, SD 57745

City/State/Zip: HILL CITY 57745

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☒ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

IF ALTERNATIVE C IS CHOSEN IT SHOULD FOLLOW THE EXISTING 69KV LINE JUST NORTH OF SHERIDAN LAKE ROAD AND HWY 385. OUR PROPERTY, HORSE CREEK INN RESORT, LIES WITHIN THE ALTERNATIVE C CORRIDOR. IF THE NEW LINE WERE TO CROSS OUR PROPERTY IT WOULD AFFECT THE RESTAURANT, RENTAL CABINS AND RV PARK AND WOULD SPOIL THE SCENIC BEAUTY WHICH ATTRACTS OUR CUSTOMERS. THE EXISTING 69KV LINE IS NOT VISIBLE FROM THE PROPERTY, AND USING THE SAME ROW FOR THE NEW LINE WOULD SATISFY MY CONCERNS.

(Please see back)

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Black Hills Power

BHP-SD-EL14-061-000170

2. Please provide any additional comments you may have on the project.

TONIGHT'S MEETING WAS NOT WELL PUBLICIZED IN MY OPINION. PLEASE MAKE AN EFFORT TO INFORM THOSE POTENTIALLY AFFECTED. DIRECT MAILINGS TO PROPERTY OWNERS ALONG THE PROPOSED CORRIDORS COULD HAVE - AND SHOULD HAVE - BEEN DONE.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

BHP-SD-EL14-061-000171

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Lynn Kolund - Hell Canyon Ranger District

Address: 330 Mt Rushmore Road

City/State/Zip: Custer, SD 57730

BLACK HILLS NATIONAL FOREST

Lynn Kolund
District Ranger

(605) 673-4853(office)
(605) 673-1927 (cell)
(605) 673-5461(fax)
E-mail:lkolund@fs.fed.us

Hell Canyon Ranger District
330 Mt. Rushmore Road
Custer, SD 57730

helps us to know how best to provide project

☐ Website
☒ Other email

be considered during siting and selection of
outes:

1.) Please send any correspondence to my office. We need to be involved and informed!
2.) Alternative B route location (the old Clinton line) is not the "Preferred Forest Service Alternative." Two BHP representatives stated this as a fact at the Newcastle meeting. When you reach the Black Hills NF boundary, please take a hard look at all three routes.

(Please see back)

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Black Hills Power

2. Please provide any additional comments you may have on the project.

3.) The old Clinton Line location has been designated as an ATV motorized trail under the Black Hills Travel Plan Decision. This location would displace the area of highest motorized recreation use on the Hell Canyon Ranger District. The inherent conflicts between this use during construction, operation, and maintenance of this transmission line should be identified as an issue in your NEPA process

Sincerely,
Logan J Koland

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

BHP-SD-EL14-061-000173

From: Dahlinger, Ron [Ron.Dahlinger@blackhillscorp.com]
Sent: Monday, July 26, 2010 11:38 AM
To: Wendy Hosman 3409
Cc: Carda, Mark
Subject: Landowner comments

Wendy,

I got a call this morning from one of the landowners we just sent letters to that has land east of Osage in Wyoming. His name is Bruce C Martens and his property is in sections 7, 17 & 18 of T46N, R60W. The old 69kv ROW runs through his property. He was delighted when we removed the old 69kv line and is somewhat upset that we may be constructing a new line in place of the old one.

He indicated that for him, it would be best if we could locate the new line south of where the old centerline was about ¼ mile or so where it would be out of sight.

We visited for some time and I told him that we are also involved in an EIS process with the Forest Service and that they would eventually have a lot to say about where we entered into South Dakota and the Forest Service territory. I also told him that if the old line route were one we want to pursue that we still have to work with landowners to come up with a route that meets our needs and will involve considering their input as well. I think he is someone we will be able to work with in the future if need be.

He evidently has worked with the Federal land issues in the past for Methane wells and went through an EA or EIS, which he said took him and his partners over three years. Hope we can beat that with this project!

Thanks

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Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Randy & June Guliuzza

Address: 23888 S. Rockerville Rd.

City/State/Zip: Rapid City, SD 57702

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

Please see attached sheet, 1st paragraph

OLD CLINTON 69KV ROUTE
S 17, T46N, R61W

(Please see back)

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BHP-SD-EL14-061-000176

8-11-10

Power Line

The proposed route B in Wyoming would cross over the property we own north of Newcastle. This is extremely rugged terrain with a 400' cliff, making it difficult to service or remove in the future. Route B would traverse the highest points, making the poles highly visible and an eyesore for miles, similar to the effect of erecting a line like this over Harney Peak. We would oppose the use of route B.

When the previous power line was removed, a lot of debris was left in the woods on our property. There were grounding rods, poles, smashed insulators, pieces of cable, guy wires, and anchors, all of which were never removed by the power company and which were and are hazardous to people and wildlife. Because of the difficulty of access, the power company didn't make the effort to do a complete cleanup.

R & J

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Lyle Krug

Address: 23355 Hwy 85

City/State/Zip: Newcastle, WY 82701

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I would NOT like 175 feet Right of way cut Through ~~my~~ My Land.

JUST NORTH OF HOMESTEAD ROAD ALONG HWY 85 BETWEEN MILE 12 & 13 ROUTE B (OSAGE-RC) WY 90

(Please see back)

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Black Hills Power

BHP-SD-EL14-061-000178

Registration

Teckla – Osage – Rapid City 230 kV Transmission Line

	Name	Address – City
1.	Dale Wormstadt	12777 Black Forest Rd, RCSD
2.	Kevin Maier	22483 Jenny Gulch Rd Deadwood SD
3.	Jim Lawler	22506 Deer Meadow Dr Deadwood SD
4.	Glenda Robertson	11516 Melchert Pl, Hill City SD
5.	Leon & Marilyn Kleingartner	11465 Rochford Rd, Hill City SD
6.	Sonja & Eddie Newton	7109 Grosbeak Ln. Black Hawk
7.	Tanya Abbey	705 W. Rose Black Hawk
8.	Linda Burns for Max Pannetier	4758 Sturgis Rd.
9.	Cheryl Hesse	6500 Custer St Black Hawk
10.	Lourlyn Stratton	GCC Dacotah Cement
11.	Betty Sanders - Sanders Ranch	Rapid City – Hill City SD
12.	Marta Corey	Rockford - 11439 Rockford Rd
13.	Ann Josten	22530 Jenny Gulch Rd 2098 Pinehu S'box Falls
14.	Jean Dawns	5901 Eastside Dr. Black Hawk
15.	Randy Stegenbecker	8605 Woodland Dr. Black Hawk
16.	Rollie Jensen	2515 Junction Dr. Rapid City
17.	John A Sanborn	23266 Hwy 385 RCSD 02
18.	David & Tammy Ade	5213 South St Black Hawk
19.	Michael Smith	4475 Crooked Oaks Rd Piedmont
20.	Joyce Sugrue	13090 Timber Lane RC 57702

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BHP Black Hills Power

BHP-SD-EL14-061-000180

Registration

Teckla – Osage – Rapid City 230 kV Transmission Line

	Name	Address: City
21.	Helen Wrede	1123 Franklin R.C.
22.	Karen M. Hovey	9951 Echo Valley Ct RC
23.	Rodney & Sheila	6688 Sun Ridge Rd RC
24.	Jeanne Simon	7104 Grosbeak Ln, Black Hawk SD
25.	Tim Simon	7104 Grosbeak Ln Black Hawk SD
26.	Ed & Kathy McBride	1611 Flormann ST
27.	Brett McBride	12195 Paradise Ln
28.	Rus & Cathy Brown	3825 MARVIN RD
29.	MARTIN SPAHN	2280 NORTH PARK DR, RC SD 57702
30.	Jim Bickett	2917 Garden Lane R.C.
31.	Ted Benson	13180 Quarry Blvd RC
32.	Sharon Wilson	7200 Hickel LN BH.
33.	Ken Nowotny	731 Hill city
34.	Mary Bowden	23748 Lois Lane, Hill City
35.	Dawn Canfield	11525 Melchert Pl. Rockford
36.	Patti Griffin	22669 Merchan Rd RC
37.	Christine Streich	23165 Horseman's Ranch Road RC
38.	Wayne Ortman	Box 157 Canistota, So Dak.
39.	Arthur J Kettering	6111 Ash St Black Hawk, SD 57718-9678
40.	Sandra Fairbrother/Schaurer	2500 Potter Rd Rapid City, SD. 57702

Improving life with energy

BHP Black Hills Power

Registration

Teckla – Osage – Rapid City 230 kV Transmission Line

	Name	Address: City
41.	Minnie Chase	22561 Potter Rd. 57702
42.	Sherman Westvig	8438 Highland Loop, RC SD 57702
43.	Roger C Kimball	3809 Redov St, RC 57702
44.	Marlene Reece	22660 Meeker Rd
45.	Kerry Steever	13801 W. Hwy 44 RC
46.	Steve Zimmerman	13475 Chipmunk pl
47.	Mary Zimmerman	13475 Chipmunk PL.
48.	Lance Rom	3459 Jet Dr RC 57703
49.	Geralynn Bruner	6906 Ridgeview Dr Black Hawk
50.	Terri M Rogers	22463 Alpine Acres Dr 57718
51.	Larry D Henderson	6539 N Haines RC 57701
52.	Mr & Mrs Roger Urbanec	5700 Key LN RCH 57718
53.	Jo-Jean Roy	22587 Lightning Ridge Rd RC 57702
54.	Rick + Chris Van Ness	23180 Hwy 385 RC, 57702
55.	Robert W Watts	3850 Marvin Rd 57702
56.		
57.		
58.		
59.		
60.		

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Registration

Teckla – Osage – Rapid City 230 kV Transmission Line

	Name	City
1.	Duane Canfield	21525 Melchert Pl Rochford, SD
2.	DONNA SAVAGE	RAPID CITY, SD (10800 CANYON PL)
3.	Betty Downs	Black Hawk -
4.	Ann Van Roan	22575 No. Bogus Jim Rd.
5.	DAVID RUNEY	6305 w Elm St Black Hawk
6.	James Persons 1425 Pebble Beach Rd Mitchell, SD 57301	22517 Deer Meadow Rd
7.	Carol Crozman	8805 Woodland Black Hawk
8.	Bill & Kathleen Timberman	P.O Box 9303, Rapid City, SD 57709
9.	Beverly Blessing	23175 Horsemen's Park RC 57702
10.	Paul Johnson	13401 W. Hwy 44
11.	Steve + Patty Griffin	22669 Merchen Rd RC 57702
12.	Charlotte Fischer	22634 N. Rockford Rd. Hill City 57745
13.	BONNIE SIVAGE	22634 N Rockford Rd Hill City 57745
14.	SCOTT LEECH	711 Wayside Dr.
15.	GERALD FREEMAN	27255 ROCKFORD ROAD
16.	Perry Rahn	11950 McVey Rd., Hill City
17.	Neil + Susan Ogas	13015 Secluded Ct RC
18.	VICKI FRANZEN	13077 TIMBER LN RC
19.	Steve Kaufbisch	23330 Mystic Rd Hill City
20.	Seth White	8800 Nemo RD Rapid

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Black Hills Power

BHP-SD-EL14-061-000183

Registration

Teckla – Osage – Rapid City 230 kV Transmission Line

	Name	City
21.	Gayle Zoellner	23080 McCurdy Gulch Rd., RCSD 02 (Portion of 9553 RC 32 09)
22.	Art Balcom	3604 Nemo Rd RC SD 02
23.	Andrew + Judy Jaeger	22753 Harris Peak Rd
24.	Greg & Kristi Schneider	7201 Pinewood Ct., Rapid City
25.	JERILYN HODDER	5900 EASTSIDE DR. BLACK HAWK
26.	Eldene Henderson	4525 Harris Ave RC, SD
27.	CHUCK & JAN ALBRIGHT	500 Ridgeland Loop RC - 02
28.	PAT & FRAN COY PO Box 261 Nile city SD 57465	12025 Reno Gulch Rd —
29.	TODD DUDA	22770 HAT MOUNTAIN DR. RCSD 0
30.	Kent Simon	13651 Chariot Pl Rapid city SD 57702
31.	Alan Maas	13286 Chipmunk Pl. RC SD 57702
32.	Maurice Jones	5750 Sparrow Hawk RCSD
33.	BLACK FOREST INN	23191 Hwy 385 RC SD
34.	GERALD J SCHMIDT	4718 CAPITAL RCSD
35.	Jennifer Kaschmitz	23811 Marshall Gulch Rd Hill City
36.	Jerry Peter Steele	23185 Horseman's Park Rd. Rapid City
37.	Mike Boock	Canyon Place RC SD
38.	DOUG & STACEY JACKSON	10505 CANYON PL RC SD
39.	Robert Reznicek	9401 Schroeder Rd
40.	Miriam Sloan	4415 N. Haines R.C.

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Black Hills Power

BHP-SD-EE17-001-000.ai

Registration

Teckla – Osage – Rapid City 230 kV Transmission Line

	Name	City
41.	Stan Scheurer	Rapid City, SD 57702
42.	JOHN NIEMELA	HILL CITY, SD 57745
43.	Mark & Pamela Wiley	Rapid City SD 57702
44.	JEFF SALING	Rapid City SD 57702
45.	Mao Dan Mubud	Rapid City, SD 57702
46.	Kathleen Soli	T1N, R6E, S21, Lot 4
47.	Betty L Horn	22635N Rockford Rd Hill City
48.	Gene Solseth	1445 Kingswood Drive
49.	Dan & April Fitzgerald	Black Hawk
50.	Ray McLaws	Rockford Rd. Deadwood.
51.	Sally Kelts	22862 Wild Flower LN R.C 57702
52.	Rene Schleusener	13389 Bone Path RC.
53.	[illegible]	10652 Canyon Rd RC 02
54.	Rod Meyer	Black Hawk
55.	Jim Koneckne	RC, SD 57702
56.	BRENDA & MARSHALL YOUNG	RAPID CITY SD 57702
57.		
58.		
59.		
60.		

Improving life with energy

Black Hills Power

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

200

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Chuck & Sam Albright

Address: 300 Ridgeland Loop

City/State/Zip: Rapid City SD 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☒ Project flyer
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

My Concerns are about fire if a line goes down and if it will blockout TV reception. There is no cable reception where we live, for the future the line is needed, just route it where there are no houses.

(Please see back)

Improving life with energy

BHP-SD-EL14-061-000186

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

199

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Cheryl Bachman

Address: 23270 Hwy 385

City/State/Zip: Rapid City, SD. 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☑ Project flyer
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

(Please see back)

Improving life with energy

CONTACT # _____

RIGHT OF WAY CONTACTS

Owner (s) KAY BAKER **Date** 9/14/10

_____ **Time** _____

_____

_____

Telephone # _____

Type of Contact _____

Witness Present _____ **Parcel #** _____

_____

_____

Legal Description _____ **S** _____ **T** _____ **R** _____

_____ **S** _____ **T** _____ **R** _____

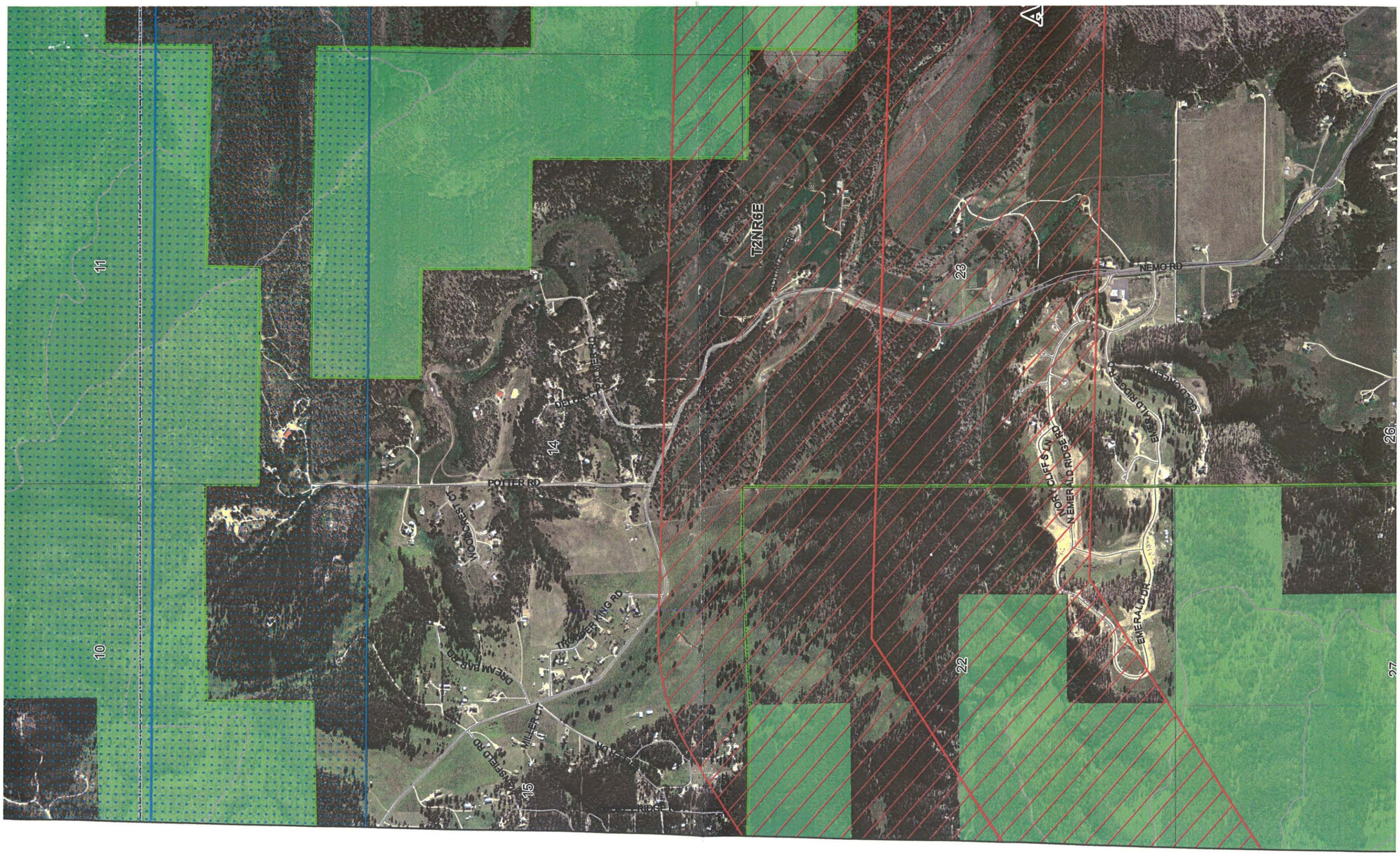
_____ **S** _____ **T** _____ **R** _____

Comments and Remarks:

IVORY BURCH COURT – NEMO ROAD
LOT 3

OWNS LOT AND NEEDED MORE INFO.

(SENT MAP SHOWING ROUTE IN AREA)


T2NR6E
11
14
15
10
22
23
26
27
POTTER RD
NEMO RD
MOOSECREST CT
DREAM PARK RD
TROOPER KING RD
MILLER CT
EMERALD RIDGE LN
EMERALD DR

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Art Falcon

Address: 8037 Nemo Rd.

City/State/Zip: RC SD 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☒ Project flyer
- ☐ Website
- ☐ Other BHPL Mailing

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

devaluation of Property
EMFs Noise Visability

(Please see back)

Improving life with energy

BHP-SD-EL14-061-000194

2. Please provide any additional comments you may have on the project.

Please stay on the Ridge To the south east of Property #161

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Carda, Mark

From: Carda, Mark
Sent: Wednesday, September 15, 2010 4:11 PM
To: 'Mike Becker'
Subject: RE: Teckla project.

Mike, thank you for you response and input. I'll add this to our data base as we proceed with planning and the project.

Mark Carda

-----Original Message-----
From: Mike Becker [mailto:stork29@santel.net]
Sent: Wednesday, September 15, 2010 10:44 AM
To: Carda, Mark
Cc: Dahlinger, Ron
Subject: Teckla project.

Recently received a letter about proposed Teckla transmission line project. I object to the Alternative A site. It is very close to cabins and land that I own now. In fact, I am planning to build retirement home in the 1 or 2 yrs and it is right on the right of way. Using the Alternative B or C would be better all around. Use can use the same right of way that the Pactola station uses now. Cost effective and minimizes the effect on land owners.
Mike Becker, land owner
stork29@santel.net

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: B  Bruce Bessken
12895 Victoria Lake Rd.
Rapid City, SD 57702

Address: 605 574 3964

City/State/Zip:

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

PRESENT 69 KVA LINE CROSSES MY PROPERTY ~~350~~ FEET WEST OF HOUSE. I WOULD BE UNWILLING TO GRANT ANY ADDITIONAL ROW FOR A LARGER LINE, BECAUSE OF ADDITIONAL LOSS OF TIMBER AND WILD LIFE HABITAT, LOSS OF GRAZING, INCREASE IN WEEDS, ~~ADD~~ OF AESTHETICS, DROP IN SELLING VALUE OF HOUSE, AND POTENTIAL HEALTH RISKS ASSOCIATED WITH ELECTRO MAGNETIC FIELDS.

Property Location:

Legal Description: Section Township Range

(Please see back)

9/27/16

2. Please provide any additional comments you may have on the project.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

157

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Ted Benzon

Address: 13180 Geary Blvd

City/State/Zip: SD, RC 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☐ Other letter

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

(A) In alternate B my whole 35 acres is within the lower half of the possible siting section 29. I would like to have you avoid putting the line through my property. I would like to know as soon as possible what route is picked.

(Please see back)

BHP-SD-EL14-061-000200

2. Please provide any additional comments you may have on the project.

concern over public using right of way – is it possible to gate or fence right of way where it adjoin current roads.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

25

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Jim Bickett

Address: 2917 Garden lane

City/State/Zip: Rapid City, S. Dak. 57703

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☒ Other Letter you sent in mail

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I am defiantly against cutting another ~~Swath~~ Swath through the hills. I would think it would be way more expensive to go through the hills, cutting down trees, up and down hills, not to mention rocky terrain. along the Interstate is farther but already have existing lines etc. Also maintaining the lines would be a lot simpler and cheaper – easier to find.

Thank you

Jim Bickett

(Please see back)

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

148

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: EDMUND C. & KARLA E. BLACKLER

Address: 22505 POTTER ROAD

City/State/Zip: RAPID CITY, S.D. 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☒ Project flyer
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

We ARE VEHEMENTLY OPPOSED TO ANY POWERLINES ANYWHERE NEAR TO OUR PROPERTY. WHEN WE BUILT OUR HOME WE EVEN WENT TO THE EXTREME OF HAVING THE LINE PUT UNDERGROUND TO THE HOUSE TO PRESERVE THE NATURAL BEAUTY OF THE AREA. WE WERE ALSO INVOLVED IN THE FORESTRY STEWARDSHIP PROGRAM TO DO THE SAME.

POWER LINES THROUGH OUR PROPERTY (53 ACRES IN MEADE COUNTY AND ABOUT 12 ACRES IN PENNINGTON COUNTY) WOULD COMPLETELY OBLITERATE OUR PROPERTY VALUE (WE'VE ALREADY TALKED TO

(Please see back)

Improving life with energy

BHP-SD-EL14-061-000204

2. Please provide any additional comments you may have on the project.

SEVERAL REALTORS ABOUT THIS), AND IF THE OPTION WHICH WOULD TAKE THE POWER LINE THROUGH OUR PROPERTY IS SELECTED, WE WILL FIGHT IT WITH EVERY THING WE HAVE.

E.C. BLACKLER + FAMILY
341-2342

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: E.C. & KARLA BLACKLEE & FAMILY

Address: 22505 POTTER ROAD

City/State/Zip: RAPID CITY, S.D. 57702

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

WE ARE VEHEMENTLY OPPOSED TO ANY SUCH POWER LINES COMING ANYWHERE CLOSE TO OUR PROPERTY AS THEY WOULD MOST CERTAINLY RESULT IN A DRAMATIC DECREASE IN PROPERTY VALUES.

WE WILL FIGHT FOR KEEPING THESE LINES FAR AWAY FROM OUR PROPERTY WITH ALL THE RESOURCES WE HAVE. (AS WILL OUR NEIGHBORS: SCHEURERS, SCHLEUSNERS, SCHADS, ETC.)

Property Location: 22505 POTTER ROAD, RAPID CITY, SD. 57702-
@ 6 MILES OUT NEMO ROAD FROM RAPID CITY, ON POTTER ROAD

Legal Description: Section Township Range

PENNINGTON: 2N 06E SEC 10; THAT PT. OF S1/2 SE1/4 LOCATED IN PENNINGTON CO. LESS SEVEN OAKS SUB.
MEADE: DIST/PARCEL DF514 14.53.03

(Please see back)

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BHP-SD-EL14-061-000206

9/22/10

2. Please provide any additional comments you may have on the project.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Carda, Mark

From: Carda, Mark
Sent: Thursday, September 16, 2010 1:56 PM
To: 'BOBBOR76@aol.com'
Cc: Dahlinger, Ron
Subject: RE: Your "Junk Files"

Bob, sorry you were unable to open files on our website. Many landowners have been successful but we have had problems here at BHP with some being able to open and some not. We have someone looking at this and will make changes as needed.

The Redbook Springs route is included as one of the proposed routes (Alternate B). We are most likely a year or more out before we establish our preferred route.

I would be happy to email or send you additional information if you think that would be helpful?

Mark Carda

From: BOBBOR76@aol.com [mailto:BOBBOR76@aol.com]
Sent: Thursday, September 16, 2010 1:18 PM
To: Carda, Mark
Subject: Your "Junk Files"

Mark,

What kind of crap you putting out? Tried to load the SD large file, and get an alert stating the file has been damaged.

You plan on holding meetings on info. we can't get?? Pretty crafty of you.

Just curious, is this the line that was removed a few years ago? The one traveling thru the Redbank Springs area.

Please advise,

Bob

cc/ SD PUC

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

45

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: MIKE BOOCK

Address:

City/State/Zip: ROCKY HILLS

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

(Please see back)

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Black Hills Power

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

90

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Mary Bowden

Address: 23748 Lois Lane

City/State/Zip: Hill City, SD 57745

mailing address
1920 S. Austin Dr
Sioux Falls, SD 57105

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☒ Project flyer
- ☐ Website
- ☒ Other landowner mailing

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

As we all know, the shortest distance between two points is a straight line. We know this is not always possible but if there are current lines that could be used along any of the routes, we feel that would be the most economical route.

(Please see back)

Improving life with energy

2. Please provide any additional comments you may have on the project.

With our home being one that would be greatly affected by Route 3, we really hope that great consideration would be taken to preserve our property as much as possible. In our area there are very few existing homes at present with our neighbors planning on building in the next 5-10 years. The property that borders our property is mainly trees and rock outcroppings. To put lines through here will require large equipment and possible blasting to install lines. With [redacted] not comes added expense not to mention the destruction of the trees and beauty known to the Black Hills. This past winter and even this summer the power lines near our home have come down. With the added voltage, what are the chances of danger? Greater

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

BLM-SD-FO-14-041-0000213

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

31

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Dan & Kathie Brusseau

Address: 10652 Canyon Place

City/State/Zip: Rapid City, S.D. 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☒ Other notification by letter

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

Going across our personal property (10 acres) would require you to take out almost 1/3 of our trees which is NOT acceptable.

It makes sense to us to use the right of way which is already dedicated for that purpose.

We are also very concerned about the health implications being around such a high voltage

(Please see back)

ROUTE A
PACTOLA – LANGE, SH. 1
SEC. 11, T2N, R6E

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Black Hills Power

BHP-SD-EL14-061-000214

9/28/10

2. Please provide any additional comments you may have on the project.

line for extended periods of time.

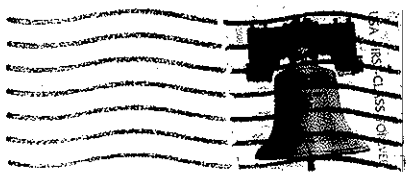
We would appreciate hearing any updates: ie which route is actually chosen.

The people at the open house were very informative and helpful.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

RAPID CITY SD PM 28 SEP 2010



BHP-SD-EL14-061-000215

5770$$1400 B013

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

81

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Denver & Diane Canfield

Address: 11525 Melchert Pl

City/State/Zip: Rochford, SD 57745

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☒ Other letter

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

We live along proposed Route A – we do not thing this is a good route to use because — there are many high mountain areas on the Forest Service also it would go by Black Fox Camp ground which is a prime tourist area for those who want to get out of "town". We don't want to see a big line from our deck across our wonderful view. There are narrow canyons & the Creek we don't want disturbed. This route also goes through the town of Rochford and there isn't any room for a line through Rochford – We feel you should use the line that you had

(Please see back)

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Black Hills Power

2. Please provide any additional comments you may have on the project.

before that went from Osage to Pactola. That route makes the most sense to me.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

* Please change our mailing address.

Please provide your current mailing address:

Your Name: Canyon Construction

Address: PO Box 463

City/State/Zip: Black Hawk, SD 57718

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

Property Location: _____

Legal Description: _____ Section _____ Township _____ Range _____

(Please see back)

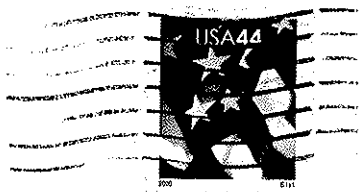
Improving life with energy

9/15/10

2. Please provide any additional comments you may have on the project.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.





Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

September 19, 2010

Comment Form

Teckla-Osage-Rapid City 230KV Transmission Line

Current mailing address

Laurie Chamberlin

8804 Ridge Ponds Dr

Victoria, MN 55386

Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

1. Impact on private property values. I am very concerned that this line would have significant negative impact on the property I own. I am two months from completing a retirement home on this property.
2. Do transmission lines have negative impact on satellite TV reception, radio reception, cause other electrical system issues?
3. Are there any health concerns?
4. What access does BHP require across private property to the transmission line?
5. What determines the exact route of the transmission line within a corridor?
6. When is the landowner involved in the final route?

Property location – 23801 Hidden Mine Lane, Hill City, SD 57745

Legal description – 1080 Sunnyside Lode 1 Section 24 Township 1-South Range 4-East

Additional comments:

We looked for 3 years for property in the Black Hills. We nearly have a retirement home finished. I am very concerned about what impact a transmission line would have on the value of this property. We have a great view of Harney Peak. I am concerned what impact the transmission line would have on that also.

Laurie Chamberlin

Route C: NW of Hill City.


19
30
25
24
23
26
US HWY 16 B
US HWY 16
PINE AVE
OAK ST
POPLAR ST
PARK ST
PINE MTN AVE
FOREST ST
CHUTE ROOSTER DR
RAINBOW RIDGE DR
TINSELWOOD DR
DEEGAN ST
POINDEXTER AVE
ROBINSON DR
MAGGIE LODE DR
MARSHALL GULCH RD
SONG BIRD RD
Newton Fork
CAMARGO MILL RD
Spring Creek

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: George Clinton

Address: 11614 Deerfield Road

City/State/Zip: Hill City, South Dakota 57745

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

We have no problems with a new line being built. The only thing that I would be concerned about is that this area (Deerfield) has a major bug infestation. It would be nice if the Forest Service would let you take out more trees for a wider right of way. Due to all the dead trees. I'm sorry that I was unable to attend the meetings.

Property Location: S/4 Prairie

Legal Description: Section 27 Township 1N Range 3E

(Please see back)

BHP-SD-EL14-061-000222

9/24/10

2. Please provide any additional comments you may have on the project.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

82

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Marta J. Corey & Ralph

Address: 11439 Rockford Rd. (Full Time Res.)

City/State/Zip: Hill City, SD 57745

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

☐ Newspaper advertisement
☐ Project flyer
☐ Website
☐ Other neighbor

We did not receive a letter or read paper Received a Letter & informed us.

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

We are strongly opposing the Rockford Route Corridor A 230 KV Power Line as we believe it would be devastating to the Natural Wild life and habitat, the scenic beauty and property Values. To Bring a power line of this size through any part of the Black Hills is unconscionable.
The terrain is rough throughout this entire Rockford area

(Please see back)

Route A

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BHP-SD-EL14-061-000224

9/27/10

2. Please provide any additional comments you may have on the project.

There is a BH Coop line that is already in our valley and quite an eyesore. In our area only two residents out of 14 that I know of received your letter. We are working hard to contact all homeowners w/regards to this matter. We appreciate your efforts to cooperate with educating and updating us. My E-mail is martacorey@wildblue.net

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Josephine COWDERY

Address: Po Box 2600

City/State/Zip: Rapid Citz SD 57709

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I SUPPORT ONLY ALTERNATIVE A ROUTE.

Property Location: LOT 8 MOUNTAIN PINES SUBDIVISION PENNINGTON CO.

Legal Description: Section 31 Township 2N Range 6E

(Please see back)

BHP-SD-EL14-061-000226

2. Please provide any additional comments you may have on the project.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

RECEIVED
SEP 10 2010
BY:

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address: BOX 2600, RC, SD 57709-260

Your Name: RAY COWDERY

Address: 13006 OVERLOOK DRIVE

City/State/Zip: RAPID CITY SD 57702

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

WE SUPPORT ONLY THE ROUTE DEPICTED ON YOUR MAP AS ALTERNATIVE "A".

Property Location: LOT 2 MOUNTAIN PINES SUBDIVISION PENNINGTON COUNTY, RURAL RAPID CITY, SD 57702-

Legal Description: _____ Section _____ Township _____ Range _____
FOR TAXING PURPOSES 2N 06E SECTION 31

(Please see back)

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Black Hills Power

2. Please provide any additional comments you may have on the project.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

RECEIVED
SEP 2 0 2010
BY:

Carda, Mark

From: Dakotahof [dakotahof1@gmail.com]
Sent: Wednesday, September 15, 2010 4:30 PM
To: Carda, Mark
Subject: Re: Teckla-Osage-Rapid City 230 kV transmission line comments

Thank you. Be sure to count two votes for **ALTERNATIVE A** as we own two homes, one on Secluded Court and one on 13006 Overlook Drive, also in Section 31.
Josephine Cowdery

On Sep 15, 2010, at 4:13 PM, Carda, Mark wrote:

> Ray, hard to send out specific information on a project this is still in the planning stages. The three alternatives represent a mile wide corridor on each so we are seeking information from landowners like yourself on concerns, questions, and preference. I will include your choice of Alternate A in our data base.
>
> Thank you for the feedback.
>
> Mark Carda
>
> ---
>
> **From:** Dakotahof [mailto:dakotahof1@gmail.com]
> **Sent:** Wednesday, September 15, 2010 9:34 AM
> **To:** Carda, Mark
> **Subject:** Teckla-Osage-Rapid City 230 kV transmission line comments
>
> Dear Mr. Carda,
>
> The information you sent out is the most vague that anyone could send out. Why bother to send out anything when you clearly state that the initial siting study has not yet been completed. And this information hits everybody's mailbox when the next day a story appears on the front page of the Rapid City Journal about closing a power station connected to the project of your mailing.
>
> **IF** this ever comes to fruition, our preferred route would be **ALTERNATIVE A** (blue on your map), that runs east and west north of Pactola reservoir.
>
> Ray & Josephine Cowdery
> 13018 Secluded Court
> Rapid City SD 57702-9835

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Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

153

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: PATRICK & FRANCES Coy

Address: 12025 Reno Gulch Rd

City/State/Zip: Co mailing - PO Bx 261 Hill City SD 57745

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☒ Project flyer
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

If the proposed route would use the center line that stays on the section line past our property we would be ok with it. It would be even better if they stayed to the South of the section line

Patrick R. Coy

(Please see back)

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BHP Black Hills Power

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

1 of 6

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name:	Betty (Esther) Downs	Carol Jean Downs
Address:	5605 Eastside Dr.	5901 Eastside Dr.
City/State/Zip:	Black Hawk, SD	Black Hawk, SD

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☐ Other letter

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

We are right off ~~sweet~~ merit road. Our concerns are visiability of the poles - Possible noise from lines. Disruption of peace and quiet while lines are being built.

(Please see back)

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2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Ted Crisman

Address: 255 Boot Hill Rd.

City/State/Zip: Custer S.D. 57730-6323

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

My first issue is, why wasn't I notified before now if my property is in line with any one of the three proposals.

My second issue is that you would send this notice to my old address, but you have know problem sending my current electrical bill to my current address.

Property Location: Penn. Co S.W. of Hill City also in Sec. 32

Legal Description: 2S04E Section 05 Township 1S Range 4E

(Please see back)

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Black Hills Power

BHP-SD-EL14-061-000236

2. Please provide any additional comments you may have on the project.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

RECEIVED
SEP 2 0 2010

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

78

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: TODD DUDA

Address: 22770 HAT MOUNTAIN DR.

City/State/Zip: RAPID CITY, SD 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☒ Other LETTER

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I BUILT IN THE HILLS SO I WOULDN'T HAVE TO LOOK AT THIS KIND OF STUFF. I DON'T WANT TO HAVE TO DEAL WITH FIRE POTENTIAL AND HAZARDOUS EMISSIONS FROM THE LINES.
I CAN ONLY RECIEVE SATELLITE AND I DON'T WANT ANY ELECTRICAL INTERFERENCE.

(Please see back)

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Black Hills Power

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

BHP SD-EL 14-061 000239

CONTACT # _____

RIGHT OF WAY CONTACTS

Owner (s) RONALD FINN **Date** 9/13/10

6507 ROB ROAD **Time** _____

BLACK HAWK, SD

_____

Telephone # _____

Type of Contact _____

Witness Present _____ **Parcel #** _____

_____

_____

Legal Description _____ **S** ____ **T** ____ **R** ____

_____ **S** ____ **T** ____ **R** ____

_____ **S** ____ **T** ____ **R** ____

Comments and Remarks:

MR. FINN STOPPED IN TO DISCUSS LINE AND LOOK AT LARGER MAP.

HIS PROPERTY IS IN BLACK HAWK (ASH ST. & ROB ROAD) FALLS JUST NORTH OF ALTERNATE A CORRIDOR.

SHOULDN'T BE AN ISSUE.

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

104

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form. BCBBI@GWTC.NET

Please provide your current mailing address: email: bcbbi@gwtc.net

Your Name: Charlotte Fischer

Address: 22634 N. Rochford Rd. SECTION 23

City/State/Zip: Hill City SD 57745

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☒ Other Mail

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

- Corridor A goes directly over White Tail peak
- " most pristine wild part of the Black Hills; fire & safety
- Significant Rochford visibility + safety

*Need maps for Rochford, Black Fox Rd; White Tail Peak

SEND HER LARGER MAP w/ CONTOUR

(Please see back)

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BHP-SD-EL14-061-000242

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

CONTACT # _____

RIGHT OF WAY CONTACTS

Owner (s) TOM FISHER **Date** 9/16/10

10275 ECHO VALLEY CT

RC, SD 57702

Telephone # 385-2433

Type of Contact _____

Witness Present _____ **Parcel #** _____

Legal Description _____ **S** ____ **T** ____ **R** ____

_____ **S** ____ **T** ____ **R** ____

_____ **S** ____ **T** ____ **R** ____

Comments and Remarks: NEMO ROAD — ROLLING HILLS

WOULD LIKE BETTER MAP & INFO. ON PROJECT

MAILED: MAP

MEETING HANDOUTS

Mark Carda
Manager, T & D Engineering
Email: Mark.Carda@blackhillscorp.com

P.O. Box 1400
Rapid City, SD, 57709
P: 605.721.2274
F: 605.721.2323

September 16, 2010

Mr. Tom Fisher
10275 Echo Valley Court
Rapid City, SD 57702

RE: BHP Proposed 230kV Line

Tom:

Per our phone conversation I've attached a larger scale map showing the Rolling Hills area. The blue hashed area represents a mile wide corridor. If the line were to be constructed within this corridor it could be placed anywhere within that mile. We could also choose to place the line in one of the other two alternatives. Input will be placed in a data base and a final route chosen farther down the road. I've also sent along handouts that will be available tonight at the public meeting.

Please contact me if you have additional questions.

Sincerely,

Mark Carda
Manager, T & D Engineering

Enclosures

Transmission Line Right-Of-Way and Easements

Teckla – Osage – Rapid City 230 kV Transmission Line

Landowners have basic protections under state and federal laws that regulate acquisition of real estate for public use to build transmission lines and substations. Black Hills Power will follow the standard sequence of practices described below for acquiring easements.

Abstract of Title

The utility right -of-way representative will complete a search of the public records of all lands involved in the project. A title report will be developed to include the legal description of the property, the owner(s) of record of the property, and information regarding easements, liens, restrictions, encumbrances, and other conditions of record.

Survey Permission

A right-of-way representative will contact each property owner or his or her representative to inform them of the project. The right-of-way representative will describe the need for the transmission line and how it may affect the property. The utility's survey crews then will enter the property to complete preliminary survey work.

Survey Staking

After the transmission line design is completed, a survey crew will stake the line. This requires the survey crew access to your land to determine the location for each structure. They will mark the locations with surveyor's stakes. Then the right-of-way representative can show landowners exactly where the structure(s) will be located on their property and discuss any concerns related to the location.

Document Preparation

The utility will prepare all of the documents required to complete each transaction. Some of the documents that may be required include survey permission easement, purchase agreement, or deeds.

Acquisition Process

The utility's representative will review each property on which easement rights are to be acquired to determine the appropriate amount of compensation for the rights. In the event that a complicated appraisal problem exists, or if statutory requirements in the local jurisdiction dictate, the utility's representative will complete an appraisal to determine the value of the rights. The utility will make an offer to the owner to obtain the property rights.

Negotiations

The utility right-of-way representative will begin the negotiating process by presenting the required legal document(s) to the property owner. The representative also will provide maps of the transmission line route, maps showing the landowner's parcel, and an offer of compensation for the easement or purchase. The landowner will be allowed a reasonable amount of time to consider the offer and respond.

Negotiated Settlement

In nearly all cases, the utility's representatives are able to work with the landowners to address their concerns and to arrive at negotiated settlements that are fair and acceptable to all parties. However, in rare cases when negotiated settlements are not possible, the utility has the right to have an independent third party determine the value of the rights. This is accomplished through the exercise of the utility's right of eminent domain. The process of exercising the right of eminent domain is called condemnation.

Acquisition By Eminent Domain (Condemnation)

In any project that requires easements for transmission line construction, the goal is to offer fair and equitable compensation to landowners. The utility will initiate condemnation proceedings only when reasonable efforts to negotiate an agreement on just compensation have failed.

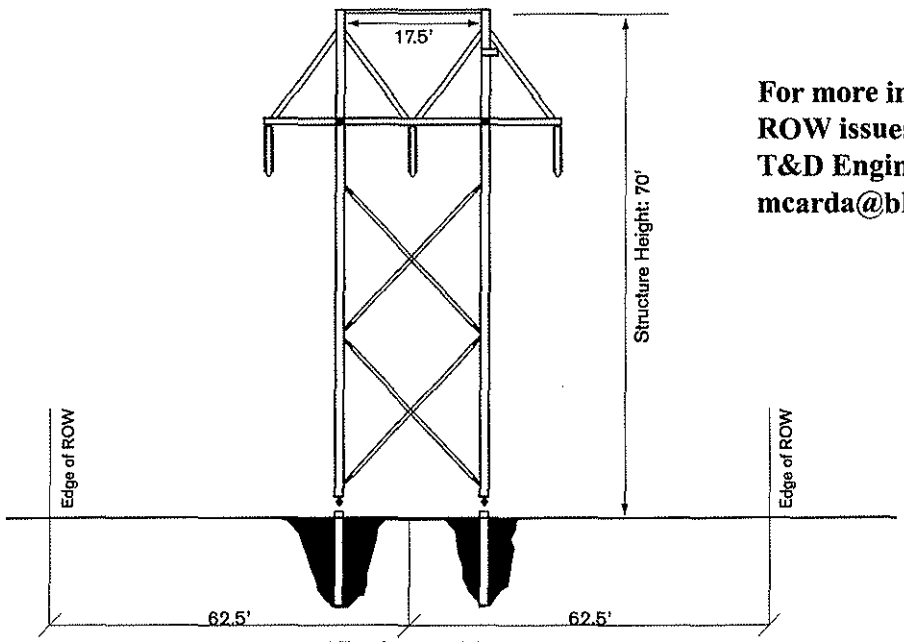
Construction

Once the easement or land rights have been acquired and immediately prior to construction, the utility's right-of-way representative will contact the property owner and discuss the construction schedule. During construction the following may be required:

- Temporary removal or relocation of certain fences
- Installation of temporary gates (or permanent gates at landowner's request)
- Removal or relocation of vegetation, equipment and livestock from the right of way

Restoration and Cleanup

The right-of-way representative will contract each property owner after construction is completed to see if any damage has occurred as a result of the utility's project. If damage has occurred to crops, fences, or the property, the utility will reimburse the landowner fairly for the damages. In some cases the utility may engage an outside contractor to restore the damaged property as near as possible to its original condition.



125' Total Right-Of-Way
230 kV H-Frame Structure
Right-of-Way Requirements

For more information or questions on ROW issues, please contact Mark Carda, T&D Engineer at (605) 721-2274, or mcarda@blackhillspower.com.

What is an easement?

An easement is a permanent land right acquired by a person or party to use the land or property of another for a special purpose. Landowners are paid for the easement and can continue to use the land for most purposes, such as agriculture and lawns.

How wide will the right-of-way need to be for the proposed transmission line?

Black Hills Power is proposing to acquire an easement 125-feet-wide. This will include the right to install down guys and anchors outside this strip of land.

What is the difference between a right-of-way and an easement?

These terms are used interchangeably. But an easement is the document that transfers the permanent land right, and the right-of-way is the land area described in the easement on which the facilities are located.

What easement rights will be needed for the transmission line construction?

A transmission line project requires an easement that allows for surveying, constructing, operating, and maintaining a transmission line across a defined strip of the landowner's property.

What landowner activities are allowed within the easement area?

Land within the right-of-way may be used for any purpose that does not interfere with constructing or operating the transmission line. In agricultural areas, the land may be used for crop production and pasture. In areas where the land will be developed, streets, lawn extensions, underground utilities, curb and gutters, etc., may cross the right-of-way with the utility's permission.

What are the main building and planting restrictions in the easement?

The primary building and planting restrictions prohibit constructing buildings or structures within the right-of-way strip and planting tall growing species of trees in the right-of-way strip.

Why can't buildings or tall-growing vegetation be placed in the right-of-way?

If a building, structure or tall-growing vegetation located within the right-of-way were to catch fire, it could burn into the transmission line and take it out of service for an extended period. Additionally, tall-growing vegetation can cause interruptions in service if they grow into or fall on the transmission line. When a power line is out of service it affects thousands of people who are not able to heat and light their homes or businesses. At certain times of the year, especially during winter months, outages not only are an inconvenience, but they may become life-threatening. Utilities have determined that the best way to prevent the possibility of these types of outages is to restrict structures and vegetation within the right-of-way. In addition, if an outage occurs, line workers must be able to get to the line. Buildings or other structures and dense vegetation within the right of way could hamper line maintenance crews and slow repairs to downed lines.

Why doesn't the utility buy a strip of land for the line instead of taking an easement interest?

Utilities occasionally purchase rights-of-way for transmission lines in fee title. However, we have found that in most cases, landowners prefer to retain ownership of the property so they can maintain better control over its use, subject to the limitations of the transmission line easement. In many cases, this provides the landowner with continued use of the property for such things as agricultural operations, yard extensions, or open areas adjacent to residences. In each of these cases, the property continues to contribute positively and productively to the owner as well as to the public. Utilities simply must protect their rights to operate transmission lines. In most cases, adjacent uses pose no threat to the lines nor do they create hazards to the public.

For more information or questions on ROW issues, please contact Mark Carda, T&D Engineer at (605) 721-2274, or mcarda@blackhillspower.com.

Electric and Magnetic Fields (EMF) Facts

Teckla – Osage – Rapid City 230 kV Transmission Line

What are Electric and Magnetic Fields (EMF)?

EMF is naturally present in the environment and is present wherever electricity is used. The earth has both a magnetic field produced by currents in the molten core of the planet and an electric field produced by electrical activity in the atmosphere, such as thunderstorms. The flow of electricity along transmission lines also produces low levels of EMF.

What is the Difference Between Electric and Magnetic Fields?

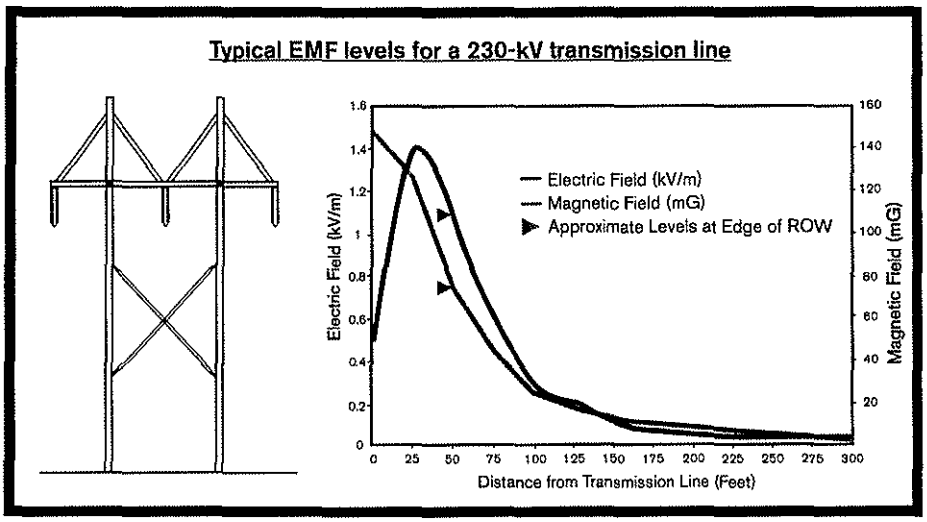
Electric fields are produced by voltage, which is the pressure behind the flow of electricity. Voltage creates electric fields around any electrical device that is plugged in even if it is not operating. Magnetic fields are produced by current, which is the flow of electricity when the device is operating. For instance, plugging in a lamp applies voltage and an electric field to the cord. When the lamp is turned on, magnetic fields are produced around the cord. Electric fields are measured in volts or kilovolts per meter (V/m or kV/m). Magnetic fields are measured in milligauss (mG) or microTeslas (uT).

What are Typical Exposure Levels to EMF?

Everyone is constantly exposed to about 500 mG from the earth's magnetic field and 100 V/m from the earth's electric field. However, thunderstorms can temporarily increase the electric field in a given location to several thousand V/m. In addition to the earth's natural fields, the average household background magnetic field is about 1 to 2 mG and the average background electric field is 1 to 20 V/m.

What are the Typical EMF Levels Near Overhead Transmission Lines?

The EMF are usually the highest directly under the lines and decrease rapidly with distance to the sides of the line. Actual field strengths vary with the size of the lines and height of the conductors from the point of measurement. Electric fields from power lines are relatively stable because the voltage does not change. Magnetic fields fluctuate as current changes in response to increasing and decreasing loads.



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What EMF Health Research Has Been Done?

Research related to possible adverse health effects from EMF exposure has been in progress for more than 30 years. In 1992, The U.S. Congress directed the National Institute of Environmental Health Sciences (NIEHS) to direct the EMF Research and Public Information Dissemination Program (EMF-RAPID). The EMF-RAPID Program goal was to provide evidence to clarify potential health risks from EMF exposure. To date, the evidence suggesting that EMF exposures cause health risks is weak.

There are no standards established for safe levels of exposure to EMF. Some organizations have set advisory limits as a precautionary measure. The International Commission on Non-Ionizing Radiation Protection has established a continuous magnetic field exposure limit of 833 mG and a continuous electric field exposure limit of 4.2 kV/m for members of the general public. The American Council of Governmental Industrial Hygienists has set a Threshold Limit Value (TLV) for occupational exposure to 60 Hz (60 cycles per second) frequency magnetic and electric fields. Electricity in North America produces EMF at 60 Hz. The TLV for magnetic fields at 60 Hz is 10,000 mG and 25,000 kV/m for electric fields.

Where Is There More Information About EMF Health Research?

Environmental Health Information Service

http://ehis.niehs.nig.gov/emfrapid/

Minnesota State Interagency Working Group on EMF Issues

http://www.health.state.mn.us/divs/eh/radiation/emf/emfrept.pdf

California Department of Health Services-California EMF Program

http://www.dhs.ca.gov/ps/deodc/ehib/emf/general.html

Medical College of Wisconsin, Electromagnetic Fields and Human Health

http://www.mcw.edu/gcrc/cop/powerlines-cancer-FAQ/toc.html

World Health Organization

http://www.who.int/emf

PARADISE LN
CANYON PL
PINEWOOD CT
WOODLAND DR
ROLLING HILLS RD
ECHO VALLEY TRL
8
9
10
11
NEMO ROAD
17
16
15
14
MANSFIELD RD
MILLER CT
DREAM BAR RD
WOODCREST CT
POTTER RD
TROOPER KING RD
MILLER DR
PALMER RD
T2NR6E
DAYBREAK RIDGE RD
TO RAPID CITY
SCHMITZ TRL
BHP-SD-EL14-061-000252

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

197

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name:
Andrew J Fracek

Address:
22753 Norris Peak Rd

City/State/Zip:
Rapid City, SD 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☒ Project flyer
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

We live 1 3/4 miles North of Johnson siding
We live on the North side of Norris Peak Rd
we have 3 miles of Forest service behind us so their is a lot of Room to Run a ~~line~~ line behind us.
We are both Retired and my husband is a disabled Veteran and he could never build us another home some where else.

(Please see back)

BHP-SD-EL14-061-000254

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

22

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: VICKI FRANZEN

Address: 13077 TIMBER LN

City/State/Zip: RC SD 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☒ Other LETTER

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I LIVE IN THE PINE CLIFF SUBDIVISION BY JOHNSON SIDING. OUR CURRENT COVENANTS DOES NOT ALLOW OVERHEAD UTILITY LINES

(Please see back)

Improving life with energy

Black Hills Power

BHP-SD-EL14-061-000256

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

BHP-SD-EL14-061-000257

9/15/10

DALE 605-201-9810
1 OF 5 OWNERS COPPER MT. RANCH
ROUTE C

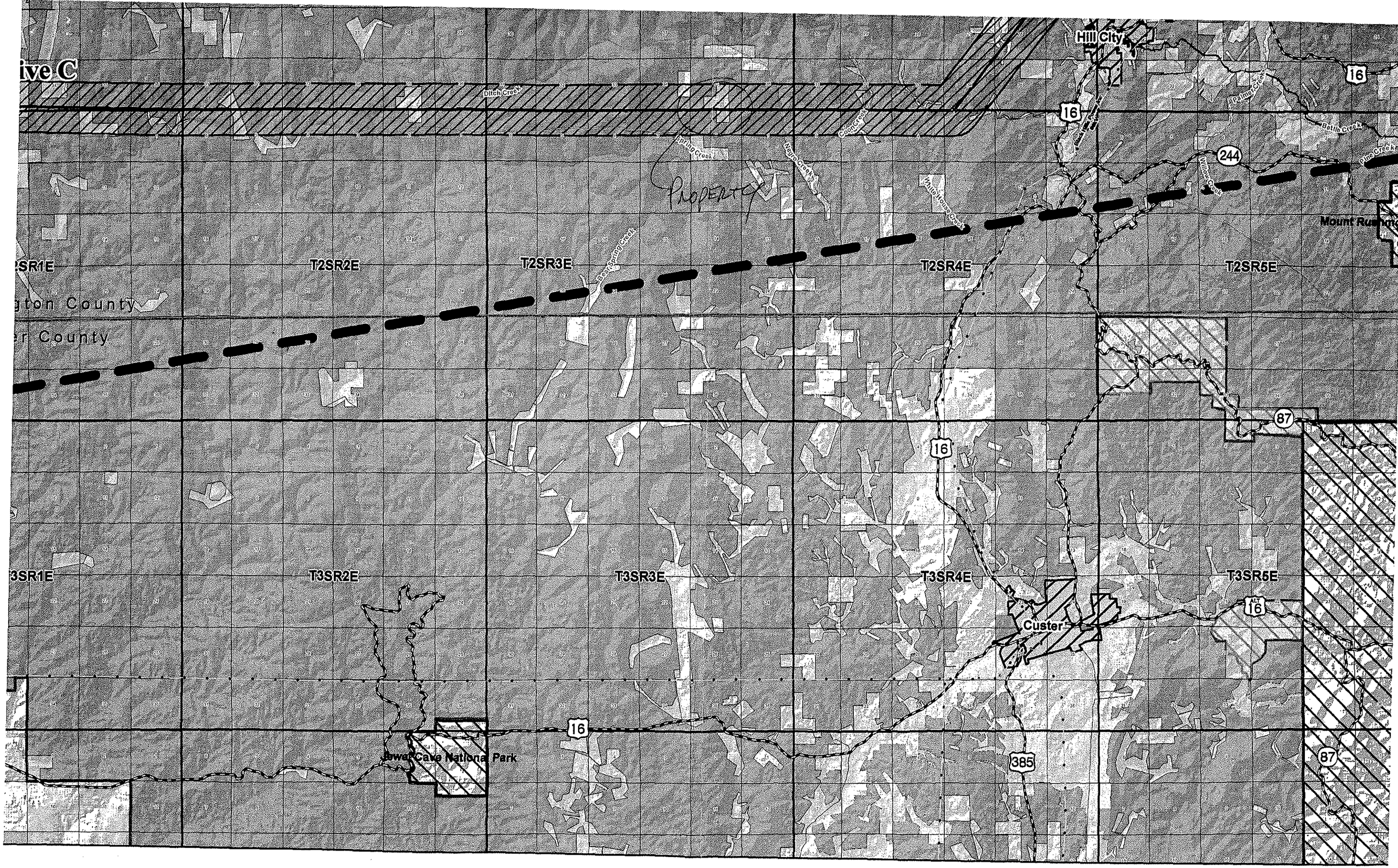
REPRESENTS OWNER PEKOTA RANCH

HILL CORP ~ 2 MILES WEST
3 SQ. IN FLOOR SD BORDER
T1SR3E
SE CORNER OF
ADDRESS: MEDICINE MT. ROAD

DALE FROLEHLICH
605-201-9810
CMR LLC PROPERTY OWNERSHIP
#6 SOUTH LECHATEAU
SIOUX FALLS, SD 57105
MACRANDALL
OR DAN ~~MCRANDALL~~
1-605-351-5640

MAIL OUT

DALE @gmail.com
FROLEHLICH



eatures

Administrative Boundaries

BHP-SD-EL14-061-000260

CONTACT # _____

RIGHT OF WAY CONTACTS

Owner (s) _____ **Date** 9/16/10

_____ **Time** _____

_____

_____

Telephone # AL GLOVER

Type of Contact 605-415-7133

Witness Present _____ **Parcel #** _____

_____

_____

Legal Description _____ **S** _____ **T** _____ **R** _____

_____ **S** _____ **T** _____ **R** _____

_____ **S** _____ **T** _____ **R** _____

Comments and Remarks: ROUTE A: MEADE/PENNINGTON COUNTY LINE. CROSSING SEVERAL SUBDIVISIONS

→ JUNCTION OF 3 COUNTIES, NARROW CANYON LOCATION

NEED TO TAKE INTO CONSIDERATION PRIVATE LAND + SUBDIVISIONS.

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

156

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Gray Ranch (Gray Rd off of Battleaxe Rd

Address: Leased - PAT Corp
BX 261 Bell City SD 57745

City/State/Zip:

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☒ Project flyer
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

If the route could stay south of the center line it would miss important entrances to the property

(Please see back)

Improving life with energy

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

(52)

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Steve + Patty Griffin

Address: 22669 Merchen Rd

City/State/Zip: Rapid City SD 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☒ Other Letter

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

Concern over public using the right of way for ATV use etc. – Can you stop this with enforcement?? or gating, or fencing?

Concern over the visual aspect of the power line – make it wooden, or the steel the color of the forest??

We understand progress, just make it fair for most –

When will folks know which Route you will take??

(Please see back) OVER

Improving life with energy

BHP-SD-EL14-061-000266

2. Please provide any additional comments you may have on the project.

BHP is not even our power company – Why should we have to deal with a power line near our property

Keep it on top of the Ridge –

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Mark / Ron

Isaac Hassoun
Black Forest Inn
23191 Hwy 385
RC SD 57702

574-2000

* Would like to have a meeting at the Black Forest Inn to review the routes through this area? There were a number of interested landowners at the meeting?
There map was not included at the public meeting!

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Dan Healy - Diesel Machinery Inc.

Address: 3801 N. Deadwood Ave

City/State/Zip: Rapid City SD 57709

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I can not tell where the Line will Cross Deadwood Ave on your map.

Can you tell us whose propery is involved?

Property Location: 3801 N. Deadwood Ave

Legal Description: _____ Section _____ Township _____ Range _____

(Please see back)

Improving life with energy

BHP-SD-EL14-061-000270

2. Please provide any additional comments you may have on the project.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

CONTACT # _____

RIGHT OF WAY CONTACTS

Owner (s) DON HINSON **Date** 9/24/10
DENVER CO **Time** 2:30pm

Telephone # 303-278-3076

Type of Contact _____

Witness Present _____ **Parcel #** _____

Legal Description _____ **S** ____ **T** ____ **R** ____

_____ **S** ____ **T** ____ **R** ____

_____ **S** ____ **T** ____ **R** ____

Comments and Remarks:

OFF NEKO ROAD - ROLLING HILLS DRIVE.
(CANYON PLACE)

WOULD LIKE BETTER MAP. SENT 9/24/10
INC. MEETING HANDOUTS

ROUTE A, S9/10, T2N, R6E
PAEPOLA-LANGE SHEET 1

CLAYMORE2001@yahoo.com

11
14
POTTER RD
10
15
9
16

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

155

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: JERILYN Hodder

Address: 5900 EASTSIDE DRIVE

City/State/Zip: BLACK HAWK, SD 57718

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☒ Project flyer MAILED
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I OPPOSE PLAN A BECAUSE THE LARGE TOWERS WILL BE VISIBLE FROM MY HOUSE AND NEAR ENOUGH TO IMPACT THE RESALE OF MY HOUSE. I'M ALSO NOT SO SURE ABOUT THE HEALTHINESS OF BEING SO NEAR THE TRANSMISSION LINES.

ROUTE A

PACTOLA - LANGE, SH. 2

(Please see back)

Improving life with energy

BHP-SD-EL14-061-000274 9/24/10

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name:
STEPHEN B. HOTER

Address:
13025 PINE DRIVE

City/State/Zip:
RAPID CITY, SD 57702

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I assume that since I got this letter, your transmission line will run through the middle of the Black Hills National Forest, near my home. Frankly, I am totally against any more transmission lines on our national forests or grasslands. How about entertaining the inconvenience of going north of the grasslands and Black Hills along I-90 to Rapid City? The cost of convenience and growth is too steep where our public and individual private lands are concerned.

Property Location: Nemo Road,

Legal Description: _____ Section _____ Township _____ Range _____

(Please see back)

Improving life with energy

BHP-SD-EL14-001-000270

9/29/10

2. Please provide any additional comments you may have on the project.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

CONTACT # _____

RIGHT OF WAY CONTACTS

Owner (s) THEODORE HOVEY **Date** 9/24/10

Time 2:25 pm.

Telephone # 787-4478

Type of Contact _____

Witness Present _____ **Parcel #** _____

Legal Description 8315 HIGHLAND S ____ T ____ R ____

LOOP S ____ T ____ R ____

57702 S ____ T ____ R ____

ROUTE C SEC 35, T2N, R6E

PACTOLA-LANCE, SHEET 2

Comments and Remarks: NEMO ROAD

BROTHERS PROPERTY:

FARTHER OUT NEMO ROAD

JUST BEFORE NORRIS PEAK ROAD IN NORTH

(ROLLING HILLS SUB. - EAST END)

ROUTE A, SEC 8, T2N, R6E

PACTOLA-LANCE, SHEET 2

Mark Carda
Manager, T & D Engineering
Email: Mark.Carda@blackhillscorp.com

P.O. Box 1400
Rapid City, SD, 57709
P: 605.721.2274
F: 605.721.2323

September 29, 2010

Mr. Theodore Hovey
8315 Highland Loop
Rapid City, SD 57702

RE: BHP Proposed Transmission Line

Dear Mr. Hovey:

As per our conversation I've enclosed a map showing Proposed Routes near Highland Loop and farther out on Nemo Road (Rolling Hills). This is just preliminary routes with a final decision coming 8 to 12 months in the future. Let me know if I can be of anymore assistance?

Sincerely,

Mark Carda
Manager, T & D Engineering

Enclosure

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Dan Hunter

Address: 1616 17th Ave S

City/State/Zip: Brookings, SD, 57006

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

My home (23225 S. Prairie Creek RD) looks as though it lies in the area where Alternate B and C intersect (near Box Elder), as it appears I have about a 66% chance of these structures being placed on my land. I have a 5 acre parcel with a single family dwelling on the one part of land suitable for building.

My concern, as I am sure is the same as everyone else's, is the potential of having multiple "H" structures on my property, and the potential negative impact on the aesthetics around my residence, impacting value. If given a choice, my preference would be Alternative "A", as both B & C impact my property.

Property Location: 23225 S. Prairie Creek RD

Legal Description: ____ Section ____ Township ____ Range ____
TRACT 23 of Clear Creek Tracts, Pennington County SD

(Please see back)

9/24/10

2. Please provide any additional comments you may have on the project.

Thanks for the opportunity to submit comments via mail. We are not available to attend public hearings due to distance/work commitments at SDSU. If option B or C is chosen, how will we know exactly when our property will be impacted?

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

SIOUX FALLS SD 571

22 SEP 2014 PM 1 L

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

57709+1400

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

177

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Robert Humphreys

Address: 3901 S. Hawthorne ave

City/State/Zip: Sioux Falls, S. Dak 57105

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☐ Other neighbor

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

Residences along The route.
Noise & Emissions from The lines That will hinder The People living near by (Health wise.) Creating a new clear cut in The forest if you all Ready have a path cut in The forest from previous Line Route.
Disturbing the Beauty of Pristine Forest not having been disturbed in The Past.

over

(Please see back)

Improving life with energy

Black Hills Power

BHP-SD-EL14-061-000282

9/22/10

2. Please provide any additional comments you may have on the project.

For These Reason I do Not Believe Alt A. is a good Choice for The line and That a Previous used Route would be better.

My Residence is at 22488 Alpine acres on The Rochford Rd.

Phone# 348-7853

Thank You

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709



57709$1400

Carda, Mark

From: TOM KAREN HUSBAND [tomhusband1@msn.com]
Sent: Tuesday, September 14, 2010 7:25 PM
To: Carda, Mark
Subject: transmission line

Please accept this email as my comment on the proposed transmission line in Pennington County. I believe alternative A is by far the best route to take as it crosses less public property and would be less obtrusive to residents in the area in and around Johnson Siding. I live in Pine Cliff subdivision right to the north of Johnson Siding and we are about 70 or so home sites that would be entirely too close to alternative C. Alternative B would not be very good either as it is also too close to many of our neighbors in the area. Thanks. Tom Husband 13089 Timber Lane Rapid City, SD 57702

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

45A

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Doug & Stacey Jackson

Address: 10505 Canyon Place

City/State/Zip: Rapid City, SD 57702

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

- What other routes were considered other than cutting through the middle of the Black Hills?

- Major concerns are visibility & fire danger - our house will be approx ¼ mile North of proposed line - we have spent ≈12 years clearing & building our home and value our SE view up South Canyon & view of Skyline Drive - A High Voltage power line will impact both the enjoyment & value of our home

- From a BHEC customer has to be impacted for services they cannot utilize

Property Location: 7

Legal Description: 9 Section 2 Township 6 Range

Canyon Place Subdivision Lot 2B Block 2

(Please see back)

Improving life with energy

BHP-SD-EL14-061-000286

2. Please provide any additional comments you may have on the project.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Nar

Address:

City/State/Zip.

Jacob Walks With Eagles
6204 Northdale Drive
Black Hawk, SD 57718

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

N/A

Property Location:

Legal Description: Section Township Range

(Please see back)

Improving life with energy

BHP-SD-EL14-061-000288

9/15/10

2. Please provide any additional comments you may have on the project.

How will this New Line affect the Black Hawk Area if there are Power outs on this New line? If it doesn't, fine with me. I guess it's the extra cost for me, I would not want a big INCREASE to my Bill. I would concider relocating away from BHP. Sorry

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

115

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Maurice Jones

Address: Clear Creek Tracts 30 IN town 5750 Sparrow Hawk RC SD

City/State/Zip: Rapid City SD

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☒ Project flyer
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

Would rather you go along interstate or existing power line routes

(Please see back)

Map around B.F IN NOT Available at meeting?

Improving life with energy

BHP-SD-EL14-061-000290

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

91

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Dean + Jennifer Karschnik

Address: 23811 Marshall Gulch Road

City/State/Zip: Hill City, SD 57745

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☐ Other Mailing

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

Our Property is located in a newly developed subdivision with higher-end value homes. My concern is the devaluation of our property values. We are adjacent to Forest Service, only 500 ft. behind our property + we would not be nearly as opposed to the lines running on the Forest Service property behind our homes.

(Please see back)

Improving life with energy

Black Hills Power

BHP-SD-EL14-061-000292

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

TECKLA - RC - PROJECT

9/15/10

DON KAITKE

605-759-3759

SIOUX FALLS →

DISCUSS DEVELOPMENT PROPERTY

CONCERNED WITH LINE OVER OR NEAR DEVELOPMENT

WILL MAIL IN COMMENT FORM

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Don and Kay Kattke

Address: 324 E Plum Creek Rd

City/State/Zip: Sioux Falls, SD 57105

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

Please consider the adverse impact of the transmission line on established developments. Our property is in a development which is similar to a small city - with about 70 homes, paved streets, a water ~~st~~ system and sewer system -- all of which would be impacted by one of the alternative corridors.

Property Location: 120 Swiss Drive, Rapid City, SD

Legal Description: ____ Section ____ Township ____ Range ____

Edelweiss Mountain Development, Block B, Lot 22

(Please see back)

RECEIVED
SEP 2 0 2010
BY

Improving life with energy

BHP-SD-EL14-061-000295

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

60

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Steve Kaubisch

Address: 23330 Mystic Rd

City/State/Zip: Hill City, SD 57745

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☒ Newspaper advertisement
- ☒ Project flyer
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I have no problem as long as it is on the old existing line.

(Please see back)

Improving life with energy

BHP-SD-EL14-061-000296

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

CY Made 10 Sep (Mailed 10 Sep)

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address: PH 605 787-5805

Your Name:	ARTHUR L. KETTERLING
Address:	611 ASH ST
City/State/Zip:	BLACK HAWK, SD 57718-9698

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I am sorry I missed your meetings as your stated in your letter (June 29th in 2 consecutive Journal Editions. We do not take the Journal! Many cannot afford it, me included!

A bigger blow-up of your track going west from RC would help me determine your exact plans. The large black line going west on the county line or slightly north of the county line will be very close to my property line.

I will attend the Thursday meeting at DFAC (6:00pm to 8:30pm)

Thank you for this opportunity! Art Ketterling

Property Location: 611 ASH ST
BLACK HAWK, SD 57718-9698

Legal Description: Section Township Range
BOP 51 20.54 06 61 As shown on Tax Statement

(Please see back)

Improving life with energy

BHP-SD-EE14-001-000298

2. Please provide any additional comments you may have on the project.

An addressed (franked) postage paid envelope would have been nice and it would have saved some.

A phone call may suffice.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

80

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Leon Kleingartner

Address: 11465 Rockford Rd

City/State/Zip: Hill City, SD 57745

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☒ Other Letter - Received in mail

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

* The small community of Rockford is one of the more scenic places in the Black Hills, I would hate to see a power line go right over it.

* Power line is to close to south Rapid creek Valley. Elk, deer, Mtn. Lion etc. is abundant in this area. What affect would it have on wildlife?

* Mikkelson Trail goes right through Rockford - Big Tourist Attraction.

(Please see back)

Improving life with energy

Black Hills Power

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

19

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Marilyn Klengartner

Address: 11465 Rochford Rd

City/State/Zip: Hill City, SD 57745-6053

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☐ Other Letter in mail

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

* South Rapid Creek valley has many full time homes & cabins
* ~~The~~ The valley is narrow with high ridges
* Scenic area (Rochford Area) with numerous recreational advantages
* Environmental concerns - the natural beauty with an abundance of wildlife
* Hunting area (popular area), fishing
* Historical Area (gold mines, community of Rochford)
* Mikkelson Trail area
* Black Fox Camp Ground

* High Tourist area

(Please see back)

* Economic impact of the Rochford Community

Improving life with energy

BHP Black Hills Power

2. Please provide any additional comments you may have on the project.

* This project is very much opposed by the people of Rochford.
* NEGATIVE environmental & land owner impact
* NEGATIVE Recreational / Wildlife / Economic impact
Please consider the other 2 routes for corridor.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Carda, Mark

From: Carda, Mark
Sent: Tuesday, September 14, 2010 10:57 AM
To: 'John Knight'
Subject: RE: Proposed Teckla - Osage - Rapid City Transmission Line

John, BHP went through a process to identify three proposed routes from Osage to Rapid City. Each Alternate represents a one mile wide corridor (all landowners within those were sent letters). Any line constructed could fall within those one mile corridors so we have a rather large area to work with. We will take all the information from comment sheets mailed back to our office along with those from the public meeting to establish the final route. That could take up to a year.

If you could send me legal description of your property I could send a better map for your review?

Thank you for the inquiry.

Mark

From: John Knight [mailto:jlknight30@gmail.com]
Sent: Monday, September 13, 2010 8:07 AM
To: Carda, Mark; Dahlinger, Ron
Cc: alisaknight@gmail.com
Subject: Proposed Teckla - Osage - Rapid City Transmission Line

Mark/Ron -

Recently my spouse, Alisa Knight, received in the mail a notice on a public meeting in regards to the proposed referenced transmission line. We appreciate you sending out the mailing and look forward to receiving additional information about the line. As you will notice on the address, we reside in Portland, OR and will be unable to attend the public meeting on September 16th. Is it possible that you can email me the presentation and/or boards that are being used at this meeting?

Also, I am curious as to who all received this mailing and how the proposed locations were selected. I ask because our 10 acre property, and its surroundings, does not seem like the logical location to place a 230kv transmission line. Did it go out to all landowners within a 1/2 mile of the proposed route? And, finally, has Black Hills performed siting work at the parcel/title level to determine the most suitable route?

I appreciate your thoughts and comments. Either respond to this email or contact me on my cell at 503-860-8903. I look forward to hearing from you.

Regards,

John

Carda, Mark

From: John Knight [jlknight30@gmail.com]
Sent: Monday, September 20, 2010 2:46 PM
To: Carda, Mark
Subject: Re: Proposed Teckla - Osage - Rapid City Transmission Line
Attachments: Pennington County - Rapid City GIS.pdf

Mark, I used Rapid Map to zoom in on it and get the parcel number. It is a small piece of ground (10 acres). The property is in Section 25, Township 2N Range 6E. Aliquot parts legal (approximate since this is a substation) is the SW4SE4SE4 along Sun Ridge Road.

I have also attached a screen shot.

Thanks

On Mon, Sep 20, 2010 at 7:47 AM, Carda, Mark <Mark.Carda@blackhillscorp.com> wrote:

> Haven't forgot about you. I tried to locate your property based on description but I'm not showing it. Can you give me section, township, range? Might make it easier since subdivision names apparently aren't in our data base.
>
> Mark

> **From:** John Knight [mailto:jlknight30@gmail.com]
> **Sent:** Monday, September 20, 2010 8:45 AM
> **To:** Carda, Mark
> **Subject:** Re: Proposed Teckla - Osage - Rapid City Transmission Line
>
> Mark, Haven't heard from you. Are you making the map based upon the parcel number?
>
> Thanks
>
> On Tue, Sep 14, 2010 at 8:35 PM, John Knight <jlknight30@gmail.com> wrote:
>
> Thanks Mark. Please send me a more detailed map. The property I have is in Pennington County and is parcel number 1925400008 OR Lot 1 of the Brentwood subdivision. When you send me the map, please also send a comment card.

Appreciate the response.

John

On Tue, Sep 14, 2010 at 9:57 AM, Carda, Mark <Mark.Carda@blackhillscorp.com> wrote:

John, BHP went through a process to identify three proposed routes from Osage to Rapid City. Each Alternate represents a one mile wide corridor (all landowners within those were sent letters). Any line constructed could fall within those one mile corridors so we have a rather large area to work with. We will take all the information from comment sheets mailed back to our office along with those from the public meeting to establish the final route. That could take up to a year.

If you could send me legal description of your property I could send a better map for your review?

Thank you for the inquiry.

Mark

From: John Knight [mailto:jlknight30@gmail.com]
Sent: Monday, September 13, 2010 8:07 AM
To: Carda, Mark; Dahlinger, Ron
Cc: alisaknight@gmail.com
Subject: Proposed Teckla - Osage - Rapid City Transmission Line

Mark/Ron -

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Also, I am curious as to who all received this mailing and how the proposed locations were selected. I ask because our 10 acre property, and its surroundings, does not seem like the logical location to place a 230kv transmission line. Did it go out to all landowners within a 1/2 mile of the proposed route? And, finally, has Black Hills performed siting work at the parcel/title level to determine the most suitable route?

I appreciate your thoughts and comments. Either respond to this email or contact me on my cell at 503-860-8903. I look forward to hearing from you.

Regards,

John

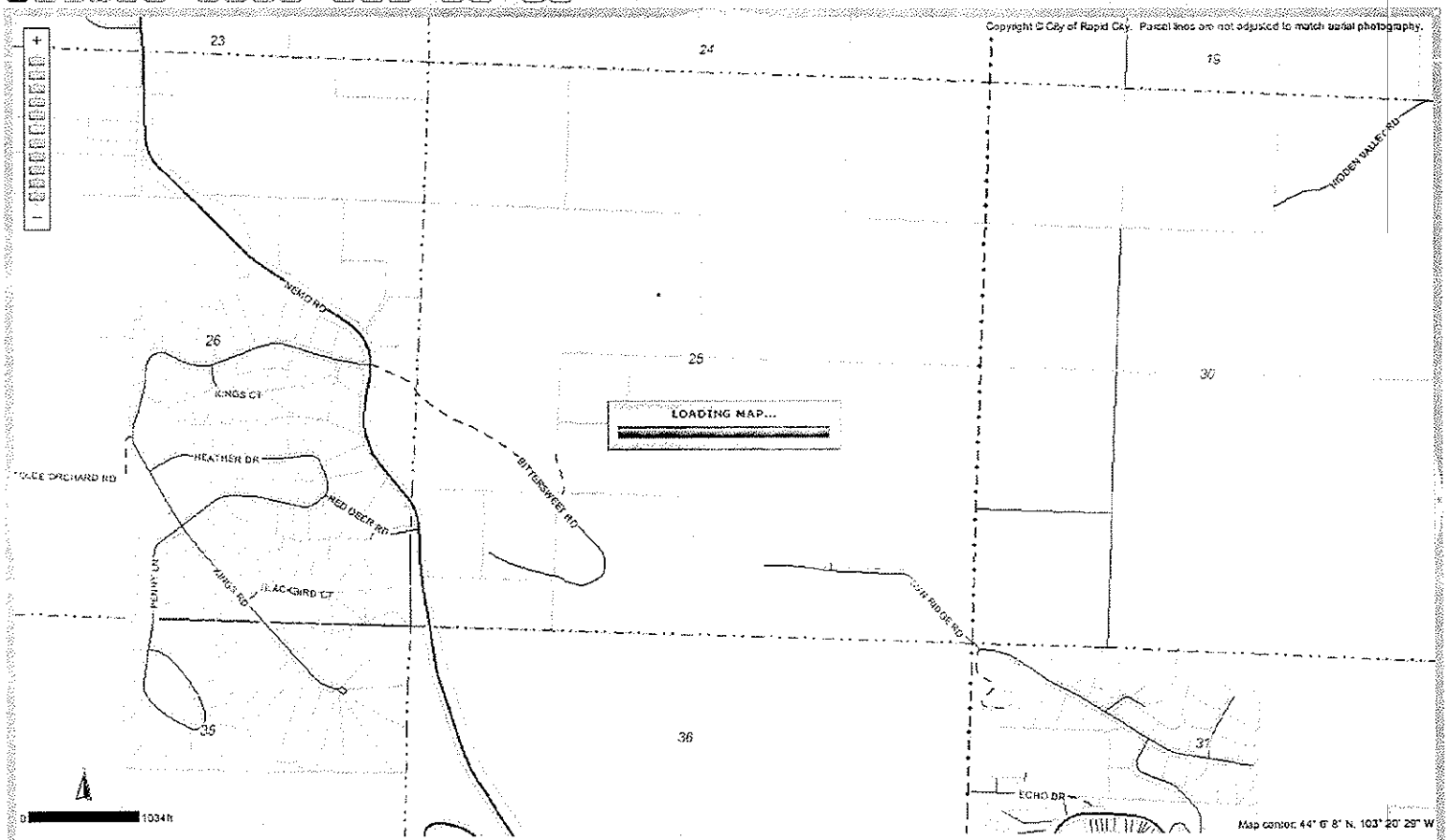
This electronic message transmission contains information from Black Hills Corporation, its affiliate or subsidiary, which may be confidential or privileged. The information is intended to be for the use of the individual or entity named above. If you are not the intended recipient, be aware the disclosure, copying, distribution or use of the contents of this information is prohibited. If you received this electronic transmission in error, please reply to sender immediately; then delete this message without copying it or further reading.

N
Sun Ridge Road
30
31
25
36

RapidMap

Map Service: Select from the following

About Layers Legend Search Selection Set Keymap Bookmarks Print Map Settings Help Feedback PDF Maps Exit



Identify Results

Coordinate Position

StatePlane SD South FT:	1178362, 655961
Geographic:	44° 5' 38" N, 103° 20' 30" W

Tax Parcels

Parcel ID number:	1936100003
Tax ID:	52418
Legal description:	ALL LESS TRACT 0201, LESS LOT H1 OF NW1/4, LESS LOT H1 OF NE1/4 AND LESS LOT H1 OF SE1/4
Section:	36
Township:	2
Township direction:	N
Range:	6
Range direction:	E
Acres:	615.55
Property owner:	USA PUBLIC DOMAIN
Owner city:	N/A
Land assessment:	0
Non-ag struct. assess.:	0
Ag structure assess.:	0
Total assessment:	0
Land use code:	N
Land type code:	C
Improvements code:	0
Tax districts code:	4DDF
Subdivision code:	0
Page number:	0
Seller page number:	0
Tax exempt code:	FD
Comments:	FROM #49471 FOR 2001
TID code:	0

Scale: 1: 11,355 go Quick View: Select a location Map Tool: Zoom In Active Layer: Tax Parcels

powered by Geocortex

BHP-SD-EL14-061-000309

S25, T2N, R6E
Sun Ridge Road

jtknight30@gmail.com
John Knight

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Gerald Kutzler

Address: 20499 - 399th Ave

City/State/Zip: Huron, S.D. 57350

Ph. 605-352-8177

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I do not want any of my family living that close to a major high tension power line.

As a consultant with an engineering back ground, I'm asked to help dairymen with stray voltage problems. The last one being in Michigan with a power line running along a railroad tracks close by. We never did solve the problem for this struggling dairyman.

I as a landowner do not want the "C" option running West of Hill City. Option "A" looks much better for a better future for the Black Hills of South Dakota.

Property Location: West of Hill City, SD
23950 Gray Road

Legal Description: Section Township Range
All 15-04E, Sec. 23 0000094 HES #94, 15-04E Sec 26 0000208 HES #20
15-04E Sec 27 E1/2 NE1/4, 15-04E Sec 26 W1/2 NW1/4

'Gray Ranch' contains 242 acres.

(Please see back)

Improving life with energy

Black Hills Power

BHP-SD-EL14-061-000310

2. Please provide any additional comments you may have on the project.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

RECEIVED
SEP 20 2010

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Darlene Gray Kutzler

Address: 20499 - 399th Ave.

City/State/Zip: Huron, SD 57350

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

If Alternative C is chosen, it will have a huge impact on a narrow strip of property. There is no way we want or will allow this transmission line to cross our property on this list.
The ROW width will cover too much land. Black Hills Electric Coop is the only transmission line which serves our property and they are already in the same location as proposed Alternative C. We do not want another line on the property.
It appears that Alternative A would impact fewer properties and be a more direct route with fewer → go to back page

Property Location: West of Hill City - 23950 Gray Road

Legal Description: Section Township Range
15-04E Sec 26 0000208 HES #208, 15-04E Sec 27 E½ NE¼
15-04E Sec 26 W½ NW¼, 15-04E Sec 23 0000094 HES #94 All

(Please see back)

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BHP-SD-EL14-061-000512

2. **Please provide any additional comments you may have on the project.**

twists and turns. This line, if B or C are chosen, would impact the scenic beauty of the most visited part of the Black Hills. We land owners do not want to look at it either.
It seems that Alternative A has to be the best choice considering cost and impact.
As far as not seeing the advertisements, most landowners would not think BHP would have anything that would impact the areas B & C cross. In the future, all communication should be in letters to landowners. Most people recycle the advertisement section without reading it. Direct communication is the only way to reach those impacted – not meetings that are advertised. It is a well-researched fact that fewer people subscribe to or read newspapers today.

Darlene Geary Kutzler

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

RECEIVED
SEP 20 2010
BY:

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Sandra & Larry Lashley

Address: 22576 Hwy 385

City/State/Zip: Rapid City, SD 57702

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

(1) The most remote (away from homes whenever possible) seems the safest for people.

(2) The least visible from major roads would help preserve the beauty of the Hills

Please notify me of future meetings.

Property Location: Ripley Ridge (adjacent to Bogus Jim & 385

Legal Description: _____ Section _____ Township _____ Range _____

ROUTE A

(Please see back)

Improving life with energy

9/27/10

2. Please provide any additional comments you may have on the project.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

77

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: James F. Lawler

Address: 2250 b Deer Meadow Dr.

City/State/Zip: Deadwood, S.D. 57732

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☐ Other letter

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I would prefer one of the two southern routs
I live 1½ miles west of 385 on Richland Rd
I have 58 acres – 1 of home two ponds.

(Please see back)

Improving life with energy

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Kristi Lewis

Address: 24314 458 Ave

City/State/Zip: Madison, SD 57042

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I support Alt A route due to the least enviromental and residential impact to the Black Hills. Routes Alt B & Alt C greatly impact more private land and the highly populated areas of the Black Hills. Tourism is important to the affected areas. Hill City & Pactola areas provide aesthetic beauty to the area. A transmission line of this size would impact the beauty of this area and ultimately detract from the natural beauty of this area.

I have noticed the amount of land that is impacted by transmission lines in the Black Hills and the lines detract greatly →

Property Location: West of Hill City 23950 Gray Road

Legal Description: Section Township Range

1S-04E Sec 23 000094 HES# 94 All, 1S-04E Sec 26 W½ NW¼ 1S-04E Sec 26 000028 HES# 208, 1S-04E Sec 27 E½ NE¼

(Please see back)

Route C
Hill City Area, Sh. 1

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BHP-SD-EL14-001-000518

9/28/10

2. Please provide any additional comments you may have on the project.

detract from the beauty, tourism is important to the Black Hills area affected by Alt C + Alt B. Alt Route C has a direct impact on our family ranch. We currently have a large power line running through the ranch. This is a working ranch with hay, cattle and timber as major sources of income to our tenants and family. A line off this size could jeopardize the operation of the family working ranch.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: JERRY LITZEL

Address: 10800 NEMO ROAD

City/State/Zip: RAPID CITY SD 57702

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

WE DO NOT WANT THIS ON OUR PROPERTY.

Property Location: 10800 NEMO ROAD

Legal Description: Section Township Range

MONUMENT SUBDIVISION LOT 2

(Please see back)

Improving life with energy

BHP-SD-EL14-061-000320

9/24/10

2. Please provide any additional comments you may have on the project.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

48

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Alan Maas

Address: 13286 Chipmunk Place

City/State/Zip: Rapid City SD 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☑ Project flyer
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I realize we need improvements on our grid but if I have to see or hear a transmission line on or near our property I need to know now so I can sell my property and find a new place before the property value falls off! I would like to know how much noise a line of this size makes. How about taking the money spent to make this transmission line and give us the money to spend on solar and other alternative energy to become less dependant on the grid!

(Please see back)

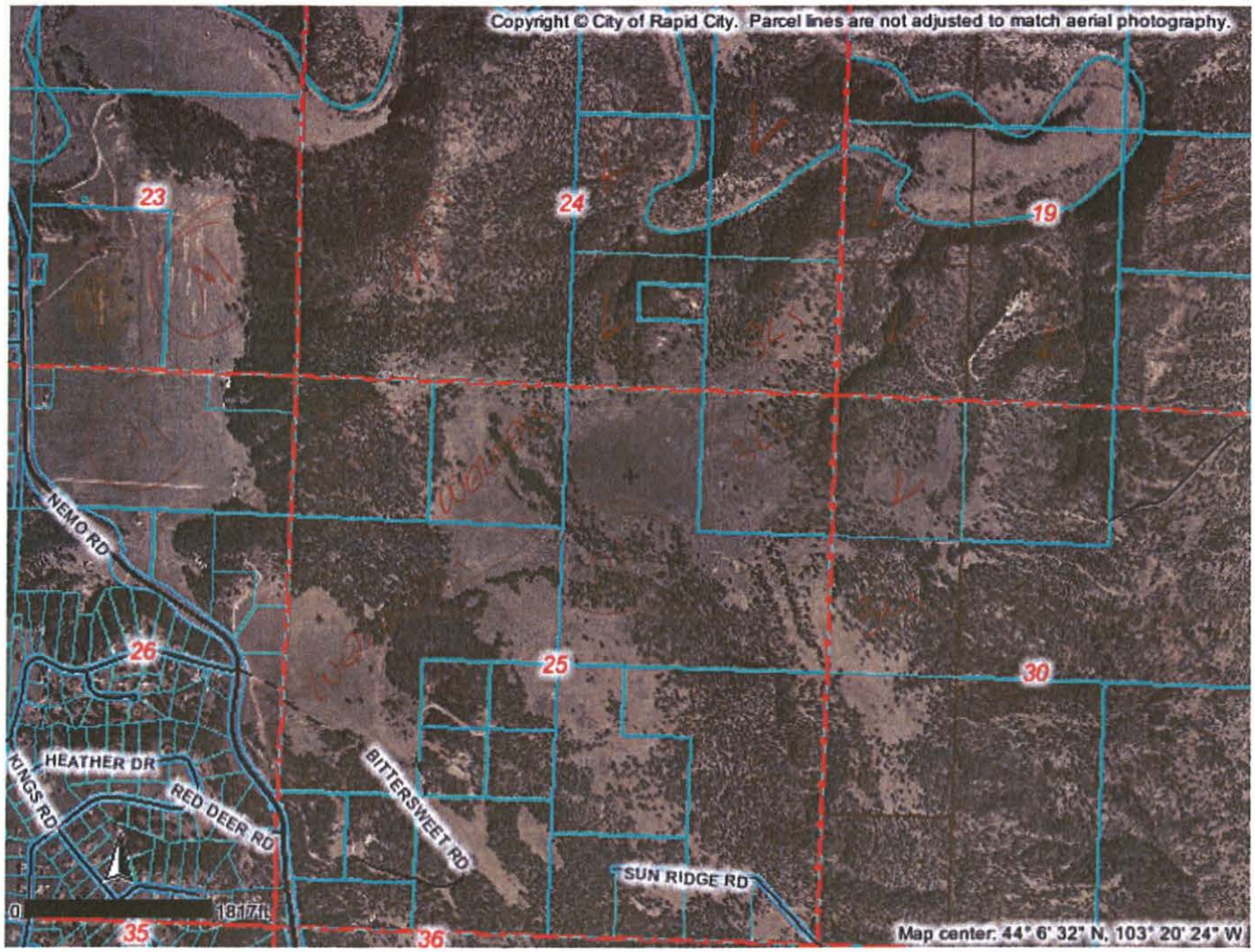
Improving life with energy

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

BHP-SD-EL14-061-000323



MADISON PROPERTY (M) above (6 of them)

MANIS MADISON - HISTORICAL PROPERTY
WILL FIGHT IF CROSS.

http://www.rcgov-gis.org/output/rapid_city_gisweb1824328232.png 9/21/2010

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

143

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Kevin Maier

Address: 22483 Jenny Gulch RD

City/State/Zip: Deadwood SD

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☒ Other Neibor

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I would Prefer you used the Red Line on the Map Route B

(Please see back)

Improving life with energy

BHP-SD-EL14-061-000326

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Mask, Claudia

Address: PO Box 414

City/State/Zip: Buehland, TX 79012

9-21-10

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I would be opposed to any route that would adversely affect building (primarily residential) on my property. I have looked at the maps on your website. They appear to me to possibly affect my property to the west and north.

* I would like to know the actual distance between my property lines and the closest proposed transmission line.

My best and most desirable building site is the northwest corner of my property. It is my main concern that this area not be disturbed in anyway.

Sincerely, Claudia Mask

Property Location: TBD Marshall Gulch Rd.

Legal Description: Tr B Section 19 Township 1 S Range 5 E

ALT-C

HILL CITY AREA, SH-1

(Please see back)

9/27/10

2. Please provide any additional comments you may have on the project.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form (51)

Teckla – Osage – Rapid City 230 kV Transmission Line

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Bret McBride

Address: 12195 Paradise Ln

City/State/Zip: RC SD 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☒ Project flyer
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

We have Rolling Hills Dev. on Nemo Rd. The proposed route A passes thru the middle of our land. On the South end of our property on the County line is the bush area from 2007 fire that would be a much better route for us + residents of Rolling Hills.

(Please see back)

Improving life with energy

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

62

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Ed McBride

Address: 1611 Flormann ST

City/State/Zip: RC SD 57701

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☒ Project flyer
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

Rolling Hills Dev.

BEST IF SOUTH SIDE (OLD BURN AREA).

(Please see back)

Improving life with energy

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

176

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Roy McLaws

Address: 22463 Alpine Acres Dr.

City/State/Zip: Deadwood SD 57732

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☒ Other Letter mailed to us

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

please use Either B or C. I Feel it would be better to use Corridors that are alread existing. as the public would most Likely welcome the Idea. I live in a neighborhood on Rochford Rd. where the Power lines would not be welcome.

We Do not want you to use the upper Route.

(Please see back)

Improving life with energy

BHP-SD-EL14-061-000334

2. Please provide any additional comments you may have on the project.

Would you please use the Lower Routes as they already have had Pwr lines in them before and it would be less of an Impact.

Worst Case Senario. if you must use The upper Route at least Keep it out of Lawrence CO. and Meade Co.

I see no Reason why it cannot move South a Little as it Nears Rapid City.

if you have Questions you may call me.

Roy- 484-5272

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

144

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Sonja & Eddie Newton

Address: 7109 Grosbeak Ln.

City/State/Zip: Black Hawk, SD 57718

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☒ Other Letter

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I just want to know which line and want to be kept in the loop on the process

(Please see back)

Improving life with energy

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Richard K. & Sandra Olson

Address: 12349 Rochford Road

City/State/Zip: Deadwood, So. Dakota 57732

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

Plan A would be an infringement on a beautiful, peaceful area. The proposed route of Plan A puts the line through the private property of several homes located in an area known as Alpine Acres and Jim Creek valley. The line would be in sight of Rochford Road & several homes.

We hope you do NOT select →

Property Location: 12349 Rochford Road. We are .7 miles west of Hwy 385 on Rochford Rd.

Legal Description: **Section** 002 **Township** 04 **Range**

Lot 1 of SW1/4 SE1/4 & E1/2 Lot 2 of HES 111

(Please see back)

2. Please provide any additional comments you may have on the project.

the northern route A as it appears on the map.
If this route is chosen, please keep it south of Rochford Road and the Alpine Acres and Jim Creek Valley area.

This route makes a north turn in Section T2NR3E toward Rochford Road. Instead of turning north, please consider proceeding straight east crossing this area a half to a mile further south of Rochford Road.

Please check to see if we are on your mailing list & keep us informed on this matter.
We are not sure we received this mailing from you - a neighbor gave us a copy.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Ortman 202

Teckla – Osage – Rapid City 230 kV Transmission Line

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Wayne ORTMAN

Address: P.O. Box 157

City/State/Zip: CANISTOTA S.D. 57012

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☒ Other Letter

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

Mickelson Trail - RATed 1 of The TOP Trails in The USA Should NOT become a Site For TRANSMISSION LINES FOR Travelers To View.
Rapid Creek along PART of The Trail

ALT A NO
Having been hit by lighting - I'm very Sensitive To Electric Fields So I will NOT be wanting more

(Please see back)

Improving life with energy

Black Hills Power

BHP-SD-EL14-061-000340 9/24/10

2. Please provide any additional comments you may have on the project.



Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: SYLVAN G. PAULSON

Address: 3430 Cottonwood ST APT A

City/State/Zip: Rapid City, SD 57702

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

This plot was purchased in over 40 years ago and have lived on the land over 30 years. It is my plans to spend my later years on this land in peace, and enjoy the beauty of the Black Hills. Please run these lines over the national forest and out of site of residence homes. I will do everything in my power to avoid the view of your proposed transmission line from my front porch and the view of the forest land in my area.

Property Location: Lot 2 Woodland Valley Subdivision No 2 (10 acres)

Legal Description: NW¼ of NW¼ Section 14 Township T2N Range R6E B.H.M.

22524 Potter Road, Rapid City, SD 57702

(Please see back)

Improving life with energy

BHP-SD-EL14-001-000542

2. Please provide any additional comments you may have on the project.

Please contact me if my property will be considered to be in the proposed routes for this transmission line.

Sylvan G. Paulson
3430 Cottonwood St, Apt A
Rapid City, SD 57702
(605) 342-4128

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Harley C. Peterson

Address: 6013 Hillside Dr.

City/State/Zip: Black Hawk SD 57718

I am house bound and can't get out anymore for the meetings

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

the first issue is how much is it going to cost us our is the corp. going to pay for it. I feel like you gave us a good kick in the butt. I feel like that raise was just corporation greed. I have lost all my respect for Black Hills Power and I will strongly oppose the transmission line if you would have sent a Comment letter like it's before and when you were building the gas line I would have felt different. I'm sorry to say that I don't trust BHP anymore and I say no to your transmission line. and I will be writing letters to the PUC opposing this line

Harley Peterson

Property Location: Parcel 20.63.03.05

Legal Description: 20 Section 63 Township 03 Range 05

(Please see back)

Improving life with energy

BHP-SD-EL14-001-000544

9/15/10

2. Please provide any additional comments you may have on the project.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

147

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Lowlyn Stratton — Steve Post

Address: GCC Dacotah Cement

City/State/Zip: Rapid City

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☐ Other Mail

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

Land for Rock Quarry around 180 Acres
~~Land~~ B- and C Run Thru area of Quarry

(Please see back)

Improving life with energy

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

53

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Marylu Pierce

Address: 22660 Mecher Rd

City/State/Zip: Rapid City, SD. 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

CAN'S LOCATED ON "B"

(Please see back)

Improving life with energy

Black Hills Power

BHP-SD-EL14-061-000348

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: MICHAEL & ADRIANNE PRUNTY

Address: 13009 OVERLOOK DRV

City/State/Zip: RAPID CITY, SD 57702

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

SELECT ALTERNATE ROUTE A

Property Location: 13009 OVERLOOK DR

Legal Description: Section Township Range

LOT 7R MOUNTAIN PINE SUBDIVISION PENNINGTON COUNTY SD
PLAT BOOK 28 PAGE 24

(Please see back)

Improving life with energy

2. Please provide any additional comments you may have on the project.

SELECT ALTERNATE ROUTE 'A'

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

RECEIVED
SEP 0 1 2010
BY:

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Perry Rahn

Address: 11950 McVey Rd.

City/State/Zip: Hill City, SD 57745

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I don't like Alt. B because it goes right through my place.

Property Location: SW 1/4, SE 1/4, S. 29 T 1N R 4E

Legal Description: _____ Section _____ Township _____ Range _____

(Please see back)

BHP-SD-EL14-061-000352

2. Please provide any additional comments you may have on the project.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Carda, Mark

From: Carda, Mark
Sent: Wednesday, September 22, 2010 8:43 AM
To: 'nick'
Subject: RE: Teckla-Osage Power Line
Attachments: Reed.pdf

Nick, see response below.
Mark

From: nick [mailto:nrreed@copper.net]
Sent: Monday, September 20, 2010 12:49 PM
To: Carda, Mark
Subject: Teckla-Osage Power Line

September 20, 2010

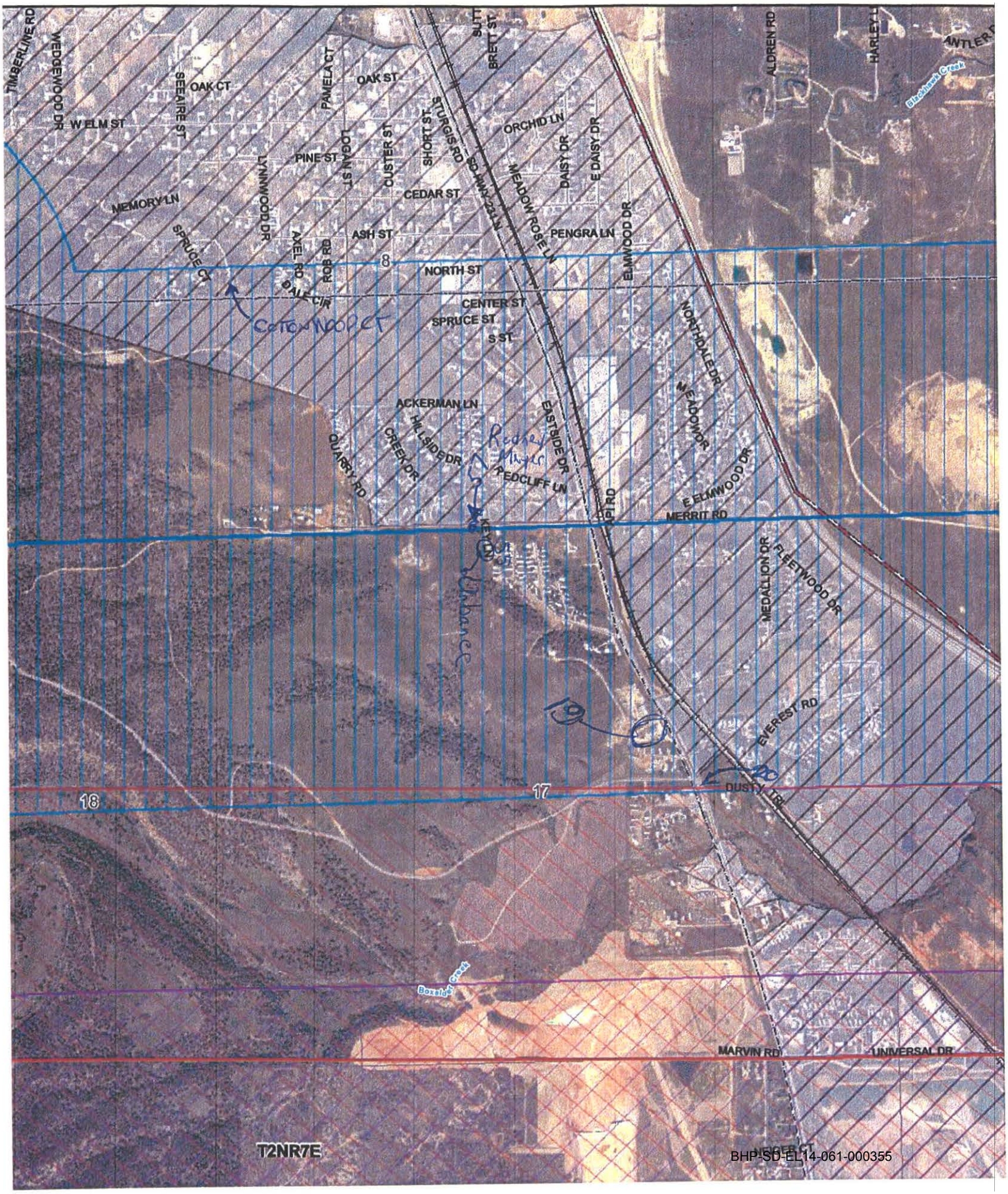
Mark Carda, Manager of T&D Engineering, Black Hills Power.

This is regarding the comment form on the Teckla-Osage- Rapid City 230 kv power line.
I just have a few questions about this project.
If my property is within one of the corridors how close am I to the right of way? Your property falls near the edge of one corridor. Each alternative represents a mile wide corridor. We are probably a year out before we finalize an actual route.
What about property values, is this going to have an effect on them? In most cases a line has minimal effects on values.
Would there be any noise emitted from the lines,as I have read about this in the paper? Design is based on all required codes.
My property is located at 6402 CottonWood Ct.BlackHawk, SD 57718. I've attached a better map showing Alternate A and your property.
It is in Borden subdivision Lot 1 of tract G in lot 6.

Thank You.
Nick Reed
6402 CottonWood Ct. Black Hawk, SD 57718
605-787-5967
Email-nrreed@copper.net

0 1,000 2,000 3,000 4,000 5,000

Feet



Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

49

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Robert Reznicek

Address: 9401 Schroeder Rd

City/State/Zip: BC 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

THIS PROPERTY ON "C" AVOID IF POSSIBLE

(Please see back)

Improving life with energy

BHP-SD-EL14-061-000356

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Carda, Mark

From: Dahlinger, Ron
Sent: Friday, September 17, 2010 4:50 PM
To: Rickerts, John
Cc: Carda, Mark
Subject: RE: New Power Line Issue
Attachments: 3685_001.pdf

Thank you, John for your comments. We had a good turnout at our meeting last night and got some good input from landowners regarding our project.

We did not do a presentation at our meeting last night but worked with landowners to show them where their property was relative to the three alternative routes and I have attached the handout information we gave to attendees to this E mail. The project information meetings we have had are just the first step in the line routing process and the Forest Service will also be having meetings in the future as most of these routes are largely on Forest Service Property. The Forest Service EIS (environmental impact statement) process is expected to take about two years and we have just started working with them in this route selection process. At this point, when the decision is made as to which route would be the best route taking into consideration private property owners and the issues in the Forest including sensitive species, cultural sites, etc. could take up to two years or more.

We will document your comments and include them with the comments we have received at our meeting. Please contact me in the future if you have more questions or concerns or want to check on the status of this project. The other contact person in my office is Mark Carda, who is the project manager and his E mail address is mark.carda@blackhillscorp.com .

Thanks again

From: Rickerts, John [mailto:John.Rickerts@harley-davidson.com]
Sent: Thursday, September 16, 2010 4:46 PM
To: Dahlinger, Ron
Cc: 'rec_2@charter.net'
Subject: New Power Line Issue
Importance: High

Ron Dahlinger,

My name is John Rickerts and I am the owner of Lot #4 in the Wheel Inn Acre subdivision along Highway 385. I have also been in contact with Roger Harmon who is the owner of Lot #3 in the same subdivision. We are both absentee owners of these properties as is the owner of Lot #5 a Mr. Tom Gilten whose son Dan has already begun building their retirement home on that lot. Having just received your letter of Sept. 7th this past Monday Sept.13th explaining that there will be a meeting TONIGHT there in Rapid City to show the interested parties what the implications are of this new high power line, none of us are able to attend that meeting tonight. We would all have to travel a long way to get there for this open house and with this short of notice that is not manageable.

What I can tell you on behalf of Mr. Harmon and myself is that we are adamantly AGAINST Alt. B & C and would only find Alt. A acceptable in our circumstance and location. We have bought this property for the pristine environment the Horse Creek area offers to us for our retirement years along with the fact that we all would and are building new homes in this area that would be compromised with this kind of high power running almost directly over our heads. You represent the Power Company and I am sure are aware of the extremely poor health & living conditions this would create for us and any other living animal life that would be directly affected by this kind of line running this close to the existing and future homes. All of us bought this property several years ago without any knowledge of anything of this type being possible since this area sits within the Black Hills National Forest where we assumed that this kind of "commercial" project would not even be possible.

In looking at these 3 routes via a satellite map all 9 of the new property owners including the new owner of the Horse Creek Inn, Mr. Mark Ruddeforth would be adversely affected due to the proposed location of Alt. C

and so far Mr. Harmon and I are both AGAINST Alt. B as well as I am sure the other new property owners would be once they realize just where Alt .B or C places this power line in relation to their properties and future homes.

Since I/we will not be able to attend this evenings Open House around this topic I am requesting you send me a copy of any and all presentation materials from this evenings meeting. I am not sure how "Eminent Domain" comes in to play here but once I have retained legal representation I will be pursuing whatever course necessary to officially protest the possibility of Alt. B & C.

Thank you for your time and consideration and I will look forward to your reply and the related materials from this evenings Open House for our further review.

Respectfully,

John & Kathy Rickerts
Property owners of Lot #4 in the Wheel In Acres subdivision
S54W23920 Woodmere Trace
Waukesha, WI. 53189
WK# - 414-343-4546
Home # - 262-650-0263

Roger Harmon
Owner of Lot #3
North Platte NE.
WK# - 308-534-0070
Cell# - 308-530-1189

This communication (including any attachments) is for the use of the intended recipient(s) only and may contain information that is confidential, privileged or otherwise legally protected. Any unauthorized use or dissemination of this communication is prohibited. If you have received this communication in error, please immediately notify the sender by return e-mail message and delete all copies of the original communication. Thank you for your cooperation

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

94

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: DAVE RIEMENSCHNEIDER

Address: 7100 SUN RIDGE RD

City/State/Zip: RAPID CITY, S.D. 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☒ Project flyer
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

ALTERNATIVE "C" CROSSES THRU MY 10 ACRE RESIDENCE. THE DEVELOPEMENT INCLUDES 1600 ACRES SUBDIVIDED INTO 10 ACRE LOTS. CITY/COUNTY HAS RECENTLY INSTALLED A NEW CHIPSEAL ROAD INTERSECTING PROPOSED ROUTE. AS IT APPEARS, THE LINE WILL CROSS DIRECTLY OVER MY 6000 SQ. FT RESIDENCE.

(Please see back)

Improving life with energy

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

64

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name:
Dennis & Jo-Jean Roy

Address:
22587 Lightning Ridge

City/State/Zip:
Rapid City, SD 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☒ Project flyer
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

Prefer not to have it cross any smaller parcels of private property. Don't want it to ruin the beauty of "our" Black Hills.

(Please see back)

Improving life with energy

BHP-SD-EL14-061-000362

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

192

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: JEFF SALINE

Address: 4543 Sturgis Rd

City/State/Zip: Rapid City, SD 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☒ Project flyer (in mail)
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I'd rather see you pick route A but if it's B or C I'll live with it.

I am concerned with noise or other interference.

D/T Routes B, C.

(Please see back)

Improving life with energy

BHP-SD-EL14-061-000364

2. Please provide any additional comments you may have on the project.

Thank you for the opportunity to review the project and make comments.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

196

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: John Sanders (Sanders Ranch)

Address: 23266 Hwy 385

City/State/Zip: RC SD 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☒ Project flyer
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

If you have to come through The Ranch, put The Towers on the West side of existing Power line otherwise it will be too close to my existing house. And the Buffalo Pasture in the middle of the Bald Hills will not by affected. I don't want the large steel towers which will really affect the value of the property.

(Please see back)

Improving life with energy

BHP-SD-EL14-061-000366

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

107

Sandness

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Linda & Roger Sandness

Address: 11521 Melchert Pl.

City/State/Zip: Rochford, SD 57745

How did you hear about this meeting? (this helps us to know how best to provide project information to the public) we didn't hear about the meeting until after it was over. A friend picked this form up for us.

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☒ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

- ALT A -

* This is pristine wilderness and needs to be protected
* This area provides significant habitat for elk, bald eagles, mountain lions and other nationally rare species
* This area is rich with historical sites including ghost towns, stagecoach stops, mines and the Custer expedition route
* Alt B is already designated as a route so use it and not destroy another area

(Please see back)

Improving life with energy

BLACK HILLS POWER

 8/28/10

2. Please provide any additional comments you may have on the project.

We are very concerned about the ALT A route. My husband and I saved our whole careers to buy land in the Black Hills that was in the wilderness away from high line wires, busy roads and lots of people. After a long search we found this place and spent the next 10 years building our home ourselves during the summers. We put our blood, sweat, tears and finances into this and are now retired living here and enjoying what we dreamed about. Obviously, we didn't dream about ugly transmission lines destroying our beautiful environment or our property value.

Your map shows that ALT B already has substations on it so must be designated already as a right-of-way. Why in the world would you consider ripping up beautiful, rare wilderness when you already have a feasible route according to your own map?

Please, please don't ruin what we have worked our whole lives to establish.

Take a minute please and put yourself in our shoes and truly experience what this feels like. Thank you.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

21

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: DONNA SAVAGE

Address: 10800 CANYON PL

City/State/Zip: RAPID CITY, SD 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☒ Other MAILING

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

PLEASE AVOID MY PROPERTY DIRECTLY. HEALTH AFFECTS ARE ALSO A CONCERN.

(Please see back)

Improving life with energy

Black Hills Power

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

James Schad
22501 Porter Rd
Rapid City S.D.
57702

9/23/10

Dear Mark Carda,

We have heard of the power line going through our area + we are strongly opposed to it! It would ruin a very pretty part of the Black Hills. It would ruin our homes! Why not run the power line along the freeway where the scenery is already scattered with power lines.

We donot support the idea in any way!

Thankyou very much-

Sincerely
Jim + Kathy Schad

SEC 14, T2N, R6E

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

195

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Sandra Fairbrother : Dale Scheurer Estate

Address: 22500 Potter Road

City/State/Zip: Rapid City, S.D. 57702

(seven oaks subdivision)

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☒ Other letter sent to us

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

My father has had this land for 41 years. He passed away and we just replatted it. I live in the original house. It is right in the middle of your proposed line. I will have 3 ~~acres~~ Acres and it will be right in my back door. This house is in a valley and the sight is very valuable. It will depreciate the land and I don't want a powerland in my back or front yard!! Both my brothers have the same problem

(Please see back)

Improving life with energy

BHP-SD-EL14-061-000374

2. Please provide any additional comments you may have on the project.

I think you ought to go where there are already existing lines rather than disturb & make new ones!

I am against this and will fight it every way possible!!!!

When a person owns land for 40 years they ought to not have to have a line on their land.

Go where there are lines!

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Carda, Mark

From: Carda, Mark
Sent: Monday, September 20, 2010 9:33 AM
To: 'Jeff Schleusener'
Subject: RE: Teckla to Osage to Lange transmission lines

Jeff, thank you for your concerns and input. We are a long way from having a route established and will include all comments into our decision. Each of these alternatives represent a mile wide corridor with anyone potentially having the line sited on it. This will take some time since we are working with the Forest Service as well and individuals like yourself. Sure we are a year+ out before we are at a point where a true route is in place.

Mark

From: Jeff Schleusener [mailto:jtschleus@msn.com]
Sent: Saturday, September 18, 2010 2:05 PM
To: Carda, Mark
Subject: Teckla to Osage to Lange transmission lines

Dear Sir:
Unfortunately, I was unable to come to the BHP open house on September 16, 2010 but I did want you to understand my misgivings about this transmission line.
I am very concerned about one of the proposed routes for the Teckla-Osage-Lange transmission line. As I read the map, Alt A would go right through my back yard. I'm not even a BHP customer at this residence (you don't provide service to this area).
I am concerned about potential adverse health effects, loss of property value and having to look at an unsightly transmission line in my back yard. Is BHP going to reimburse me for the loss of my property value? buy our property outright? reimburse medical expenses?
Certainly there are other routes that would not affect so many people/homes as we have here in this neighborhood.
Do my neighbors and I have to "lawyer-up" to stop this? I get the sense talking to my neighbors that legal action wouldn't be out of the question.

I am strongly opposed to Alt A in this proposed transmission line,
Jeff and Lauri Schleusener
13396 Bone Path
Rapid City, SD 57702
(my home is located off Nemo Rd, off Potter Rd. My back yard borders Meade County)
342-0281

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

40

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Stan Scheurer

Address: 22514 Potter Rd,

City/State/Zip: Rapid City, SD, 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☐ Other letter

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I do not want this on my land. I will fight it on my land.

(Please see back)

Improving life with energy

Black Hills Power

BHP-SD-EL14-061-000378

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

CONTACT # _____

RIGHT OF WAY CONTACTS

Owner (s) Rick Schlizing **Date** 9/14/10

Time _____

Telephone # 651-688-7147

Type of Contact _____

Witness Present _____ **Parcel #** _____

Legal Description _____ **S** ____ **T** ____ **R** ____

_____ **S** ____ **T** ____ **R** ____

_____ **S** ____ **T** ____ **R** ____

Comments and Remarks:
NEMO ROAD PROPERTY
STAGE BARN ADDITION -

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

63

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Dr. Randy Schlesner

Address:

City/State/Zip:

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

Nemo Road Property

(Please see back)

Improving life with energy

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

31

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

PROPERTY ADDRESS:
7201 PINEWOOD COURT
RAPID CITY, SD 57702
LEGAL DESC.: W½ OF NE¼ NW¼ SEC. 10 T2N-R6E

Please provide your current mailing address:

Your Name: GREGORY & KRISTI SCHNEIDER

Address: 1447 CASTLE POINTE DRIVE

City/State/Zip: CASTLE ROCK, CO 80104

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☑ Other RECEIVED LETTER

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

The Black Hills are stunningly beautiful. We look out our window as we write this and are still in awe. As former residents of South Dakota, we couldn't wait to move back and began the search for the perfect retirement home. We took our time and looked at many properties in the hopes of finding that perfect property. We just so fortunate when we finally found it — a gorgeous 20-acre lot with a beautiful log home. The reason we bought the property was clear; undisturbed, natural beauty.

(over)

(Please see back)

Improving life with energy

Black Hills Power

BHP-SD-EL14-061-000384

9/28/10

2. Please provide any additional comments you may have on the project.

surrounding our home. You can imagine our horror in receiving your letter stating your intent to basically ruin our beautiful property and that of our neighbors. We not only do not want to have to view the very invasive power lines (which are HUGE!), but also take huge offense at the amount of trees that will be removed in the process. It will be a huge violation to this property. It seems very wrong to come directly through a neighborhood with no regard to the residents who have spent large amounts of money for these properties (including us). There is no doubt it will have an extremely negative effect on our property. Property values will lower, our beautiful view will be damaged, and this will indeed affect the value. That being the case, it may be difficult for resale and also for obtaining necessary appraisals should someone wish (or need) to refinance, creating financial hardship). This could easily harm many of the residents in this area. We are paying very high property taxes for these properties which, I am sure, will not go down even if resale is difficult and values drop. We wish to state with all sincerity that we are hoping you will choose a path that will not cause destruction to our neighborhood. We feel it will be a huge detriment to our property in value, view and our future use and enjoyment. We do not wish our grandchildren to hike around the power lines nor do we want the lines near our property. Thank you for your consideration.

Kristi Schneider Greg McAnelly

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

BHP-SD-EL14-061-000365

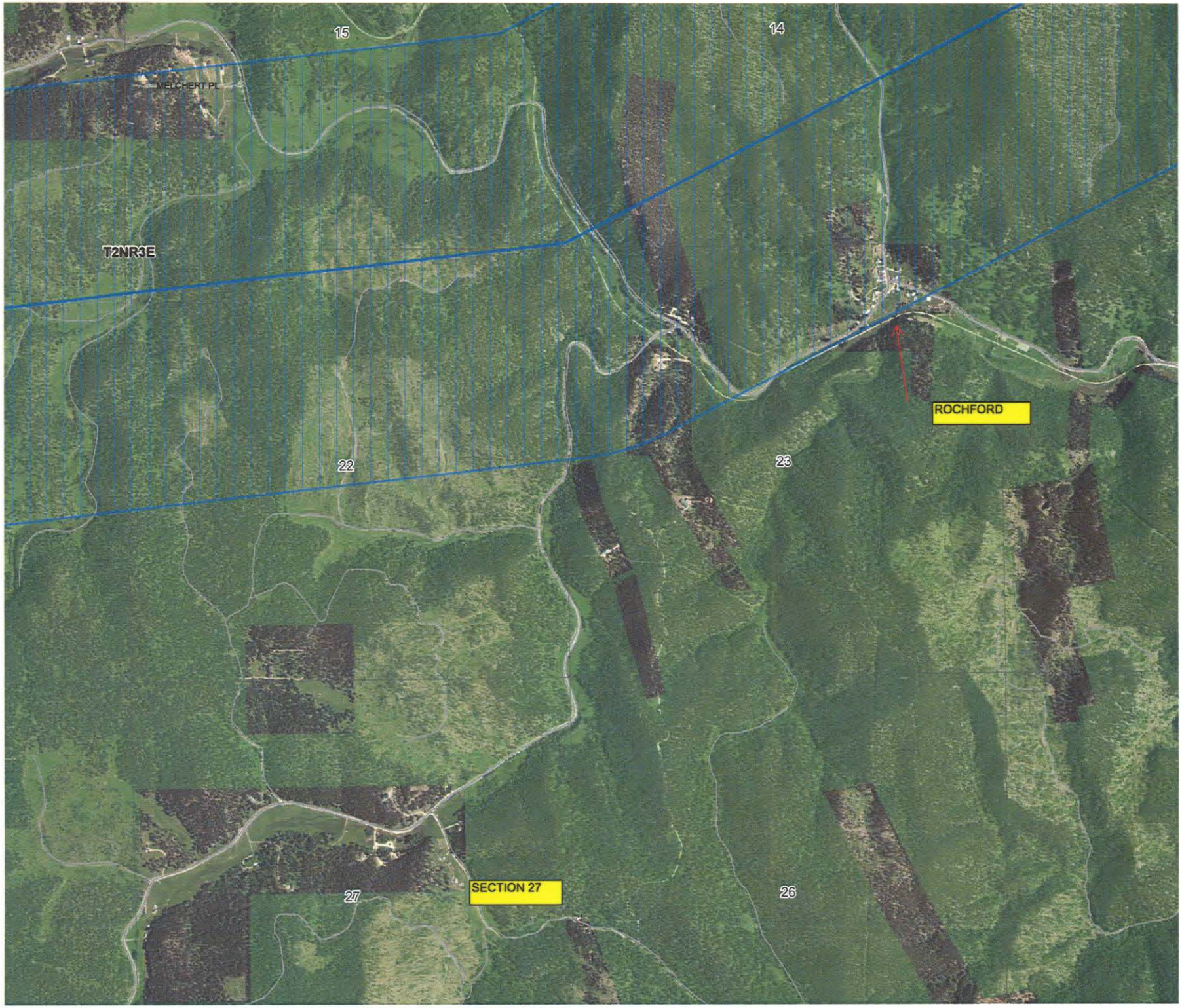
Carda, Mark

From: Carda, Mark
Sent: Monday, September 27, 2010 9:52 AM
To: 'Sue Schwaneke'
Subject: BHP Proposed line
Attachments: 3938_001.pdf

Sue, attached is a map showing Rochford and section 27. Obviously we would not build a line right over or through the town of Rochford. This is just one of the three proposed routes and each shows a mile wide corridor. We could build anywhere within one of the three corridors. At this point we are a year or more out before we have a preferred route.

Mark

From: BH CORP. ENGINEERING [mailto:RCOC1GS02@blackhillscorp.com]
Sent: Monday, September 27, 2010 9:49 AM
To: Carda, Mark
Subject: Attached Image



BHP-SD-EL14-061-000387

Carda, Mark

From: Sue Schwaneke [schwaneke@aol.com]
Sent: Monday, September 27, 2010 9:12 AM
To: Carda, Mark
Subject: Re: Teckla Project

Mark, thank you for your prompt response.

Below are the legal descriptions-

Legal Description:	2N-03E SEC 27 E1/2SW1/4NW1/4 & W20' OF C S LANE (A PRIVATE DRIVE EASEMENT LOCATED IN THEE1/2SW1/4NW1/4) LESS CO RD ROW
Property ID:	16-27-100-003
Tax ID:	0014284
Legal Description:	ROCHFORD TOWNSITE PATENT SUBD LOT I OF LOT 13
Property ID:	16-23-226-001
Tax ID:	0008333

Sue

-----Original Message-----
From: Carda, Mark <Mark.Carda@blackhillscorp.com>
To: Sue Schwaneke <schwaneke@aol.com>
Sent: Mon, Sep 27, 2010 10:05 am
Subject: RE: Teckla Project

Sue, if you give me the legal description of your property I could email you a better map?

Mark

From: Sue Schwaneke [mailto:schwaneke@aol.com]
Sent: Saturday, September 25, 2010 11:24 AM
To: Carda, Mark
Subject: Teckla Project

I have received your letter regarding the proposed project to install new transmission lines.

However, the map offered on line does not provide enough information as to where the lines would be. I have property in the town of Rochford and ranch land approximately 3 miles outside the town. I cannot identify Rochford on the map, nor are any of the road labeled. If the Proposal A is going over the town of Rochford, I would strenuously object to this route.

Is there another map available that would provide these details?

Thank you.

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Dorothy Teller

Address: 10900 Nemo Rd

City/State/Zip: Rapid City SD 57702

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I do not want this on my property.

Property Location:

Legal Description: Section Township Range

Monument Subdivision Lot 1

(Please see back)

Improving life with energy

BHP-SD-EL14-061-000390

9/24/10

2. Please provide any additional comments you may have on the project.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

105

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Jeanie Severson / Cheryl Hesse

Address: 6480 + 6500 Custer St

City/State/Zip: Black Hawk SD 57718

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☒ Other Mailing

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

If you choose ALT A please take it through Pete Lien's quarry BUT it looks like ALT C is the Best & Lowest impact on peoples lives & health.

(Please see back)

Improving life with energy

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

46

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Kent Simon

Address: 13651 Chariot Pl

City/State/Zip: Rapid City, SD 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☒ Project flyer
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I have a solar house with 20 2 story windows Facing South and I would not like to be Looking at a Power Line. I have heard High Voltage Power Lines when the weather is wet and I don't want the noise. I am afraid that the power line will scare all the Wild life away around my house. I do not want Alt A!!

If you would give us the money that it will

(Please see back)

Improving life with energy

Black Hills Power

2. Please provide any additional comments you may have on the project.

Cost for a Solar Electric System for our houses we would Lower the demand on the Grid.

See my Land & House on Your Map #46

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

BHP-SD-EL14-061-000396

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

86

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Tim + Jeanne Simon · Phone - 605-341-1986

Address: 7104 Grosbeak Ln email - bsrsimon@rap.midco.net

City/State/Zip: Black Hawk SD 57718

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☑ Other mailed notice to us,

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

Our property is located in Woodland Hills Subdivision, a housing development with pristine views, uncluttered by large power lines. The scenery is an important and valuable part of this area. We bought the property based on the beautiful view, which also makes the property much more valuable.

Route A - Blue

SEC. 01, T2N, R6E

PACTOLA - LANGE; SH 2 *(Please see back)*

Improving life with energy

Black Hills Power

2. Please provide any additional comments you may have on the project.

All power lines in Woodland Hills Subdivision are buried, so they leave the views unobstructed. The Route A would go right across our view, which would de-value our property.

Also - we are unable to get natural gas in this area due to the rocky land - they are not able to dig in gas lines. So perhaps the rocks would also prohibit digging in power poles.

Are there transmission lines already in place in other areas that could be expanded to include these new lines? This would save time & money from having to clear new forest areas for another line.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

BHP-SD-EE14-061-000397

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

84

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Michael Smith

Address: 4475 Crooked Oaks Rd.

City/State/Zip: Piedmont SD 57769

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☒ Other letter

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes: 787 4557

(Please see back)

Improving life with energy

Black Hills Power

BHP-SD-EL14-061-000398

2. Please provide any additional comments you may have on the project.

Alternative B – goes through my property

A – is next to my property

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

BHP SD EL 14-061 000350

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

Please send to Penn, Cnty officials

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Kathleen Aoli

Address: 13114 N. Creek View

City/State/Zip: Rapid City (Johnson Siding) SD, 57702

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

lines must be **buried**. "Integrated Transmission Network" is vulnerable to sabotage/EMP.
By "Future demand" you mean substations to run oil from Canada to Texas to sell to the Chinese. Gravity alone won't bring the oil that far.
The local controlled growth department has nothing to do with ensuring we don't outgrow our clean air, water and land.
No ~~to~~ to a Pactola Substation. Your above ground lines have already destroyed the previously pristine beauty of the Black Hills.
Your expected date of service is underestimated to keep people off their guard.

Property Location: Johnson Siding. US Forest Land is on top of my property & I want to keep it that way – Free of huge transmission lines.

Legal Description: Lot 4 **Section** 21 **Township** 1N **Range** 6E

(Please see back)

2. Please provide any additional comments you may have on the project.

You are saying a 230 kV line but we know that's just a way to get your foot in the door and that you'll be able to increase the voltage at any time. Thinking people know that high voltages lines are capable of splitting the human genome. You require a right-of-way width of 125 feet because of a NIOSH study that speaks of the negative effects of electricity on human health.

Siting along the freeway is fine but do not touch Forest Service – National Forest land.

Ask the State public commission what the turn over is for homes next to powerlines. How many owners died?

Ask the people who have fought so hard to keep sub stations out of their neighborhoods and away from their schools why they fought so unceasingly.

Powerlines must be buried – Ask the Pine Ridge and Roseland residents how long they were without power last winter.

We have enough wind, solar and geothermal energy potential in this clean state we don't need coal generated electricity here to pump oil to Texas for export.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

61

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Eugene Solseth

Address: 4761 Sturgis Road

City/State/Zip: 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☒ Project flyer
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

None

(Please see back)

Improving life with energy

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

35

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: MARTIN & KATHRYN SPAHN

Address: 22801 NORRIS PEAK ROAD

City/State/Zip: RAPID CITY, SD 57702 (605) 343-6824

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☒ Other DIRECT MAILING

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

EMF EXPOSURE AND RELATED POSSIBLE HEALTH RISKS
FOR EXAMPLE: CHILDHOOD LEUKEMIAS, DEPRESSION, ETC.

(Please see back)

Improving life with energy

BHP-SD-EL14-061-000404

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

151

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Gayla Spelts

Address: 23080 McCandy Gulch Rd. (Mailing CPO Box 9553)

City/State/Zip: Rapid City, SD 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☑ Other letter from BH Power

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

Strongly urge you to run adjacent to existing lines & not come over my land.

(Please see back)

Improving life with energy

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

#62

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Christine Streich

Address: 23165 Horseman's Ranch Rd.

City/State/Zip: Rapid City, SD 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☑ Other Letter

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

Our location (Coyote Blues Village B&B) attracts tourists & locals because of the great views. With Alternate C our whole property would be in the corridor and the use (& the clearing of more trees) would disrupt the now undisturbed scenery. This would be a great loss to us – also financially.

(Please see back)

Improving life with energy

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

101

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address: (605) 341-3945

Your Name: Bill & Kathleen Timberman

Address: P.O. Box 9303

City/State/Zip: Rapid City, SD 57709

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☑ Other Mailing

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

See attached letter

(Please see back)

Improving life with energy

Black Hills Power

9/4/10

Bill & Kathleen Timberman
P.O. Box 9303
Rapid City, SD 57709
605.341.3945

Re: Comment **#101**

Thank-you for this opportunity to express our opinions concerning the proposed routes for the **Teckla-Osage-Rapid City 230 kV Transmission Line Project.**

Our property is located at the **Paha Sapa Highlands Subdivision** off Nemo Road where proposed Line A affects. We have three acres that we purchased back in 2006 where we planned on building our dream lodge to share with our family and to pass on to future generations. We purchased land on Nemo Road because of all the hills highways it has the most natural untouched beauty and our family has history dating back to when Rapid City was just a Hay Camp. My Great Grandfather was George Henry Lange, a rancher and landowner that owned property in the Black Hawk area that reached up to the Box Elder Canyon paralleling Nemo Road. Our family had many family picnics on this property near Nemo Road as you can see by the attached picture. This beautiful land was bought by the Lien's. They tore down the historical ranch house and have used it as a gravel source. I don't want this to happen to our beautiful historical Nemo Road. It has a lot of history dating back to the Old Time Rodeos that were held at Nemo and at the Madison Ranch located on scenic Nemo Road. Let's keep our history alive and don't ruin the beautiful legacy that Nemo Road has to offer.

We are very very concerned about the means you will use to acquire any and all right-a-ways and would appreciate some information on this process.

Thanks for letting us comment.

Bill & Kathleen Timberman

Bill & Kathleen Timberman

George H. Lange family picnic and George on his horse at the Ranch House near Nemo Road in the 1920's.



Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Chad Timmer

Address: 12728 Kennedyville Loop

City/State/Zip: Hill City SD 57745

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

We value the views from our property very much. Please do not route this line near our property. Thank You

Property Location: 11524 Melchert Place Hill City SD 57745

Legal Description: Section Township Range

(Please see back)

Improving life with energy

BHP-SD-EL14-061-000412

9/22/10

2. Please provide any additional comments you may have on the project.

I did not receive this notice until sept. 17.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

55

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Roger & Donna Urbanec

Address: PO Box 289

City/State/Zip: Black Hawk SD 57718

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☒ Project flyer
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

Our home is on this proposed route (A), we think route B looks like the best route. We feel that our land is impacted enough by other man-made intrusions.

(Please see back)

Improving life with energy

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

102

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Jim + Ann VanDyken

Address: 22575 No Bogus Jim Rd.

City/State/Zip: Rapid City, SD 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☒ Other email

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

Moved into area to avoid high lines poles. The high voltage lines would not be conducive to ranch animals & wildlife. Sound of high voltage lines would destroy the peace that we have moved & built in that area.

Jim + Ann VanDyken

(Please see back)

Improving life with energy

Black Hills Power

BHP-SD-EL14-061-000416

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

59

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Rick + Chris Van Ness

Address: 23180 Hwy 385

City/State/Zip: Rapid City, SD 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☒ Other Letter in Mail

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

* Minimize Impact on the land + views,
* 385 is scenic highway + goal is to minimize sight of power lines
* Use existing poles if possible

(Please see back)

Improving life with energy

BHP-SD-EL14-061-000418

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Al Vogele

Address: 8867 Schroeder Rd.

City/State/Zip: Rapid City, SD 57702

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

1st of All only about 30% of The People get The R.C. Journal and 25% or more do NOT read those NOTices. You need to find a better way of Contacting People.
I do not like AIT B or AIT C. We do NOT want Nemo Rd Cluttered with eye sore electricall poles. We need to Keep The beauty of The Canyon.
Why are you Talking about a 1 mile Corridor. What do you Mean??
Only 1 meeting That The public is Correctly Notified is uncalled For. I will be out of Town on Sept. 16.
(over)

Property Location:

Legal Description: Section 02 Township Range
1N 06E Section 02 Schroeder Ranch Lot 2

(Please see back)

2. Please provide any additional comments you may have on the project.

Your map on the web site is a very poor - Hard to understand the location of the lines even after Enlarging them. We need better Land marks.
I will NOT give any easement on my property For Hi lines. This will devalue my property as well as the health concerns of the electrical power from the lines, No Right of way will be allowed also.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Robert & Jo Anna Warder

Address: Box 10

City/State/Zip: Hill City SD 57745

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

Alternate B – Illegal / desemptuary
Distance from existing Transmission line

Property Location: _____

Legal Description: NW1/4 Section 28 Township 1 N Range 4 E

(Please see back)

Improving life with energy

9/29/10

2. Please provide any additional comments you may have on the project.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

MAP CAN NOT BE OPEN HERE

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name:
FLORENCE WATSON

Address:
27449 444th AVE

City/State/Zip:
MARION, S.D. 57043

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

Looking at proposed routes A, B & C on your web site, I see that A is much more direct than either B & C.

I would much prefer you take A or C routes. My property lies just ½ mile south of Deerfield Lake, it is very scenic, and/or a tall power line would not enhance the scenic of the area. It also might detract in ~~resale~~ property value at some point of resale in the future.

Property Location: 11343 Gillette Prairie Rd.
Hill City, S.D.

Legal Description: Section 32 Township ____ Range ____
IN 03E SEC 32 GOLD RUN PARK LOT 3 (ALSO IN SECS T1S R3E)
Tax legal description

(Please see back)

Improving life with energy

BHP-SD-EL14-001-000424

2. Please provide any additional comments you may have on the project.

I'm not against building the power line but I do not want to see it built in my backyard.

My suggestion is to build either A or C, (not B)

Seems to me a more direct route (A) would be less costly than the other two which are not nearly as direct in the approach to Rapid City.

I received your letter Friday, 10th of Sept. Hope you will get my return in time for Thursday's meeting. As you see, I live across the state & cannot attend the mtg on such short notice.

Thank you for your consideration.

Florence R Watson trustee

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

56

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Robert Watts

Address: 3850 Marvin Rd

City/State/Zip: Rapid City SD 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☒ Project flyer
- ☐ Website
- ☐ Other Letter

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

Live + own lot 7R Marvin Subdivision. Don't want a easement or ROW thru my land or a power line over it. If you need to contact me or update use the phone 605-787-4261 leave message and # to call if no answer.

(Please see back)

Improving life with energy

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: RILEY WHITE

Address: 6680 SUN RIDGE RD

City/State/Zip: RAPID CITY SD 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☒ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☐ Other LETTER & NEWSPAPER

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

The Purple Route C on the NE Diagonal Portion just south my property is west most area. I hope Orange (B) or Blue (A) would rather be chosen

(Please see back)

Improving life with energy

Black Hills Power

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

50

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Mark and Pamela Wiley

Address: 3901 Marvin Rd

City/State/Zip: Rapid City SD 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

☐ Newspaper advertisement
☑ Project flyer by mail
☐ Website
☑ Other (Mark Carda & Ron Dahlinger) ☺

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

Please avoid placing the line along our property - do not want in close proximity of our property, and not within 1 mile of our property. ☹

Thank you for your consideration! ☺

(Please see back)

Improving life with energy

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

201

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Email
Sharwils1@rap.midco.net

Your Name: Norm & Sharon Wilson

Address: 7200 Flicker LN

City/State/Zip: Black Hawk SD 57718

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☐ Other mailing

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

1. What will it do to our property values
2. Our View is outstanding - it leaves our value in addition to our enjoyment. would feel really bad to have power lines & poles down our valley.
3. Wit noise - does it hum

(Please see back)

Sec 2 / Sec 11 T2N R6E

Improving life with energy

Black Hills Power

A

BHP-SD-EL14-061-000432

9/24/10

2. Please provide any additional comments you may have on the project.

4. If the line is on forest service directly south of our property and within our view, the 125 ft rightaway will clear trees and leave a big, treeless, empty area (except for power poles) south of our house.

5. Fire danger - will there be any - especially since its in middle of a lot of trees

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

SHARON K. WILSON
7200 Flicker Ln
Black Hawk, SD 57718

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

RAPID CITY SD 57
PM
22 SEP
2010

Mark Carda
Manager, T & D Engineering
Email: Mark.Carda@blackhillscorp.com

P.O. Box 1400
Rapid City, SD, 57709
P: 605.721.2274
F: 605.721.2323

September 21, 2010

Mr. Tom Wintersteen
25821 469th Avenue
Sioux Falls, SD 57117

RE: BHP Proposed Transmission Line

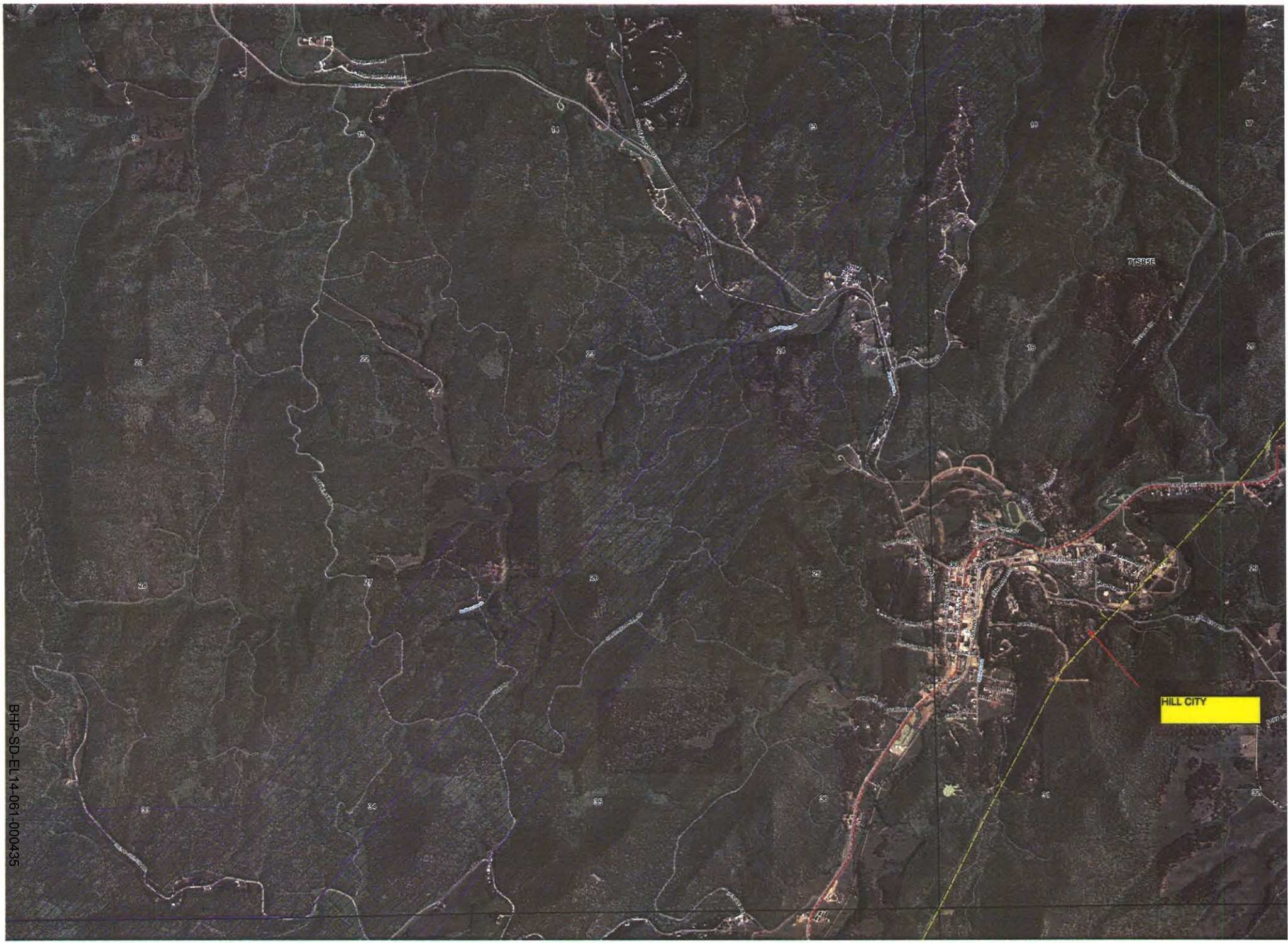
As requested I've included a map showing the area west of Hill City. Still pretty difficult to see but it does show sections and some additional detail. Keep in mind the purple area represents just one of the three mile wide corridors. The final line route could fall into any one of the three and take up 100 feet. I've also included material that was available at our open house on September 16.

Please contact me if you have any additional questions.

Sincerely,

Mark Carda
Manager, T & D Engineering

Enclosures



BHP-SD-EL14-061-000435

CONTACT # _____

RIGHT OF WAY CONTACTS

Owner (s) TOM WINTER or LEE STEEN **Date** _____ **Time** _____

25821 469TH AVE
SIOUX FALLS, ~~SD~~

Telephone # 1-605-929-5041

Type of Contact _____

Witness Present _____ **Parcel #** _____

Legal Description _____ **S** ____ **T** ____ **R** ____

_____ **S** ____ **T** ____ **R** ____

_____ **S** ____ **T** ____ **R** ____

Comments and Remarks:

CALLED TO FIND OUT MORE INFO.
PROP. BY HILL CITY & MEADE COUNTY. 1M WEST OF HILL CITY SOUTH & WEST MEADE CO. (NEMO ROAD)

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

19

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Dale Wormstadt

Address: 12777 Black Forest Road

City/State/Zip: RC, SD 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☒ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

Looks OK to me.

(Please see back)

Improving life with energy

Black Hills Power

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

BHP-SD-EL-14-061-000459

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

180

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: BRENDA & MARSHALL YOUNG

Address: 8325 KINGS ROAD

City/State/Zip: RAPID CITY SD 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☒ Other DIRECT MAIL

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

PREFER CORRIDOR A FIRST, CORRIDOR B SECOND AND DO NOT WANT CORRIDOR C

We have a cabin in Pactola Basin, we do not want a noisy power line near our cabin.

Marshall Young

(Please see back)

Improving life with energy

BHP-SD-EL14-061-000440

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Mary + Mark Zimmerman (F.K.A. Mary Wick)

Address: 22435 Jim Creek Lane

City/State/Zip: Deadwood, SD 57732

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

We are in the shaded zone for Alternative A and are very opposed to having this line in our 'backyard'. This area is relatively pristine and rural in character. We don't want this scar. We don't want the devaluation of our property from Alt. A. We don't want the potential for fire that a dropped line could cause. There are special habitats within the Alt. A zone. We don't want the stress to plant + animal habitat that building this line would cause. We don't want to have to go under this line when we walk to Green Mountain

Property Location: 22435 Jim Creek Lane, Deadwood, SD 57732

Legal Description: ~~Section~~ Section 11 Township T2N Range R5E Lawrence Co.

Please do not choose Alt. A!

(Please see back)

9/27/10

2. Please provide any additional comments you may have on the project.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Dahlinger, Ron

From: Martin, Tracy
Sent: Friday, September 10, 2010 5:52 PM
To: Dahlinger, Ron
Subject: Contact customer about a letter he recieved in mail

Could you please contact Bradley Allen, Phone # 605-415-8401, he lives in Black Hawk, SD and would like more info on a letter he received in the mail he said your name was on the letter, letter is regarding a transmission line being ran from a substation to rapid city, Thank you.

I CALLED HIM & LEFT MESSAGE
BUT HE HAS NOT RETURNED MY CALL

Tracy Martin
Black Hills Energy
Lincoln CSA 1331
Tracy.Martin@blackhillscorp.com

Dahlinger, Ron

From: Dahlinger, Ron
Sent: Thursday, September 23, 2010 2:22 PM
To: pippybvd@blackhills.com
Subject: Line route map
Attachments: Pactola - South Detail 1.pdf

Bruce,

Thanks for your interest in our project. I have attached a map that will show you the two routes (B & C) that come nearest to your property south of Pactola. I understand that your home is on the east side of the existing line on route C and you would prefer that, if route C were chosen, the new line would be on the west side of the existing line. We are just in the preliminary part of the line routing process and it will up to a year or longer before selecting the route we will pursue.

Please fill in the comment form that was mailed to you and either E mail it to me or send it to the address on the form in the mail as all of the input we receive will be considered during the route selection process.

Thanks again and please call me at 721-2220 or E mail me with any questions you may have in the future in this regard.

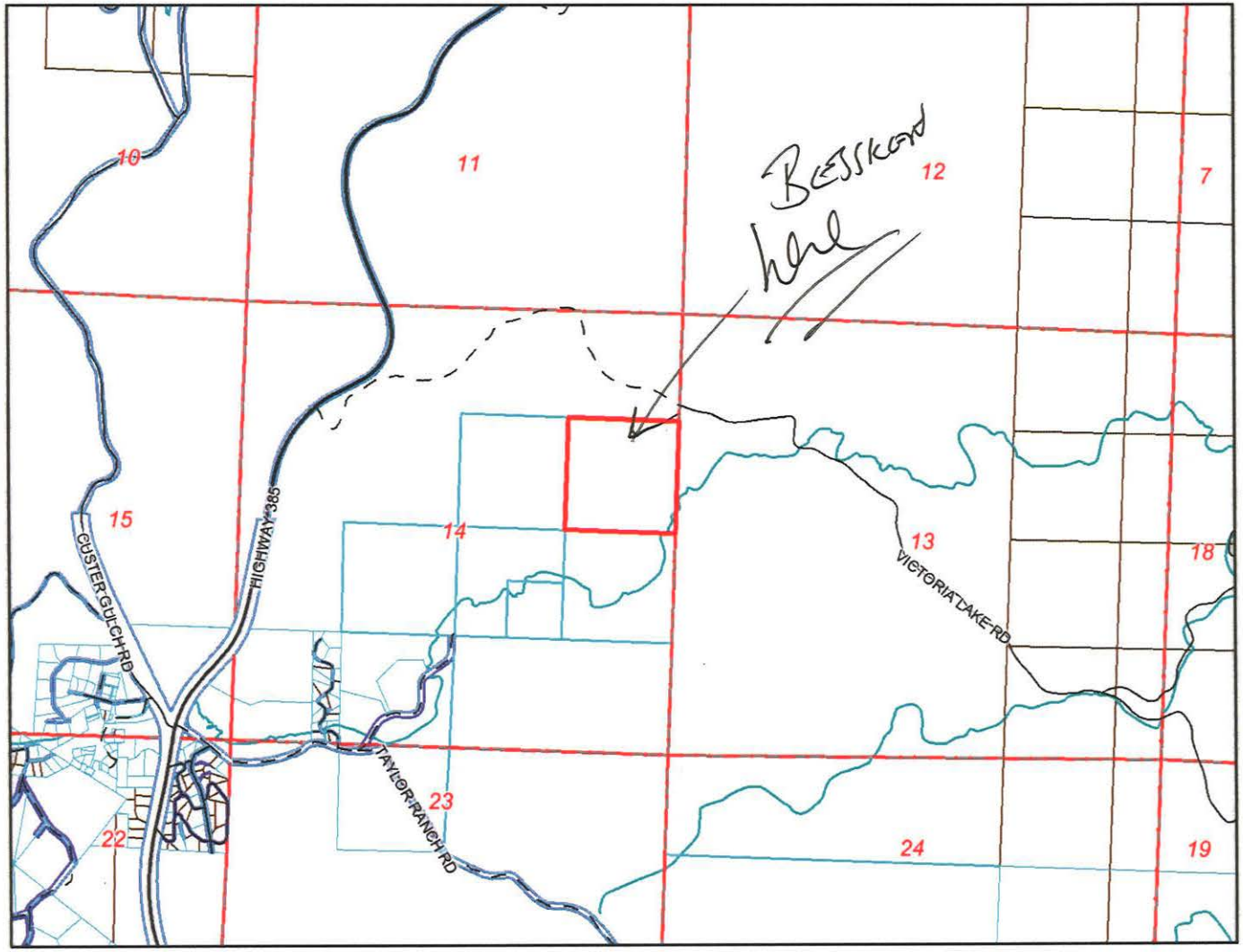
BRUCE BESSKEN
12895 VICTORIA LAKE ROAD
RAPID CITY, SD.
605-574-3964

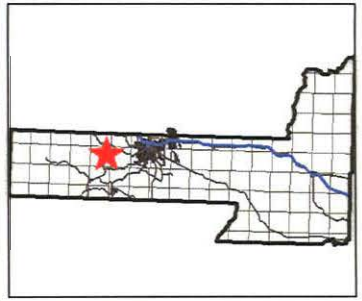
SIDWELL# 3514200005

EXISTING 69KV RUNS N/S THROUGH HIS PROPERTY & DOES NOT WANT NEW LINE ON EAST SIDE OF EXISTING LINE.

RapidMap
Rapid City-Pennington County GIS
www.RapidMap.org

Rapid City-Pennington County GIS





Legend

Roads
- Not classified
- Interstate
- US Highway
- SD Highway
- County Highway
- Main Road
- Minor Arterial
- Collector
- Ramp
- Paved Road
- Unpaved Road
- Unimproved Road
- Trail
- other
- Not yet coded

Township/Section lines
- SECTION
- TOWNSHIP

Parcel Boundary

Lot Lines
- COUNTY
- LOT LINE
- PARCEL LINE
- ROAD ROW
- RR ROW
- SECTION
- TOWNSHIP
- WATER LINE

PLSS Sections

County Line

City Boundaries
- Rapid City
- Box Elder

0 2250 4500 6750 ft.

Map center: 44° 2' 53" N, 103° 28' 38" W

Scale: 1:24,000

DISCLAIMER: This map is provided 'as is' without warranty of any representation of accuracy, timeliness, or completeness. The burden for determining accuracy, completeness, timeliness, merchantability, and fitness for or the appropriateness for use rests solely on the user. Rapid City and Pennington County make no warranties, express or implied, as to the use of the map. There are no implied warranties of merchantability or fitness for a particular purpose. The user acknowledges and accepts the limitations of the map, including the fact that the data used to create the map is dynamic and is in a constant state of maintenance, correction, and update. This documents does not represent a legal survey of the land. There are no restrictions on the distribution of printed Rapid City/Pennington County maps, other than the City of Rapid City copyright/credit notice must be legible on the print. The user agrees to recognize and honor in perpetuity the copyrights and other proprietary claims for the map(s) established or produced by the City of Rapid City or the vendors furnishing said items to the City of Rapid City.

Dahlinger, Ron

From: Dahlinger, Ron
Sent: Thursday, September 23, 2010 9:07 AM
To: pitts@brookings.net
Cc: Carda, Mark
Subject: BHP proposed transmission line
Attachments: Pactola - North Detail 1.pdf; 3685_001.pdf

Carol,

I have attached a map of the Rochford area showing the alternate route that is on the north edge of Rochford. If this map does not cover the area you are interested in, please let me know where your property is from there and I will get it to you. We had a good turnout at our meeting last week and I have also attached a copy of the information packet we handed out at the meeting.

Thanks for your interest and please contact me with any questions or comments you may have in the future. I would encourage you to send the comment form in with your comments once you have had a chance to look at the map and review the information provided.

Dahlinger, Ron

From: Paulus, Sheila
Sent: Tuesday, September 14, 2010 7:49 AM
To: Dahlinger, Ron
Subject: Please call Laurie chamberlin cell 952-237-6543

Regarding property 1080 sunny load # 1 section 24 township 1 s range 4 e Chamberlin, laurie.

Wants to discuss transmission lines that could affect the property – He is living in Minneapolis and will not be able to attend the meeting at Dahl Fine Art.

Thanks
Sheila

WENT TO TECH – PROPERTY NEAR Hill City –
VIEW OF HARNEY PEAK –
IS BUILDING RETIREMENT HOME
WILL STOP IN NEXT COUPLE OF WEEKS

Dahlinger, Ron

From: Dahlinger, Ron
Sent: Thursday, September 23, 2010 9:00 AM
To: bcbbi@gwtc.net
Cc: Carda, Mark
Subject: FW: Rochford area map
Attachments: Pactola - North Detail 1.pdf

Charlotte,

Attached is a map showing the alternate route for our proposed line that goes through north of Rochford. The mile wide area has Rochford on the south edge and, if this route we pursue, we will do all we can to make it compatible with the area and landowners. As stated in our open house, it will be some time before we get to a point where we have our options narrowed down to one or a combination of the alternate routes. If you have any questions or are interested in the status of this project, please contact myself or Mark Carda, our project manager. I believe you have his E mail address as well.

Thanks again for your interest and input to this process.

From: Dahlinger, Ron
Sent: Friday, September 17, 2010 11:12 AM
To: bcbbi@gwtc.net
Subject: Rochford area map

Charlotte,

I will have an expanded Rochford area map showing the power line route alternate that is in that area early next week and will send it to you when I get it. We had a couple of areas where there were quite a few landowners that we are getting expanded maps for.

Thanks for attending our meeting

Dahlinger, Ron

From: Fischer/Sivage [bcbbi@gwtc.net]
Sent: Thursday, September 23, 2010 10:38 AM
To: Dahlinger, Ron
Cc: Carda, Mark
Subject: Re: Rochford area map

Thank you for the expanded view of Rochford, Melchert Place, Black Fox Road, Silver Creek, White Tail Peak, Merry Go Round Loop, Rochford Cemetery, Deerfield Road, etc.. We are very appreciative for your attention to our concerns and interest in BHP's siting of the 230KV line.

Charlotte Fischer
Bonnie Sivage
22634 N. Rochford Rd.
Hill City SD 57745
605-584-3125
Or
21039 US HIGHWAY 14/63
MIDLAND SD 57552
605-567-3661

09/14/10
09:30

BRUCE JORDAN - HILL CITY

BH Co-op - TRIAL PROPERTY ALREADY -

IS 1.2 MI. N/of HILL CITY

HAS 5+ ACRES AND HOME
WILL BE OUT OF TOWN FOR MEETING
WILL SEND IN COMMENT FORM

Dahlinger, Ron

From: Dahlinger, Ron
Sent: Monday, September 27, 2010 11:01 AM
To: jojurgens@aol.com
Subject: RE: Wyoming Transmission Route

The outside lines are the edge of the 1 mile corridor and, if that corridor is chosen for the route to be used, the line would be located somewhere within that corridor that would be the best location taking into consideration existing private property, etc. The center line is not necessarily the actual route the line would take.

Thanks

From: jojurgens@aol.com [mailto:jojurgens@aol.com]
Sent: Monday, September 27, 2010 10:42 AM
To: Dahlinger, Ron
Subject: Re: Wyoming Transmission Route

Yes, thanks Ron. It was difficult to tell what's what in that Route C has 3 purple lines with hash marks between them. Is that the full width, and will the actual transmission line be along the center purple line?
Thanks for your help.
JoAnn

-----Original Message-----
From: Dahlinger, Ron <Ron.Dahlinger@blackhillscorp.com>
To: jojurgens@aol.com <jojurgens@aol.com>
Sent: Mon, Sep 27, 2010 7:28 am
Subject: RE: Wyoming Transmission Route

I sent you another map on Wednesday last week. Did you get that E mail? I will send again this morning.

Thanks

From: jojurgens@aol.com [mailto:jojurgens@aol.com]
Sent: Friday, September 24, 2010 7:21 PM
To: Dahlinger, Ron
Subject: Re: Wyoming Transmission Route

Hi Ron,
We live across the street from the store at Johnson Siding, on Rimrock Highway 44 between 385 and Rapid City./
Thanks,
JoAnn

-----Original Message-----
From: Dahlinger, Ron <Ron.Dahlinger@blackhillscorp.com>
To: jojurgens@aol.com <jojurgens@aol.com>
Sent: Wed, Sep 22, 2010 1:07 pm
Subject: RE: Wyoming Transmission Route

OK

I gave you the wrong map evidently. Could you give me a description of where you live and I will get you the correct map. We have several maps with some good detail if we can narrow down your location.

Thanks

From: jojurgens@aol.com [mailto:jojurgens@aol.com]
Sent: Wednesday, September 22, 2010 12:39 PM
To: Dahlinger, Ron
Subject: Re: Wyoming Transmission Route

Hi Ron,
Thanks for the map, but it does not show any roads (or names of roads), and it cuts off before Rapid City.
Could you send me your phone number so I could find out where it's going?
Could you email me whether one of the routes comes down Hwy 44 from 385 down to Rapid? That's all I really want to know, whether it comes down our road or near us.
Thank you very much,
JoAnn Jurgens

-----Original Message-----
From: Dahlinger, Ron <Ron.Dahlinger@blackhillscorp.com>
To: jojurgens@aol.com <jojurgens@aol.com>
Sent: Wed, Sep 22, 2010 8:05 am
Subject: RE: Wyoming Transmission Route

Gary and JoAnn.

Hope this map makes it there. This is as small as we could make it.

From: jojurgens@aol.com [mailto:jojurgens@aol.com]
Sent: Tuesday, September 21, 2010 11:43 AM
To: Dahlinger, Ron
Subject: Wyoming Transmission Route

Hello Ron,
We received your letter regarding the 3 proposed routes to deliver power to Rapid City. Unfortunately, we didn't receive the notice in time and we missed the meeting.

We have tried to find the info on your website, but it won't download the maps.
Is there a way you could email them to me? When will the route be chosen?

Are any of the routes going to use Hwy 44, where we live? We can't tell from the map on your letter and the written routes do not say.
Thank you for any help.

Gary and JoAnn Jurgens

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Dahlinger, Ron

From: Dahlinger, Ron
Sent: Thursday, September 23, 2010 11:58 AM
To: rldmk@hughes.net
Subject: Line route Map
Attachments: Pactola - North Detail 2.pdf

Roger,

Glad to have met you and thanks for stopping in. If you would when you have time, please send in your comment form that was mailed to you. You can also just scan it and send it via E mail if you would like. Please call me at 605-721-2220 or E mail me if I can be of further help.

Thanks again

ROGER KEHM
2610 SOUTH HAWTHORNE, SIOUX FALLS, SD 57105
SIOUX FALLS PHONE: 605-338-0234
BAR LOCAL PHONE: 605-388-0234

HIS PROPERTY IS ABOUT 3/4 MILE WEST OF HWY 385 & JUST SOUTH OF ROCHFORD ROAD.

Dahlinger, Ron

From: Nichols, Marsha
Sent: Monday, September 13, 2010 8:11 AM
To: Dahlinger, Ron
Subject: Customer Call-back
Importance: High

Please call Mavis Madison at 342-6997 regarding letter they received regarding the line build from Wyoming. Thank you,

09/13/2010 - 08:30

Marsha Nichols
Customer Service
Black Hills Power
605-722-2421

NEMO ROAD ACROSS FROM DORY FIRE DEPT.
CALL HER WEEK OF 09/20 TO SET TIME TO MEET AS SHE IS OUT OF TOWN ON THURSDAY. (TUESDAY, 09/21, SHE IS BUSY)

NOTE: SHE INDICATED THAT HER PROPERTY IS ON THE STATE HISTORIC REGISTER.

MAVIS STOPPED IN ON TUESDAY, SEPT. 21ST @ 09:30
SHE IS OPPOSED TO ANY OF THE NEW LINE GOING ACROSS HER PROPERTY & SAID WOULD FIGHT IN COURT. THE LAND HAS BEEN IN HER FAMILY FOR 6 GENERATIONS. SHE IS IN FAVOR OF ROUTE A (NORTH) AS BOTH OTHER ROUTES AFFECT HER PROPERTY.
SHE WAS GIVEN PACKET OF INFORMATION THAT WAS HANDED OUT AT THE MEETING LAST WEEK AND WAS ASKED TO PLEASE FILL OUT THE COMMENT FORM AND SEND IN.

Dahlinger, Ron

From: Dahlinger, Ron
Sent: Thursday, September 23, 2010 10:49 AM
To: 'booshae@aol.com'
Subject: RE: Power line
Attachments: Hill_City_Detail_1[2].pdf

Virgil,

I attached a pdf showing the south route alternative corridor for our power line project that is to the west of your property. The corridor shown is 1 mile wide. This should give you the information you were looking for.

Thanks for your inquiry and please let me know if there are any more questions in this regard.

From: booshae@aol.com [mailto:booshae@aol.com]
Sent: Thursday, September 23, 2010 10:13 AM
To: Dahlinger, Ron
Subject: Re: Power line

Ron this is a map of our property. Tell us what you can about the route locations relevant to us, please. Thanks Virgil Nice

-----Original Message-----
From: Dahlinger, Ron <Ron.Dahlinger@blackhillscorp.com>
To: booshae@aol.com <booshae@aol.com>
Sent: Thu, Sep 16, 2010 2:54 pm
Subject: RE: Power line

The middle route is about 5 miles north of Hill City and where the southern route is nearest to Hill City is about two miles north of Hill City. We are working with the Forest Service and will need to go through an EIS (environmental Impact Statement) process with them to help determine the final route to be taken. We will also take into consideration developments and private property to attempt to keep the impact to those areas at a minimum.

Thanks for your note and if you get more detail as to where this property is, I would be able to possibly send you a map with detail showing the corridor option nearest that property.

From: booshae@aol.com [mailto:booshae@aol.com]
Sent: Thursday, September 16, 2010 1:46 PM
To: Dahlinger, Ron
Subject: Re: Power line

Thanks for responding so quick, Ron. The only thing I have is (Little Tiger Lode North of Lot A of Little Tiger and Little Tiger No. 1 Lodes M. S. 1251 Pennington Co. Hill City). I wasn't able to download the Larger more detailed map. Its kind of hard to tell. But it looks to me, the northern most route(Alt A)., would be acceptable Thanks, Virgil Nice

-----Original Message-----
From: Dahlinger, Ron <Ron.Dahlinger@blackhillscorp.com>
To: booshae@aol.com <booshae@aol.com>
Sent: Thu, Sep 16, 2010 2:12 pm
Subject: RE: Power line

Virgil,

I do not know where the Little Tiger Development is. Can you give me some more information or a legal description containing the township, range and section?

Thanks

From: booshae@aol.com [mailto:booshae@aol.com]
Sent: Thursday, September 16, 2010 11:32 AM
To: Dahlinger, Ron
Subject: Power line

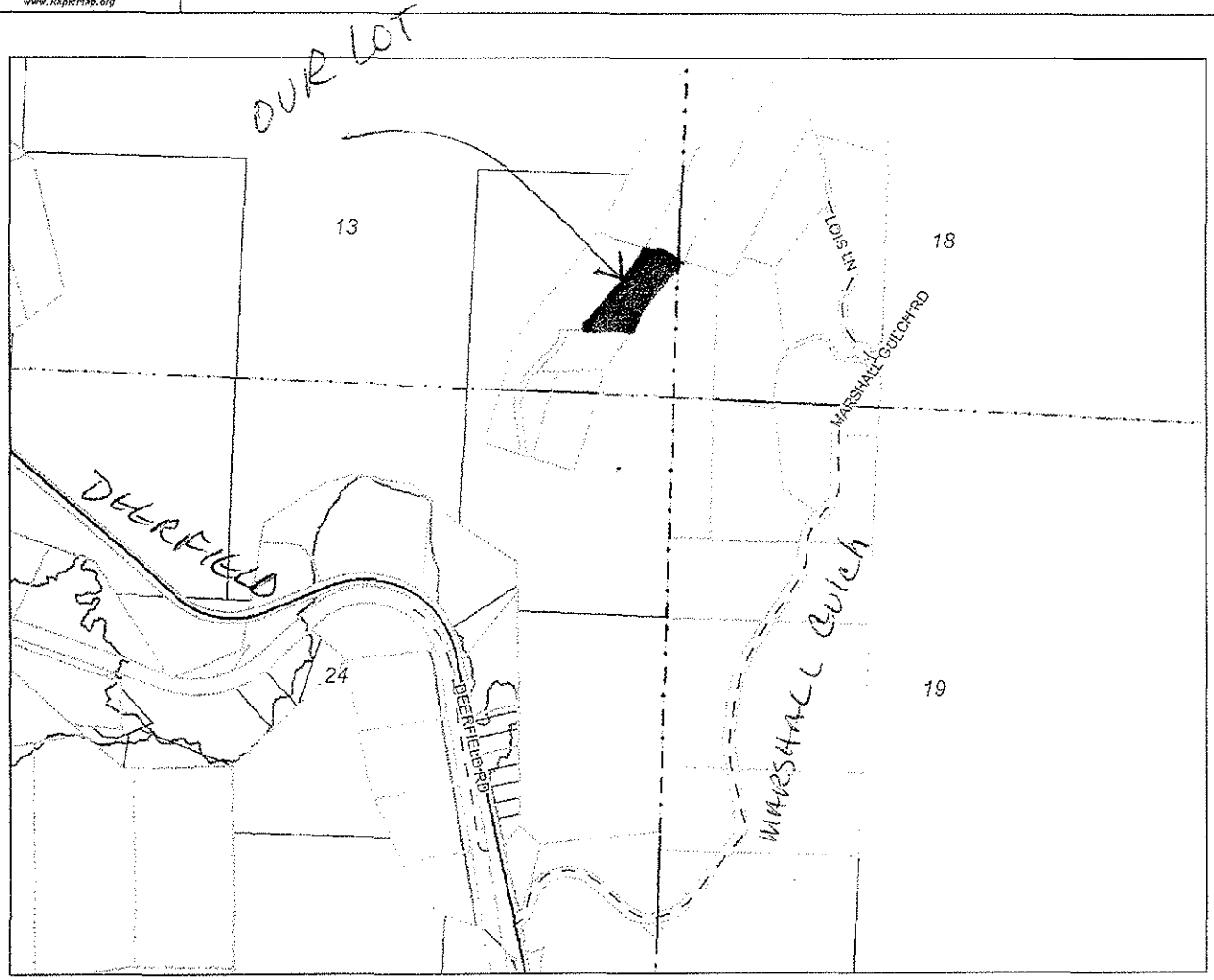
Good afternoon Ron,
I just received an e-mail from my real estate agent, Jim Peterson. It looks like you are proposing a power line within one mile of the property we are in the process of buying. This property is in the Little Tiger development. The reason we are buying this property is because it has an excellent view. I have no maps to look at, so I can't give a good judgement now. Does this line run to the north of us? Thanks, Virgil Nice

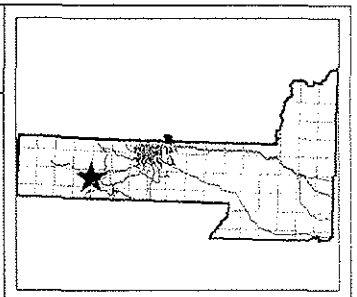
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RapidMap
Rapid City-Pennington County GIS
www.RapidMap.org

Rapid City-Pennington County GIS





Legend

Roads
- Not classified
- Interstate
- US Highway
- SD Highway
- County Highway
- Main Road
- Minor Arterial
- Collector
- Ramp
- Paved Road
- Unpaved Road
- Unimproved Road
- Trail
- other
- Not yet coded

Township/Section lines
- SECTION
- TOWNSHIP

Parcel Boundary

Lot Lines
- COUNTY
- LOT LINE
- PARCEL LINE
- ROAD ROW
- RR ROW
- SECTION
- TOWNSHIP
- WATER LINE

PLSS Sections

County Line

City Boundaries
- Rapid City
- Box Elder

0 1100 2200 3300 ft.

Map center: 43° 57' 13" N, 103° 34' 46" W

Scale: 1:11,668

DISCLAIMER: This map is provided 'as is' without warranty of any representation of accuracy, timeliness, or completeness. The burden for determining accuracy, completeness, timeliness, merchantability, and fitness for or the appropriateness for use rests solely on the user. Rapid City and Pennington County make no warranties, express or implied, as to the use of the map. There are no implied warranties of merchantability or fitness for a particular purpose. The user acknowledges and accepts the limitations of the map, including the fact that the data used to create the map is dynamic and is in a constant state of maintenance, correction, and update. This documents does not represent a legal survey of the land. There are no restrictions on the distribution of printed Rapid City/Pennington County maps, other than the City of Rapid City copyright/credit notice must be legible on the print. The user agrees to recognize and honor in perpetuity the copyrights and other proprietary claims for the map(s) established or produced by the City of Rapid City or the vendors furnishing said items to the City of Rapid City.

CAROL PITTS
PITTS@BROOKINGS.NET
1018 5TH ST, BROOKINGS)-57006 (NOT 725 4TH ST.)
605-695-5770

NEAR ROCKFORD -
SEND HER A JPG W/THE ROCKFORD AREA -

Dahlinger, Ron

From: Dahlinger, Ron
Sent: Monday, September 20, 2010 11:42 AM
To: 'Rickerts, John'
Subject: RE: New Power Line Issue

I will include your E mail with the other comments we received at the meeting. I would encourage the other landowners to submit their comment forms if they would.

Thanks

From: Rickerts, John [mailto:John.Rickerts@harley-davidson.com]
Sent: Monday, September 20, 2010 11:37 AM
To: Dahlinger, Ron
Cc: Carda, Mark
Subject: RE: New Power Line Issue

Mr. Dahlinger, Thank-You for the reply and the related information. Should I and the other land owners still submit the "Comment Form" that came with our letters of Sept. 7th?

John Rickerts – Service Parts

From: Dahlinger, Ron [mailto:Ron.Dahlinger@blackhillscorp.com]
Sent: Friday, September 17, 2010 5:50 PM
To: Rickerts, John
Cc: Carda, Mark
Subject: RE: New Power Line Issue

Thank you, John for your comments. We had a good turnout at our meeting last night and got some good input from landowners regarding our project.

We did not do a presentation at our meeting last night but worked with landowners to show them where their property was relative to the three alternative routes and I have attached the handout information we gave to attendees to this E mail. The project information meetings we have had are just the first step in the line routing process and the Forest Service will also be having meetings in the future as most of these routes are largely on Forest Service Property. The Forest Service EIS (environmental impact statement) process is expected to take about two years and we have just started working with them in this route selection process. At this point, when the decision is made as to which route would be the best route taking into consideration private property owners and the issues in the Forest including sensitive species, cultural sites, etc. could take up to two years or more.

We will document your comments and include them with the comments we have received at our meeting. Please contact me in the future if you have more questions or concerns or want to check on the status of this project. The other contact person in my office is Mark Carda, who is the project manager and his E mail address is mark.carda@blackhillscorp.com .

Thanks again

From: Rickerts, John [mailto:John.Rickerts@harley-davidson.com]
Sent: Thursday, September 16, 2010 4:46 PM
To: Dahlinger, Ron
Cc: 'rec_2@charter.net'

Subject: New Power Line Issue
Importance: High

Ron Dahlinger,

My name is John Rickerts and I am the owner of Lot #4 in the Wheel Inn Acre subdivision along Highway 385. I have also been in contact with Roger Harmon who is the owner of Lot #3 in the same subdivision. We are both absentee owners of these properties as is the owner of Lot #5 a Mr. Tom Gilten whose son Dan has already begun building their retirement home on that lot. Having just received your letter of Sept. 7th this past Monday Sept.13th explaining that there will be a meeting TONIGHT there in Rapid City to show the interested parties what the implications are of this new high power line, none of us are able to attend that meeting tonight. We would all have to travel a long way to get there for this open house and with this short of notice that is not manageable.

What I can tell you on behalf of Mr. Harmon and myself is that we are adamantly AGAINST Alt. B & C and would only find Alt. A acceptable in our circumstance and location. We have bought this property for the pristine environment the Horse Creek area offers to us for our retirement years along with the fact that we all would and are building new homes in this area that would be compromised with this kind of high power running almost directly over our heads. You represent the Power Company and I am sure are aware of the extremely poor health & living conditions this would create for us and any other living animal life that would be directly affected by this kind of line running this close to the existing and future homes. All of us bought this property several years ago without any knowledge of anything of this type being possible since this area sits within the Black Hills National Forest where we assumed that this kind of "commercial" project would not even be possible.

In looking at these 3 routes via a satellite map all 9 of the new property owners including the new owner of the Horse Creek Inn, Mr. Mark Ruddeforth would be adversely affected due to the proposed location of Alt. C and so far Mr. Harmon and I are both AGAINST Alt. B as well as I am sure the other new property owners would be once they realize just where Alt .B or C places this power line in relation to their properties and future homes.

Since I/we will not be able to attend this evenings Open House around this topic I am requesting you send me a copy of any and all presentation materials from this evenings meeting. I am not sure how "Eminent Domain" comes in to play here but once I have retained legal representation I will be pursuing whatever course necessary to officially protest the possibility of Alt. B & C.

Thank you for your time and consideration and I will look forward to your reply and the related materials from this evenings Open House for our further review.

Respectfully,

John & Kathy Rickerts
Property owners of Lot #4 in the Wheel In Acres subdivision
S54W23920 Woodmere Trace
Waukesha, WI. 53189
WK# - 414-343-4546
Home # - 262-650-0263

Roger Harmon
Owner of Lot #3
North Platte NE.
WK# - 308-534-0070
Cell# - 308-530-1189

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Dahlinger, Ron

From: Nichols, Marsha
Sent: Monday, September 13, 2010 9:56 AM
To: Dahlinger, Ron
Subject: Customer Call-Back
Importance: High

Glenda Robertson at 584-1775
Regarding meeting this Thursday for Wyoming line build.
Thank you,

Marsha Nichols
Customer Service
Black Hills Power
605-722-2421

11576 MELCHER
2½ Mi. W/o Rockford

WILL BE AT MEETING - NEIGHBORS DID NOT GET LETTER?

Dahlinger, Ron

From: Dahlinger, Ron
Sent: Monday, September 20, 2010 11:42 AM
To: 'Rickerts, John'
Subject: RE: New Power Line Issue

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Dahlinger, Ron

From: Dahlinger, Ron
Sent: Monday, September 27, 2010 11:01 AM
To: jojurgens@aol.com
Subject: RE: Wyoming Transmission Route

The outside lines are the edge of the 1 mile corridor and, if that corridor is chosen for the route to be used, the line would be located somewhere within that corridor that would be the best location taking into consideration existing private property, etc. The center line is not necessarily the actual route the line would take.

Thanks

From: jojurgens@aol.com [mailto:jojurgens@aol.com]
Sent: Monday, September 27, 2010 10:42 AM
To: Dahlinger, Ron
Subject: Re: Wyoming Transmission Route

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Thanks for your help.
JoAnn

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To: jojurgens@aol.com <jojurgens@aol.com>
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Thanks

From: jojurgens@aol.com [mailto:jojurgens@aol.com]
Sent: Friday, September 24, 2010 7:21 PM
To: Dahlinger, Ron
Subject: Re: Wyoming Transmission Route

Hi Ron,
We live across the street from the store at Johnson Siding, on Rimrock Highway 44 between 385 and Rapid City./
Thanks,
JoAnn

-----Original Message-----
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To: jojurgens@aol.com <jojurgens@aol.com>
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Subject: RE: Wyoming Transmission Route

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Subject: Re: Wyoming Transmission Route

Hi Ron,
Thanks for the map, but it does not show any roads (or names of roads), and it cuts off before Rapid City.
Could you send me your phone number so I could find out where it's going?
Could you email me whether one of the routes comes down Hwy 44 from 385 down to Rapid? That's all I really want to know, whether it comes down our road or near us.
Thank you very much,
JoAnn Jurgens

-----Original Message-----
From: Dahlinger, Ron <Ron.Dahlinger@blackhillscorp.com>
To: jojurgens@aol.com <jojurgens@aol.com>
Sent: Wed, Sep 22, 2010 8:05 am
Subject: RE: Wyoming Transmission Route

Gary and JoAnn.

Hope this map makes it there. This is as small as we could make it.

From: jojurgens@aol.com [mailto:jojurgens@aol.com]
Sent: Tuesday, September 21, 2010 11:43 AM
To: Dahlinger, Ron
Subject: Wyoming Transmission Route

Hello Ron,
We received your letter regarding the 3 proposed routes to deliver power to Rapid City. Unfortunately, we didn't receive the notice in time and we missed the meeting.

We have tried to find the info on your website, but it won't download the maps.
Is there a way you could email them to me? When will the route be chosen?

Are any of the routes going to use Hwy 44, where we live? We can't tell from the map on your letter and the written routes do not say.
Thank you for any help.

Gary and JoAnn Jurgens

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MAP #410 Route A - Black Hills

Dahlinger, Ron

From: Richard Schliesing [patriot66@msn.com]
Sent: Saturday, September 18, 2010 11:11 AM
To: Dahlinger, Ron; hjbranch@q.com
Subject: RE: Map of transmission routes
Attachments: Blackhillspower.doc; BHprop2.doc

Ron,

As you know, we live in Eagan Minnesota and were not able to attend the meeting on the 16th. We have attached a filled out "Comment Form" sent out by Mark Carda. Please consider our reply in lieu of sending this via US mail as our comments and concerns and please consider them when making a final decision relative to this project.

If you need to call me I can be reached at:

Home 651-688-7147
Cell 612-850-4357

Thank you again for your help.

Sincerely,

Rick Schliesing

From: Ron.Dahlinger@blackhillscorp.com
To: Patriot66@msn.com
Date: Wed, 15 Sep 2010 09:45:21 -0600
Subject: Map of transmission routes

Rick,

I have attached a JPEG of the transmission routes proposed for our new line that should cover the area you have property in. Once you have found on the map, give me a call at 605-721-2220 and we can discuss.

Thanks

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COMMENT FORM
Teckla - Osage - Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name:
Richard W. Schliesing
Address:
3872 Denmark Avenue
City/State/Zip: Eagan, Minnesota 55123

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

We purchased this property as a retirement residence because of the clean pristine views and wonderful natural scenery that it offered. There is nothing between it and Harney Peak some 30 miles away and we would not like to see 65'-75' towers destroy that view in addition to the electricity that would be emitted by such high voltage lines. We would be in hopes that a route that was less populated could be found. We are not the only property owners within "Stagebarn Addition" that share this view and it would be our hope that this would be taken into consideration when making the final decision of the final corridor that will be used. In addition, we are aware that there are existing power line corridors in existence and are wondering why these corridors cannot be used for this project.

Legal descript. Section 10 Township 2 Range 6
Canyon Place Sub lot 5 Block 1

(Please see back)

2. Please provide any additional comments you may have on the project.

As we stated earlier, it would be our hope that a route could be found that would not impact our natural views of the Black Hills and also the surrounding wildlife. Should this not be possible we would expect monetary reimbursement for the loss of value that this project would cause. It would only be, in our view, fair that this occur. The problem with this is establishing a value on such beauty and it is our view that this property is priceless. The area that you are looking to build this line is too valuable and pristine for such an project. We have looked at the map and would suggest the line be brought in from south of Custer rather than through the recommended routes presently being considered or at least utilize the existing high power corridors already in existence. It took us years to find and pay for our land and to have this taken away for us over this decision would be devastating.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

C

Mark Carda, Manager of T&D Engineering]
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Dahlinger, Ron

From: Dahlinger, Ron
Sent: Wednesday, September 15, 2010 9:45 AM
To: Patriot66@msn.com
Subject: Map of transmission routes
Attachments: Pactola_to_Lange_Detail_1[1].pdf

Rick, SHLIESING

I have attached a JPEG of the transmission routes proposed for our new line that should cover the area you have property in. Once you have found on the map, give me a call at 605-721-2220 and we can discuss.

Thanks

CANYON PLACE SUBDIVISION, LOT 5, BLOCK 1 OFF END OF PINEWOOD COURT (20 ACRES)

9/15/10 VISITED WITH HIM & HE WILL SEND IN COMMENT FORM. HIS LAND IS ON NORTH EDGE OF NORTH CORRIDOR IN MEADE COUNTY. HE LIVES IN MINNEAPOLIS.

Dahlinger, Ron

From: Martin, Tracy
Sent: Friday, September 10, 2010 5:52 PM
To: Dahlinger, Ron
Subject: Contact customer about a letter he recieved in mail

Could you please contact Bradley Allen, Phone # 605-415-8401, he lives in Black Hawk, SD and would like more info on a letter he received in the mail he said your name was on the letter, letter is regarding a transmission line being ran from a substation to rapid city, Thank you.

I CALLED HIM & LEFT MESSAGE
BUT HE HAS NOT RETURNED MY CALL

Tracy Martin
Black Hills Energy
Lincoln CSA 1331
Tracy.Martin@blackhillscorp.com

Dahlinger, Ron

From: Nichols, Marsha
Sent: Monday, September 13, 2010 8:11 AM
To: Dahlinger, Ron
Subject: Customer Call-back
Importance: High

Please call Mavis Madison at 342-6997 regarding letter they received regarding the line build from Wyoming. Thank you,

09/13/2010 - 08:30

Marsha Nichols
Customer Service
Black Hills Power
605-722-2421

NEMO ROAD ACROSS FROM DORY FIRE DEPT.
CALL HER WEEK OF 09/20 TO SET TIME TO MEET AS SHE IS OUT OF TOWN ON THURSDAY. (TUESDAY, 09/21, SHE IS BUSY)

NOTE: SHE INDICATED THAT HER PROPERTY IS ON THE STATE HISTORIC REGISTER.

MAVIS STOPPED IN ON TUESDAY, SEPT. 21ST @ 09:30
SHE IS OPPOSED TO ANY OF THE NEW LINE GOING ACROSS HER PROPERTY & SAID WOULD FIGHT IN COURT. THE LAND HAS BEEN IN HER FAMILY FOR 6 GENERATIONS. SHE IS IN FAVOR OF ROUTE A (NORTH) AS BOTH OTHER ROUTES AFFECT HER PROPERTY.
SHE WAS GIVEN PACKET OF INFORMATION THAT WAS HANDED OUT AT THE MEETING LAST WEEK AND WAS ASKED TO PLEASE FILL OUT THE COMMENT FORM AND SEND IN.

Dahlinger, Ron

From: Dahlinger, Ron
Sent: Thursday, September 16, 2010 1:55 PM
To: booshae@aol.com
Subject: RE: Power line

The middle route is about 5 miles north of Hill City and where the southern route is nearest to Hill City is about two miles north of Hill City. We are working with the Forest Service and will need to go through an EIS (environmental Impact Statement) process with them to help determine the final route to be taken. We will also take into consideration developments and private property to attempt to keep the impact to those areas at a minimum.

Thanks for your note and if you get more detail as to where this property is, I would be able to possibly send you a map with detail showing the corridor option nearest that property.

From: booshae@aol.com [mailto:booshae@aol.com]
Sent: Thursday, September 16, 2010 1:46 PM
To: Dahlinger, Ron
Subject: Re: Power line

Thanks for responding so quick, Ron. The only thing I have is (Little Tiger Lode North of Lot A of Little Tiger and Little Tiger No. 1 Lodes M. S. 1251 Pennington Co. Hill City). I wasn't able to download the Larger more detailed map. Its kind of hard to tell. But it looks to me, the northern most route(Alt A)., would be acceptable Thanks, Virgil Nice

-----Original Message-----
From: Dahlinger, Ron <Ron.Dahlinger@blackhillscorp.com>
To: booshae@aol.com <booshae@aol.com>
Sent: Thu, Sep 16, 2010 2:12 pm
Subject: RE: Power line

Virgil,

I do not know where the Little Tiger Development is. Can you give me some more information or a legal description containing the township, range and section?

Thanks

From: booshae@aol.com [mailto:booshae@aol.com]
Sent: Thursday, September 16, 2010 11:32 AM
To: Dahlinger, Ron
Subject: Power line

Good afternoon Ron,
I just received an e-mail from my real estate agent, Jim Peterson. It looks like you are proposing a power line within one mile of the property we are in the process of buying. This property is in the Little Tiger development. The reason we are buying this property is because it has an excellent view. I have no maps to look at, so I can't give a good judgement now. Does this line run to the north of us? Thanks, Virgil Nice

---

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Dahlinger, Ron

From: Paulus, Sheila
Sent: Tuesday, September 14, 2010 7:49 AM
To: Dahlinger, Ron
Subject: Please call Laurie chamberlin cell 952-237-6543

Regarding property 1080 sunny load # 1 section 24 township 1 s range 4 e Chamberlin, laurie.

Wants to discuss transmission lines that could affect the property – He is living in Minneapolis and will not be able to attend the meeting at Dahl Fine Art.

Thanks Sheila

WENT TO TECH – PROPERTY NEAR Hill City –
VIEW OF HARNEY PEAK –
IS BUILDING RETIREMENT HOME
WILL STOP IN NEXT COUPLE OF WEEKS

Dahlinger, Ron

From: Nichols, Marsha
Sent: Monday, September 13, 2010 9:56 AM
To: Dahlinger, Ron
Subject: Customer Call-Back
Importance: High

Glenda Robertson at 584-1775
Regarding meeting this Thursday for Wyoming line build.
Thank you,

Marsha Nichols
Customer Service
Black Hills Power
605-722-2421

11576 MELCHER
2½ Mi. W/O ROCKFORD

WILL BE AT MEETING - NEIGHBORS DID NOT GET LETTER?

09/14/10
09:30

BRUCE JORDAN - HILL CITY

BH Co-op - TRIAL PROPERTY ALREADY -

IS 1.2 MI. N/of HILL CITY

HAS 5+ ACRES AND HOME
WILL BE OUT OF TOWN FOR MEETING
WILL SEND IN COMMENT FORM

CAROL PITTS
PITTS@BROOKINGS.NET
1018 5TH ST, BROOKINGS)-57006 (NOT 725 4TH ST.)
605-695-5770

NEAR ROCKFORD -
SEND HER A JPG W/THE ROCKFORD AREA -

Dahlinger, Ron

From: Dahlinger, Ron
Sent: Thursday, September 23, 2010 2:22 PM
To: pippybvd@blackhills.com
Subject: Line route map
Attachments: Pactola - South Detail 1.pdf

Bruce,

Thanks for your interest in our project. I have attached a map that will show you the two routes (B & C) that come nearest to your property south of Pactola. I understand that your home is on the east side of the existing line on route C and you would prefer that, if route C were chosen, the new line would be on the west side of the existing line. We are just in the preliminary part of the line routing process and it will up to a year or longer before selecting the route we will pursue.

Please fill in the comment form that was mailed to you and either E mail it to me or send it to the address on the form in the mail as all of the input we receive will be considered during the route selection process.

Thanks again and please call me at 721-2220 or E mail me with any questions you may have in the future in this regard.

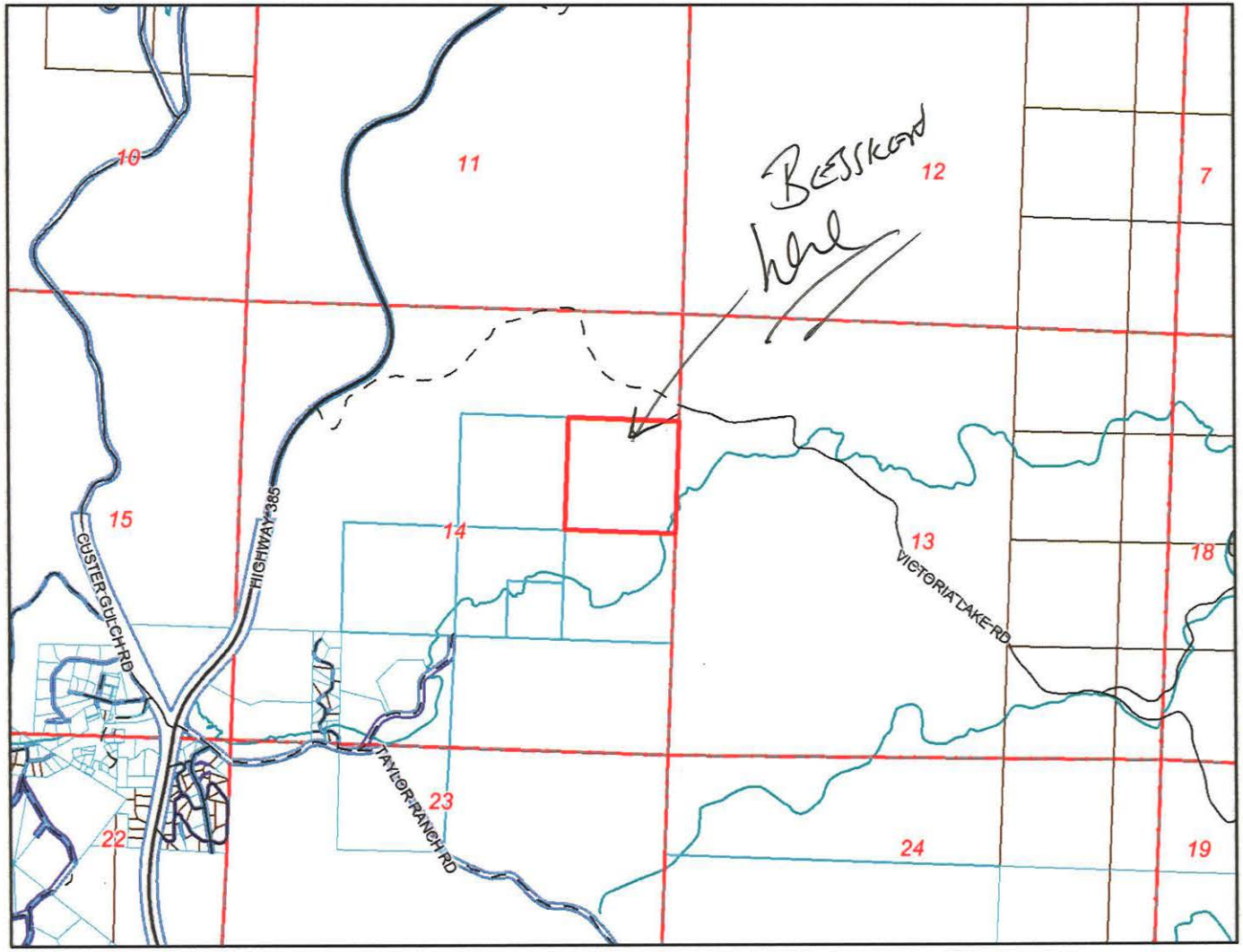
BRUCE BESSKEN
12895 VICTORIA LAKE ROAD
RAPID CITY, SD.
605-574-3964

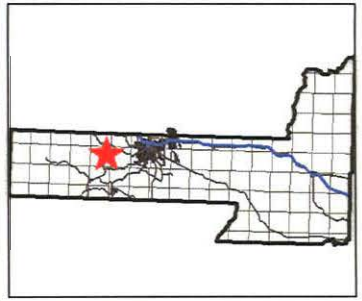
SIDWELL# 3514200005

EXISTING 69KV RUNS N/S THROUGH HIS PROPERTY & DOES NOT WANT NEW LINE ON EAST SIDE OF EXISTING LINE.

RapidMap
Rapid City-Pennington County GIS
www.RapidMap.org

Rapid City-Pennington County GIS





Legend

Roads
- Not classified
- Interstate
- US Highway
- SD Highway
- County Highway
- Main Road
- Minor Arterial
- Collector
- Ramp
- Paved Road
- Unpaved Road
- Unimproved Road
- Trail
- other
- Not yet coded

Township/Section lines
- SECTION
- TOWNSHIP

Parcel Boundary

Lot Lines
- COUNTY
- LOT LINE
- PARCEL LINE
- ROAD ROW
- RR ROW
- SECTION
- TOWNSHIP
- WATER LINE

PLSS Sections

County Line

City Boundaries
- Rapid City
- Box Elder

0 2250 4500 6750 ft.

Map center: 44° 2' 53" N, 103° 28' 38" W

Scale: 1:24,000

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Dahlinger, Ron

From: Dahlinger, Ron
Sent: Thursday, September 23, 2010 10:49 AM
To: 'booshae@aol.com'
Subject: RE: Power line
Attachments: Hill_City_Detail_1[2].pdf

Virgil,

I attached a pdf showing the south route alternative corridor for our power line project that is to the west of your property. The corridor shown is 1 mile wide. This should give you the information you were looking for.

Thanks for your inquiry and please let me know if there are any more questions in this regard.

From: booshae@aol.com [mailto:booshae@aol.com]
Sent: Thursday, September 23, 2010 10:13 AM
To: Dahlinger, Ron
Subject: Re: Power line

Ron this is a map of our property. Tell us what you can about the route locations relevant to us, please. Thanks Virgil Nice

-----Original Message-----
From: Dahlinger, Ron <Ron.Dahlinger@blackhillscorp.com>
To: booshae@aol.com <booshae@aol.com>
Sent: Thu, Sep 16, 2010 2:54 pm
Subject: RE: Power line

The middle route is about 5 miles north of Hill City and where the southern route is nearest to Hill City is about two miles north of Hill City. We are working with the Forest Service and will need to go through an EIS (environmental Impact Statement) process with them to help determine the final route to be taken. We will also take into consideration developments and private property to attempt to keep the impact to those areas at a minimum.

Thanks for your note and if you get more detail as to where this property is, I would be able to possibly send you a map with detail showing the corridor option nearest that property.

From: booshae@aol.com [mailto:booshae@aol.com]
Sent: Thursday, September 16, 2010 1:46 PM
To: Dahlinger, Ron
Subject: Re: Power line

Thanks for responding so quick, Ron. The only thing I have is (Little Tiger Lode North of Lot A of Little Tiger and Little Tiger No. 1 Lodes M. S. 1251 Pennington Co. Hill City). I wasn't able to download the Larger more detailed map. Its kind of hard to tell. But it looks to me, the northern most route(Alt A)., would be acceptable Thanks, Virgil Nice

-----Original Message-----
From: Dahlinger, Ron <Ron.Dahlinger@blackhillscorp.com>
To: booshae@aol.com <booshae@aol.com>
Sent: Thu, Sep 16, 2010 2:12 pm
Subject: RE: Power line

Virgil,

I do not know where the Little Tiger Development is. Can you give me some more information or a legal description containing the township, range and section?

Thanks

From: booshae@aol.com [mailto:booshae@aol.com]
Sent: Thursday, September 16, 2010 11:32 AM
To: Dahlinger, Ron
Subject: Power line

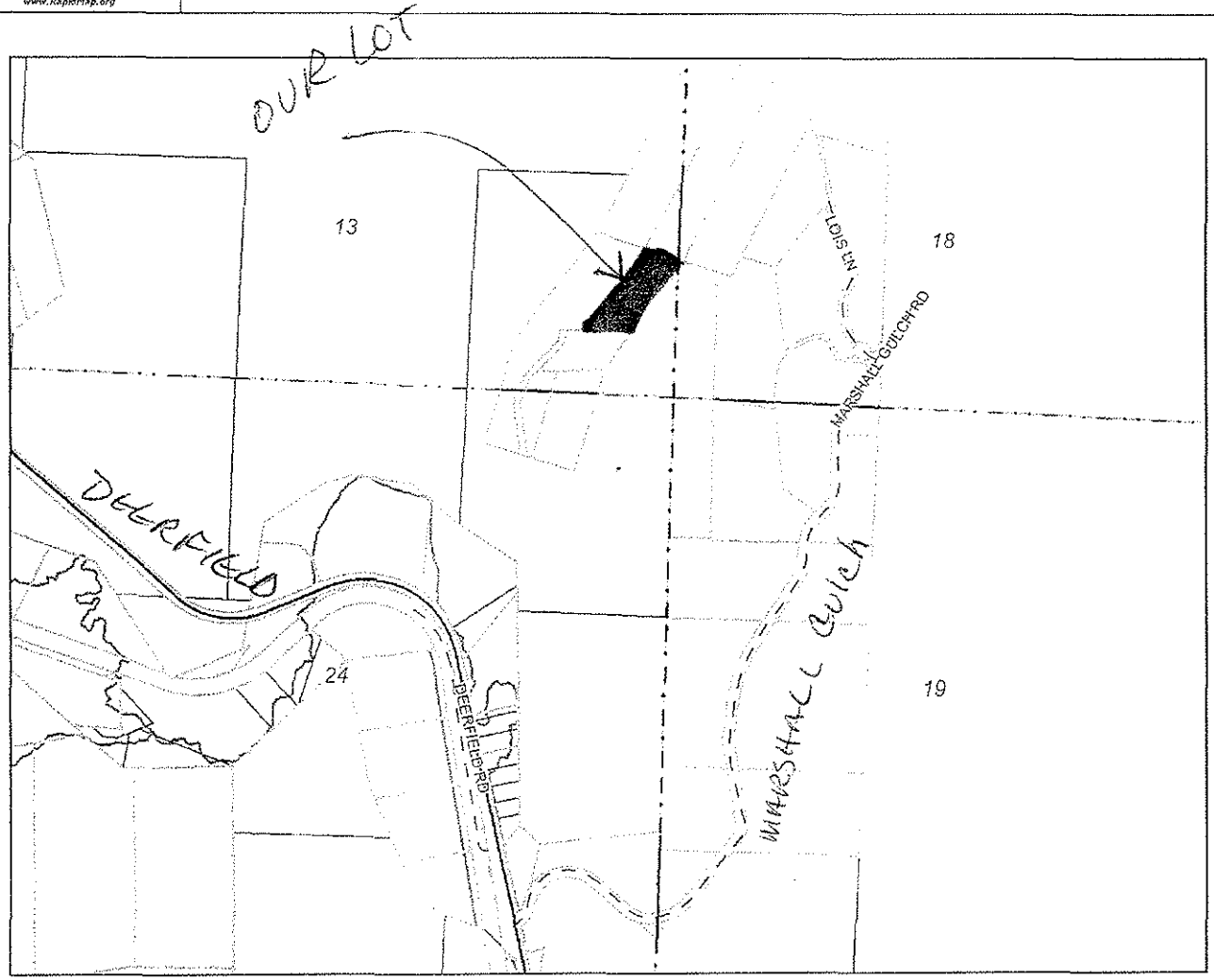
Good afternoon Ron,
I just received an e-mail from my real estate agent, Jim Peterson. It looks like you are proposing a power line within one mile of the property we are in the process of buying. This property is in the Little Tiger development. The reason we are buying this property is because it has an excellent view. I have no maps to look at, so I can't give a good judgement now. Does this line run to the north of us? Thanks, Virgil Nice

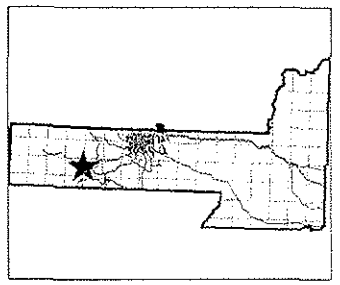
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www.RapidMap.org

Rapid City-Pennington County GIS





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- SD Highway
- County Highway
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- Collector
- Ramp
- Paved Road
- Unpaved Road
- Unimproved Road
- Trail
- other
- Not yet coded

Township/Section lines
- SECTION
- TOWNSHIP

Parcel Boundary

Lot Lines
- COUNTY
- LOT LINE
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- ROAD ROW
- RR ROW
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- WATER LINE

PLSS Sections

County Line

City Boundaries

Rapid City

Box Elder

0 1100 2200 3300 ft.

Map center: 43° 57' 13" N, 103° 34' 46" W

Scale: 1:11,668

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Dahlinger, Ron

From: Dahlinger, Ron
Sent: Thursday, September 23, 2010 9:00 AM
To: bcbbi@gwtc.net
Cc: Carda, Mark
Subject: FW: Rochford area map
Attachments: Pactola - North Detail 1.pdf

Charlotte,

Attached is a map showing the alternate route for our proposed line that goes through north of Rochford. The mile wide area has Rochford on the south edge and, if this route we pursue, we will do all we can to make it compatible with the area and landowners. As stated in our open house, it will be some time before we get to a point where we have our options narrowed down to one or a combination of the alternate routes. If you have any questions or are interested in the status of this project, please contact myself or Mark Carda, our project manager. I believe you have his E mail address as well.

Thanks again for your interest and input to this process.

From: Dahlinger, Ron
Sent: Friday, September 17, 2010 11:12 AM
To: bcbbi@gwtc.net
Subject: Rochford area map

Charlotte,

I will have an expanded Rochford area map showing the power line route alternate that is in that area early next week and will send it to you when I get it. We had a couple of areas where there were quite a few landowners that we are getting expanded maps for.

Thanks for attending our meeting

Dahlinger, Ron

From: Fischer/Sivage [bcbbi@gwtc.net]
Sent: Thursday, September 23, 2010 10:38 AM
To: Dahlinger, Ron
Cc: Carda, Mark
Subject: Re: Rochford area map

Thank you for the expanded view of Rochford, Melchert Place, Black Fox Road, Silver Creek, White Tail Peak, Merry Go Round Loop, Rochford Cemetery, Deerfield Road, etc.. We are very appreciative for your attention to our concerns and interest in BHP's siting of the 230KV line.

Charlotte Fischer
Bonnie Sivage
22634 N. Rochford Rd.
Hill City SD 57745
605-584-3125
Or
21039 US HIGHWAY 14/63
MIDLAND SD 57552
605-567-3661

Dahlinger, Ron

From: Dahlinger, Ron
Sent: Thursday, September 23, 2010 11:58 AM
To: rldmk@hughes.net
Subject: Line route Map
Attachments: Pactola - North Detail 2.pdf

Roger,

Glad to have met you and thanks for stopping in. If you would when you have time, please send in your comment form that was mailed to you. You can also just scan it and send it via E mail if you would like. Please call me at 605-721-2220 or E mail me if I can be of further help.

Thanks again

ROGER KEHM
2610 SOUTH HAWTHORNE, SIOUX FALLS, SD 57105
SIOUX FALLS PHONE: 605-338-0234
BAR LOCAL PHONE: 605-388-0234

HIS PROPERTY IS ABOUT 3/4 MILE WEST OF HWY 385 & JUST SOUTH OF ROCHFORD ROAD.

Dahlinger, Ron

From: Dahlinger, Ron
Sent: Thursday, September 23, 2010 9:07 AM
To: pitts@brookings.net
Cc: Carda, Mark
Subject: BHP proposed transmission line
Attachments: Pactola - North Detail 1.pdf; 3685_001.pdf

Carol,

I have attached a map of the Rochford area showing the alternate route that is on the north edge of Rochford. If this map does not cover the area you are interested in, please let me know where your property is from there and I will get it to you. We had a good turnout at our meeting last week and I have also attached a copy of the information packet we handed out at the meeting.

Thanks for your interest and please contact me with any questions or comments you may have in the future. I would encourage you to send the comment form in with your comments once you have had a chance to look at the map and review the information provided.

MAP #410 Route A - Black Hills

Dahlinger, Ron

From: Richard Schliesing [patriot66@msn.com]
Sent: Saturday, September 18, 2010 11:11 AM
To: Dahlinger, Ron; hjbranch@q.com
Subject: RE: Map of transmission routes
Attachments: Blackhillspower.doc; BHprop2.doc

Ron,

As you know, we live in Eagan Minnesota and were not able to attend the meeting on the 16th. We have attached a filled out "Comment Form" sent out by Mark Carda. Please consider our reply in lieu of sending this via US mail as our comments and concerns and please consider them when making a final decision relative to this project.

If you need to call me I can be reached at:

Home 651-688-7147
Cell 612-850-4357

Thank you again for your help.

Sincerely,

Rick Schliesing

From: Ron.Dahlinger@blackhillscorp.com
To: Patriot66@msn.com
Date: Wed, 15 Sep 2010 09:45:21 -0600
Subject: Map of transmission routes

Rick,

I have attached a JPEG of the transmission routes proposed for our new line that should cover the area you have property in. Once you have found on the map, give me a call at 605-721-2220 and we can discuss.

Thanks

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COMMENT FORM
Teckla - Osage - Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name:
Richard W. Schliesing
Address:
3872 Denmark Avenue
City/State/Zip: Eagan, Minnesota 55123

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

We purchased this property as a retirement residence because of the clean pristine views and wonderful natural scenery that it offered. There is nothing between it and Harney Peak some 30 miles away and we would not like to see 65'-75' towers destroy that view in addition to the electricity that would be emitted by such high voltage lines. We would be in hopes that a route that was less populated could be found. We are not the only property owners within "Stagebarn Addition" that share this view and it would be our hope that this would be taken into consideration when making the final decision of the final corridor that will be used. In addition, we are aware that there are existing power line corridors in existence and are wondering why these corridors cannot be used for this project.

Legal descript. Section 10 Township 2 Range 6
Canyon Place Sub lot 5 Block 1

(Please see back)

2. Please provide any additional comments you may have on the project.

As we stated earlier, it would be our hope that a route could be found that would not impact our natural views of the Black Hills and also the surrounding wildlife. Should this not be possible we would expect monetary reimbursement for the loss of value that this project would cause. It would only be, in our view, fair that this occur. The problem with this is establishing a value on such beauty and it is our view that this property is priceless. The area that you are looking to build this line is too valuable and pristine for such an project. We have looked at the map and would suggest the line be brought in from south of Custer rather than through the recommended routes presently being considered or at least utilize the existing high power corridors already in existence. It took us years to find and pay for our land and to have this taken away for us over this decision would be devastating.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

C

Mark Carda, Manager of T&D Engineering]
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Dahlinger, Ron

From: Dahlinger, Ron
Sent: Wednesday, September 15, 2010 9:45 AM
To: Patriot66@msn.com
Subject: Map of transmission routes
Attachments: Pactola_to_Lange_Detail_1[1].pdf

Rick, SHLIESING

I have attached a JPEG of the transmission routes proposed for our new line that should cover the area you have property in. Once you have found on the map, give me a call at 605-721-2220 and we can discuss.

Thanks

CANYON PLACE SUBDIVISION, LOT 5, BLOCK 1 OFF END OF PINEWOOD COURT (20 ACRES)

9/15/10 VISITED WITH HIM & HE WILL SEND IN COMMENT FORM. HIS LAND IS ON NORTH EDGE OF NORTH CORRIDOR IN MEADE COUNTY. HE LIVES IN MINNEAPOLIS.

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Janna Emmel & Randy Berger

Address: 23210 W. Clear Creek Rd.

City/State/Zip: RCSD 57702

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

Please consider aesthetics & view of the transmissim lines.

We live in a small valley behind Black Forest Inn (near Pactola) & any kind of large structures going through this well-populated area ~~(or small lots)~~ would have a devastating consequence to the views of many homes - Most of us in this area have small lots, concentrated housing (2 acres or less) so the impact of the lines would be disproportionate to other possible locales -

Property Location: Clear Creek Placer MS 1184 Lot 3-5 of Lot 7-8

Legal Description: _____ Section _____ Township _____ Range _____

(Please see back)

BHP-SD-EL14-061-000514

10/25/10

2. Please provide any additional comments you may have on the project.

We have been remodeling our modest home for 16 years & would be heartbroken (and angry!) if your transmission lines compromised all that we have worked so hard to create -- a lovely, peaceful, simple home in the Black Hills –

Rather -- Are there transmission lines in the Edelweiss area you have used before? Seems like we saw some that were torn out. Can you reuse that area?

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name:
MARVIN BOUSKA

Address:
1749 MOUNTAIN VIEW RD

City/State/Zip:
RAPID CITY, SD 57702

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I AM OPPOSED TO ALTERNATIVE A. THIS RUNS THROUGH A minimally populated area – FURTHER development & DESTRUCTION of these (more) natural areas is something I oppose. When FOREST SERVICE LAND adjoins PRIVATE LAND, I support placing LINES AS far as possible from PRIVATE land boundaries And people THAT may reside on THAT LAND.

Property Location: N. BOGUS JIM & DURREN RD JUNCTION

Legal Description: 2NOSE Section 15 Township 2N Range 5E BHM

(Please see back)

2. Please provide any additional comments you may have on the project.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: LORIE KLEIN + MIKE DOLLISON

Address: 39 PINE TOP DRIVE

City/State/Zip: NEWCASTLE, WY 82701

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

We do not have a problem with this proposal nor will we in the future, unless the transmission line were to cross our property. If that were to happen we would have a strong objection.

Thank you.

Lorie Klein
307-660-9977

(Please see back)

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Black Hills Power

10/14/10

2. Please provide any additional comments you may have on the project.

Please mail this comment form to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

24

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Richard & Donna Fisher

Address: 12311 Whitetail Road (off of Rockford Road)

City/State/Zip: Deadwood SD 57732

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☒ Other mailing

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

1. When there are alternatives through National Forest land, please do not consider going through privately owned land.

2. Our primary concern: the aesthetics and land values of our neighbors and us. My concern is safety for people under & near the lines, esp. young ones.

3. Please discard alternative A.

4. Follow current lines into Rapid City.

(Please see back)

Improving life with energy

Black Hills Power

BHP-SD-EL14-061 00852

2. Please provide any additional comments you may have on the project.

1) We were out of town extensively this summer and missed any announcements about this until our return – after the meeting was held.

2) We subscribe to the R.C. Journal by electronic delivery and did not see any announcement while we were gone. Only 30,000 subscribers to RCJ means many rural folks affected by the powerline did not know about the meeting & letter to all affected parties (with extensive information) would have been democratic and courteous. dmf

Have meetings, bring detailed maps and listen in community locations. Come to us rather than asking us to come to you. Our land and property equity is affected by a power company that doesn't provide our power. dmf

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

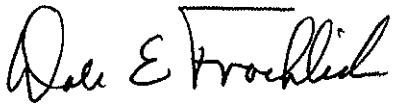
BHP-SD-EL-14-061-000823

Tuesday, September 21, 2010

MEMO:

TO: Mark Carda, Project Manager
Transmission Services
Black Hills Power & Light
409 Deadwood Avenue
Rapid City, South Dakota 57701
Phone: 605-721-2274
Email: Mark.Carda@blackhillscorp.com

FROM: Dale E. Froehlich
COPPER MOUNTAIN RANCH- CMR, LLC
LLC Secretary & Attorney
6 South Le Chateau Place
Sioux Falls, South Dakota 57105-0163
Phone: 605-201-9810
Email: dalefroehlich@gmail.com



RE: Proposed Transmission Line (WY-SD)

Just following up on our phone call of last week, I am writing to formally request that you keep both myself (on behalf of CMR, LLC; Copper Mountain Ranch) and Dan MacRandall (on behalf of Old Dakotah Ranch) advised of any and all potential hearings and briefings regarding the establishment of a power transmission land across the southern and southeastern areas of T1SR3E (just west of Hill City)...

We understand that this is being suggested as Alternative "C" and that your decision of "preferred route" will be entertained and confirmed sometime within the next year or so. We want to be involved; as we have definite opinions and wish to express them at the appropriate time and stage of your project/work.

Please advise of any action pending or taken in this matter.

Cc: Dr. Dan MacRandall
Heartland Professional
2105 Slaten Court
Sioux Falls, SD 57103
Phone: 605-351-5640

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: DARRELL HOHN

Address: 12473 MERRITT ESTATES RD

City/State/Zip: DEADWOOD, SD. 57732

PH - 348-0481

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes: ALT A - ROUTE

No more poles or lines allowed on my ranch. I let you put new lines and the old poles + lines are still in my meadow - I am mad as hell - I cut hay around 2 sets of poles - no one returns my call - Old poles are still there -

Property Location: highway - 385 - N Merritt Estates RD.

Legal Description: Section 7 Township 2N Range 5E

(Please see back)

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BHP-SD-EL14-001-000524

9/29/10

2. Please provide any additional comments you may have on the project.

I DON'T WANT THE PROJECT--

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Robert & Karen Hovey

Address: 3319 White Eagle Drive

City/State/Zip: Naperville, IL 60564

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

I do not want the proposed power lines routed on or near my property. My wife and I have recently purchased this property and have built a $1.5+ Million dollar ~~property~~ log home on the property. We passed up many properties that had power lines so that we could enjoy a stunning view in a quiet environment. Power lines would destroy our view, create an unacceptable noise level - destroying the quiet and would gut the value of our recent investment. You should consider alternatives

Property Location: 9951 Echo Valey CT, Rapid City, SD

Legal Description: Section 3, 4, 9 Township Two (2) Range North of Range 6 East BHM ~~Lot 8 of 7~~ Lot 2 of Lot 7 Block 1 Canyon Place Subdivision in Rolling Hills - Mead County

(Please see back)

Route A

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10/11/10

2. Please provide any additional comments you may have on the project.

Such as building a power plant in Rapid City, looking for additional alternatives through other areas, or building a new nuclear power plant. Other Companies have found that these can increase transmission by increasing voltage on existing or modified towers or by adding additional Conductors to existing lines.

Please dont ruin my life.

Please return any comments you may have on this form to the address below if you are unable to attend the meeting on September 16th.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

38

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Robert and Karen Hovey

Address: P.O. Box 487 Rapid City, S.D. 57709
3319 White Eagle Dr. Naperville, IL 60564

City/State/Zip:

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Website
- ☐ Project flyer
- ☑ Other letter

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

As you can see by the number above, our home is within the proposed corridor for Alternative Rte #1 or A. Our home is on a totally wooded property adjacent to Black Hills National Forest. In addition to being an eyesore, as my husband, Bob, has written in his letter the power lines will pose a significant fire hazard to our home as we are surrounded by trees. This will impact us in many ways →

(Please see back)

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BHP-SD-EL14-061-000528

10/11/10

2. Please provide any additional comments you may have on the project.

not the least would be our homeowners insurance rates or even ~~exact~~ eligibility of coverage. What would be our recourse if we lost coverage or could no longer afford it? We chose this property in part to avoid the issue of power lines. We definitely do not want this alternative.

Thank you for your asking for input.

Karen M. Hovey

prettykaren28200l@yahoo.com

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

BHP-SD-EL-14-061-000529

Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

This comment form will be used to document your comments relative to this proposed project. Please take a few moments to provide comments as shown below.

Please provide your current mailing address:

Your Name: Bruce & Sandy Jordan

Address: 23833 Songbird Rd Box 849

City/State/Zip: Hill City, SD 57745

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

✓ Environmental Impact!

✓ We currently have Black Hills Cooperativ dissecting our property in half!

✓ I'm aware of FAA rules & Considerations for open areas over mountainous terrain as I am a pilot. (Emergency / Forced landings)

✓ With an additional power line through our property, it would devalue our property.

✓ Aesthetically it would make an unsightly property for future dwelling and Aesthetics

✓ Health Concerns with overhead lines!

Property Location: 1.5 miles Northwest of Hill City, SD on Deerfield Rd

Legal Description: 1S Section 24 Township 1S Range 04E

Burns Placer #697 Lot 74 Wlane.

(Please see back)

* NOTE: Please notify us via mail of future public meetings

Thank You, Bruce & Sandy

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394-2186

10/18/10

Carda, Mark

From: Bunch, James
Sent: Wednesday, October 06, 2010 5:20 PM
To: Carda, Mark
Cc: Karim, Monni
Subject: FW: Ref:Complaint 3621 - Ed Wagoner Concern at Lot 29 G Big Plumb Rd. - Follow- Up

Mark:

You might want to put this in your file for future reference. It looks as if the Wagoners did go ahead and buy the Lot! OK! Thanks, Jim B.

J.W. Bunch
Black Hills Power
1-307-746-2727-Phone
1-307-746-2737 Fax
1-307-746-6320-Cell

New Email Address: James.Bunch@blackhillscorp.com

-----Original Message-----
From: Shirley McCown [mailto:smccow@state.wy.us]
Sent: Wednesday, October 06, 2010 3:22 PM
To: Bunch, James
Subject: Re: Ref:Complaint 3621 - Ed Wagoner Concern at Lot 29 G Big Plumb Rd.

Thanks Jim.

I did check with Mr. Wagoner, he said he met with you in the office and you showed him a map. However, the engineer had not called him with anymore info, and he said no one had offered to meet with him at the property to see where the old line was. He was able to locate it by finding sawed off poles. (He hadn't mentioned that Mark Carda had met with him in June.) I asked him if he would like me to get with you for any further info, he said no since they had closed on the property, but when the time comes for the line he may fight the battle then. I have closed the complaint. Thanks for your assistance!
--Shirley

>>> "Bunch, James" <James.Bunch@blackhillscorp.com> 10/6/2010 2:51 PM
>>> >>>
Shirley:

I just wanted to follow up with you and let you know, Mark Carda, our project engineer, for the proposed transmission project met with Ed Wagoner and his wife on June 28th about the proposed transmission line over Plumb Creek. Although he could not answer their question per se, he did show them the proposed route. We are at least a year out on staking the new line, since it will not be constructed until 1913. While the Wagoners still did not exactly know the exact location, we did meet with them and provided them everything we could. So, that is where we stand now. OK! Thanks, Jim B.

J.W. Bunch
Black Hills Power
1-307-746-2727-Phone
1-307-746-2737 Fax
1-307-746-6320-Cell

New Email Address: James.Bunch@blackhillscorp.com

This electronic message transmission contains information from Black Hills Corporation,

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

78

Robetson

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address: RT. A

Your Name: Dean Robertson

Address: 11516 Melchert Place

City/State/Zip: Rochford, SD 57745

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☒ Project flyer
- ☐ Website
- ☒ Other letter

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

Do the least amount of damage to the environment, be as unobtrusive as possible, respect the character and culture of the areas, stay as much as possible in areas that already have development and have EXCELLENT communication with landowners in proposed routes/corridors. You need a website with frequent updates as your timelines seem to change and we get different info from agents, website + printed materials.

(Please see back)

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BHP-SD-EL14-061-000534

10/20/10

2. Please provide any additional comments you may have on the project.

Regarding Alt A, in the area from 5 mi W of Rockford to 3 miles E of Rockford using SHEET 1 map:

the center of the proposed corridor begins on this map at White Tail Peak - an almost sacred spot in the Northern Hills where locals + visitors stand in awe at the nearly 360° view of glorious mountain + meadow, with no development in sight.

To have a transmission line here - God himself will cry! Not only would the site be ruined, but the views OF white tail peak from surrounding areas will be ruined -

from here the line runs East, crossing one of the most scenic stretches of the Mickelson Trail, and twice crossing roads within 1 mile of Rockford - Rockford has a rich history + is appreciated for its turn of the century flavor.

Route A will require so many spans - peak to peak - and require so much clearing + be so hard to maintain. Surely there is a more appropriate alternative!

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Carda, Mark

From: GLENDA ROBERTSON [glendarobertson@wildblue.net]
Sent: Wednesday, October 06, 2010 10:12 AM
To: Carda, Mark
Subject: Teckla-R.C. transmission line

Good Morning, Mr. Carda;

I attended the recent informational Open House at the Dahl Art Center where I had the opportunity to speak with a number of your representatives about the proposed 230 kV transmission line that you propose to build from your Teckla substation to Rapid City. In particular I was interested in the route of Alternate A, because I live within the corridor.

My initial reaction was that this is a totally inappropriate route for such a line, but I did not fill out my Comment Form at the Open House because I wanted time to further research the route and make my comments based on as much information as possible. I have now had time to plot the proposed corridor onto detailed Forest Service and Pennington County maps , and, even more than before, think this is an inappropriate route. I will be mailing my completed Comment Form to you; but in the meantime I have some suggestions about how the Open House was handled and how you might better communicate with the public.

First, you stated in your invitation to the Open House that you had previously placed notices about a prior meeting in the Rapid City Journal and had very small attendance at that meeting. This would be because most of the concerned people do not live in Rapid City and do not subscribe to the Rapid City Journal. So, although probably legally required, communication through the Journal is not an effective way of reaching people outside of Rapid City.

Second, some landowners/residents in the proposed corridor (in Alternate A) around Rochford did not receive the informational packets/notice of Open House that you mailed. Your representatives stated that they tried very hard to contact everyone. It is hard to understand how they could miss so many. Property records are easily researched on-line. I just did this as a test and easily found mailing addresses for ALL of the folks I know did not receive your mailing. (Pennington Co. Property Search, search by street). When you do not mail letters to all property owners some people to think you are only making a token effort and do not have a real interest in contacting everyone.

Third, the mailings were sent too late. We received them about four days before the Open House. I know of people who think this was done on purpose so the attendance would not be as high. It would be reasonable to give 10-14 days notice so people have a better opportunity to schedule their attendance at your Open House .

Fourth, Before the Open House I called Black Hills Power to check that detailed maps would be available at the meeting (since the one from your website has hardly any

landmarks) and was assured that "Yes, we will have lots of detailed maps as well as aerial photos". The map at the Open House was the same one as on the website, not showing roads, towns or other major landmarks. This was a disappointment to us, as we learned nothing about the proposed route than we didn't know from the website. And there were no aerial photos of OUR area.

Fifth is the issue of mixed "messages". Your representatives at the Open House were very enthusiastic in encouraging us all to fill out the Comment Forms because "we are very interested to hear what you have to say and will take into consideration all of your comments in making our decision". If this is true...that you really want as much input from the public as possible and that you will use our comments in reaching your decision... then it would be good to structure your communications with us in such a way that people feel you are making a serious effort to keep them informed.

One more suggestion, would be to start collecting e-mail addresses for the folks who send in Comment Forms. It would have been good to have a space for that on the comment form. Then you could easily keep us advised of the progress.

***Do you have a revised/current expectation as to when a decision on the preferred route will be made? There is a lot of confusion about this because we were told at the Open House that no one has actually physically checked out the route of Alternate A ("We just drew a line on the map"); yet you are soon starting Environment Impact Studies....It is hard to believe that you would go to the expense of doing Environment Impact Studies on routes that may physically be inappropriate for transmission lines. Or are you required to do studies on all three proposed routes ?

I hope you have stuck with me to the end here !
I know this is long, and that no one likes to get long e-mails; but it wasn't a lot of fun to WRITE such a long e-mail either.

Regards,
Glenda Robertson
11516 Melchert Place
Rochford, SD 57745

605-584-1775
glendarobertson@wildblue.net

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

54

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: GERALD J. SCHMIDT

Address: 4718 CAPITAL ST.

City/State/Zip: RAPID CITY SD 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☒ Project flyer
- ☐ Website
- ☐ Other _____

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

We plan to build a house on our property which would be almost directly under the centerline of your proposed alternative B route. It would take minimal realignment to move it south between the private land on Norris Peak Road and keep it greater than 300 feet away from those properties for low EMF and decreased easement costs. We prefer alternative A or C

(Please see back)

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Black Hills Power

BHP-SD-EL14-061-000538

10/11/10

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

4718 CAPITAL
57702

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709



57709$1400 B013

Public Open House Comment Form

Teckla – Osage – Rapid City 230 kV Transmission Line

1/6

Sieck's

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Sieck

Address: 11504 Melchert Place
Hill City, SD 57745
(605)584-9910

City/State/Zip:

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☒ Other Neighbor

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

(1) Out of site of the public - there's plenty of BHNF to conceal the thru and logging roads for access

(2) Away from housing area's for health issues

(3) Why re-create Line ground path when you have an existing cleared area - how financialy responsible is that???

(Please see back)

ROUTE C

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Black Hills Power

BHP-SD-EL14-061-000540

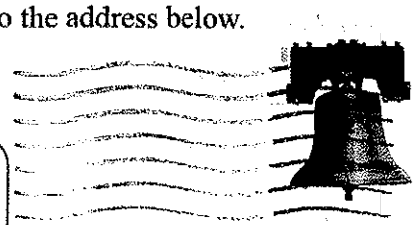
10/12/10

2. Please provide any additional comments you may have on the project.

④ Only one person in our immediate area was contacted by BHP - Wow is that ever a Red Flag!!!!!

We will now expect to be contacted

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.



RAPID CITY SD
PM
OCT

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

577099400 B013

Public Open House Comment Form

85

Teckla – Osage – Rapid City 230 kV Transmission Line

As part of our project planning process, Black Hills Power is holding an open house to educate and inform the public about the proposed Teckla – Osage – Rapid City 230 kV Transmission Line Project. The open house is meant to help us obtain comments, and identify issues related to the project which will be included in subsequent project document preparation. Please take a few moments to answer the questions below and return this sheet to the comment table or mail to the address on the back of this form.

Please provide your current mailing address:

Your Name: Joyce Sugrue

Address: 13090 Timber Lane

City/State/Zip: Rapid City, SD 57702

How did you hear about this meeting? (this helps us to know how best to provide project information to the public)

- ☐ Newspaper advertisement
- ☐ Project flyer
- ☐ Website
- ☒ Other Landowner letter

1. Please describe any issues that should be considered during siting and selection of proposed transmission line corridors and routes:

The lines should be located so they impact private dwellings as ~~little~~ as possible. The Pine Cliff development, near Johnson Siding, does not allow overhead lines by covenants.

Please continue to keep us informed.

Thank you for meeting with us.

(Please see back)

Improving life with energy

Black Hills Power

BHP-SD-EL14-061-000542

10/14/10

2. Please provide any additional comments you may have on the project.

Please return this comment form to the Comment Table or fold, tape, and mail to the address below.

Mark Carda, Manager of T&D Engineering
Black Hills Power
PO Box 1400
Rapid City, SD 57709

Carda, Mark

From: Erica Welu [weluem@q.com]
Sent: Saturday, October 02, 2010 5:38 PM
To: Carda, Mark
Subject: Proposed power lines

Mark,

My name is Mike Welu. I live at 23779 Hidden Mine Lane, Hill City, SD. Legal description of property: Sunnyside Lode MS 1080 and Sec 13 1080 Sunnyside Lode.

I am writing to voice my concern with the proposal to run the power line through the Hill city area. Many of us that live along the Deerfield road have a view of Harney Peak. The installation of the power line would be directly in our line of sight. Harney Peak is a main Blackhills attraction. Therefore, any construction that hinders not only residents but tourist's views of this attraction should not be pursued.

In addition, the Hill City area prides itself on a small town, rustic image. A back drop of high wire power lines would be detrimental to this image.

Please consider an alternate route.

Sincerely,

Mike Welu

BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 22, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 8:

Per ARSD 20:10:22:14(2), please provide legible topographic maps of the transmission site.

Response to SDPUC Request No. 8:

Please see Attachments 8.1 and 8.2

Attachments: 8.1 – Geologic Map Units
8.2 – Physical Environment

Figure3 - Geologic Map Units

230 kV Transmission Project

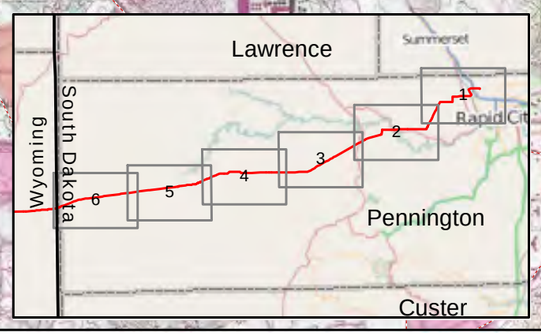
Attachment 8

BHP-SD-EL14-061-000589

Existing Roads

- Local Road
- Private Road
- Closed to Public
- Unclassified
- ATV Trail
- Active Mining Property

Qal
Qt
Kl
Jsg
Jmu
TRPs
PIPm
Pm
Twr
Pmo
Qt
Kl
TRPs
Pm
Pm
Twr
Twr
Twr
Pmo
Qt



Geologic Map Units - Black Hills ARSD 20:10:22:14 (3)

Geology Map Unit

Ql	Kl	Pmo	OCd	Xgby	Xgw1
Qal	Jmu	Pm	Xbo	Xs	Xgw2
Qc	Jsg	MDe	Xbs1	Xts	Xgw3
Qt	TRP's	MDpe	Xbs2	Xfc	Xmt
Twr	PIPm	Mp	Xeq	Xgb	Xqc

0 0.5 1 Miles

Print Date: 9/5/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 3 - Geologic Map Units.mxd

Figure3 - Geologic Map Units

230 kV Transmission Project

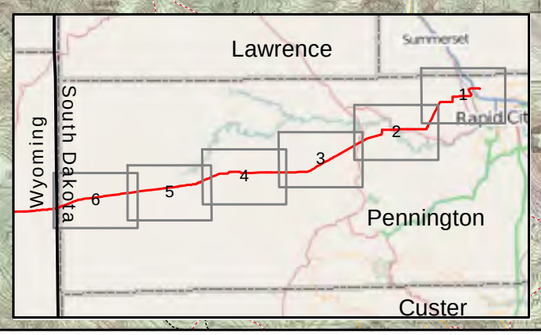
Attachment 8

BHP-SD-EL14-061 20005930

Existing Roads

- Local Road
- Private Road
- Closed to Public
- Unclassified
- ATV Trail
- Active Mining Property

Twr
Xgw2
Xqc
Qal
OCd
Xeq
Mp
Xmt
water
Xqs
Xbo
Xbs1
Xgby
Xgw2
PIPm



Geologic Map Units - Black Hills ARSD 20:10:22:14 (3)

Geology Map Unit

Ql	Kl	Pmo	OCd	Xgby	Xgw1
Qal	Jmu	Pm	Xbo	Xs	Xgw2
Qc	Jsg	MDe	Xbs1	Xts	Xgw3
Qt	TRP's	MDpe	Xbs2	Xfc	Xmt
Twr	PIPm	Mp	Xeq	Xgb	Xqc

0 0.5 1 Miles

Print Date: 9/5/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 3 - Geologic Map Units.mxd

Figure3 - Geologic Map Units

230 kV Transmission Project

Attachment 8

BHP-SD-EL14-061-00059

Existing Roads

- Local Road
- Private Road
- Closed to Public
- Unclassified
- ATV Trail
- Active Mining Property

Xgw1
Xbs1
Qc
Xbo
Xgw1
Xbs2
Xqc
Xts
Xgw1
Qal
Xbs2
Xts
Xs
Xgw3
Xts
Xgw1
Xts
Proposed Centerline

Lawrence
Summerset
Wyoming
South Dakota
Rapid City
Pennington
Custer
1
2
3
4
5
6

Geologic Map Units - Black Hills ARSD 20:10:22:14 (3)

Geology Map Unit

Ql	Kl	Pmo	OCd	Xgby	Xgw1
Qal	Jmu	Pm	Xbo	Xs	Xgw2
Qc	Jsg	MDe	Xbs1	Xts	Xgw3
Qt	TRP's	MDpe	Xbs2	Xfc	Xmt
Twr	PIPm	Mp	Xeq	Xgb	Xqc

0 0.5 1
Miles

Print Date: 9/5/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 3 - Geologic Map Units.mxd

Figure3 - Geologic Map Units

230 kV Transmission Project

Attachment 8

BHP-SD-EL14-061-000592

Existing Roads

- Local Road
- Private Road
- Closed to Public
- Unclassified
- ATV Trail
- Active Mining Property

Xs

Qal

Xts

Xbs2

Xgw3

Xts

Xts

Lawrence

Summerset

Wyoming

South Dakota

Rapid Cit

Pennington

Custer

1

2

3

4

5

6

Geologic Map Units - Black Hills ARSD 20:10:22:14 (3)

Geology Map Unit

Ql	Kl	Pmo	OCd	Xgby	Xgw1
Qal	Jmu	Pm	Xbo	Xs	Xgw2
Qc	Jsg	MDe	Xbs1	Xts	Xgw3
Qt	TRP's	MDpe	Xbs2	Xfc	Xmt
Twr	PIPm	Mp	Xeq	Xgb	Xqc

0 0.5 1

Miles

Print Date: 9/5/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 3 - Geologic Map Units.mxd

Figure3 - Geologic Map Units

230 kV Transmission Project

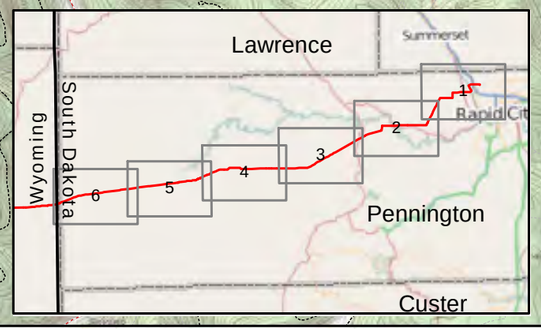
Attachment 8

BHP-SD-EL14-061-000598

Existing Roads

- Local Road
- Private Road
- Closed to Public
- Unclassified
- ATV Trail
- Active Mining Property

Xts
OCd
Xs
Xgw3
Xts
Xgw3
Xts
Mp



Geologic Map Units - Black Hills ARSD 20:10:22:14 (3)

Geology Map Unit

Ql	Kl	Pmo	OCd	Xgby	Xgw1
Qal	Jmu	Pm	Xbo	Xs	Xgw2
Qc	Jsg	MDe	Xbs1	Xts	Xgw3
Qt	TRP's	MDpe	Xbs2	Xfc	Xmt
Twr	PIPm	Mp	Xeq	Xgb	Xqc

0 0.5 1
Miles

Print Date: 9/5/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 3 - Geologic Map Units.mxd

Figure3 - Geologic Map Units

230 kV Transmission Project

Attachment 8

BHP-SD-EL14-061-000594

Existing Roads

- Local Road
- Private Road
- Closed to Public
- Unclassified
- ATV Trail
- Active Mining Property

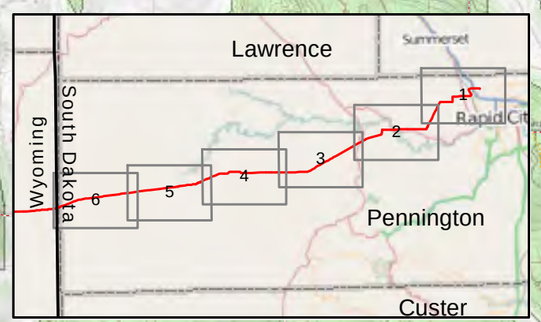
MDpe

PIPm

Mp

PlPm

MDpe



Geologic Map Units - Black Hills ARSD 20:10:22:14 (3)

Geology Map Unit

Ql	Kl	Pmo	OCd	Xgby	Xgw1
Qal	Jmu	Pm	Xbo	Xs	Xgw2
Qc	Jsg	MDe	Xbs1	Xts	Xgw3
Qt	TRP's	MDpe	Xbs2	Xfc	Xmt
Twr	PIPm	Mp	Xeq	Xgb	Xqc

0 0.5 1 Miles

Print Date: 9/5/2014

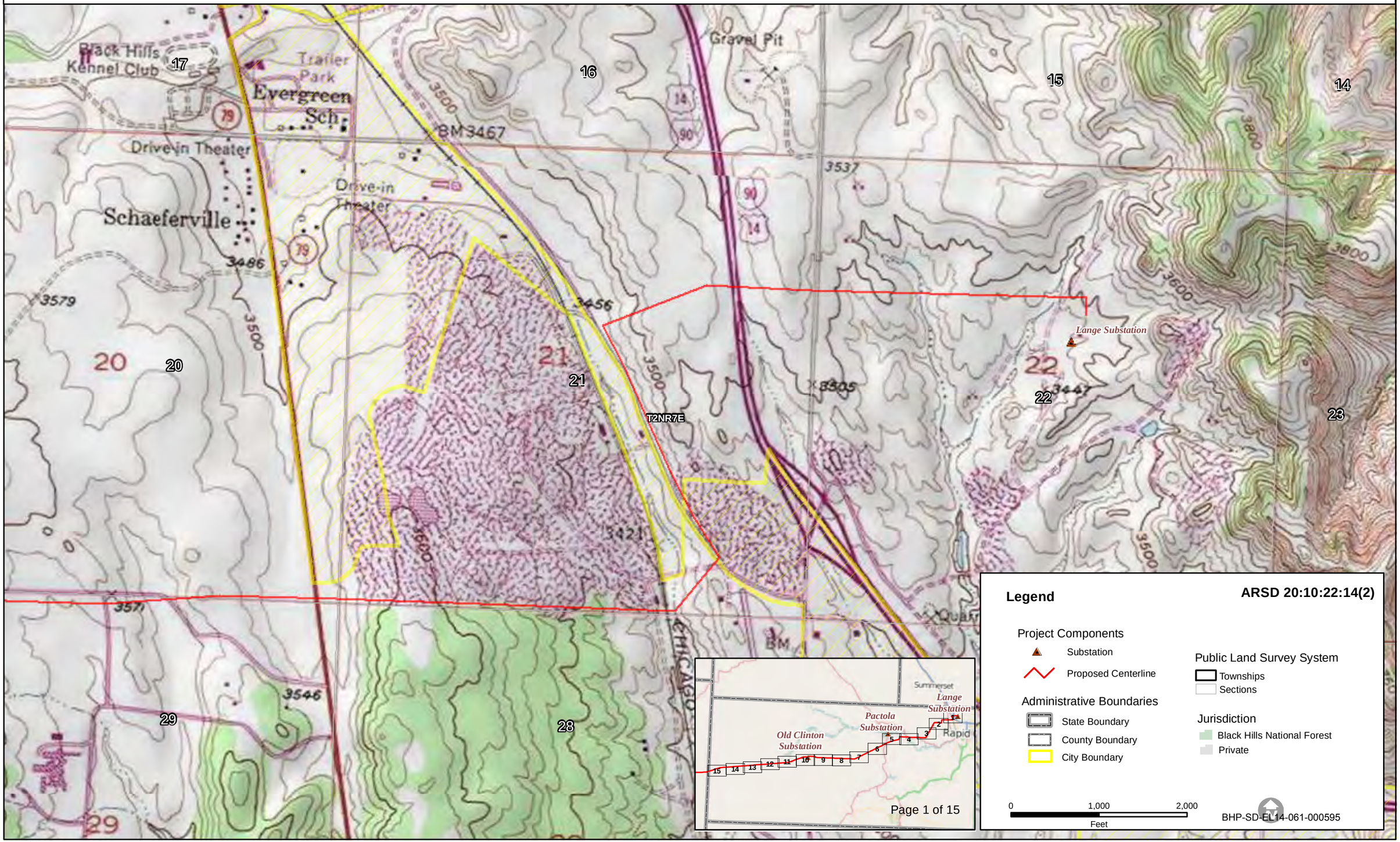
Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 3 - Geologic Map Units.mxd

Figure 5 - Physical Environment

230 kV Transmission Line

Black Hills Power — Improving life with energy

POWER ENGINEERS



Date: 9/4/2014

Document Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 5 - Physical Environment.mxd

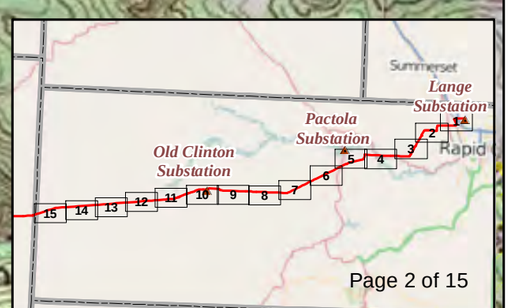
Figure 5 - Physical Environment

230 kV Transmission Line

BLACK HILLS NATIONAL FOREST

T2NR6E

T2NR7E



Page 2 of 15

Legend

ARSD 20:10:22:14(2)

Project Components
- Substation
- Proposed Centerline

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000
Feet

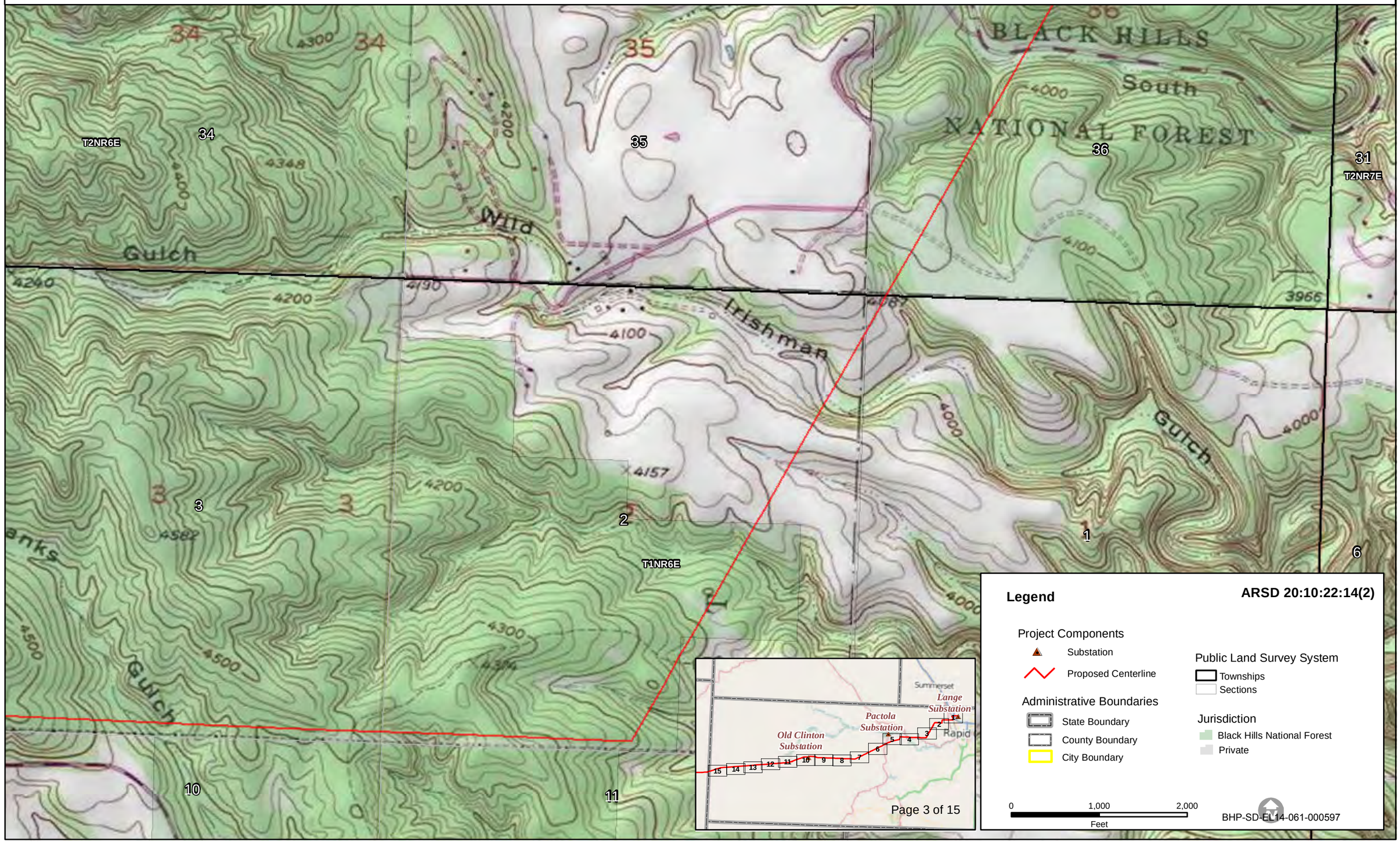
BHP-SD-EL14-061-000596

Date: 9/4/2014

Document Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 5 - Physical Environment.mxd

Figure 5 - Physical Environment

230 kV Transmission Line



Legend

ARSD 20:10:22:14(2)

Project Components
- Substation
- Proposed Centerline

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000
Feet

BHP-SD-EL14-061-000597

Date: 9/4/2014

Document Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 5 - Physical Environment.mxd

Figure 5 - Physical Environment

230 kV Transmission Line

Thrall Mountain
5091
Flume
Shanks
Big Bend
4213
Wheaton College
Summer Camp
T1NR6E
Gulch
Gaging
Station
Powerhouse
Thunderhead Falls
Tunnel
Spring
4841
4282
4125
4890
4815
4874
4962
6
5
4
3
7
8
9
10
18
17
A L F O R

Summerset
Lange Substation
Pactola Substation
Old Clinton Substation
Rapid
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Legend

ARSD 20:10:22:14(2)

Project Components
- Substation
- Proposed Centerline

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000
Feet

BHP-SD-EL14-061-000598

Date: 9/4/2014

Document Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 5 - Physical Environment.mxd

Figure 5 - Physical Environment

230 kV Transmission Line

Pactola Substation

RESERVOIR

DAM

Tamarack Gulch

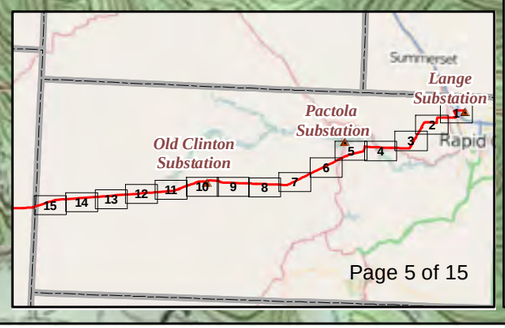
McCurdy Gulch

Custer Gulch

Gold Standard Gulch

T1NR5E

T1NR6E



Page 5 of 15

Legend

ARSD 20:10:22:14(2)

Project Components
- Substation
- Proposed Centerline

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000 Feet

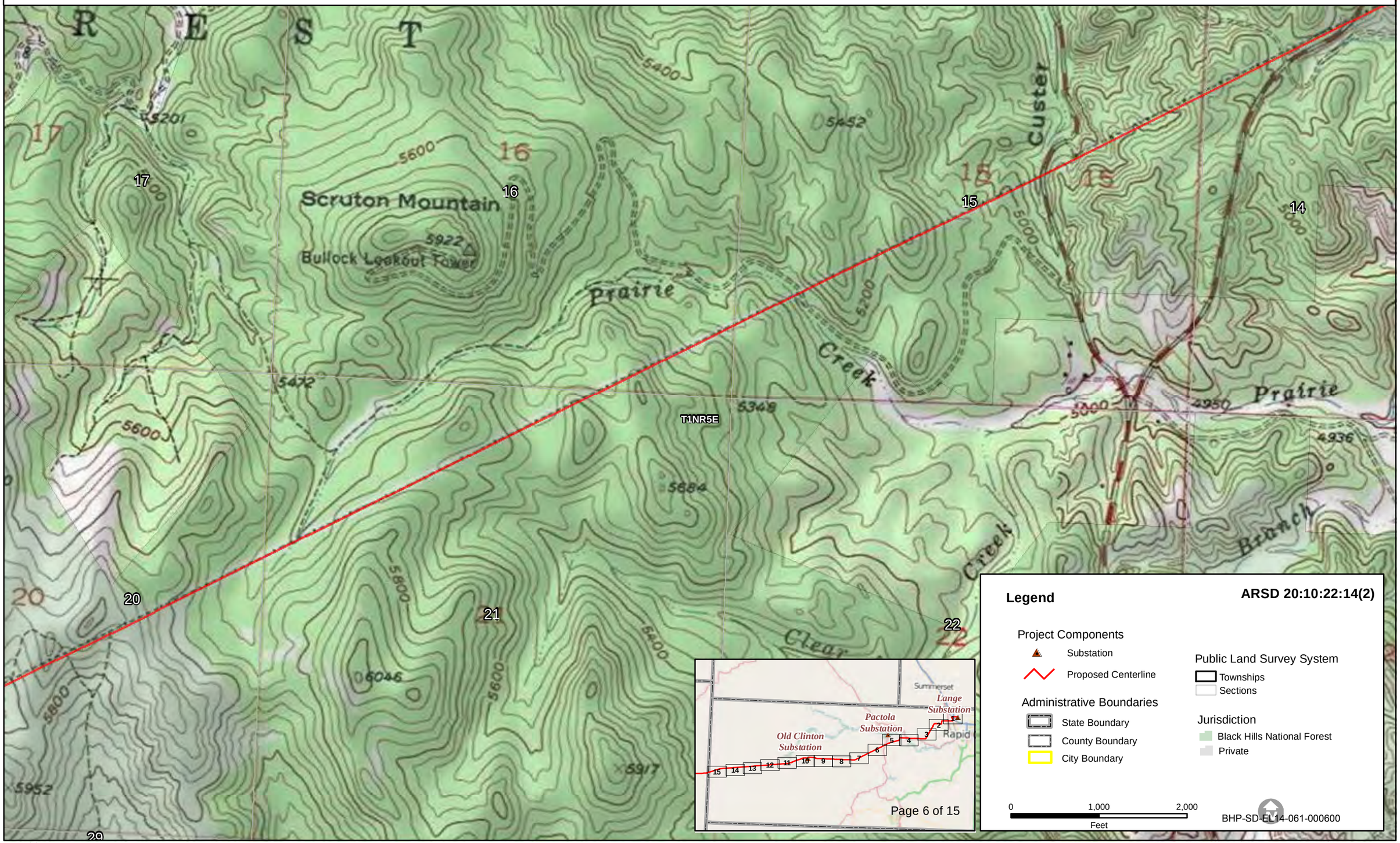
BHP-SD-EL14-061-000599

Date: 9/4/2014

Document Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 5 - Physical Environment.mxd

Figure 5 - Physical Environment

230 kV Transmission Line



Legend

ARSD 20:10:22:14(2)

Project Components
- Substation
- Proposed Centerline

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000
Feet

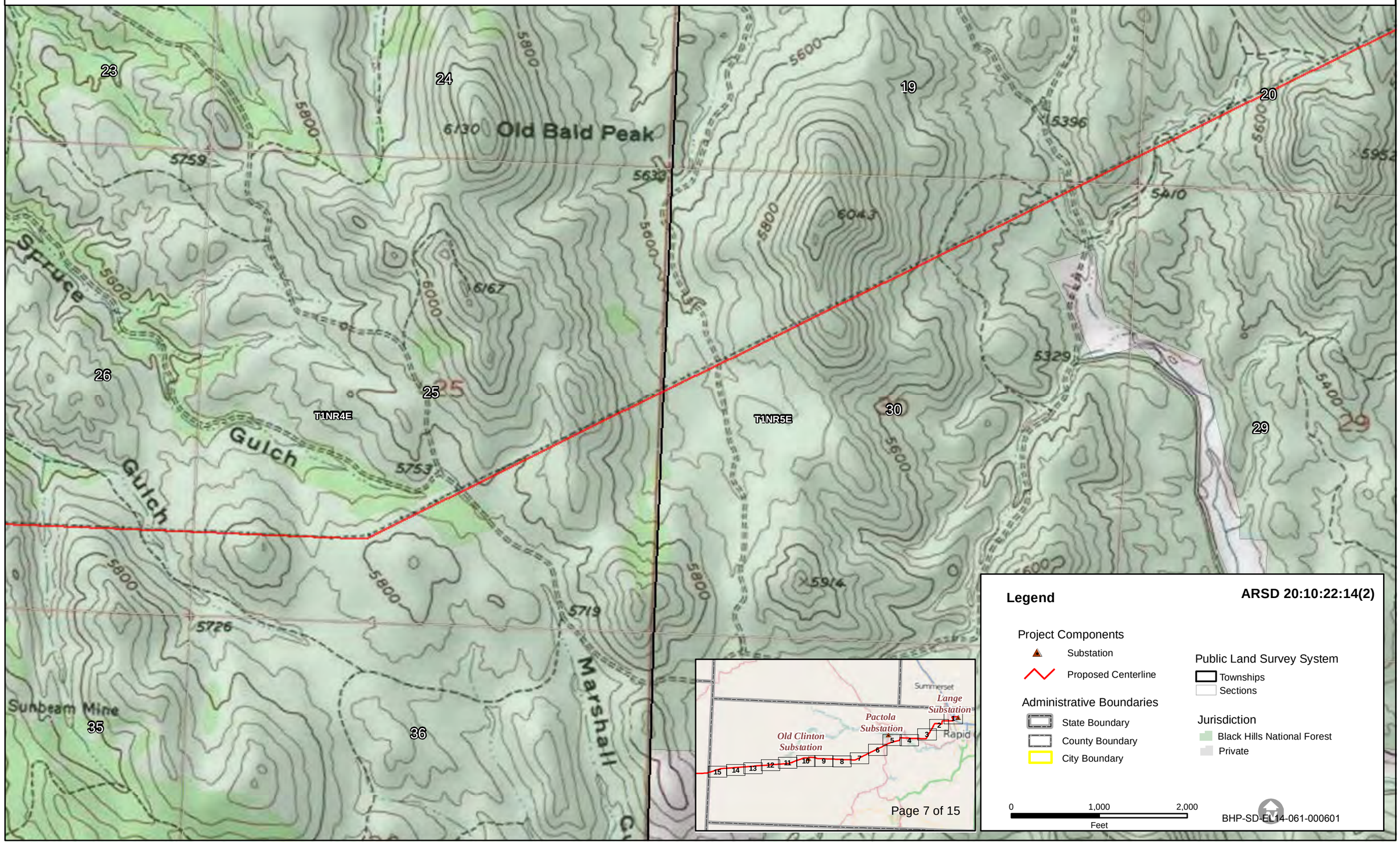
BHP-SD-EL14-061-000600

Date: 9/4/2014

Document Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 5 - Physical Environment.mxd

Figure 5 - Physical Environment

230 kV Transmission Line



Legend

ARSD 20:10:22:14(2)

Project Components
- Substation
- Proposed Centerline

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000
Feet

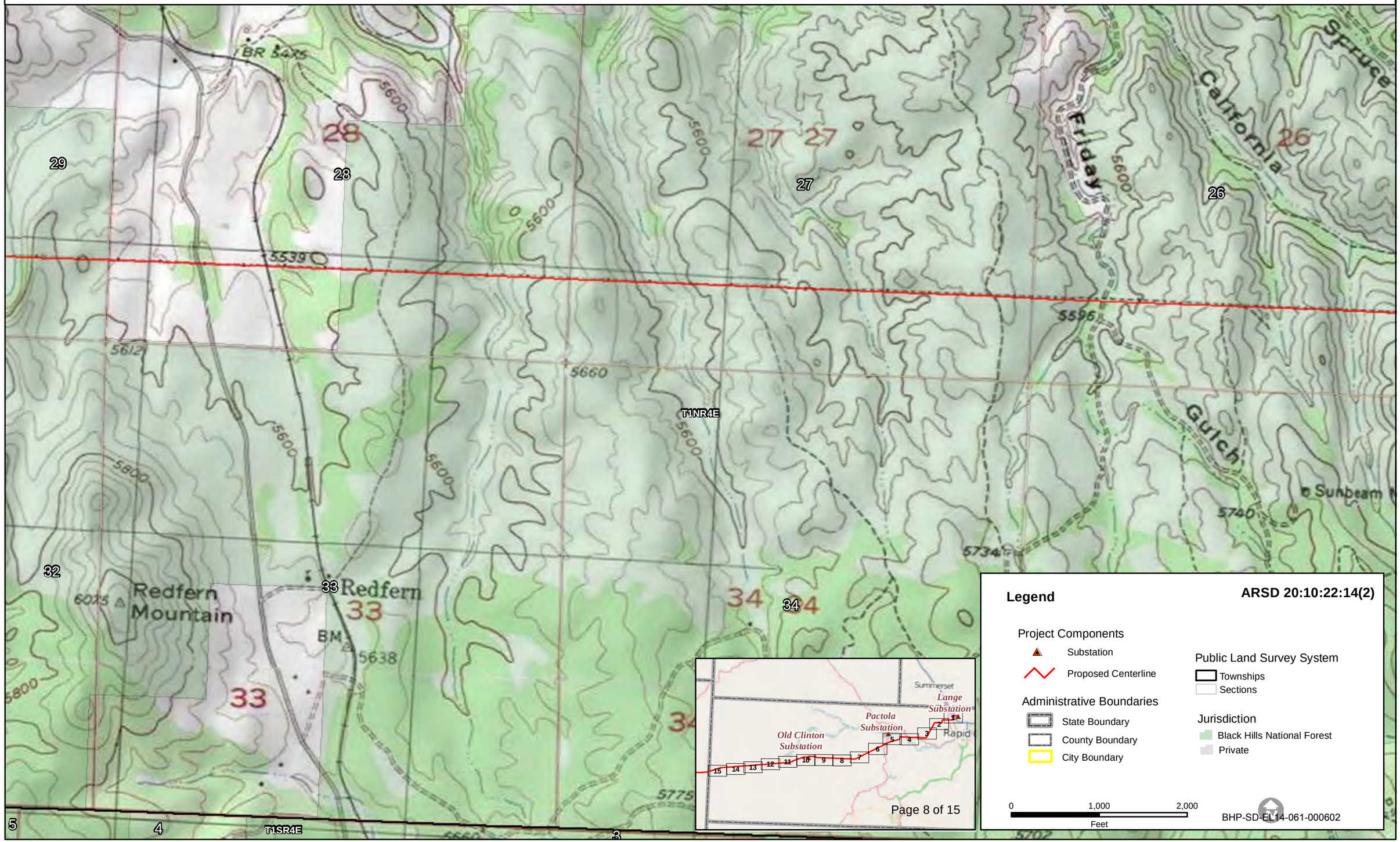
BHP-SD-EL14-061-000601

Date: 9/4/2014

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Figure 5 - Physical Environment

230 kV Transmission Line

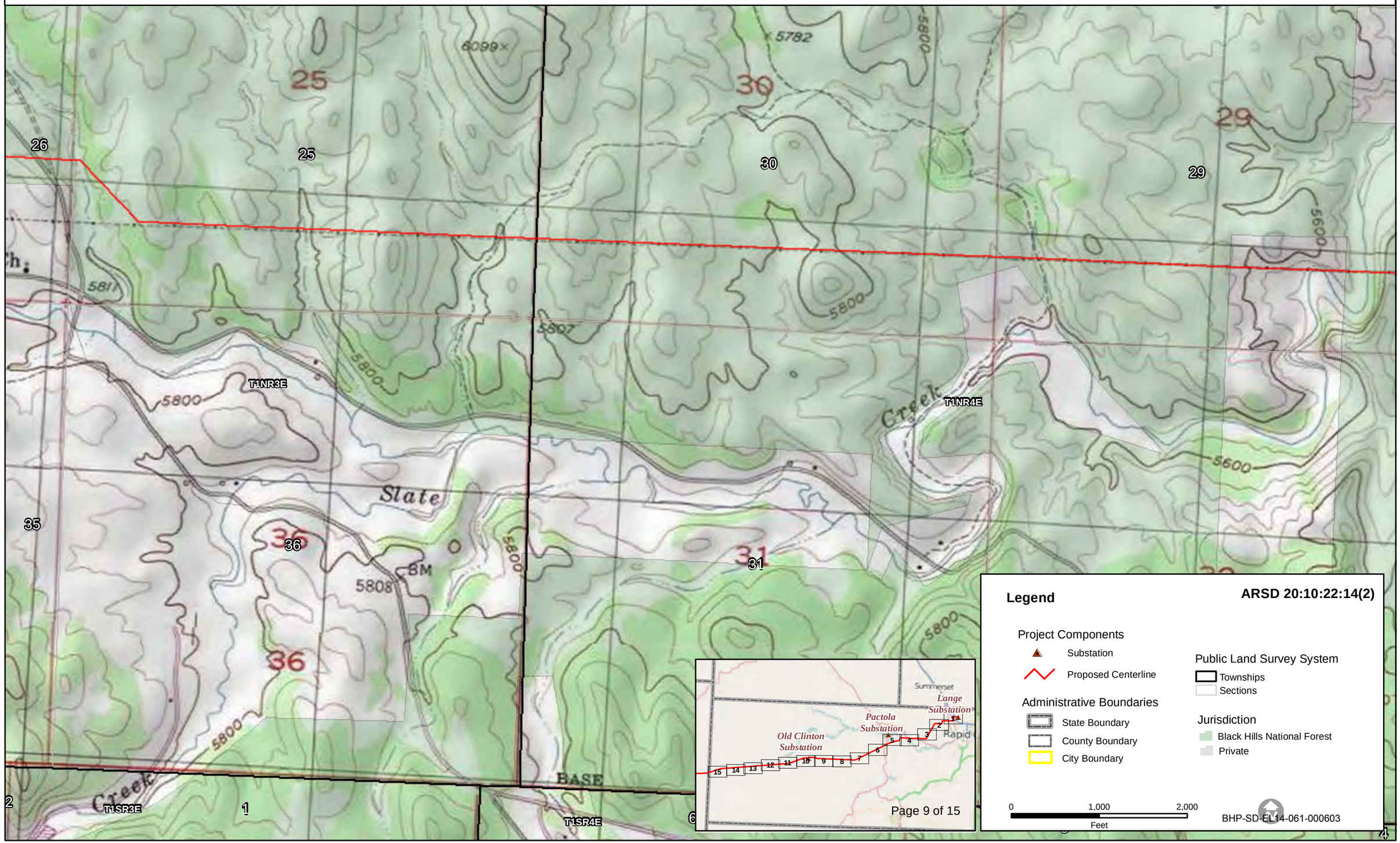


Date: 9/4/2014

Document Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 5 - Physical Environment.mxd

Figure 5 - Physical Environment

230 kV Transmission Line



Legend

ARSD 20:10:22:14(2)

Project Components
- Substation
- Proposed Centerline

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000
Feet

BHP-SD-EL14-061-000603

Date: 9/4/2014

Document Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 5 - Physical Environment.mxd

Figure 5 - Physical Environment

230 kV Transmission Line

Old Clinton Sub

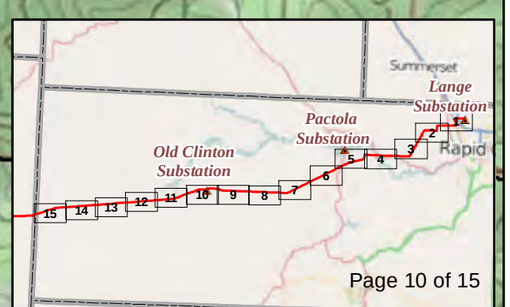
Slate Prairie Ch

FOREST BOUNDARY

T1NR3E

T1SR3E

Dutchman Ct



Legend

ARSD 20:10:22:14(2)

Project Components
- Substation
- Proposed Centerline

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000 Feet

BHP-SD-EL14-061-000604

Date: 9/4/2014

Document Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 5 - Physical Environment.mxd

Figure 5 - Physical Environment

230 kV Transmission Line

Black Hills Power — Improving life with energy

POWER ENGINEERS

25 30 29 28

T1NR2E T1NR3E

36 31 32 33

T1SR2E T1SR3E

1 6

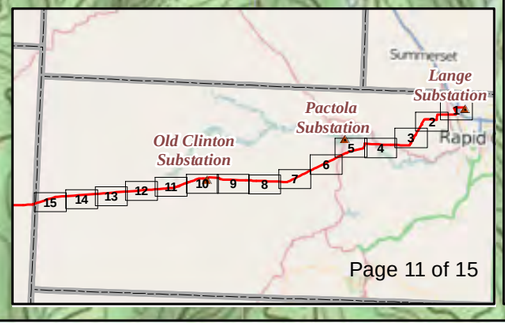
Hoar Ranch

Hat Mountain 6779

South Fork

Gold Run

BASE LINE



Legend

ARSD 20:10:22:14(2)

Project Components
- Substation
- Proposed Centerline

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000 Feet

BHP-SD-EL14-061-000605

Date: 9/4/2014

Document Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 5 - Physical Environment.mxd

Figure 5 - Physical Environment

230 kV Transmission Line

Black Hills Power — Improving life with energy

POWER ENGINEERS

T1NR2E

T1SR2E

33 34 35 36 4 3 2 1 9 10

Creek

Fork

Creek

Creek

South

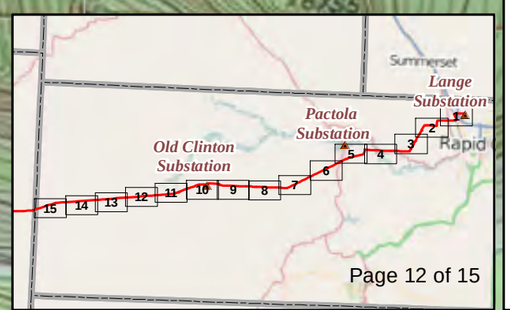
BM 6323

BM 5997

6357 6241 6199 6812 6764

6600 6700 6800 6870 6500 6300 6100 6400 6200

×6778 ×6754 ×6755



Page 12 of 15

Legend

ARSD 20:10:22:14(2)

Project Components
- Substation
- Proposed Centerline

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000 Feet

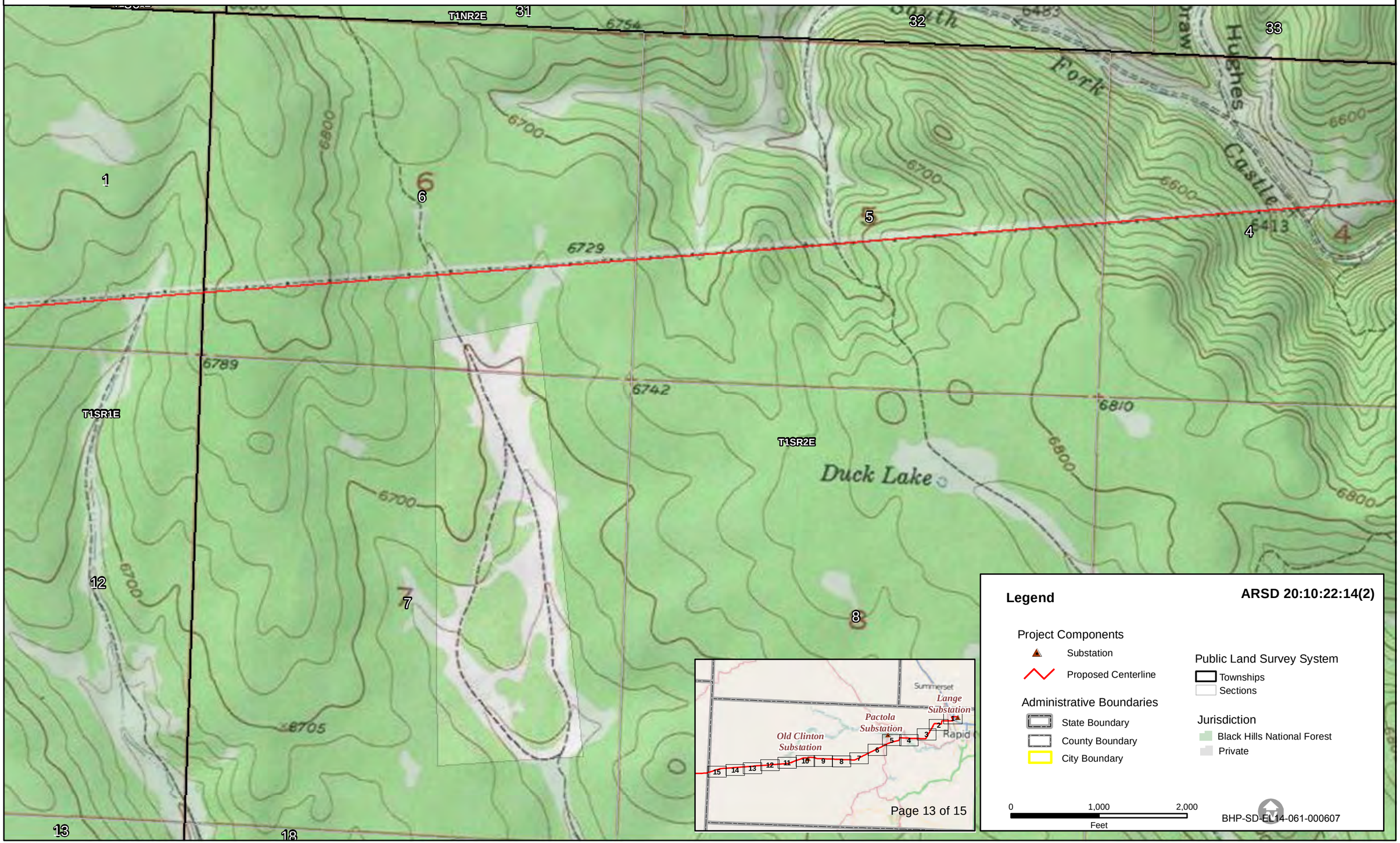
BHP-SD-EL14-061-000606

Date: 9/4/2014

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Figure 5 - Physical Environment

230 kV Transmission Line

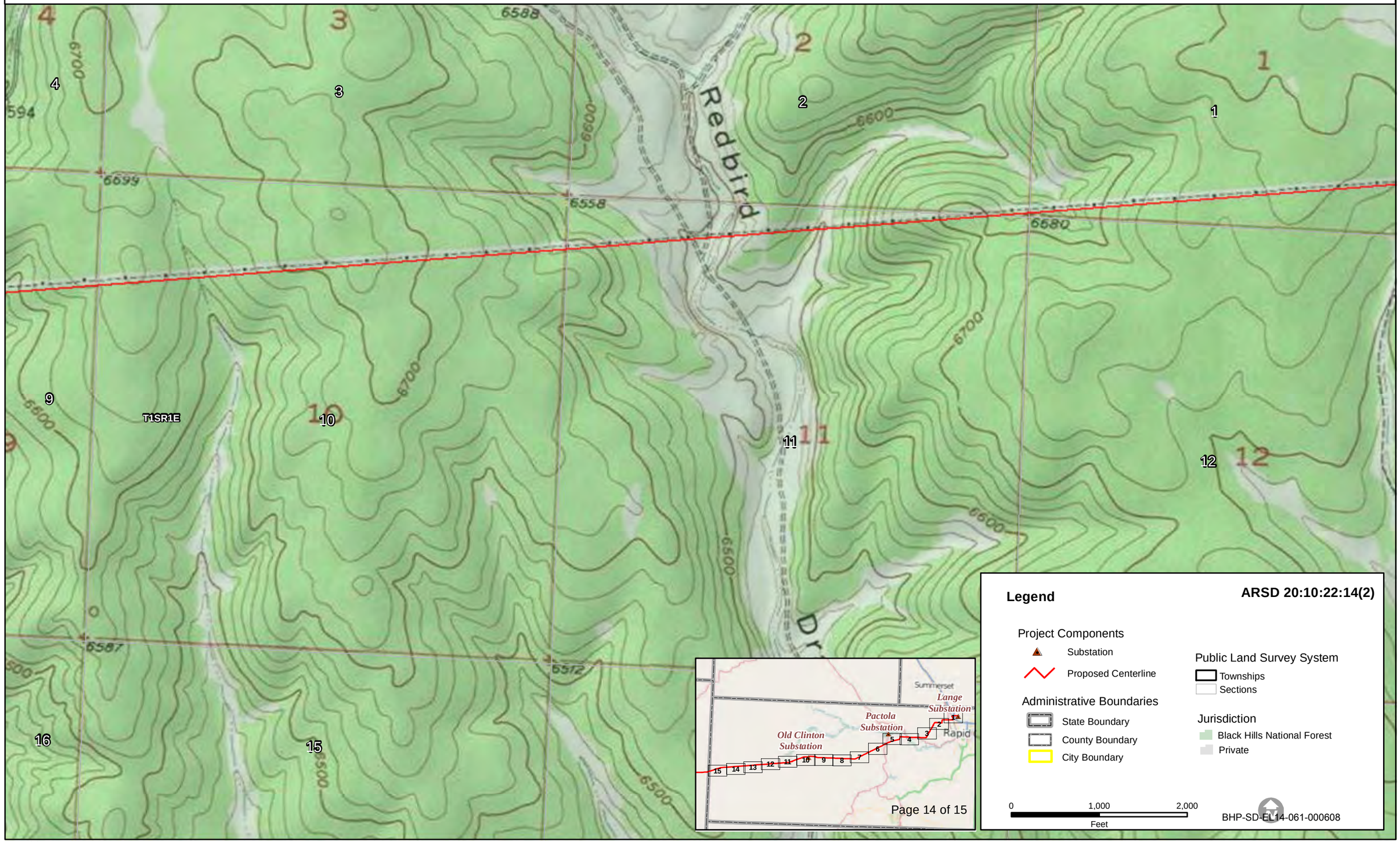


Date: 9/4/2014

Document Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 5 - Physical Environment.mxd

Figure 5 - Physical Environment

230 kV Transmission Line



Date: 9/4/2014

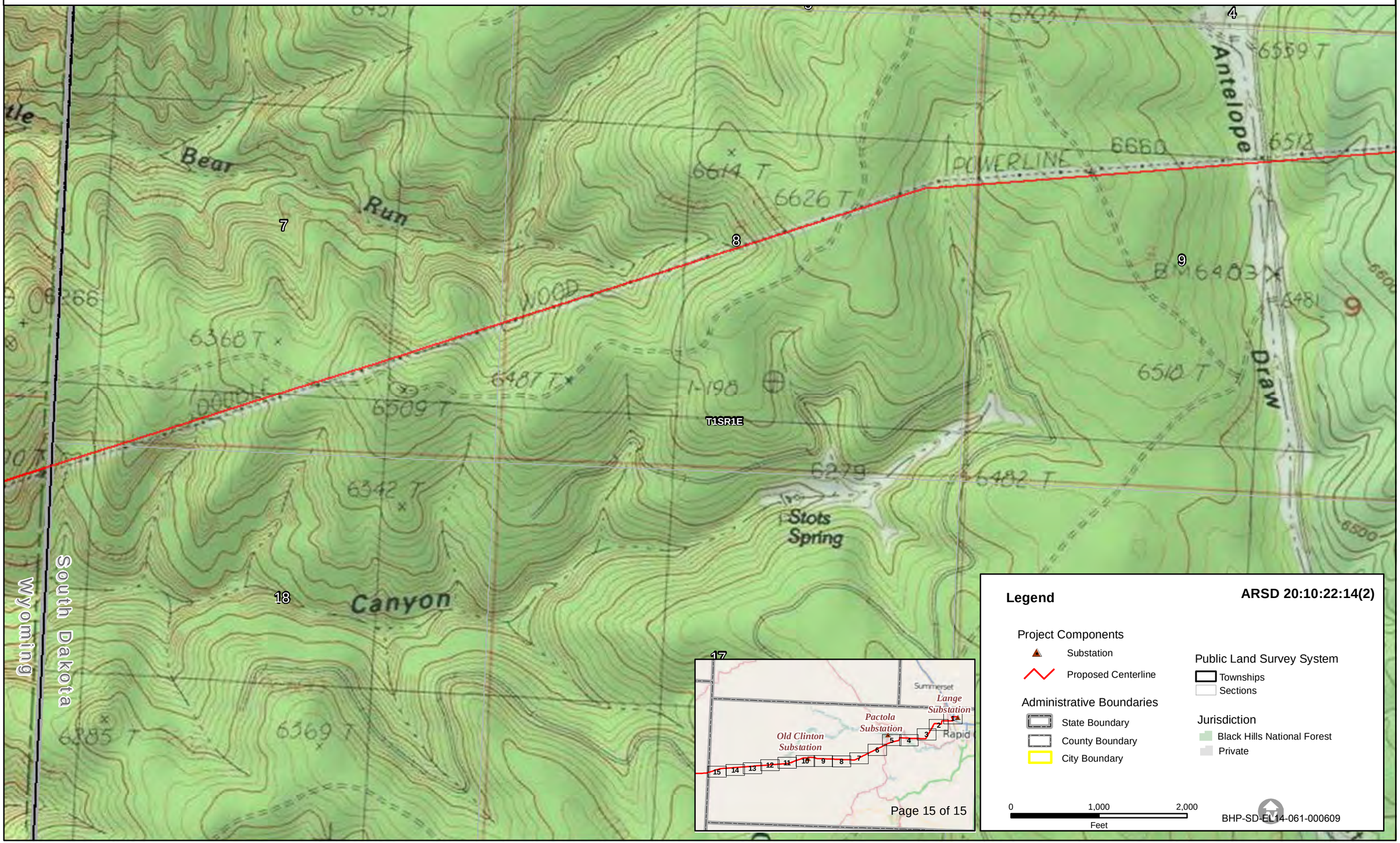
Document Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 5 - Physical Environment.mxd

Figure 5 - Physical Environment

230 kV Transmission Line

Black Hills Power
Improving life with energy

POWER ENGINEERS



Legend

ARSD 20:10:22:14(2)

Project Components
- Substation
- Proposed Centerline

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000
Feet

BHP-SD-EL14-061-000609

Date: 9/4/2014

Document Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 5 - Physical Environment.mxd

BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 17, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 9:

Per ARSD 20:10:22:12(3), please provide "a discussion of the extent to which reliance upon eminent domain powers could be reduced by use of an alternative site."

Response to SDPUC Request No. 9:

Black Hills Power is currently in the process of meeting with landowners, gathering concerns regarding the proposed route, and considering route modifications that have been proposed to minimize impacts. Black Hills Power is committed to take all reasonable measures to address property owner concerns and reach amicable agreements to the terms of ROW easements. The Company's success in these efforts will minimize its need to rely upon eminent domain powers.

Attachments: None

BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 17, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 10:

Per ARSD 20:10:22:14(6), please provide "[a]n analysis of potential erosion or sedimentation which may result from site clearing, construction, or operating activities and measures which will be taken for their control."

Response to SDPUC Request No. 10:

Appendix C to the Application is the Draft Environmental Impact Study ("DEIS"). Appendix C, Sections 3.4.2.2.1 - Soils; 3.5.2.2.1 - Hydrology; and 3.6.2.2.1 - Wetlands, provide analysis of potential erosion and sedimentation. Appendix B of the DEIS outlines the specific measures to be taken to minimize potential impacts from erosion and sedimentation. Appendix B of the DEIS has been provided as Attachment 7 in Response to SDPUC Request No. 7.

Attachments: None

BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 17, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 11:

Per ARSD 20:10:22:14(7), please provide "[i]nformation on areas of…subsidence potential and slope instability."

Response to SDPUC Request No. 11:

Please refer to Appendix C to the Application, Section 3.4.1.1, for information regarding slope instability and mass movement.

Attachments: None

BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 17, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 12:

Per ARSD 20:10:22:14(8), please provide "[a]n analysis of any constraints that may be imposed by geological characteristics on the design, construction, or operation of the proposed facility and a description of plans to offset such constraints."

Response to SDPUC Request No. 12:

Geological characteristics that may affect design and construction of the proposed facility include areas with shallow or deep bedrock, areas with shallow or deep soft soils, or areas with expansive soils. If bedrock is encountered on the project, then the proposed directly embedded and drilled pier foundations would be designed using rock teeth augers, expansive concrete (bristar) or rock drilling and implosive charges to clear the hole for a pole embedment and rock socket design. If bedrock is solid and intact (i.e. high RQD) then a rock anchor design could also be employed. A spread footing foundation placed above bedrock could also be used. If deep soft soils are encountered on the project, then the direct embed or drilled pier foundations would change to a deep foundation solution such as driven steel piles and a concrete pile cap, helical piers or vibratory steel caissons. The proposed directly embedded or drilled pier depth will be set below the potential for expansive soils to have an effect on the structure foundations.

Attachments: None

BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 22, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 13:

Per ARSD 20:10:22:15(1), please provide water drainage patterns, including the direction of flow on the higher resolution maps provided per ***Q5.***

Response to SDPUC Request No. 13:

Please see Attachment 13.

Attachments: 13 – Surface Water

Figure 4 - Surface Water
230 kV Transmission Project

Attachment 13

BHP-SD-EL14-061-000610

Black Hills Kennel Club
Trailer Park
Evergreen Sch
Drive-in Theater
Drive-in Theater
Schaeferville
Gravel Pit
BM3467
Lange Substation
Lange Substation
Proposed Centerline
T2NR7E
Lawrence
Summerset
Lange Substation
Pactola Substation
Old Clinton Substation
Rapid City
Wyoming
South Dakota
Pennington
Page 1 of 15

ARSD 20:10:22:15 (1)

Legend

Project Components
- Substation
- Proposed Centerline

Hydrography
- Perennial Stream
- Intermittent Stream
- Ephemeral Stream
- Springs
- Flow Direction
- Wetlands

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000
Feet

Print Date: 9/5/2014

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Figure 4 - Surface Water
230 kV Transmission Project

Attachment 13

BHP-SD-EL14-061-000211

Proposed Centerline

BHNF

BLACK HILLS NATIONAL FOREST

T2NR6E

T2NR7E

Lawrence

Summerset

Lange Substation

Pactola Substation

Old Clinton Substation

Rapid City

Wyoming

South Dakota

Pennington

Page 2 of 15

ARSD 20:10:22:15 (1)

Legend

Project Components
- Substation
- Proposed Centerline

Hydrography
- Perennial Stream
- Intermittent Stream
- Ephemeral Stream
- Springs
- Flow Direction
- Wetlands

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000
Feet

Print Date: 9/5/2014

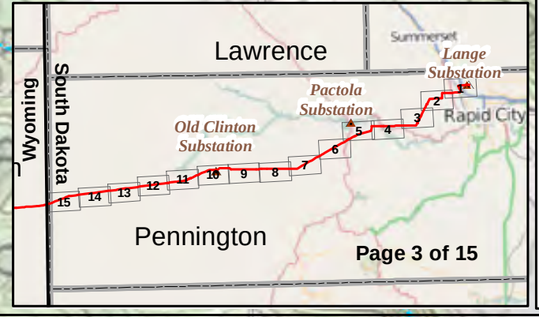
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Figure 4 - Surface Water
230 kV Transmission Project

Attachment 13

BHP-SD-EL14-061-000612

T2NR6E
34
35
BHNF
36
T2NR7E
31
Wild Irishman Gulch
Irishman Gulch
Pvt
BHNF
3
2
Cleghorn Canyon
1
6
T1NR6E
T1NR7E
Shanks Gulch
Pvt
10
11



Legend

ARSD 20:10:22:15 (1)

Project Components
- Substation
- Proposed Centerline

Hydrography
- Perennial Stream
- Intermittent Stream
- Ephemeral Stream
- Springs
- Flow Direction
- Wetlands

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000
Feet

Print Date: 9/5/2014

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Figure 4 - Surface Water
230 kV Transmission Project

Attachment 13

BHP-SD-EL14-061-000613

Proposed Centerline

BHNF

Pvt

T1NR6E

Trustee Spring

Thrall Mountain

Big Bend

Wheaton College Summer Camp

Shanks Gulch

Powerhouse Gulch

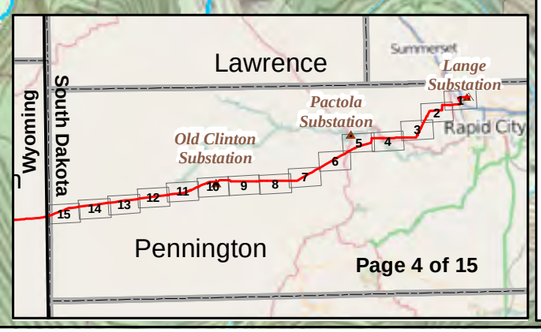
Rapid Creek

Thunderhead Falls Tunnel

Gaging Station

Spring

Flume



Page 4 of 15

Legend

ARSD 20:10:22:15 (1)

Project Components
- Substation
- Proposed Centerline

Hydrography
- Perennial Stream
- Intermittent Stream
- Ephemeral Stream
- Springs
- Flow Direction
- Wetlands

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000
Feet

Print Date: 9/5/2014

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Figure 4 - Surface Water
230 kV Transmission Project

Attachment 13

BHP-SD-EL14-061-000614

Pactola Substation

Rapid Creek

McCurdy Gulch

Tamarack Gulch

Custer Gulch

Prairie Creek Spring

Powerhouse Gulch

Gold Standard Gulch

RESERVOIR DAM

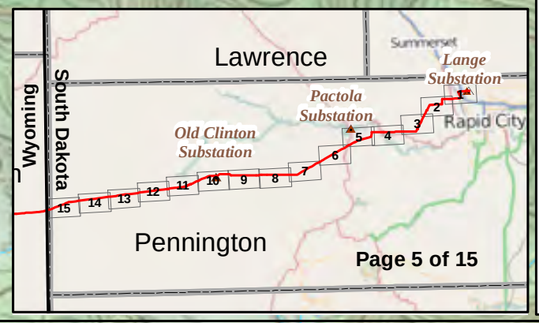
BHNF

Pvt

T1NR5E

T1NR6E

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



Legend

ARSD 20:10:22:15 (1)

Project Components
- Substation
- Proposed Centerline

Hydrography
- Perennial Stream
- Intermittent Stream
- Ephemeral Stream
- Springs
- Flow Direction
- Wetlands

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000
Feet

Print Date: 9/5/2014

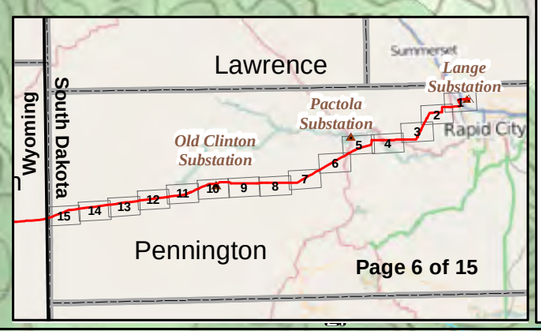
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Figure 4 - Surface Water
230 kV Transmission Project

Attachment 13

BHP-SD-EL14-061-000615

Pvt
Pvt
Pvt
Pvt
BHNF
BHNF
T1NR5E
Scruton Mountain
Bullock Lookout Tower
Prairie Creek
Clear Creek
Custer
17
16
15
14
20
21
22
29
28
5922
5600
5400
5452
5472
5349
5684
6046
5917
5952
5200
5000
4936



Page 6 of 15

Legend

ARSD 20:10:22:15 (1)

Project Components
- Substation
- Proposed Centerline

Hydrography
- Perennial Stream
- Intermittent Stream
- Ephemeral Stream
- Springs
- Flow Direction
- Wetlands

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000
Feet

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Figure 4 - Surface Water
230 kV Transmission Project

Attachment 13

BHP-SD-EL14-061-000616

Old Bald Peak

Spruce Gulch

Skull Gulch

Marshall Gulch

Middle Nugget Gulch

Horse Creek

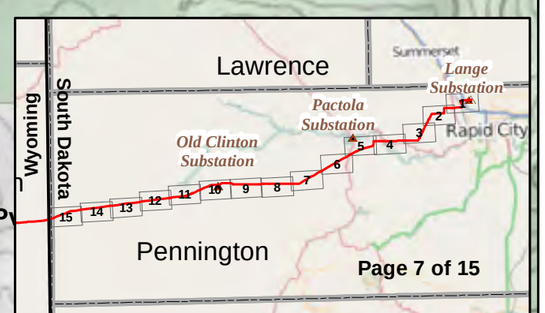
BHNF

Pvt

T1NR4E

T1NR5E

Sunbeam Mine



Legend

ARSD 20:10:22:15 (1)

Project Components
- Substation
- Proposed Centerline

Hydrography
- Perennial Stream
- Intermittent Stream
- Ephemeral Stream
- Springs
- Flow Direction
- Wetlands

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000
Feet

Print Date: 9/5/2014

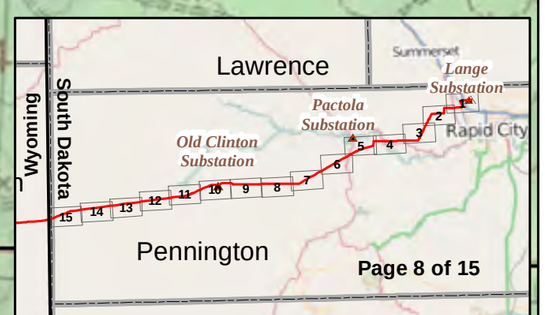
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Figure 4 - Surface Water
230 kV Transmission Project

Attachment 13

BHP-SD-EL14-061-000617

Slate Creek
Bottleneck Spring
Lower Redfern
Proposed Centerline
Friday Gulch
Skull Gulch
Spruce
California
Gulch
Redfern Mountain
BHNF
Pvt
T1NR4E
T1SR4E
BR 5475
5539
5612
5660
5600
5500
5800
6025
5638
5734
5740
5775
5560
29
28
27
26
33
34
32
5
4



Legend

ARSD 20:10:22:15 (1)

Project Components
- Substation
- Proposed Centerline

Hydrography
- Perennial Stream
- Intermittent Stream
- Ephemeral Stream
- Springs
- Flow Direction
- Wetlands

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000
Feet

Print Date: 9/5/2014

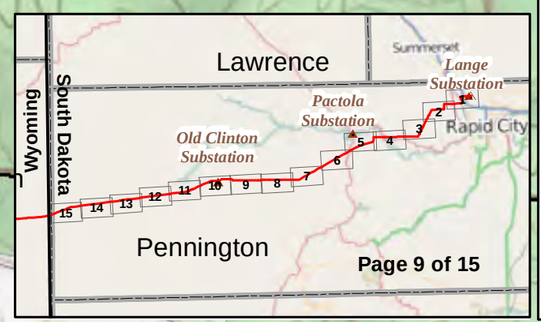
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Figure 4 - Surface Water
230 kV Transmission Project

Attachment 13

BHP-SD-EL14-061-000618

Green Park Spring
Haystack Spring #2
Haystack Spring #1
Bottleneck Spring
Beaver Spring
Slate Creek
Proposed Centerline
BASE
BHNF
Pvt
T1NR3E
T1NR4E
T1SR3E
T1SR4E
25
26
30
29
35
36
31
32
1
2
6
5782
5809
5811
5807
5800
5808
5844
5600
BM



Page 9 of 15

Legend

ARSD 20:10:22:15 (1)

Project Components
- Substation
- Proposed Centerline

Hydrography
- Perennial Stream
- Intermittent Stream
- Ephemeral Stream
- Springs
- Flow Direction
- Wetlands

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000
Feet

Print Date: 9/5/2014

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Figure 4 - Surface Water
230 kV Transmission Project

Attachment 13

BHP-SD-EL14-061-000619

Dutchman Spring

Dutchman Creek

Old Clinton Sub

Slate Prairie Ch

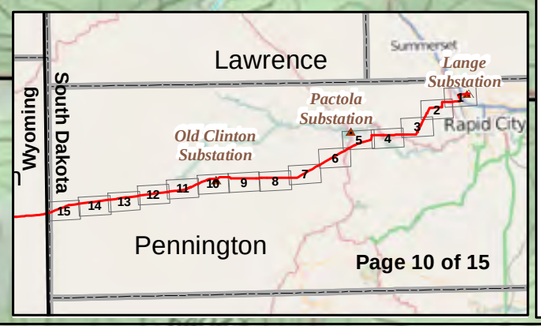
FOREST BOUNDARY

BHNF

T1NR3E

T1SR3E

Pvt



Legend

ARSD 20:10:22:15 (1)

Project Components
- Substation
- Proposed Centerline

Hydrography
- Perennial Stream
- Intermittent Stream
- Ephemeral Stream
- Springs
- Flow Direction
- Wetlands

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000
Feet

Print Date: 9/5/2014

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Figure 4 - Surface Water
230 kV Transmission Project

Attachment 13

BHP-SD-EL14-061-000820

BHNF
BHNF
BHNF
BHNF
BHNF
Pvt
Pvt
Pvt
T1NR2E
T1NR3E
T1SR2E
T1SR3E
South Fork Castle Creek
Gold Run
Gold Run Spring
Hobart Spring #1
Hoar Ranch
Hat Mountain
BASE LINE
30
29
28
31
32
33
36
1
6
12

Lawrence
Summerset
Lange Substation
Pactola Substation
Old Clinton Substation
Rapid City
Wyoming
South Dakota
Pennington
Page 11 of 15

Legend

ARSD 20:10:22:15 (1)

Project Components
- Substation
- Proposed Centerline

Hydrography
- Perennial Stream
- Intermittent Stream
- Ephemeral Stream
- Springs
- Flow Direction
- Wetlands

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000
Feet

Print Date: 9/5/2014

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Figure 4 - Surface Water
230 kV Transmission Project

Attachment 13

BHP-SD-EL14-061-000621

T1NR2E

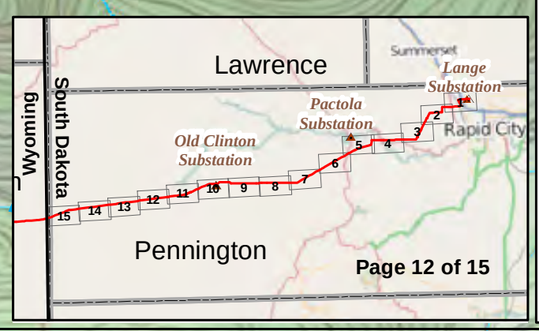
T1SR2E

Proposed Centerline

South Fork Castle Creek

BHNF

Pvt



Legend

ARSD 20:10:22:15 (1)

Project Components
- Substation
- Proposed Centerline

Hydrography
- Perennial Stream
- Intermittent Stream
- Ephemeral Stream
- Springs
- Flow Direction
- Wetlands

Administrative Boundaries
- State Boundary
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Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000
Feet

Print Date: 9/5/2014

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Figure 4 - Surface Water
230 kV Transmission Project

Attachment 13

BHP-SD-EL14-061-000622

Redbird Spring
Redbird Spring
Redbird Canyon
North Cigarette Spring
North Cigarette Spring
South Fork Castle Creek
Coulson Hughes Draw
Duck Lake
BHNF
Pvt
T1SR1E
T1SR2E
1
6
5
4
12
7
8
13
18
6729
6789
6742
6810
6700
6800
6600
6705
6641

Lawrence
Summerset
Lange Substation
Pactola Substation
Old Clinton Substation
Rapid City
Wyoming
South Dakota
Pennington
Page 13 of 15

Legend

ARSD 20:10:22:15 (1)

Project Components
- Substation
- Proposed Centerline

Hydrography
- Perennial Stream
- Intermittent Stream
- Ephemeral Stream
- Springs
- Flow Direction
- Wetlands

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000
Feet

Print Date: 9/5/2014

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Figure 4 - Surface Water
230 kV Transmission Project

Attachment 13

BHP-SD-EL14-061-000623

Redbird Draw

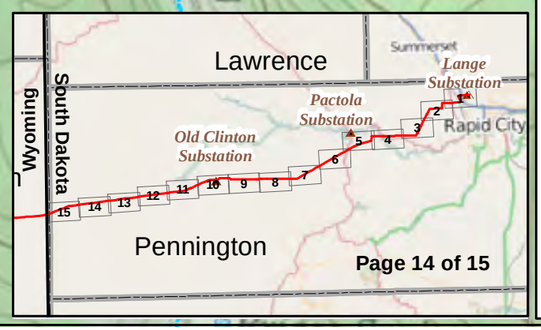
Redbird Draw

Thompson Draw

BHNF

T1SR1E

Pvt



ARSD 20:10:22:15 (1)

Legend

Project Components
- Substation
- Proposed Centerline

Hydrography
- Perennial Stream
- Intermittent Stream
- Ephemeral Stream
- Springs
- Flow Direction
- Wetlands

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

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- Townships
- Sections

Jurisdiction
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- Private

0 1,000 2,000
Feet

Print Date: 9/5/2014

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Figure 4 - Surface Water
230 kV Transmission Project

Attachment 13

BHP-SD-EL14-061-000624

Wyoming

South Dakota

Bear Run

Little Bear Run

Proposed Centerline

POWERLINE

Antelope Draw

State Canyon

Stats Canyon

Canyon

Stots Spring

BHNF

T1S R1E

7

8

9

13

17

6614 T

6626 T

6559 T

6660

6512

6481

6368 T

6487 T

6509 T

6342 T

6482 T

6510 T

6507 T

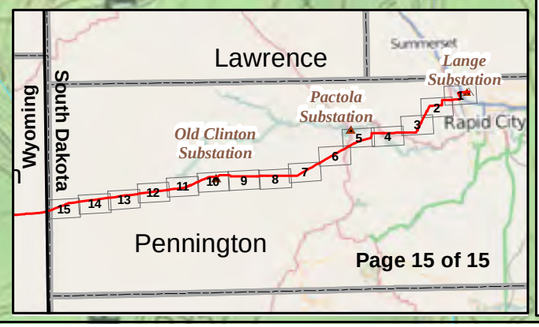
6477

6369 T

6885 T

6187 T

6500



Legend

ARSD 20:10:22:15 (1)

Project Components
- Substation
- Proposed Centerline

Hydrography
- Perennial Stream
- Intermittent Stream
- Ephemeral Stream
- Springs
- Flow Direction
- Wetlands

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000
Feet

Print Date: 9/5/2014

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BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 17, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 14:

Per ARSD 20:10:22:15(2), please provide "…indication on a map drawn to scale of the current planned water uses by communities, agriculture, recreation, fish, and wildlife which may be affected by the location of the proposed facility and a summary of those effects." The maps should be of higher resolution and legible.

Response to SDPUC Request No. 14:

Please refer to Application Appendix C, Section 3.5.2.2.1.1, for a description of surface waters, water quality, and an analysis of potential impacts to those resources. Through the DEIS, it was determined that impacts to surface water hydrology and water quality would be negligible with implementation of design criteria/mitigation and adherence to applicable regulations. As indicated in the Application on page 12, the project will not use any water for construction, operation or maintenance. Therefore, planned water uses were not mapped.

Attachments: None

BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 22, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 15:

On page 20 of the application, the Applicant states, "Fourteen residences are located within 150 feet of the proposed South Dakota route." Please provide a map, with similar resolution provided in ***Q5***, identifying those fourteen residences.

Response to SDPUC Request No. 15:

Attachment 15.1 shows the 14 residences within 150 feet. This number was derived primarily through GIS mapping, and the actual number may vary based on hard survey data as it is developed. At the time the DEIS was prepared, there were approximately 14 residences within 150 feet of the proposed route. Since that time, minor route modifications and alternatives have been developed and the seven residences at Mountain Meadows will be avoided. Furthermore, the 7 residences within 150 feet at the HWY 44 crossing lie in a deep valley which would be spanned. The proposed conductor in this area would vary between 50 and 130 feet above those residences.

Attachments: 15.1 - Residences within 150 ft
15.2 – hwy44_plan
15.3 – hwy44_profile

Residential Structures within 150 feet of Proposed Centerline

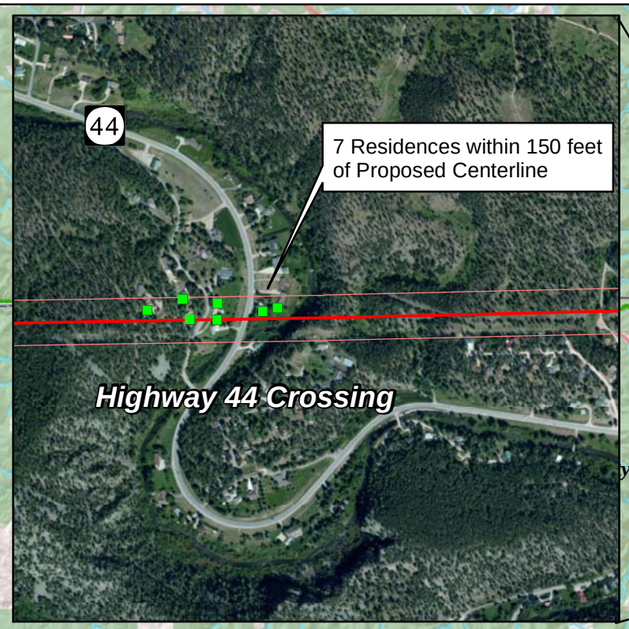
230 kV Transmission Project

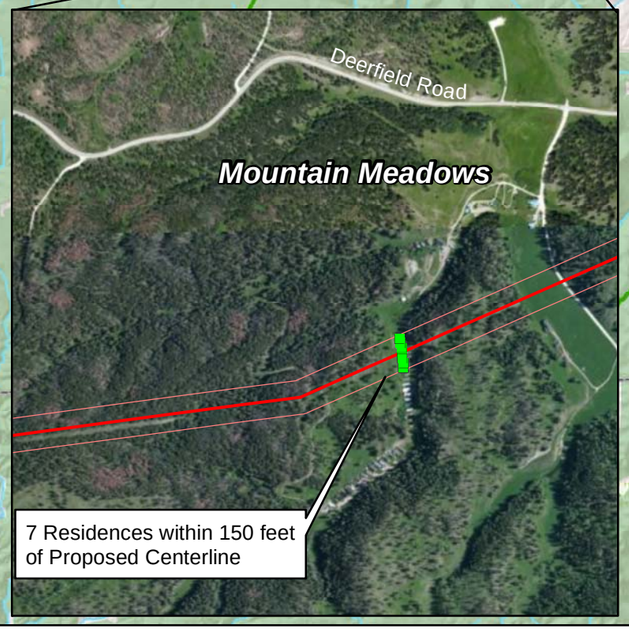
Black Hills Power — Improving life with energy

POWER ENGINEERS

Attachment 15.1

BHP-SD-EL14-061-000625





Lawrence County
Pennington County
Meade County
WYOMING
SOUTH DAKOTA
Black Hills National Forest
Hell Canyon District
Black Hills National Forest
Mystic District
Nemo
Blackhawk
Lange Substation
Box Elder
Rapid City
Pactola Reservoir
Pactola Substation
Deerfield Lake
Old Clinton Substation
Sheridan Lake
Colonial Pine Hills
Rockerville
Hill City
Keystone
Mt Rushmore National Memorial
Highway 44 Crossing Inset
Mountain Meadows Inset
16
79
385

Legend

Project Components
- Substation
- Proposed Centerline

Transportation
- State Route
- U.S. Highway
- Secondary Road
- Railroad
- Public Airport

Public Facilities
- Populated Place
- Cemeteries

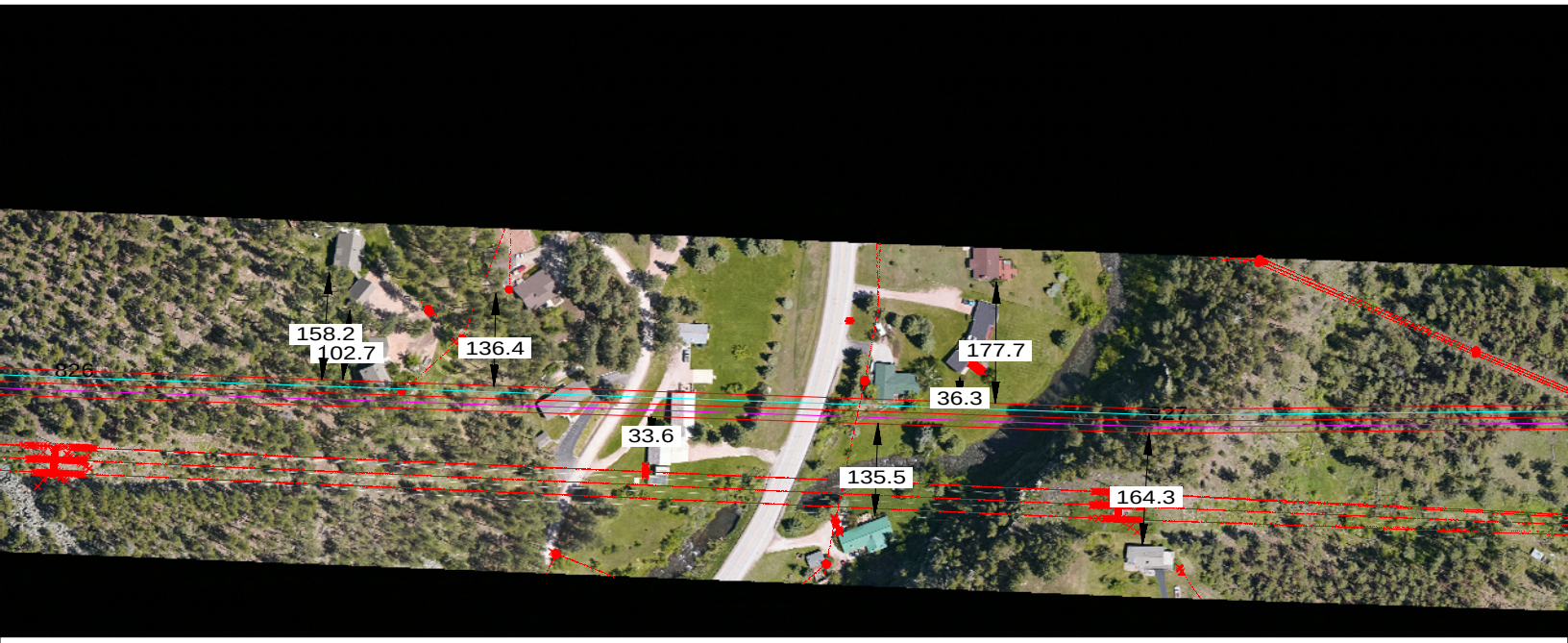
Jurisdiction
- Black Hills National Forest
- Bureau of Land Management
- State
- National Memorial

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

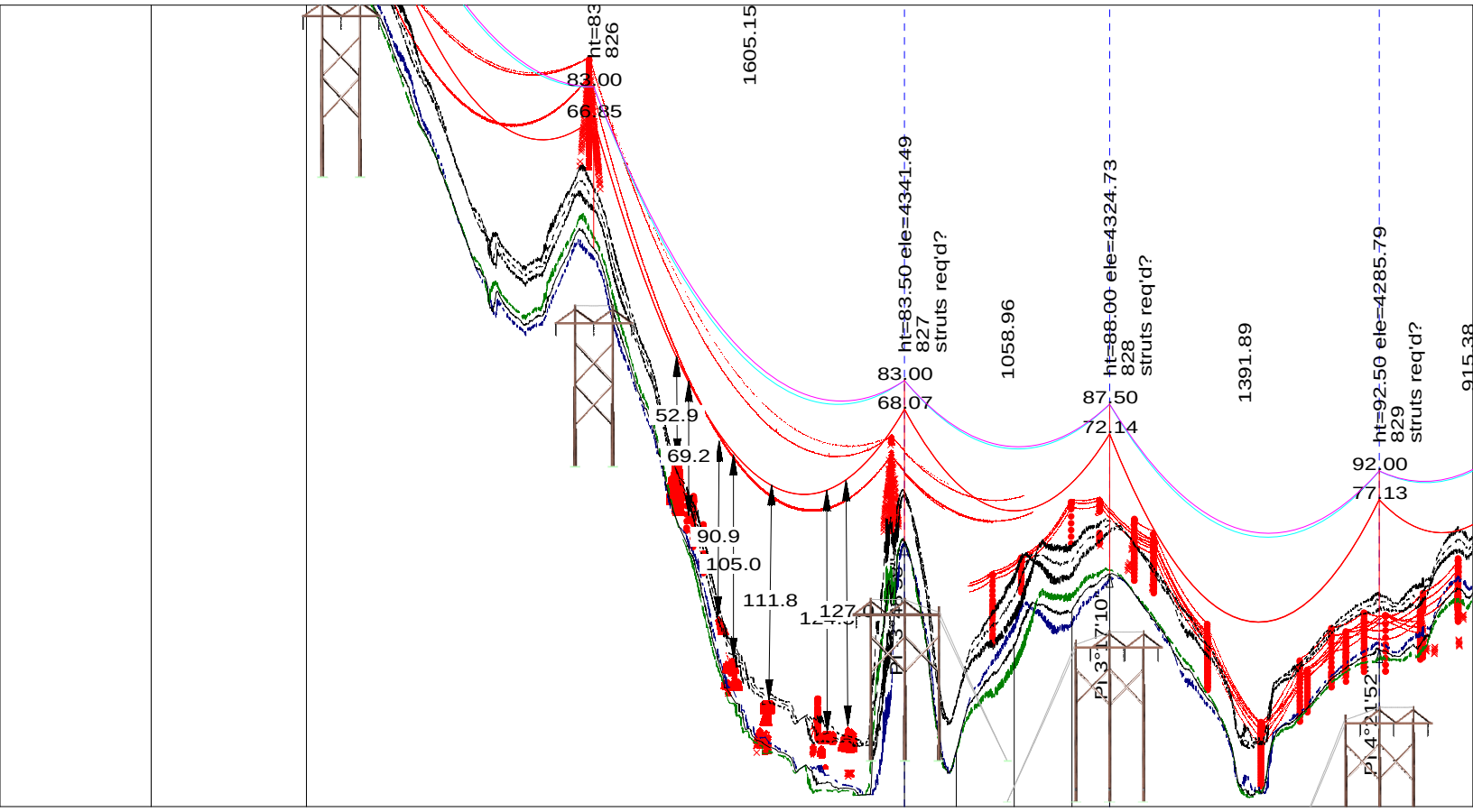
0 2.5 5 10 15
Miles

Print Date: 9/9/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Residences within 150 ft.mxd


158.2
102.7
136.4
826
177.7
36.3
33.6
135.5
164.3

Attachment 15.3



BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 17, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 16:

On page 20 of the application, the Applicant states, "Construction may interfere with activities at the Big Bend Presbyterian Church." Please provide additional detail as to how and when the church might be impacted and what the Applicant intends to do to mitigate such impact.

Response to SDPUC Request No. 16:

Application Appendix C, Section 3.1.2.2.1.1.1, addresses the potential impacts to the Big Bend Presbyterian Church. Black Hills Power will coordinate with the Church prior to construction in the area to reduce or eliminate potential impacts during construction.

Attachments: None

BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 22, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 17:

On page 21 of the application, the Applicant discusses potential impacts to recreational residences on public land. Please provide a map, with similar resolution provided in ***Q5***, identifying those residences.

Response to SDPUC Request No. 17:

One of the early alternatives came close to several recreational residences on the Black Hills National Forest. That route is no longer under consideration.

Please see Attachment 17 for the recreational residences near the current proposed route. On page 2, section 11, there is one recreational residence approximately one half mile from the proposed route. On page 1, section 5, there are other recreational residences approximately one quarter mile from the proposed route. These residences will not be impacted by the proposed route.

Attachments: 17 – Recreational Residences

Figure 6 - Recreation Residences on Public Land

230 kV Transmission Project

Attachment 17

BHP-SD-EL14-061-000628

Proposed Centerline

T1NR6E

Lawrence

Summerset

Lange Substation

Pactola Substation

Old Clinton Substation

Rapid City

South Dakota

Wyoming

Pennington

Page 1 of 2

Legend

ARSD 20:10:22:18

Project Components
- Substation
- Proposed Centerline

Transportation
- Major Road
- Private Road
- Minor Road
- Road - Closed to Public
- Unclassified Road
- Railroad
- Airports

Homes
- Residential Structures
- Recreational Residences on Public Land

Surface Water
- Lakes
- Streams

Recreation Sites
- Administrative Site
- Boating
- Campground
- District Office
- Fishing
- Forest Office
- Interpretive Site
- Lookout
- Observation Site
- Picnic Site
- Special Use Area
- Swimming Site
- Trailhead

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000 Feet

Print Date: 9/12/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 6 - Recreation Residences.mxd

Figure 6 - Recreation Residences on Public Land

230 kV Transmission Project

Attachment 17

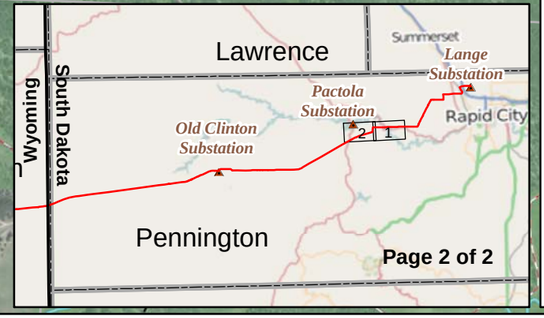
Pactola Substation

Pactola Reservoir

T1NR5E

T1NR6E

BHP-SD-EL14-061-000629



Legend

ARSD 20:10:22:18

Project Components
- Substation
- Proposed Centerline

Transportation
- Major Road
- Private Road
- Minor Road
- Road - Closed to Public
- Unclassified Road
- Railroad
- Airports

Homes
- Residential Structures
- Recreational Residences on Public Land

Surface Water
- Lakes
- Streams

Recreation Sites
- Administrative Site
- Boating
- Campground
- District Office
- Fishing
- Forest Office
- Interpretive Site
- Lookout
- Observation Site
- Picnic Site
- Special Use Area
- Swimming Site
- Trailhead

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

Jurisdiction
- Black Hills National Forest
- Private

0 1,000 2,000 Feet

Print Date: 9/12/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 6 - Recreation Residences.mxd

BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 22, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 18:

In providing a response to a higher resolution Figure 8 per ***Q5***, if any land uses required in ARSD 20:10:22:18(1) are not shown in the map because they don't exist within the project area, please provide a statement as such. Further, please ensure that any maps filed to meet the requirements of ARSD 20:10:22:18(1) are legible and follow the classification system set forth in the rule.

Response to SDPUC Request No. 18:

Please see Attachment 18 for land use information along with additional notations of each item listed below:

(a) Land used primarily for row and nonrow crops in rotation - None known.
(b) Irrigated lands - None known.
(c) Pasturelands and rangelands - None known.
(d) Haylands - None known.
(e) Undisturbed native grasslands - None known.
(f) Existing and potential extractive nonrenewable resources - Known mining parcels are mapped.
(g) Other major industries -The mining parcels are mapped. There are no other major industries known.
(h) Rural residences and farmsteads, family farms, and ranches - Rural residences are mapped. It is not known if any of them are associated with farmsteads, family farms or ranches.
(i) Residential - Residences are mapped.
(j) Public, commercial, and institutional use - Public use areas and mining parcels are mapped. It is not known if other commercial or industrial uses occur.
(k) Municipal water supply and water sources for organized rural water systems - The project would have negligible if any impact to municipal water supply or water sources for organized rural water systems. The project will not use water. None mapped.
(l) Noise sensitive land uses - Noise sensitive land uses could include the following: residential uses, hospitals, nursing facilities, intermediate care facilities, child educational facilities, libraries, museums, and child care facilities. Residences are mapped. Based on publicly available information, hospitals, nursing facilities, intermediate care facilities, child educational facilities, libraries, museums, and child care facilities are not known to occur.

Attachments: 18 – Existing Land Use

Figure 8 - Existing Land Use
230 kV Transmission Project

Attachment 18

BHP-SD-EL14-061-000630

Lange Substation

Lange Substation

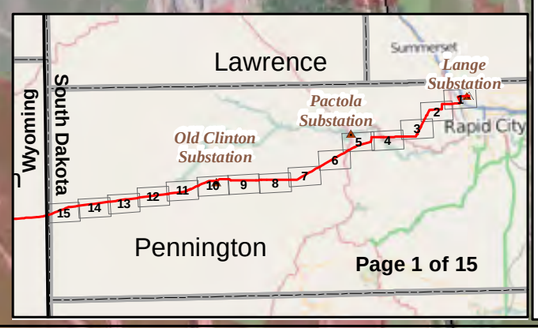
T2NR7E

Mining

Mining

Mining

Proposed Centerline



Legend

ARSD 20:10:22:18 (1)

Project Components
- Substation
- Proposed Centerline

Transportation
- Major Road
- Private Road
- Minor Road
- Road - Closed to Public
- Unclassified Road
- Railroad
- Airports

Homes
- Residential Structures

Surface Water
- Lakes
- Streams

Mining
- Mining Parcels

Recreation Sites
- Administrative Site
- Boating
- Campground
- District Office
- Fishing
- Forest Office
- Interpretive Site
- Lookout
- Observation Site
- Picnic Site
- Special Use Area
- Swimming Site
- Trailhead

Landfire Vegetation Classes
- Agricultural
- Conifer
- Developed
- Exotic Herbaceous
- Grassland
- Non-vegetated
- Riparian
- Shrubland
- Sparsely Vegetated

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

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Feet

Print Date: 9/5/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 8 - Existing Land Use mapbook.mxd

Figure 8 - Existing Land Use
230 kV Transmission Project

Attachment 18

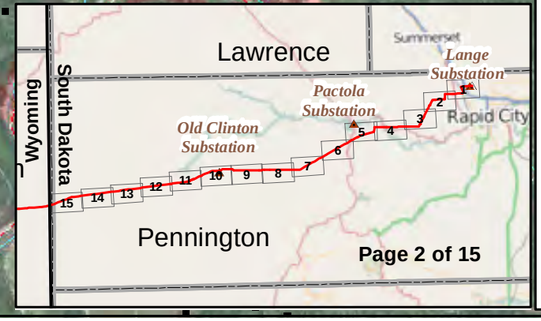
BHP-SD-EL14-061-000231

Proposed Centerline

T2NR6E

T2NR7E

Mining



Legend

ARSD 20:10:22:18 (1)

Project Components
- Substation
- Proposed Centerline

Transportation
- Major Road
- Private Road
- Minor Road
- Road - Closed to Public
- Unclassified Road
- Railroad
- Airports

Homes
- Residential Structures

Surface Water
- Lakes
- Streams

Mining
- Mining Parcels

Recreation Sites
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- Campground
- District Office
- Fishing
- Forest Office
- Interpretive Site
- Lookout
- Observation Site
- Picnic Site
- Special Use Area
- Swimming Site
- Trailhead

Landfire Vegetation Classes
- Agricultural
- Conifer
- Developed
- Exotic Herbaceous
- Grassland
- Non-vegetated
- Riparian
- Shrubland
- Sparsely Vegetated

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

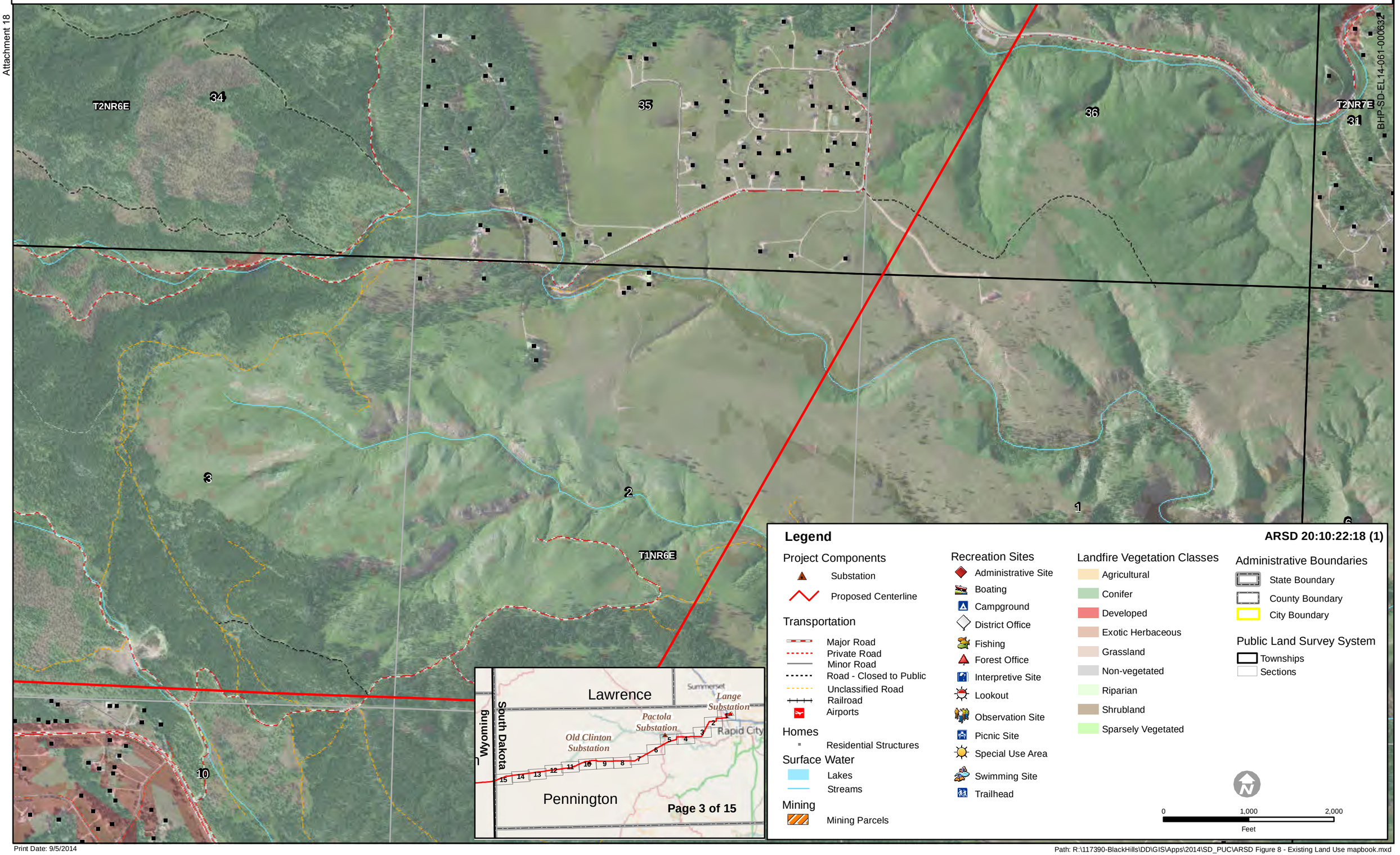
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Attachment 18

Figure 8 - Existing Land Use
230 kV Transmission Project



Legend

ARSD 20:10:22:18 (1)

Project Components
- Substation
- Proposed Centerline

Transportation
- Major Road
- Private Road
- Minor Road
- Road - Closed to Public
- Unclassified Road
- Railroad
- Airports

Homes
- Residential Structures

Surface Water
- Lakes
- Streams

Mining
- Mining Parcels

Recreation Sites
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- Campground
- District Office
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- Observation Site
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- Special Use Area
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Landfire Vegetation Classes
- Agricultural
- Conifer
- Developed
- Exotic Herbaceous
- Grassland
- Non-vegetated
- Riparian
- Shrubland
- Sparsely Vegetated

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

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Feet

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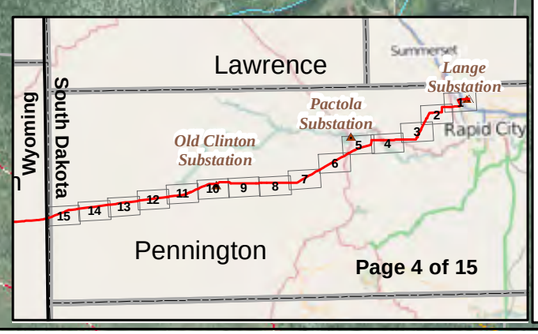
Figure 8 - Existing Land Use
230 kV Transmission Project

Attachment 18

BHP-SD-EL14-061-000633

Proposed Centerline

T1NR6E



Legend

ARSD 20:10:22:18 (1)

Project Components
- Substation
- Proposed Centerline

Transportation
- Major Road
- Private Road
- Minor Road
- Road - Closed to Public
- Unclassified Road
- Railroad
- Airports

Homes
- Residential Structures

Surface Water
- Lakes
- Streams

Mining
- Mining Parcels

Recreation Sites
- Administrative Site
- Boating
- Campground
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- Trailhead

Landfire Vegetation Classes
- Agricultural
- Conifer
- Developed
- Exotic Herbaceous
- Grassland
- Non-vegetated
- Riparian
- Shrubland
- Sparsely Vegetated

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

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Attachment 18

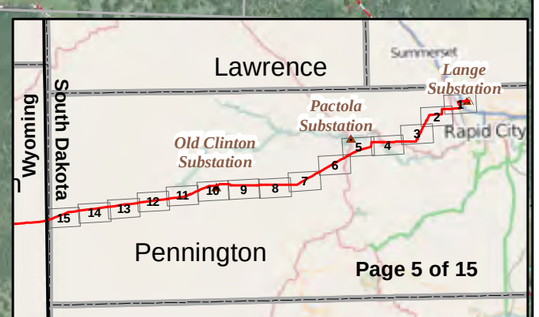
Figure 8 - Existing Land Use
230 kV Transmission Project

BHP-SD-EL14-061-000634

Pactola Substation

T1NR5E

T1NR6E



Legend

ARSD 20:10:22:18 (1)

Project Components
- Substation
- Proposed Centerline

Transportation
- Major Road
- Private Road
- Minor Road
- Road - Closed to Public
- Unclassified Road
- Railroad
- Airports

Homes
- Residential Structures

Surface Water
- Lakes
- Streams

Mining
- Mining Parcels

Recreation Sites
- Administrative Site
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- District Office
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- Forest Office
- Interpretive Site
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- Picnic Site
- Special Use Area
- Swimming Site
- Trailhead

Landfire Vegetation Classes
- Agricultural
- Conifer
- Developed
- Exotic Herbaceous
- Grassland
- Non-vegetated
- Riparian
- Shrubland
- Sparsely Vegetated

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

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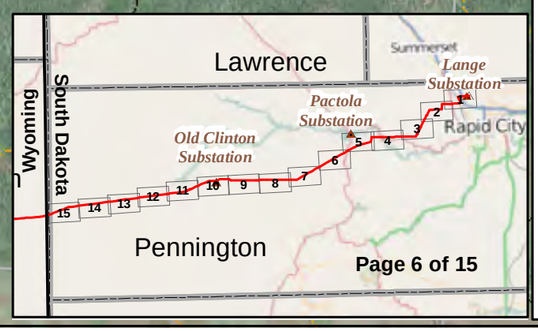
Figure 8 - Existing Land Use
230 kV Transmission Project

Attachment 18

BHP-SD-EL14-061-000635

17 16 15 14 20 21 29 28

T1NR5E



Legend

ARSD 20:10:22:18 (1)

Project Components
- Substation
- Proposed Centerline

Transportation
- Major Road
- Private Road
- Minor Road
- Road - Closed to Public
- Unclassified Road
- Railroad
- Airports

Homes
- Residential Structures

Surface Water
- Lakes
- Streams

Mining
- Mining Parcels

Recreation Sites
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Landfire Vegetation Classes
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Administrative Boundaries
- State Boundary
- County Boundary
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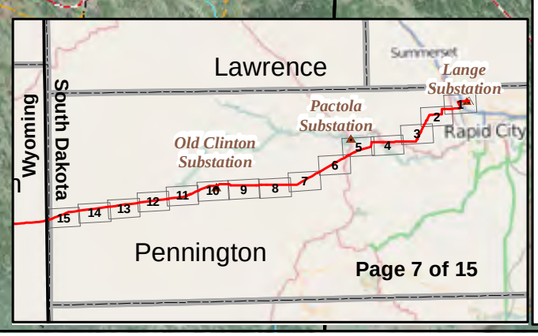
Figure 8 - Existing Land Use
230 kV Transmission Project

Attachment 18

BHP-SD-EL14-061-000636

23 24 19 20 26 25 30 29 35 36

T1NR4E T1NR5E



Legend

ARSD 20:10:22:18 (1)

Project Components
- Substation
- Proposed Centerline

Transportation
- Major Road
- Private Road
- Minor Road
- Road - Closed to Public
- Unclassified Road
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Homes
- Residential Structures

Surface Water
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Administrative Boundaries
- State Boundary
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Public Land Survey System
- Townships
- Sections

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Print Date: 9/5/2014

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Figure 8 - Existing Land Use
230 kV Transmission Project

Attachment 18

BHP-SD-EL14-061-000637

29 28 27 26

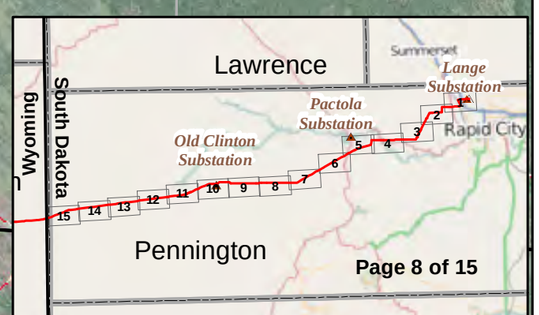
Proposed Centerline

T1NR4E

32 33

5 4

T1SR4E



Legend

ARSD 20:10:22:18 (1)

Project Components
- Substation
- Proposed Centerline

Transportation
- Major Road
- Private Road
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Homes
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Landfire Vegetation Classes
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- Sparsely Vegetated

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

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Feet

Print Date: 9/5/2014

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Attachment 18

Figure 8 - Existing Land Use
230 kV Transmission Project

BHP-SD-EL14-061-000638

26 25 30 29

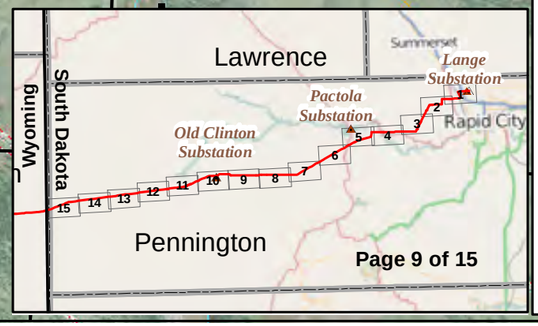
Proposed Centerline

T1NR3E T1NR4E

35 36 31

2 1

T1SR3E



Legend

ARSD 20:10:22:18 (1)

Project Components
- Substation
- Proposed Centerline

Transportation
- Major Road
- Private Road
- Minor Road
- Road - Closed to Public
- Unclassified Road
- Railroad
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Homes
- Residential Structures

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Landfire Vegetation Classes
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Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

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Feet

Print Date: 9/5/2014

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Figure 8 - Existing Land Use
230 kV Transmission Project

Attachment 18

BHP-SD-EL14-061-000639

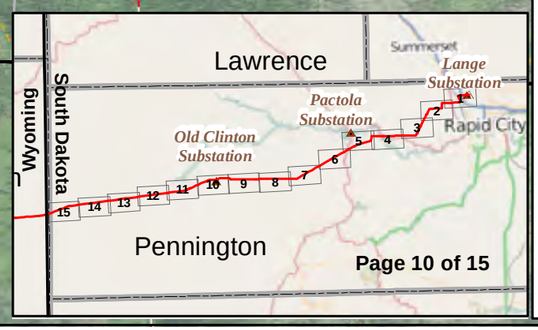
29 28 27 26

Old Clinton Sub

T1NR3E

32 33 34 35

T1SR3E 4



Legend

ARSD 20:10:22:18 (1)

Project Components
- Substation
- Proposed Centerline

Transportation
- Major Road
- Private Road
- Minor Road
- Road - Closed to Public
- Unclassified Road
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- Airports

Homes
- Residential Structures

Surface Water
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- Streams

Mining
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Recreation Sites
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Landfire Vegetation Classes
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Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

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Feet

Print Date: 9/5/2014

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Figure 8 - Existing Land Use
230 kV Transmission Project

Attachment 18

BHP-SD-EL14-061-000040

T1NR2E

T1NR3E

T1SR2E

30

29

28

36

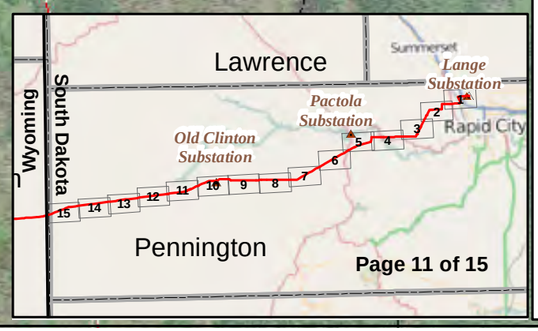
31

32

33

1

12



Legend

ARSD 20:10:22:18 (1)

Project Components
- Substation
- Proposed Centerline

Transportation
- Major Road
- Private Road
- Minor Road
- Road - Closed to Public
- Unclassified Road
- Railroad
- Airports

Homes
- Residential Structures

Surface Water
- Lakes
- Streams

Mining
- Mining Parcels

Recreation Sites
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Landfire Vegetation Classes
- Agricultural
- Conifer
- Developed
- Exotic Herbaceous
- Grassland
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- Riparian
- Shrubland
- Sparsely Vegetated

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

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Feet

Print Date: 9/5/2014

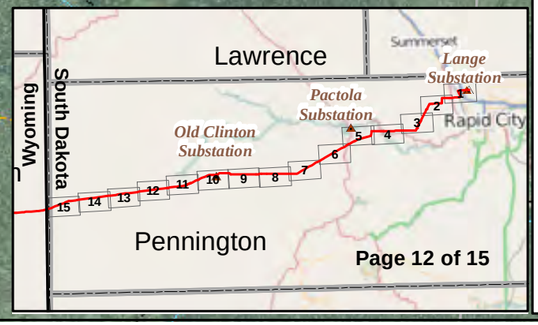
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Attachment 18

Figure 8 - Existing Land Use
230 kV Transmission Project

BHP-SD-EL14-061-000641

T1NR2E
T1SR2E
33
34
35
36
4
3
2
1
9
Proposed Centerline



Legend

ARSD 20:10:22:18 (1)

Project Components
- Substation
- Proposed Centerline

Transportation
- Major Road
- Private Road
- Minor Road
- Road - Closed to Public
- Unclassified Road
- Railroad
- Airports

Homes
- Residential Structures

Surface Water
- Lakes
- Streams

Mining
- Mining Parcels

Recreation Sites
- Administrative Site
- Boating
- Campground
- District Office
- Fishing
- Forest Office
- Interpretive Site
- Lookout
- Observation Site
- Picnic Site
- Special Use Area
- Swimming Site
- Trailhead

Landfire Vegetation Classes
- Agricultural
- Conifer
- Developed
- Exotic Herbaceous
- Grassland
- Non-vegetated
- Riparian
- Shrubland
- Sparsely Vegetated

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

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Feet

Print Date: 9/5/2014

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Attachment 18

Figure 8 - Existing Land Use
230 kV Transmission Project

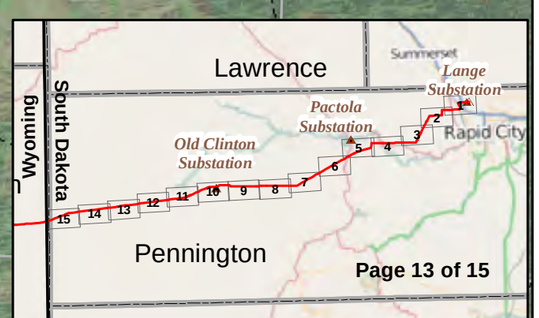
BHP-SD-EL14-061_000642

1 6 5 4

T1SR1E T1SR2E

12 7

13 18



Legend

ARSD 20:10:22:18 (1)

Project Components
- Substation
- Proposed Centerline

Transportation
- Major Road
- Private Road
- Minor Road
- Road - Closed to Public
- Unclassified Road
- Railroad
- Airports

Homes
- Residential Structures

Surface Water
- Lakes
- Streams

Mining
- Mining Parcels

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- Developed
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- Grassland
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- Shrubland
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Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

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Print Date: 9/5/2014

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Figure 8 - Existing Land Use
230 kV Transmission Project

Attachment 18

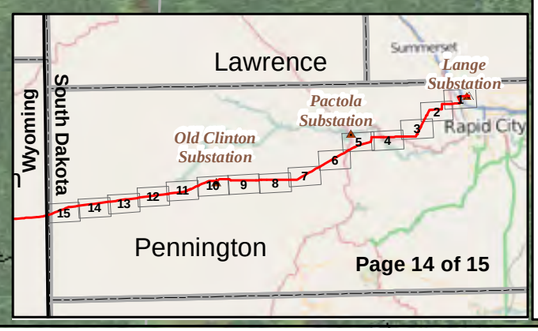
BHP-SD-EL14-061-000643

4 3 2 1

9 10 11 12

16 15

T1SR1E



Legend

ARSD 20:10:22:18 (1)

Project Components
- Substation
- Proposed Centerline

Transportation
- Major Road
- Private Road
- Minor Road
- Road - Closed to Public
- Unclassified Road
- Railroad
- Airports

Homes
- Residential Structures

Surface Water
- Lakes
- Streams

Mining
- Mining Parcels

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Landfire Vegetation Classes
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- Shrubland
- Sparsely Vegetated

Administrative Boundaries
- State Boundary
- County Boundary
- City Boundary

Public Land Survey System
- Townships
- Sections

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Feet

Print Date: 9/5/2014

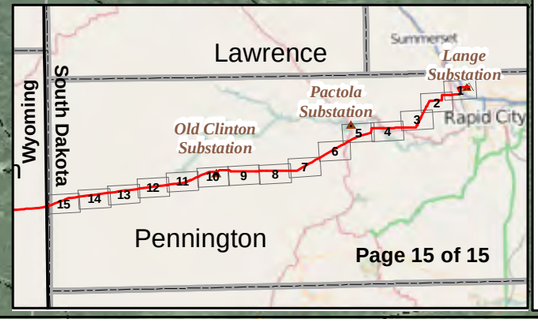
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Attachment 18

Figure 8 - Existing Land Use
230 kV Transmission Project

BHP-SD-EL14-061-000644

Wyoming
South Dakota
Proposed Centerline
7
8
9
18
17
T1SR1E



Legend

ARSD 20:10:22:18 (1)

Project Components
- Substation
- Proposed Centerline

Transportation
- Major Road
- Private Road
- Minor Road
- Road - Closed to Public
- Unclassified Road
- Railroad
- Airports

Homes
- Residential Structures

Surface Water
- Lakes
- Streams

Mining
- Mining Parcels

Recreation Sites
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- Forest Office
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- Observation Site
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Landfire Vegetation Classes
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Administrative Boundaries
- State Boundary
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Public Land Survey System
- Townships
- Sections

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Feet

Print Date: 9/5/2014

Path: R:\117390-BlackHills\DD\GIS\Apps\2014\SD_PUC\ARSD Figure 8 - Existing Land Use mapbook.mxd

BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 17, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 19:

On page 31 of the application, the Applicant explains it will not be able to estimate tax revenues until the assessed value of the proposed ROW and improvements is determined. Please provide an estimate of when the assessed value will be available.

Response to SDPUC Request No. 19:

The Department of Revenue and Regulation assesses the property of all public utilities as of July 5 each year using a unit value methodology. This method assumes all operating assets are working together as an overall unit and results in one unit assessed value for Black Hills Power. Assuming an in-service date for the proposed ROW and improvements of December 31, 2015, the overall assessed unit value for Black Hills Power, as determined by the Property Tax Division of the South Dakota Department of Revenue, should be available by July 5, 2016. This assessed value will include all operating property owned by Black Hills Power as of January 1, 2016, including the proposed ROW and improvements.

If property tax revenues associated with the proposed project are estimated by calculating a 2 year average historical ratio of Black Hills Power's South Dakota property taxes to original cost of the property being assessed, a rough estimate of South Dakota property tax revenues is approximately $140,000 per year beginning with tax year 2016.

Attachments: None

BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 17, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 20:

Please provide supporting evidence for the Applicant's claims that "[t]he proposed Facility is not expected to have significant short or long term impact upon commercial and industrial sectors, housing, land values, labor markets, health facilities, energy, sewage and water, solid waste management facilities, fire protection, law enforcement, recreational facilities, schools, transportation facilities, or other community or governmental services." (Application, Pg. 31).

Response to SDPUC Request No. 20:

Application Appendix C, Section 3.15.2.2, provides an analysis of potential impacts to housing, land value, employment and income, and local services including law enforcement and medical services. Section 3.8.2.2.1, provides an analysis of potential impacts to recreational facilities. Section 3.14.2.2, provides an analysis of potential impacts to transportation facilities. Section 3.16.2.2.1, provides an analysis of potential impacts to solid waste management facilities.

Attachments: None

BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 17, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 21:

Please provide supporting evidence for the Applicant's claim that "The Project will have a negligible effect, if any, on the assessed values of private property and thereby, property taxes." (Application, pg. 31).

Response to SDPUC Request No. 21:

Application Appendix C, Section 3.15.2.2.1.7, provides an analysis of the potential impact to property values and taxes.

Attachments: None

BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 17, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 22:

Per ARSD 20:10:22:23(6), please provide the "… applicant's plans to coordinate with the local and state office of disaster services in the event of a accidental release of contaminants from the proposed facility."

Response to SDPUC Request No. 22:

Application Appendix C, Section 3.16.2.2.1.1, states that Black Hills Power will implement an Environmental Emergency Response Plan and Hazardous Materials Management Plan as well as a Stormwater Pollution Prevention Plan (SWPPP), all of which will contain pertinent national, state, and local contacts and phone numbers in the event of an accidental release of contaminants.

Attachments: None

BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 17, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 23:

Per ARSD 20:10:22:23(7), please provide "[a]n indication of means of ameliorating negative social impact of the facility development."

Response to SDPUC Request No. 23:

Application Appendix C, Section 3.15.2.2, provides an analysis of the potential Social and Economic impacts from the project.

Attachments: None

BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 17, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 24:

On page 37 of the Application, the Applicant details a 100' ROW on public lands and 125' ROW on private lands. Please provide an explanation for the different ROW widths.

Response to SDPUC Request No. 24:

Public lands are less likely to experience development under and near the line. Increased width on private lands helps to reduce encroachments, structures within right of way, and increase clearance to obstructions.

Attachments: None

BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 17, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 25:

Per ARSD 20:10:22:34, please provide a description of plans for stabilization and weed control within the ROW.

Response to SDPUC Request No. 25:

The project will be required to produce and implement a Storm Water Pollution Protection Plan, which will thoroughly address erosion and sediment control as well as stabilization. As discussed in Application Appendix C, Section 3.9.2.2, and in its Appendix B, a Noxious Weed, Reclamation, and Revegetation Plan will also be completed and implemented.

Attachments: None

BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 17, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 26:

Please provide applicant's plans for future cultural resource surveys and how the applicant will communicate with SHPO and Rapid City Archeological Society to ensure cultural resource surveys are adequate to protect South Dakota's resources.

Response to SDPUC Request No. 26:

Black Hills Power has retained Alpine Archaeological Consultants, Inc. to perform the requisite cultural resource surveys. The Black Hills National Forest, as the lead Federal Agency pursuant to 36 CFR § 800.2(a)(2), oversees the steps Black Hills Power must take to comply with Section 106 of the National Historic Preservation Act. These process steps are set forth in a Programmatic Agreement that will be executed by the Department of Agriculture, the U.S. Forest Service, the Department of the Interior, the Bureau of Land Management, the South Dakota State Historic Preservation Officer, the Wyoming State Historic Preservation Officer, the Advisory Council on Historic Preservation, and Black Hills Power. Under the requirements of the Programmatic Agreement, the South Dakota State Historic Preservation Officer has an opportunity to review the results of the cultural resources surveys and any resultant mitigation plans.

Attachments: None

BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 17, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 27:

The Applicant plans to use existing ROW easements from an old transmission line that was decommissioned and removed. Does the language included within the existing easements allow for the construction of a new transmission line within that ROW? Or, does the Applicant need to acquire new easements along that ROW in order to construct the new transmission line?

Response to SDPUC Request No. 27:

The language of the existing ROW easements does allow for re-construction of the line. However, the existing easements are narrower (generally +/- 60') than that which will be required for this project so additional ROW will need to be acquired adjacent to the existing ROW.

Attachments: None

BLACK HILLS POWER, INC.
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 17, 2014

REQUESTING PARTY: SDPUC Staff

SDPUC Request No. 28:

Please provide a list of any known private landowner concerns and the Applicant's plan to address those concerns.

Response to SDPUC Request No. 28:

Black Hills Power has identified several primary areas of concern.

- Sun Ridge Road area: proximity to homes, values, noise, health. Several alternative routes have been analyzed in this location in an effort to alleviate those concerns. While every effort is being made to minimize potential impacts to landowners in this location, it is not possible to completely avoid impacts to private property. Black Hills Power will continue to work with these landowners to define a route that will minimize impacts.
- Highway 44: proximity to homes, values, noise. Line route is north of an existing 69kV line providing buffer to adjacent properties. BHP is looking at single pole structure design for highway crossing. This will narrow profile, and reduce visual foot print of structures.
- Mt. Meadows/Deerfield: proximity to homes, recreation, noise. BHP worked closely with the USFS and has proposed an alternative route to the north that will eliminate crossing near homes and seasonal cabins. This should help alleviate concerns.
- Clinton Area: proximity to homes, values, noise, health. BHP has worked with adjacent landowner to relocate line farther to the north. This should help alleviate concerns.

Attachments: None