

City of Scottsbluff, Nebraska

Monday, November 21, 2022

Regular Meeting

Item Reports1

Council to discuss and consider action on authorizing the Mayor to sign the Nebraska Power Review Board consent and waiver letter regarding the construction of a new 15vK transmission line by Nebraska Public Power District.

Staff Contact: Kevin Spencer & Liz Loutzenhiser, Interim City Man

NEBRASKA POWER REVIEW BOARD

IN THE MATTER OF THE APPLICATION) Application for authority to construct or
 OF, NEBRASKA PUBLIC POWER) acquire an electric transmission line(s)
 DISTRICT) and/or related facilities.
 PO BOX 499)
 COLUMBUS, NE 68602-0499) Application No.: PRB-
)
) Applicant File No.:
)

Nebraska Public Power District applies to the Nebraska Power Review Board for an order authorizing it to construct or acquire an electric transmission line(s) and /or related facilities in Scotts Bluff County, Nebraska, as set forth below.

(1) Description of proposed electric transmission line (s):

Items for Description	Miles	Voltage	Phase
Transmission Line	<u>9</u>	<u>115</u>	<u>3</u>

(2) **Engineering Specification:** Applicant MAY attach to this application, as an exhibit, the following information if known:

A. Type of System (Delta, Wye connected)	<u>Wye Connected</u>
B. Poles (Type, number per mile)	<u>Steel/Wood; 15/mile</u>
C. Conductors (Size and Type)	<u>T2-477 ACSR</u>
D. Insulators (Size and Type)	<u>730B Polymer, 25k & 30k</u>
E. Type of Construction (H-Frame, etc.)	<u>Vertical Single pole</u>

(3) Purpose of construction and description of related facilities: Nebraska Public Power District (NPPD) will construct a total of approximately 9 miles of 115 kV transmission line between the Scottsbluff 115 kV and the Victory Hill 115 kV substations. This new 115 kV transmission line around the west of Scottsbluff provides for a second 115 kV path between these two existing load delivery substations to improve the reliability and resiliency of the Scottsbluff area transmission system. This new transmission interconnection will strengthen the Scottsbluff area transmission system and create a 115 kV ring around Scottsbluff to accommodate the current and projected future loads in this area. This new 115 kV transmission line will also address transmission congestion limited by the existing Scottsbluff – Victory Hill 115 kV Circuit #1 transmission line which will provide for increased transfer capacity to help serve the Nebraska Panhandle region. NPPD has worked extensively with Southwest Power Pool to review the future transmission system needs in the Scottsbluff area and the Scottsbluff – Victory Hill 115 kV Circuit #2 transmission line was identified as the least cost alternative to provide the necessary transmission capacity to meet the requirements of the reliability standards. Southwest Power Pool has issued a Notice To Construct the Scottsbluff – Victory Hill 115 kV Circuit #2 transmission line and the NPPD Board Of Directors has approved NPPD’s commitment to construct this network upgrade. NPPD is requesting approval to construct its line within the corridor area as shown on Exhibit A.

(4) Name, address, and type of customers to be served:
Nebraska Public Power District Wholesale and Retail Customers

City of Scottsbluff

(5) Attached and designated, such as "Exhibit "A"" (if more than one exhibit, number the first "A-1", the second "A-2", etc.), are maps and other related exhibits showing location of proposed transmission lines and related facilities, and any other information deemed necessary or useful in the considerations of this application.

(6) Construction or acquisition of the proposed electric transmission facilities, electric transmission line, and/or related facilities is currently estimated to start on or about 11/01/2024, and to be completed on or about 05/30/2025.

(7) The estimated cost of construction is \$8,720,755.00
Is there any financial contribution by the customer? Yes No X
If there is a financial contribution by the customer, how much was the contribution _____.
Is this contribution included in the estimated construction cost? Yes No

(8) The owners of electric generation facilities, electric transmission lines, and/or related facilities, and any other persons or organizations known to the applicant whom the applicant believes to be interested in the application are:

Roosevelt Public Power District
Western Area Power Administration
City of Scottsbluff

(9) Waivers and consents from the following are attached:

Roosevelt Public Power District
Western Area Power Administration
City of Scottsbluff

(10) Safety Standards. The design of the transmission line(s) as set out in the foregoing conforms to the standards set forth in the most recent edition of the National Electrical Safety Code.

(11) The proposed electric transmission line, and/or related facilities will serve the public convenience and necessity, and the applicant can most economically and feasibly supply the electric service resulting from the proposed construction or acquisition without unnecessary duplication of facilities or operations.

Dated this 4 of November, 2022



Signature of Preparer

By Ronald J. Starzec
Title: Land Management Manager
Address: PO Box 499
Columbus, NE 68602-0499

STATE OF NEBRASKA
NEBRASKA POWER REVIEW BOARD

IN THE MATTER OF THE
APPLICATION OF,
Nebraska Public Power District,
Headquartered in Columbus, Nebraska

CONSENT AND WAIVER

Application No.: PRB- _____

Applicant's File No.: _____

City of Scottsbluff enters its appearance before the Nebraska Power Review Board for the purpose of consenting to the approval, without hearing, of an application by the Nebraska Public Power District of Columbus, Nebraska, to construct or acquire a total of approximately 9 miles of 115 kV transmission line between the Scottsbluff 115 kV and the Victory Hill 115 kV substations. This new 115 kV transmission line will improve the reliability and resiliency of the Scottsbluff area transmission system, reduce congestion and increase the transfer capacity to help serve the Nebraska Panhandle region.

City of Scottsbluff stipulates that the proposed construction or acquisition by the applicant will serve the public convenience and necessity and the applicant can most economically and feasibly supply the electric service resulting from the proposed construction or acquisition without unnecessary duplication of facilities or operations.

City of Scottsbluff waives any and all notice of this matter.

Dated this _____ of November, 2022.

Signature of Authorized Agent

By: _____
Print name of Authorized Agent

Title: _____

Company Name: City of Scottsbluff

Address: 2525 Circle Dr.
Scottsbluff, NE 69361-2495

STATE OF NEBRASKA
NEBRASKA POWER REVIEW BOARD

IN THE MATTER OF THE)
APPLICATION OF,) CONSENT AND WAIVER
Nebraska Public Power District,)
Headquartered in Columbus, Nebraska) Application No.: PRB- _____
)
) Applicant's File No.: _____

Roosevelt Public Power District enters its appearance before the Nebraska Power Review Board for the purpose of consenting to the approval, without hearing, of an application by the Nebraska Public Power District of Columbus, Nebraska, to construct or acquire a total of approximately 9 miles of 115 kV transmission line between the Scottsbluff 115 kV and the Victory Hill 115 kV substations. This new 115 kV transmission line will improve the reliability and resiliency of the Scottsbluff area transmission system, reduce congestion and increase the transfer capacity to help serve the Nebraska Panhandle region.

Roosevelt Public Power District stipulates that the proposed construction or acquisition by the applicant will serve the public convenience and necessity and the applicant can most economically and feasibly supply the electric service resulting from the proposed construction or acquisition without unnecessary duplication of facilities or operations.

Roosevelt Public Power District waives any and all notice of this matter.

Dated this ____ of November, 2022.

Signature of Authorized Agent

By: _____
Print name of Authorized Agent

Title: _____

Company Name: Roosevelt Public Power District

Address: 190038 Yale Ave., PO Box 97
Mitchell, NE 69357-0097

STATE OF NEBRASKA
NEBRASKA POWER REVIEW BOARD

IN THE MATTER OF THE APPLICATION OF, <u>Nebraska Public Power District,</u> <u>Headquartered in Columbus, Nebraska</u> _____	}) CONSENT AND WAIVER) Application No.: PRB-_____) Applicant's File No.: _____
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Western Area Power Administration enters its appearance before the Nebraska Power Review Board for the purpose of consenting to the approval, without hearing, of an application by the Nebraska Public Power District of Columbus, Nebraska, to construct or acquire a total of approximately 9 miles of 115 kV transmission line between the Scottsbluff 115 kV and the Victory Hill 115 kV substations. This new 115 kV transmission line will improve the reliability and resiliency of the Scottsbluff area transmission system, reduce congestion and increase the transfer capacity to help serve the Nebraska Panhandle region.

Western Area Power Administration stipulates that the proposed construction or acquisition by the applicant will serve the public convenience and necessity and the applicant can most economically and feasibly supply the electric service resulting from the proposed construction or acquisition without unnecessary duplication of facilities or operations.

Western Area Power Administration waives any and all notice of this matter.

Dated this ____ of November, 2022.

Signature of Authorized Agent

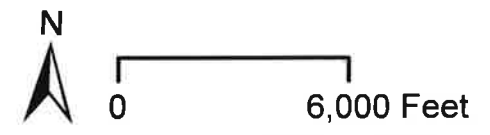
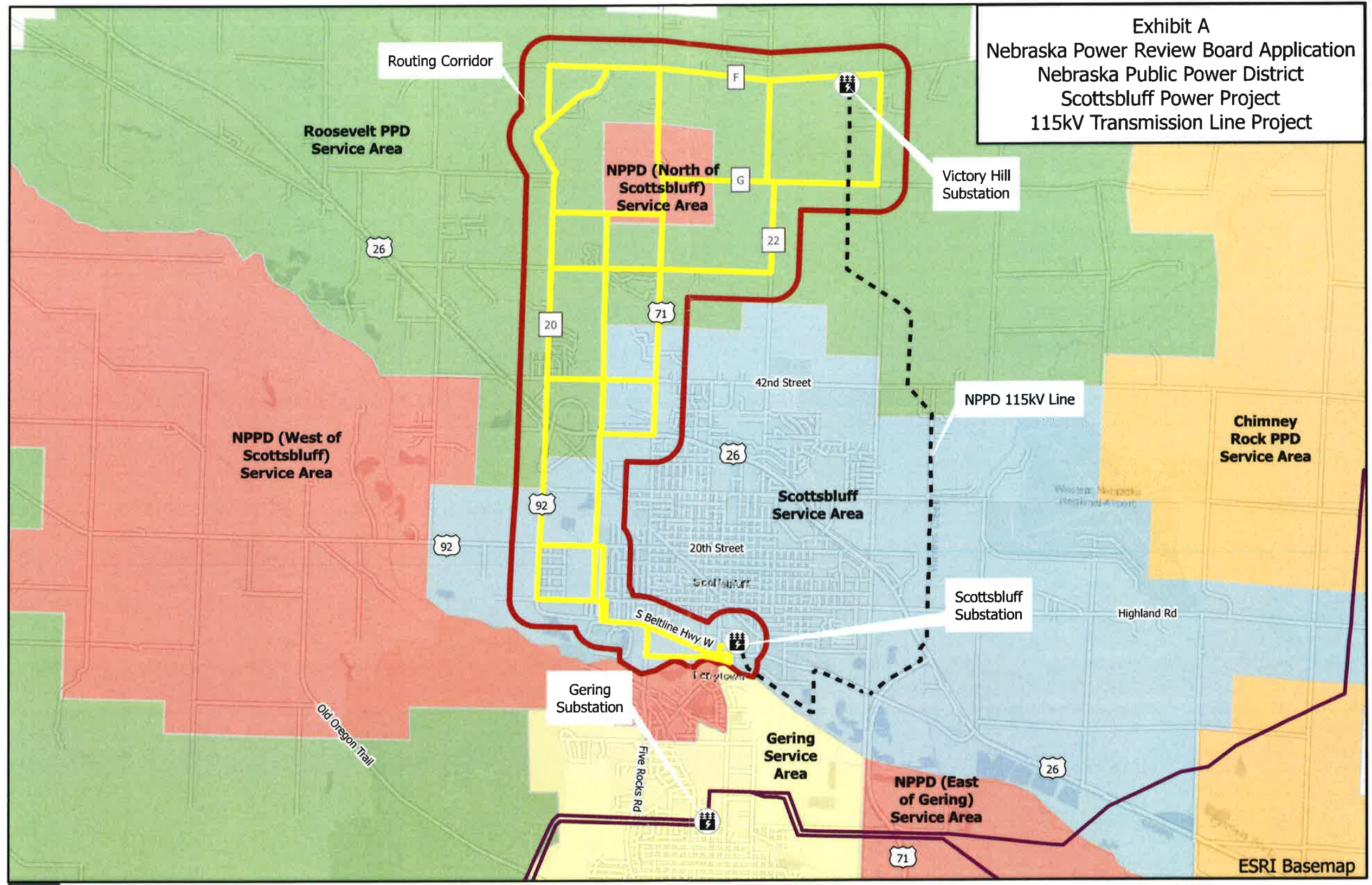
By: _____
Print name of Authorized Agent

Title: _____

Company Name: Western Area Power Administration

Address: 190038 Yale Ave., PO Box 97
Mitchell, NE 69357-0097

Exhibit A
 Nebraska Power Review Board Application
 Nebraska Public Power District
 Scottsbluff Power Project
 115kV Transmission Line Project



- Existing Substation
- Highway
- Alternative Routes
- Existing Transmission
- Roads
- WAPA Line
- Routing Corridor

- Service Areas**
- Chimney Rock PPD Service Area
 - Roosevelt PPD Service Area
 - Gering Service Area
 - NPPD Service Area
 - Scottsbluff Service Area

PATH: Z:\PROJECTS\NPPD\10347894_NPPD_K_N_S_TRANSMISSION\MAP_DOCS\APR\NPPD_ALTERNATIVES\NPPD_ALTERNATIVES.APRX - USER: RWOEHL - DATE: 11/3/2022