

Received  
 State of Nebraska  
 Power Review Board  
 Filed at 9:58am This 25  
 day of August 20 03  
 By: Rebecca Hankins  
 Title: Business Manager

NEBRASKA POWER REVIEW BOARD

IN THE MATTER OF THE APPLICATION ) Application for authority to construct or  
 OF, Howard Greeley Rural Public Power ) acquire an electric transmission line(s)  
 District, 422 Howard Avenue, St. Paul, NE ) and/or related facilities.  
 68873 )  
 ) Application No.: PRB- **4003**  
 )  
 ) Applicant File No.: 21149  
 )

Howard Greeley Rural 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 Hall County, Nebraska, as set forth below.

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

Items for description	Miles	Voltage	Phase
1	<u>2.0</u>	<u>69kV</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)
- B. Poles (Type, number per mile)
- C. Conductors (Size and Type)
- D. Insulators (Size and Type)
- E. Type of Construction (H-Frame, etc.)

(3) Purpose of construction and description of related facilities: Howard Greeley Rural Public Power District and Southern Public Power District, are proposing to upgrade an existing 34.5kV transmission tie line to 69kV. This will provide each utility a backup contingency switching source in this area. Thus providing greater reliability of electric service to the customers in this area.

(4) Name, address, and type of customers to be served:  
The rebuilt transmission line will serve as a tie line between Howard Greeley Rural Public Power District and Southern Public Power District. There are no individual customers that will be served off of this new line. Howard Greeley Rural Public Power District is requesting the construction into the service territory of Southern Public Power District and the City of Grand Island Utilities.

(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 Spring 2024, and to be completed on or about by July 2024.

(7) The estimated cost of construction is \$2,000,000 (For substation and line in both the City of Grand Island and Southern Public Power District's Service Area).

Is there any financial contribution by the customer? Yes  No

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:

Southern Public Power District, 4550 West Husker Highway, Grand Island, NE 68802  
City of Grand Island Utilities, 700 East Bischeld Street, Grand Island, NE 68801

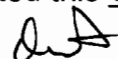
(9) Waivers and consents from the following are attached:

Southern Public Power District  
City of Grand Island Utilities

(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 21<sup>st</sup> Day of August, 2023



\_\_\_\_\_  
Signature of Preparer

By Dirk Dietz

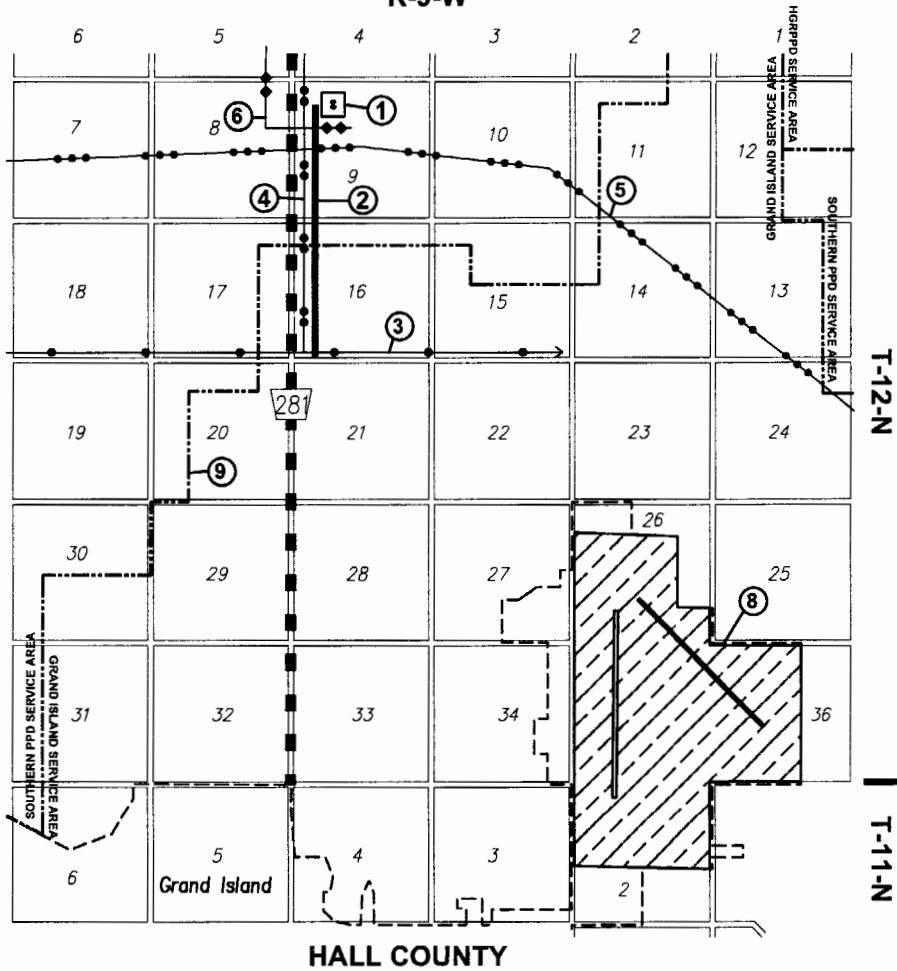
Title General Manager / CEO








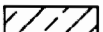

Address 422 Howard Ave.

St. Paul, NE 68872

# PRB-4003

R-9-W



- ①  PROPOSED HOWARD GREELEY RPPD SUBSTATION
- ②  PROPOSED HOWARD GREELEY RPPD 69KV TRANSMISSION LINE (3Ø, 4 WIRE)
- ③  EXISTING SOUTHERN PPD 69KV TRANSMISSION LINE (3Ø, 4 WIRE)
- ④  EXISTING HOWARD GREELEY RPPD 34.5KV TRANSMISSION LINE (3Ø, 3 WIRE)
- ⑤  NEBRASKA PUBLIC POWER DISTRICT 115KV TRANSMISSION LINE
- ⑥  SOUTHERN PPD DISTRIBUTION LINE (1Ø, 2 WIRE)
- ⑦  CITY OF GRAND ISLAND
- ⑧  GRAND ISLAND CENTRAL REGIONAL AIRPORT
- ⑨  SERVICE AREA BOUNDARY

**HOWARD GREELEY RURAL PUBLIC POWER DISTRICT**  
**422 HOWARD AVE, ST. PAUL NE 68873**  
**69KV TIE LINE**  
**EXHIBIT "A-1"**

# PRB-4003

## EXHIBIT A-2

### HOWARD GREELEY RURAL PUBLIC POWER DISTRICT ST. PAUL, NEBRASKA

#### ENGINEERING SPECIFICATIONS:

A. Type of System

69 KV Three-Phase Overhead Transmission Electric Line. This line rebuilds and upgrades an existing transmission tie line in same area connecting to Southern Public Power District's transmission line. Line tie point located near ROW of Highway 281 and E One R Road (Section 21, 12N, 9W).

B. Poles

Southern Yellow Pine – 19-21 per mile.

C. Conductor

Transmission Line Phase – T2-1/0 ACSR  
Overhead Shield Wire – 3/8" High Strength Guy Strand

D. Insulators

<u>Type</u>	<u>Nominal Voltage</u>	<u>Min. Dry Flashover</u>	<u>Material</u>
Horizontal Post	69 KV	217 KV	Polymer

E. Type of Construction

Standard TP-69 RUS (Rural Utility Services) structures.

STATE OF NEBRASKA  
NEBRASKA POWER REVIEW BOARD

IN THE MATTER OF THE )  
APPLICATION OF Howard Greeley Rural)  
Public Power District, 422 Howard)  
Avenue., Box 105 St. Paul NE 68873)

CONSENT AND WAIVER

Application No.: PRB- 4003

Applicant's File No.: 21149

The City of Grand Island enters its appearance before the Nebraska Power Review Board for the purpose of consenting to the approval, without hearing, of an application by the Howard Greeley Rural Public Power District of St. Paul, Nebraska, to construct or acquire approximately 0.75 miles of three-phase, 69kV, transmission line in the City of Grand Island District's Service Area on the West section line of section 16, Township 12N, Range 9W. This line will connect to the transmission line built by Southern Public Power District, completing a new tie line between the two utilities for greater reliability of electric service in the area.

The City of Grand Island 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. The City of Grand Island waives any and all notice of this matter.

Dated this 24 Day of April 2023 .

Ryan Schmitz

Signature of Authorized Agent

By: Ryan Schmitz

Print name of Authorized Agent

Title: Interim Utility Director

Company Name: City of Grand Island Utilities

Address: 700 East Bischeld Street

Grand Island, NE 68801



STATE OF NEBRASKA  
NEBRASKA POWER REVIEW BOARD

IN THE MATTER OF THE  
APPLICATION OF, Howard Greeley  
Rural Public Power District, 422 Howard  
Avenue., Box 105 St. Paul NE 68873

CONSENT AND WAIVER

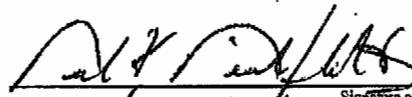
Application No.: PRB- **4003**

Applicant's File No.: 21149

Southern 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 Howard Greeley Rural Public Power District of St. Paul, Nebraska, to construct or acquire approximately 1.25 miles of three-phase, 69kV transmission line in the Southern Public Power District's Service Area on the West section line of sections 16 and 9, Township 12N, Range 9W. This line will connect to the transmission line built by Southern Public Power District, completing a new tie line between the two utilities for greater reliability of electric service in the area.

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

Dated this 16<sup>th</sup> Day of AUGUST 2023.



Signature of Authorized Agent

By: NEAL F. NIEFELDT

Print name of Authorized Agent

Title: PRESIDENT / CEO

Company Name: Southern Public Power District

Address: 4550 West Husker Highway

Grand Island, NE 68802-1687