

Received
 State of Nebraska
 Power Review Board
 Filed at 11:25 This 21
 day of March 2025
 By: Sara Burkitt
 Title: Paralegal

NEBRASKA POWER REVIEW BOARD

IN THE MATTER OF THE APPLICATION) Application for authority to construct or
 OF, City of Central City,) acquire an electric transmission line(s)
1702 31st Street, Central City, NE 68826) and/or related facilities.
)
) Application No.: PRB- **4050**
)
) Applicant File No.:
)

City of Central City 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 Merrick and Hamilton County, Nebraska, as set forth below.

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

Items for description	Miles	Voltage	Owner	Phase
<u>1</u>	<u>2.2Mi</u>	<u>69kV</u>	<u>Central City</u>	<u>3</u>
<u>1A Underbuild</u>	<u>0.4Mi</u>	<u>12.5kV</u>	<u>Southern PPD</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: City of Central City is rebuilding it's transmission line from the NPPD Central City 115 substation along HWY 14 to the north. This will convert the voltage from 34.5kV to 69kV. This Central City's transmission and Southern's distribution underbuilt line crosses through the Southern Public Power District Service Area to get back to their own service territory.

(4) Name, address, and type of customers to be served:

The new transmission line will continue to serve their customers. The entire City of Central City will be served off of this new line in the Southern Public Power District territory. In this particular case, Southern Public Power District will own the underbuilt distribution in this section to serve their customers.

(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 Fall of 2025, and to be completed on or about Winter of 2025.

(7) The estimated cost of construction is \$569,000 (estimated cost is for the 2.2 miles of new construction). The cost of Southern PPD underbuild is estimated at \$43,000 and is included in the above cost.

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 W Husker Highway, Grand Island, NE 68802

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

Southern Public Power District

(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 20 Day of March, 2025

Signature of Preparer

By 

Title City Administrator

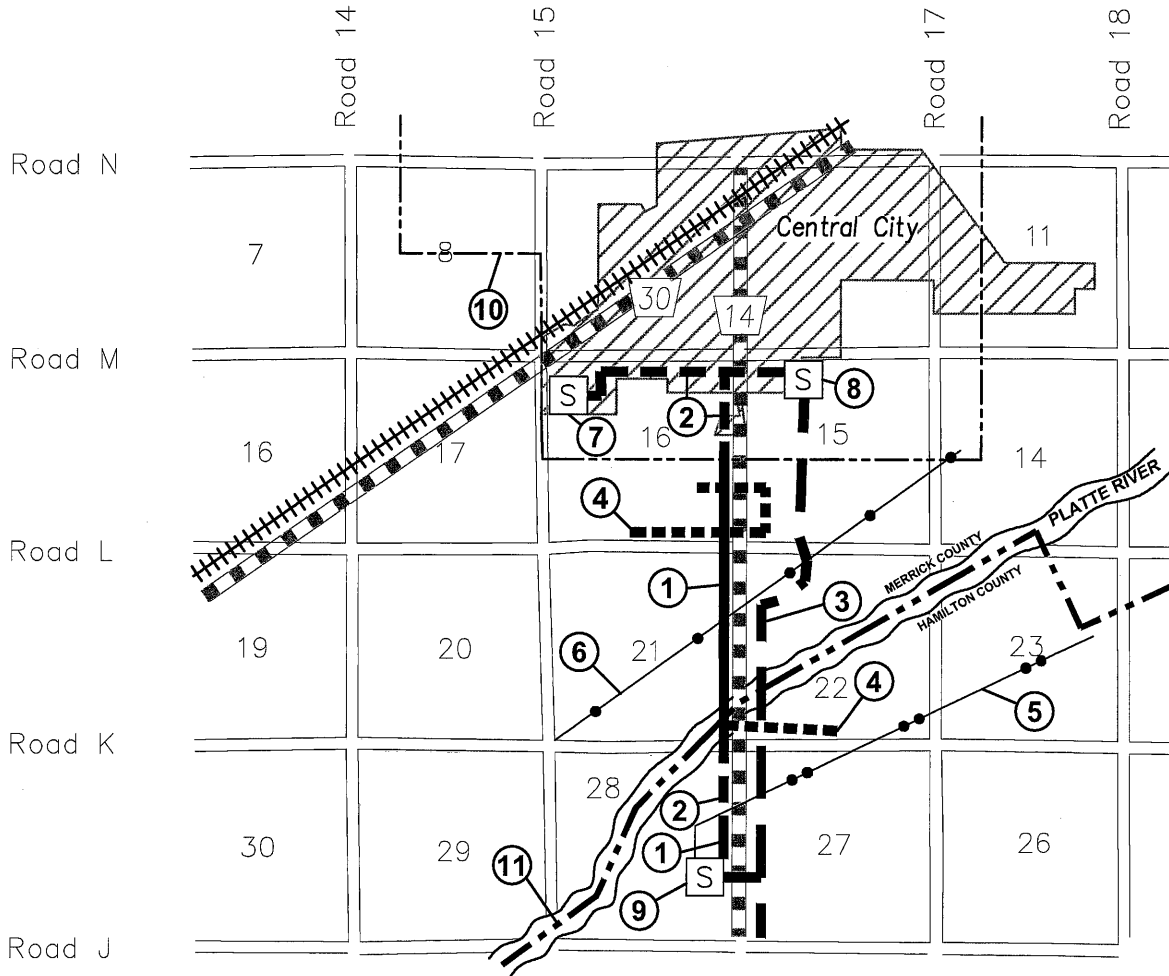
Company Name: City of Central City

Address: 1702 31st Street,

Central City, NE 68826

R-6-W

T-13-N



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|--|--|
| <p>① ——— PROPOSED CITY OF CENTRAL CITY 69kV TRANSMISSION LINE (3Ø, 4 WIRE)</p> <p>② - - - - - PROPOSED CITY OF CENTRAL CITY 69kV TRANSMISSION LINE W/ 12.5kV UNDERBUILD (3Ø, 4 WIRE)</p> <p>③ - - - - - EXISTING SOUTHERN PD TRANSMISSION LINE (3Ø, 4 WIRE)</p> <p>④ ······ EXISTING SOUTHERN PD DISTRIBUTION LINE (3Ø, 4 WIRE)</p> <p>⑤ ———●● EXISTING NPPD 115kV TRANSMISSION LINE</p> | <p>⑥ ———● EXISTING NPPD 230kV TRANSMISSION LINE</p> <p>⑦ [S] PROPOSED CITY OF CENTRAL CITY SUBSTATION</p> <p>⑧ [S] EXISTING CITY OF CENTRAL CITY SUBSTATION</p> <p>⑨ [S] EXISTING NPPD SUBSTATION</p> <p>⑩ - - - - - CENTRAL CITY ELECTRICAL SERVICE BOUNDARY</p> <p>⑪ - · - · - COUNTY LINE</p> |
|--|--|

CITY OF CENTRAL CITY 69kV TRANSMISSION LINE EXHIBIT "A-1"

PRB-4050

PRB-4050

EXHIBIT A-2

CITY OF CENTRAL CITY CENTRAL CITY, NEBRASKA

ENGINEERING SPECIFICATIONS:

A. Type of System

69 KV Operated Three-Phase Overhead Transmission Electric Line in Sections 28, 15N, 6W; 28, 21N, 6W; 16, 15N, 6W. The 69kV line will start in the middle of the east side of 28, 15N, 6W and will go north for approximately 2.6 miles. The 69kV line will have about 2.2 miles in Southern's service territory. This is a rebuild of the existing Central City line.

B. Poles

Southern Yellow Pine – 19-21 per mile.

C. Conductor

Transmission Line Phase – T2-4/0 ACSR
Overhead Shield Wire – 3/8" High Strength Guy Strand
Underbuild – #1/0 ACSR

D. Insulators


<u>Type</u>	<u>Nominal Voltage</u>	<u>Min. Dry Flashover</u>	<u>Material</u>
Horizontal Post	69 KV	217 KV	Polymer
Pin	12.5KV	90KV	Polymer

E. Type of Construction

Standard TP-69 RUS (Rural Utility Services) structures with C9-1F underbuild.

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

Dated this 26 Day of Feb. 2025 .



Signature of Authorized Agent

By: CHAD WALDOW

Print name of Authorized Agent

Title: CEO

Company Name: Southern Public Power District

Address: 4550 W Husker Highway

Grand Island, NE 68802
