

STATE OF NEBRASKA
NEBRASKA POWER REVIEW BOARD

Received
State of Nebraska
Power Review Board
Filed at 8:00am This 23
day of September 20 24
By: Sara Bukett
Title: Paralegal

IN THE MATTER OF THE APPLICATION OF,) Application for authority to construct or
City of Sidney) acquire an electric generation facility (ies)
1115 13th Ave.) and/or related facility (ies).
Sidney, NE 69162)
Sidney Municipal Power Plant) Application No.: PRB- assigned by PRB
)
) Applicant File No.: assigned by applicant

PRB-4039-G

The City of Sidney, Nebraska applies to the Nebraska Power Review Board for an order authorizing it to construct or acquire electric generation facilities and/or related facilities in Cheyenne County, Nebraska, as hereinafter set forth below:

(1) Description of proposed electric generation facilities:

A. Size of Unit: 10 Megaswatts (MW)

B. Location of alternate locations: Not Applicable

C. Type of unit or alternate types: CAT 3516C-HD 2500kW standby, 2250kW prime fuel oil units

D. If nuclear, type of reactor: Not Applicable

E. Have engineering feasibility studies been completed in regard to this facility? Yes No . If so, has a copy of the same been filed with the Nebraska Power Review Board? Yes No

F. Has a consulting engineer for design and construction management been retained?

Cross Canyon Engineering has been hired as the City of Sidney's Owner's Engineer. Their project manager is Tyler Swaney, Cross Canyon Engineering, LLC 111 East 2nd Street Ogallala, NE 69153.

(2) Overall project schedule:

A. Estimated completion date of all engineering studies: 2024

B. Estimated date of commencement of construction: 2024

C. Estimated date the facility will engage in commercial operation: First quarter, 2025

(3) Total Estimated Cost:

A. Total cost of generation station: \$4,087,315.80

B. Total cost of substations and switch yards or any other related facilities, not including transmission lines: \$113,300

C. Total estimated cost: \$4,200,615.80

D. How is the proposed facility to be financed: Electric Department budget and reserve funds

(4) Description of related facilities: The interconnection of the new Generation Facility will require cabling and 1200 amp bus-tie circuit breaker section with appropriate bus differential protection for existing 15kV switchgear in existing substation building located immediately adjacent to the new Generation Facility and located on the same property.

(5) 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

Appendix C:
Revised 2-29-12

believes to be interested in this application are: Western Area Power Administration (WAPA) have been contacted regarding this facility as the existing substation if fed from their 115 kV bus located north of Sidney. Because this is a replacement of existing generation, they did not require the City to go through the "study" process, but we have remained in correspondence with them to ensure that we are installing acceptable material to meet their metering requirements.

(6) Waivers and consents from the following are attached: We remain in contact with the interested party above to maintain compliance with their requirements.

(7) The proposed electric generation facilities 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 constructing or acquisition without unnecessary conflict and duplication.

Dated this 19th day of September 2024



Signature of preparer

By Mike Palmer
Title Electric Consultant for the
City of Sidney
Address 1115 13th Ave.
Sidney, NE 69162