



October 8, 2020

Mr. Mark Stursma
Planning Department
122 East Third Street
Papillion, NE 68046



REFERENCE: OPPD SC South (168th and Fairview)

Dear Mr. Stursma:

The purpose of this letter is to provide a description of the nature and operating characteristics of OPPD's Sarpy County South site located at 168th Street and Fairview Road.

General Overview

OPPDP's mission is to provide affordable, reliable and environmentally sensitive energy services to customers. We also have a goal of net-zero carbon production by 2050. Working toward that goal, OPPDP is moving forward with our "Power with Purpose" project, which includes large-scale solar generation and backup natural gas back up. OPPDP has worked through a rigorous process to determine our Power with Purpose solution and specific facility locations. Our solution will add up to 600 megawatts (MW) of natural gas powered generation peaking facilities at two separate locations and 400-600 MW of utility-scale solar generation in strategic locations across our service territory.

Critical Infrastructure Operations

This Papillion location is critical to delivering our Power with Purpose solution.

OPPDP is required, per the Southwest Power Pool (SPP), to maintain a generating capacity reserve margin of 12% above peak load demand. This ensures a resilient, reliable supply of power in the region. Our units are dispatched by the Southwest Power Pool (SPP) as the balancing authority based on regional and local generation capacity or reliability needs on the grid. These new natural gas generation units are necessary to satisfy OPPDP's accredited capacity obligations and can be called into the SPP market for both economic and reliability reasons. The facility is estimated to operate 5-15% of the time to help provide a resilient and reliable electric system. OPPDP will own and operate the natural gas facility. OPPDP currently has similar facilities in eastern Sarpy County and Cass County and we have decades of experience operating natural gas peaking stations safely in our communities



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The peaking station technology used at the Sarpy County South site will be two simple-cycle Combustion Turbine (CTs) engines with an approximate combined capacity of 400-450 total megawatts (MW). They will be dual fuel and hydrogen capable and will comply with current Papillion sound ordinances. OPPD will enclose the site with fencing and provide landscaping for aesthetics. The facility offers quick start capability and the ability to control variable power output to meet system needs. During normal operation, OPPD anticipates less than 10 employees on site.

Artistic conceptual renderings for the proposed facility, with and without preliminary landscaping, have been attached to our submission for reference. Combustion turbine exhaust stack height has been depicted at 120 feet, with a possible final height range of 100 to 150 feet. Final stack height will be determined through the equipment sourcing and air permitting processes.

The facility, when in service, will require additional infrastructure to support generation efforts in the area. The electricity generated at each facility will contribute to OPPD's generation capacity and will be delivered to customers across our service territory. To facilitate this delivery, infrastructure such as a gas pipeline, transmission lines and substations will be necessary. The main substation to support the generation facility will be co-located with the generation facility.

Environmental Sensitivity

OPPD's mission is to provide affordable, reliable and environmentally sensitive energy services to our customers, so the environmental impacts of our project is a priority. OPPD will comply with applicable laws and regulations for the construction and operation of these plants. During the site evaluation process, potential environmental concerns were reviewed through both desktop analysis and on-site surveys. From these environmental studies, OPPD has taken all appropriate measures to ensure we have limited to no adverse impacts to the wildlife in the project study area.

Planning Process

The Omaha Public Power District (OPPD) appreciates the cooperative relationship we have with the City and the guidance the City has provided on this important project. Therefore, we are voluntarily submitting to and working through aspects of the City's planning process for our proposed natural gas power generation peaking facility as part of our Power with Purpose project. Under Nebraska law, OPPD is not required to follow the City's zoning ordinances and regulations, but we are honoring the

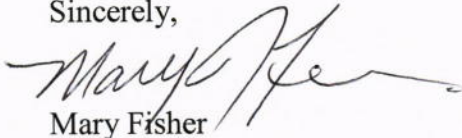


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City's request that we follow this planning process on a voluntary basis. This will not be construed as a precedent or any waiver of OPPD's legal rights.

Please call if you have any questions or concerns regarding this submittal. We welcome any questions or presentations or a tour of one of our current natural gas generating stations for you and your staff. Lastly, OPPD looks forward to working with you throughout this process.

Sincerely,



Mary Fisher
Vice President
Energy Production & Nuclear Decommissioning