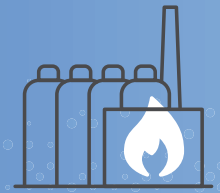
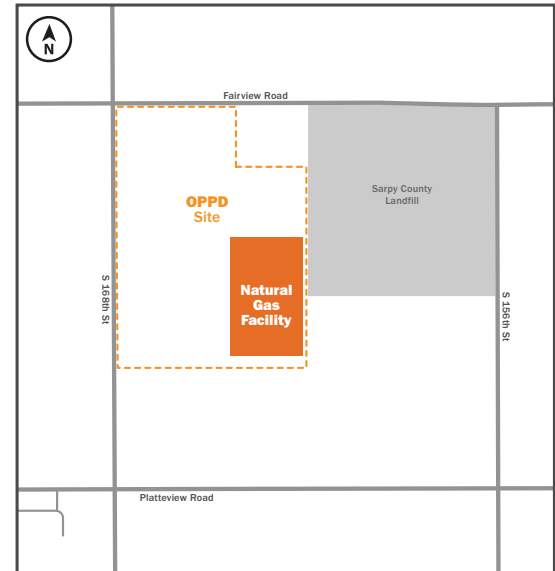


NATURAL GAS SITE

168th & Fairview



Existing project site



Facing east from South 168th Street, an artist's rendering depicts the natural gas generation site located near South 168th Street & Fairview Road.



Power with Purpose

This project is part of OPPD's larger decarbonization study, which will help us understand how we can make progress toward our goal of net-zero carbon production by 2050.

Power with Purpose is OPPD's solar and natural gas project that moves us toward that goal and supports OPPD's unwavering mission to provide affordable, reliable and environmentally sensitive energy services to customers. OPPD is siting and developing up to 600 megawatts of utility-scale solar generation, and up to 600 megawatts of backup natural gas. This will be the largest renewable project of its kind in the Midwest.

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Existing project site

Facing northeast from Platteview Road, an artist's rendering depicts the natural gas generation site located near South 168th Street & Fairview Road. This location would include simple cycle combustion turbine technology for generation, along with a substation for transmission.

Combustion Turbine Technology

A combustion engine converts natural gas into energy to drive a generator, which produces electricity. There are currently five combustion turbine units in Sarpy County, two in Cass County and two in Douglas County.



168th & Fairview Site

The natural gas plant at the South 168th Street & Fairview Road location would include two, simple-cycle combustion turbines and supporting structures for generation, along with a substation for transmission.



Natural Gas Backup

New natural gas facilities will provide greater operating flexibility and enable OPPD to further integrate renewable energy into our portfolio, while maintaining affordability, reliability and resiliency.

Adding this generation will help OPPD meet the growing energy needs of our service territory and will enable OPPD's system to remain resilient. That means OPPD can continue providing energy to our customers even when operations are impacted by a major outage event.

Why Natural Gas?



Accredited capacity



Cost-effective



Supports renewable energy integration



Cleaner energy, efficient fuel



Complements up to 600 MW of planned solar facilities



Important step in our journey to decarbonization

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