



Moody/Underwood

RESOLUTION NO. XXXX

WHEREAS, to achieve its mission to provide affordable, reliable, and environmentally sensitive energy services to its customers, the Omaha Public Power District ("OPPD") needs a reliable and resilient electric power grid, including a mix of generation resources capable of supporting local resource adequacy; and

WHEREAS, OPPD is experiencing historic customer load growth, upwards of approximately 100 megawatts ("MW") per year, with a currently expected increase of 1,050 MW of peak demand growth above its base load forecast for 2032; and

WHEREAS, OPPD must meet increased regulatory requirements for generation capacity reserve margins and proactively plan for anticipated changes; and

WHEREAS, OPPD has the responsibility and obligation to serve its customer-owners; and

WHEREAS, OPPD management has completed and presented to the Board of Directors a comprehensive generation resource planning study based on complex modeling scenarios and, in order to maintain affordable, reliable and environmentally sensitive energy services, recommends approval of the Near Term Generation Resource Plan generally described on Attachment A to this Resolution, consisting of new on-site fuel storage equipment, renewable generation assets and/or purchases, energy storage facilities, and dual fuel-capable electrical generation assets and supporting infrastructure, including fuel conversion related equipment and services, fuel supply, including substation and transmission and distribution infrastructure; and

WHEREAS, the Near Term Generation Resource Plan specifies a cost effective, reliable, resilient resource expansion to serve our community that is consistent with OPPD's Strategic Directive 2 (Rates), 4 (Reliability) and 7 (Environmental Stewardship); and

WHEREAS, OPPD management estimates that with all planned resources in service the renewable generation resources acquired through the Near Term Generation Plan will produce approximately ninety percent (90%) of the total energy generated from the identified facilities; and

WHEREAS, net emissions are projected to continue their decline as OPPD remains committed to its previously announced plan in Resolution 6518 to retire North Omaha Station Units 1, 2, and 3, and refuel Units 4 and 5 from coal to natural gas, with the possible addition of non-emitting energy storage assets at the North Omaha Station; and

WHEREAS, the Board of Directors will continue to use prudent financial decision-making in its review and approval of future corporate operating plans and establishment of rates that are fair, reasonable, and non-discriminatory and will continue to ensure system cost is allocated to customers based upon how they use the system; and

WHEREAS, the Board of Directors finds that the Near Term Generation Resource Plan complies with the strategic directives of the Board of Directors, advances Board Resolution No. 6351 for the planned renewable generation assets, and provides flexibility to procure generation resources needed to meet OPPD's near-term load growth requirements; and

WHEREAS, the Board of Directors finds that, due to extensive and growing lead times required to engineer, procure and construct new generation assets, it is prudent to provide OPPD management with the authority promptly to commence the planning, engineering, procurement and construction processes for the necessary generation resources to enable timely and reliable electric service to all customers now and into the future; and

WHEREAS, the Board of Directors finds that it is prudent to provide OPPD management with greater flexibility to mitigate material financial and operational risks from price volatility, address project feasibility and known construction schedule challenges, manage the long lead time of the Regional Transmission Organization's generation interconnection queue process and potential long-lead time and expensive networked transmission expansion requirements, and adapt to customer load ramp schedules; and

WHEREAS, the District's Engineer has certified that the contracts that will be required for the acquisition of the new on-site fuel storage, renewable generation, energy storage, and dual fuel capable electrical generation equipment and supporting generation, emissions equipment, fuel supply and/or fuel conversion related equipment and services, substation, and transmission and distribution infrastructure to implement OPPD's Plan involve technologically complex and unique equipment with varying designs and operational capabilities coupled with a challenging sourcing environment that will require a competitive negotiated contract process to enable OPPD to obtain optimal pricing and cost efficiencies, optimize integration with other plant systems, and provide appropriate risk mitigation; and

WHEREAS, the District's Engineer has further certified that it is impractical and not in the public interest to utilize the statutory sealed bid process for the Near Term Generation Resource Plan; and

WHEREAS, pursuant to Nebraska Revised Statute Section 70-637 (as amended), and upon approval of the Engineer's Certification by the Board of Directors, the District may negotiate and enter into a contract or contracts related to this infrastructure sourcing strategy without sealed bidding; and

WHEREAS, recognizing the importance of transparent communication and oversight, the Board acknowledges that effective monitoring of and at least quarterly updates on the Near-Term Generation Resource Plan is important for customer visibility and awareness.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Omaha Public Power District that:

1. The Near Term Generation Resource Plan as described on Attachment A hereto is hereby approved; and
2. The System Management and Nuclear Oversight Committee shall, no later than October 31, 2023, leverage the Board's current policy governance framework to establish a process by which the Board will exercise its duty of oversight of the Near Term Generation Resource Plan execution through the identification of key performance indicators and subsequent targets, and monitoring of progress; and
3. This resolution updates Resolution No 6351 and 6422, relating to the acquisition of the renewable assets, and Resolution No 6518, relating to North Omaha Station, and will guide the District's near term resource acquisition strategy; and
4. The Engineer's Certification requesting that the Board authorize management to negotiate and enter into one or more contracts to provide all engineering, procurement, and construction of on-site fuel oil storage assets, substation, transmission and distribution infrastructure, generation assets and facilities, emissions equipment, fuel supply and/or conversion related equipment and services, and other infrastructure, and to negotiate and enter into other necessary contracts to meet the District's anticipated generation resource needs outlined in this resolution through a combination of on-site fuel oil storage, dual fueled generating facilities, energy storage facilities, renewable generation facilities, and/or to acquire capacity and output from renewable generation facilities, without compliance with the sealed bidding provisions of Sections 70-637 to 70-641 of the Nebraska Revised Statutes, is hereby approved, and management is authorized and directed to negotiate and enter into the necessary contract or contracts to implement the Near Term Generation Resource Plan described on Attachment A, subject to review and approval of the final contract(s) by the District's General Counsel; and
5. The notice required by Nebraska Revised Statutes Section 70-637 shall be published in the Omaha World Herald, or other similar newspaper of general circulation.



Attachment A

Near Term Generation Resource Plan

Introduction

Total Anticipated Generation Resources, through 2032: Approximately 2.5 gigawatts ("GW") of new generation construction

The resources listed below are in addition to currently announced projects, including Platteview Solar (81 MW), Turtle Creek Station (450 MW combustion turbines), and Standing Bear Lake Station (150 MW reciprocating internal combustion engines)

Resources (Nameplate or Peak Tested Capacity)	Range of Incremental Additions (MW)
Renewable Generation*	1,000 – 1,500 MW
Energy Storage**	Up to 125 MW
Dual Fuel Combustion Turbines***	600 – 950 MW
Demand Response	Minimum of 32 MW
On-site fuel oil storage for year-round accreditation for approximately 320 megawatts (MW) of existing natural gas-fueled generation assets	Approximately 320 MW

Definitions

*"Renewable Generation" may include any generation assets that do not use coal, natural gas, fuel oil, or nuclear fuel, but are anticipated to be mainly wind and solar energy assets. The Renewable Generation may be owned by OPPD and/or acquired through purchased power agreements. Renewable generation is stated in terms of net facility alternating current output.

** "Energy Storage" refers to equipment, such as utility-scale battery equipment, that captures energy produced at one time for use at a later time. Energy storage is stated in terms of 4-hour duration equivalent. The power rating and duration of individual facilities may vary.

*** Dual Fuel Combustion Turbines are stated in terms of summer max generating capability consistent with testing requirements for accreditation.

Infrastructure Included in Near Term Generation Resource Plan

The resources described in the table above and authorized by this Resolution include all necessary contracts, facilities, infrastructure, assets, equipment, real estate, permits, products, purchases, services and fulfilling all requirements necessary for new on-site fuel storage, renewable generation assets and/or purchases, energy storage, and dual fuel-capable electrical generation assets, emissions equipment, supporting infrastructure, including fuel conversion related equipment and services, fuel supply, substations and transmission and distribution infrastructure.