



Northern Natural Gas Company
P.O. Box 3330
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April 17, 2026

Via eFiling

Ms. Debbie-Anne Reese, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, D.C. 20426

Re: Northern Natural Gas Company
Central Mainline Corridor Expansion
Project Docket No. CP26- 241-000

Dear Ms. Reese:

Northern Natural Gas Company (Northern) hereby submits for filing, pursuant to Section 7 of the Natural Gas Act and Section 157 of the Federal Energy Regulatory Commission's (FERC or Commission), an application requesting authorization to construct, modify, operate and maintain (1) 9.03 miles of 20-inch-diameter Omaha 3rd branch line loop, (2) 14.64 miles of 30-inch-diameter Nebraska Public Power District Princeton Road power station branch line, (3) 2.48 miles extension of the 20-inch-diameter Des Moines C-line, (4) uprate of the 20-inch-diameter Des Moines C-line south loop, (5) new compressor station near Clarion, Iowa, (6) modify five compressor stations in Iowa and Nebraska allowing bidirectional flow, (7) Nebraska Public Power District Princeton Road power station meter station, (8) aboveground facilities including a launcher, receiver, tie-in valve settings and uprate ancillary equipment, with appurtenances all located in various counties in Nebraska and Iowa.

The filing comprises the following:

Application (Public Information)

- This transmittal letter
- Section 7 application
- Federal Register notice
- Exhibits A through P [excluding Exhibit F-1 (environmental report) and Exhibits G and G-II (flow diagrams)]

Volume I – (Public Information)

- Exhibit F-1 Environmental Report - Resource Reports (RR) 1 through 13
- Xcel File of Stakeholder List (Appendix 1B)

Volume II (Privileged)

- Exhibit I (market data – customer agreements)
- RR1 Figures 1-5 (privileged alignment sheets/aerials)
- RR1 Appendix 1C (landowner list)
- RR3 Appendix 3C (certain Habitat Assessment Reports)
- RR3 Appendix 3E (certain Tables)
- RR4 Appendix 4A-1 (Cultural Resources Reports for Iowa)
- RR4 Appendix 4A-2(Cultural Resources Reports for Nebraska)
- Xcel Format of Landowner List (Appendix 1C)

Volume III (Critical Energy Infrastructure Information – CEII)

- Exhibit G (flow diagrams showing daily design capacity)
- Exhibit G-1 and G-II (flow diagrams data)
- RR1 Figure 1-6 (facility plot plans)

Northern is filing this application electronically. Gregg models are being mailed separately on a flash drive.

Volume II, which contains confidential and proprietary information regarding customer agreements, landowner names and addresses, and specific information on the location of cultural resources and T&E species, has been labeled “**CUI//PRIV --- DO NOT RELEASE (PRIVILEGED).**” Volume III provides plot plans and specific operating and engineering details and has been labeled “**CUI//CEII --- DO NOT RELEASE (CRITICAL ENERGY INFRASTRUCTURE INFORMATION).**” Pursuant to 18 CFR section 388.112, Northern requests confidential and privileged treatment of the information contained in Volumes II and III due to the confidential and proprietary nature of the contents.

The person to be contacted regarding the request for privileged and confidential treatment is as follows:

Bret Fritch
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Any questions regarding this filing should be directed to the undersigned at (402) 398-7140.

Respectfully submitted,

/signed/ Bret Fritch

Bret Fritch
Regulatory Specialist

NORTHERN NATURAL GAS COMPANY

**ABBREVIATED APPLICATION REQUESTING A CERTIFICATE
OF PUBLIC CONVENIENCE AND NECESSITY**

Central Mainline Corridor Expansion Projects

Docket No. CP26- -000

Date filed: April 17, 2026

the capacity of Northern's Market Area¹ facilities. Northern also is requesting authorization for a presumption of rolled-in rate treatment of the expansion costs and Commission issuance of an order granting approval for the proposed Project as expeditiously as possible, but no later than March 2027.

In support of this Application and pursuant to the presently effective Regulations under the Natural Gas Act (NGA) and Rules of Practice and Procedure of the Commission, Northern states and shows the following:

I.
GENERAL

The exact legal name of Applicant is Northern Natural Gas Company. Northern is a corporation organized under the laws of the State of Delaware, having its principal office at 1111 South 103rd Street, Omaha, NE 68124-1000.

Northern is a "natural gas company" within the meaning of the NGA and, pursuant to Certificates of Public Convenience and Necessity issued by the Commission, is engaged in the transportation of natural gas in interstate commerce. Northern is authorized to do, and is doing, business in the states of Delaware, Texas, New Mexico, Oklahoma, Kansas, Nebraska, Iowa, Minnesota, Illinois, Michigan, Wisconsin, and South Dakota.

¹ Northern's system is divided into two areas: the Field Area and the Market Area. Northern's Market Area is the geographical area located north of the inlet to Northern's Clifton compressor station in Clay County, Kansas. The Market Area includes pipeline configured in a grid system, with gas flowing into the Market Area facilities from geographically distinct supply basins via a number of third-party interstate pipelines and Northern's own transmission facilities.

II.
CORRESPONDENCE AND COMMUNICATIONS

All correspondence and communications with respect to this application are to be sent to the following:

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*Designated to receive service pursuant to section 385.2010(c) of the Commission's Regulations.

III.
BACKGROUND AND BASIS

The Project is a market-driven expansion designed in response to shipper requests for additional service received during the Central Mainline Corridor Expansion Open Season, which was held March 3, 2025, through April 8, 2025, (CMC Open Season). The purpose of the CMC Open Season was to determine if customers are in need of expanded firm transportation service and to identify the need, if any, to construct facilities necessary to provide for this additional need commencing on or after November 1, 2027, from certain points of interest (POIs)² to delivery points located in Northern's Market Area. In the open season, Northern also provided firm customers currently holding capacity in Northern's

² The receipt POIs listed in the CMC Open Season included NNG Field/Market Demarcation-16B (POI 37654), and Northern Border

Market Area an opportunity to turn back capacity that may be used to reduce construction.

Northern received requests in the CMC Open Season from MidAmerican Energy Company; Black Hills Service Company, LLC; Nebraska Public Power District; and Omaha Public Power District for a total 535,360 dekatherms per day (Dth/day) for incremental annual firm service commencing November 1, 2027. The total volume excludes a realignment of existing winter-only volume in the amount of 3,904 Dth/day. Northern has executed agreements with these customers, including a throughput service agreement, an election form under a long-term contract and precedent agreements, all of which are included in Exhibit I as privileged and confidential information. No turn back capacity requests were received in the open season. The proposed Project facilities will be constructed to meet customer requests from the CMC Open Season.

When placed in service, the proposed facilities will provide for additional winter peak day firm transportation service of approximately 535,360 Dth/day to serve market growth for power generation, residential and commercial customers in Northern's Market Area.

IV. DESCRIPTION OF FACILITIES

Northern is proposing to construct, modify, operate, and maintain the following facilities in various counties in Nebraska and Iowa:

- (1) Install 9.03 miles of 20-inch-diameter Omaha 3rd branch line loop;
- (2) Install 14.64 miles of 30-inch-diameter NPPD Princeton Road power station branch line;
- (3) Extend 2.48 miles extension of the 20-inch-diameter Des Moines C-line;
- (4) Uprate 6.83 miles of the 20-inch-diameter Des Moines C-line south loop
- (5) Install new compressor station near Clarion, Iowa;

- (6) Modifications at Beatrice, Nebraska, compressor station allowing bidirectional flow;
- (7) Modifications at Guthrie Center, Iowa, compressor station allowing bidirectional flow;
- (8) Modifications at Oakland, Iowa, compressor station allowing bidirectional flow;
- (9) Modifications at Ogden, Iowa, compressor station allowing bidirectional flow;
- (10) Modifications at Palmyra, Nebraska, compressor station allowing additional flow to an existing pipeline;
- (11) Install NPPD Princeton Road power station meter station;
- (12) Install aboveground facilities including a launcher, receiver, tie-in valve settings, and uprate ancillary equipment.

Pipelines and Facilities

Omaha 3rd branch line loop

Northern proposes to construct and operate an approximately 9.03-mile new 20-inch-diameter Omaha 3rd branch line loop in Cass and Sarpy counties, Nebraska. The proposed new pipeline will start with a tie-in to an existing aboveground block valve piping on Northern's existing 30-inch-diameter Palmyra to Oakland C-line and belowground on the existing 30-inch-diameter Palmyra to Oakland D-line; both tie-ins will be in Section 21, Township 11 North, Range 11 East (Section 21, T11N, R11E), Cass County, Nebraska. The Omaha 3rd branch line loop will end at Northern's proposed facility that will tie into the existing Northern 16-inch-diameter Omaha 3rd branch line with a hot tap and a new valve setting in Section 16, T12N, R11E, Sarpy County, Nebraska.

Northern will expand its existing Omaha 3rd branch line tie-over regulator to approximately 192 feet by 290 feet and an additional permanent access road that measures 20 feet by 25 feet. There will be a belowground hot tap and a new aboveground launcher, located on the west side of State Highway 50, Section 21, T11N, R11E, Cass County, Nebraska. The existing facility footprint measures 210 feet by 155 feet and existing driveway that is 20 feet wide (0.59 acre). The proposed facility footprint, including the

buffer includes a fenced and graveled area. Northern will plant native grasses and the seeds of butterfly-friendly foliage within an approximate 11-foot buffer between the edge of gravel and property line on the north and west sides of the facility. Northern has an additional one-foot clearance around the fence for safety, totaling a 12-foot buffer around the facility. The new aboveground facility footprint, including the new permanent access road will total approximately 1.31 acres. Northern will utilize the expanded facility footprint and driveways for construction.

Northern plans to install a new pipeline odorizer equipment and tank for the Omaha 3rd branch line loop at the existing Omaha 3rd branch line odorizer facility located on the west side of State Highway 50, Section 21, T11N, R11E, Cass County, Nebraska. The existing facility footprint measures 455 feet by 255 feet and existing driveway that is 50 feet wide (2.48 acre). No expansion of the existing facility boundary is required for the new equipment. Northern will expand the gravel footprint by an additional 0.85 acre within the existing facility for the new equipment. Northern will remove the existing odorizer tank and connect the new and existing odorizer equipment to the new shared odorizer tank. The total facility footprint is 2.48 acres.

Northern plans to construct and operate the Omaha 3rd branch line loop receiver facility, an aboveground regulation facility at the terminus of the proposed Omaha 3rd branch line loop, located on the south side of State Highway 31, Section 16, T12N, R11E, Sarpy County, Nebraska. The new regulation facility will include piping, valves, a receiver, an 18 foot by 18 foot regulator building, 8-inch-diameter relief valve and two 16-inch-diameter regulators from the proposed extension to tie into the 16-inch-diameter Omaha 3rd branch line. The proposed facility footprint, including the buffer, will measure

approximately 278 feet by 160 feet, and include a fenced and graveled area of 225 feet by 128 feet. A new permanent gravel access road measuring approximately 16 feet by 188 feet will be installed to access the site from State Highway 31. The new aboveground facility footprint, including the new permanent driveway, will total approximately 1.04 acres.

To minimize methane venting to the atmosphere during tie-in activities, Northern will utilize temporary compression at the Palmyra compressor station, located off County Road 10, S14, T9N, R9E, Otoe County, Nebraska, to evacuate gas from the Palmyra to Oakland D-line to adjacent pipeline prior to the tie-ins. To further reduce emissions, Northern will utilize flaring once the temporary compression is complete.

The pipeline will be installed within a 100-foot-wide nominal construction corridor; the construction corridor will be reduced to 75-foot-width to avoid impacts in wetlands and waterbodies. In addition to the construction corridor, Northern will utilize ETWS, temporary access roads, existing driveways, and staging areas during construction. Northern is in the process of obtaining new permanent pipeline and facility easements, where required.

NPPD Princeton Road power station branch line

Northern proposes to construct and operate an approximately 14.64-mile new 30-inch-diameter NPPD Princeton Road power station branch line in Gage and Lancaster counties, Nebraska. The proposed pipeline will start at the proposed NPPD Princeton Road power station launcher facility where Northern will install a new belowground section of piping with take-off valves for the Beatrice to Palmyra D-line and Beatrice to Palmyra E-line in Section 24, T6N, R7E, Gage County, Nebraska. The NPPD Princeton Road power station branch line will end at an aboveground receiver location within the proposed unregulated meter station in Section 18, T7N, R6E, Lancaster County, Nebraska.

Northern plans to construct and operate the NPPD Princeton Road power station launcher facility, a new launcher and associated valves and piping at the start of its proposed NPPD Princeton Road power station branch line, located on the north side of State Highway 41, Section 24, T6N, R7E, Gage County, Nebraska. The new aboveground facility will include a launcher, valves and associated piping from the proposed branch line to tie into its existing Beatrice to Palmyra D-line and Beatrice to Palmyra E-line. Northern will utilize an existing agricultural business access road for permanent access to the launcher facility off State Highway 41. Northern will make slight modifications/improvements to the existing access road. A six-foot-high fence topped with barb wire will be installed around the proposed facility. The proposed facility footprint, including the buffer, is irregularly shaped and includes a fenced and graveled area. Northern will plant native grasses and the seeds of butterfly-friendly foliage within an approximate 11-foot buffer between the edge of gravel and property line on the north and east sides of the facility. Northern has an additional one-foot clearance around the fence for safety, totaling a 12-foot buffer around the facility. The new aboveground facility footprint, including the permanent access road will total approximately 1.13 acres.

Northern plans to construct and operate the NPPD Princeton Road power station meter station, an aboveground unregulated meter station at the end of the NPPD Princeton Road power station branch line, located on the west side of SW 42nd Street, Section 18, T7N, R6E, Lancaster County, Nebraska. The new facility will include two ultrasonic meters inside a 10-foot by 16-foot measurement building, 8-foot by 16-foot electronic flow measurement building containing gas chromatograph equipment, associated valves piping, and power and communication equipment. NPPD is developing their property and will

provide Northern with a 300 foot by 125 foot rocked meter station yard. Northern will install a six-foot-high fence topped with barb wire and its equipment inside the prepared site. Northern will also install a receiver inside the facility. Northern will utilize the existing customer's access road. The new aboveground facility footprint including the permanent access road will total approximately 0.89 acre.

To minimize methane venting to the atmosphere during tie-in activities, Northern will utilize temporary compression at its existing Beatrice to Palmyra D-line and Beatrice to Palmyra E-line Block Valve 5 Setting in Section 32, T7N, R8E, Lancaster County, Nebraska, to evacuate gas from the Beatrice to Palmyra D-line and Beatrice to Palmyra E-line prior to the tie-ins. To further reduce emissions, Northern will utilize flaring once the temporary compression is complete.

The pipeline will be installed within a 100-foot-wide nominal construction corridor; the construction corridor will generally be reduced to 75-foot-width to avoid impacts in wetlands and waterbodies. In addition to the construction corridor, Northern will utilize ETWS, temporary access roads, existing driveways, and staging areas during construction. Northern is in the process of obtaining new permanent pipeline and facility easements, where required.

Des Moines C-line Branch Line Extension

Northern proposes to construct and operate a 2.48-mile extension of its 20-inch-diameter Des Moines C-line branch line in Dallas County, Iowa. The proposed extension will start with a below ground tie in (hot tap) inside the existing Des Moines north loop receiver in Section 5, T81N, R26W, Dallas County, Iowa. The Des Moines C-line branch line extension will end at the proposed Des Moines north loop receiver and will be a

belowground tie-in via hot tap in Section 15, T81N, R26W, Dallas County, Iowa.

Northern plans to remove an existing receiver facility at the start of the proposed Des Moines C-line branch line extension, located on the north side of 130th Street, Section 5, T81N, R26W, Dallas County, Iowa. The receiver facility site measures approximately 110 feet by 110 feet. The receiver, tie-in valve setting, tie-over piping, fencing and existing gravel will be removed, and the land will be returned to original grade. Approximately 0.39 acre of facility and permanent access road will be removed.

Northern plans to relocate the receiver and install new valves and piping at the terminus of the proposed Des Moines C-line branch line extension, located on the north side of 150th Street, in Section 15, T81N, R26W, Dallas County, Iowa. The new receiver facility will include piping and valves from the proposed extension to tie into the 16-inch-diameter Des Moines B-line branch line. The proposed facility footprint, including the buffer, will measure approximately 100 feet by 160 feet, and include a fenced and graveled area of 76 feet by 148 feet. A new permanent drive measuring approximately 20 feet wide by 20 feet long will be installed to access the site from 150th Street. The new aboveground facility footprint, including the permanent driveway, will total approximately 0.37 acre.

To minimize methane venting to the atmosphere during tie-in activities, Northern will utilize temporary compression at its existing Odgen compressor station in Section 31, T84N, R27W, Boone County, Iowa, to evacuate the gas from the existing Des Moines C-line branch line. To further reduce emissions, Northern will utilize flaring once the temporary compression is complete.

The pipeline will be installed within a 100-foot-wide nominal construction corridor. In addition to the construction corridor, Northern will utilize ETWS, existing driveways,

temporary access roads, and staging areas during construction. Northern is in the process of obtaining new permanent pipeline and facility easements, where required.

Des Moines C-line South Loop Uprate

Northern proposes to increase the MAOP on an approximate 6.83-mile segment of 20-inch-diameter Des Moines C-line from its current pressure of 800 psig to 1,000 psig between MP 18.55 in Section 6, T80N, R25W, Polk County, Iowa, and MP 25.38 in Section 35, T80N, R25W, Polk County, Iowa.

The MAOP uprate will require three workspace locations: one at Northern's Royal Estates reducing station (existing control valve), one for MAOP regulation at the Grimes, Iowa, TBS, and one at the Des Moines A-line launcher facility (new MAOP regulator).

At the start of the uprate, Northern will complete an aboveground facility modification within its existing Royal Estates reducing station. The site is located on the east side of Highway 17 in Section 6, T80N, R25W, Polk County, Iowa. The facility modifications will consist of disconnecting the control valve from the Des Moines C-line branch line. Northern will install a 10 foot by 8 foot building to protect the electronic measurement equipment from weather. Northern will utilize ETWS that measures 400 feet by 330 feet which totals approximately 1.81 acres.

Northern will complete an aboveground facility modification within the Grimes, Iowa, TBS, located on the north side of NW 102nd Avenue, Polk County, Iowa. The site is located in Section 8, T80N, R25W, Polk County, Iowa. Northern will install an MAOP regulator setting, which will protect the Cambridge B-line branch line and the Cambridge 2nd branch piping with an MAOP of 800 psig from the uprated Des Moines C-line piping with a MAOP of 1,000 psig. The MAOP regulator setting installation will consist of MAOP

regulators, valves, pipe modification and a 20 foot by 10-foot building to protect regulation equipment from weather. Northern will utilize ETWS that measures generally 155 feet by 215 feet which totals 0.66 acre.

At the end of the uprated pipe, Northern will complete an aboveground facility modification within the Des Moines A-line launcher facility, located on the east side of NW 86th Street, in Section 35, T80N, R25W, Polk County, Iowa. Northern will install an MAOP regulator setting, which will protect the downstream Des Moines A-line pipeline with an MAOP of 800 psig from the uprated Des Moines C-line piping with an MAOP of 1,000 psig. The facility modifications will consist of installing control valves and a 23 foot by 17 foot building to protect regulation equipment from the weather. Northern will utilize ETWS that measures approximately 205 feet by 295 feet, which totals approximately 1.68 acres.

Once the three MAOP sites are installed, Northern will recompress gas out of the Des Moines B-line branch line to increase the MAOP on the Des Moines C-line branch line. The temporary compression will be located at Northern's existing Royal Estates reducing station at MP 18.55 to increase pressure at 50-psig increments. During the uprate, Northern will conduct leak surveys, as needed, via pedestrian foot survey.

No expansion of the three facilities is required, and no new pipeline is being installed for the uprate.

Compressor Stations

Clarion compressor station

Northern proposes to construct and operate an ISO-rated 20,500-HP greenfield compressor station in Section 22, T92N, R25W, Wright County, Iowa. The proposed facility

will be adjacent to Northern's existing Ogden to Ventura pipeline valve 7 setting on the north side of 200th Street. The station will be connected to Northern's existing 24-inch-diameter Ogden to Ventura B line, 30-inch-diameter Ogden to Ventura C line and 30-inch-diameter Ogden to Ventura D line via below-grade valve settings. The greenfield compressor will require approximately 10.11 acres of land for construction. The facility will occupy approximately 7.23 acres including the existing Northern property for operational footprint. Northern is in the process of obtaining easements for the new facility. A new 20-foot-wide permanent driveway constructed of gravel will be utilized to access the facility from 200th Street for construction and operation.

The proposed compressor station will include installation of a Solar Titan 130 turbine and appurtenant facilities. Northern also will install valve settings on the existing Ogden to Ventura B line, Ogden to Ventura C line and Ogden to Ventura D line. Compressor station piping headers will be routed to the new compressor station location. The compressor station includes a suction scrubber, station recycle control valve, unit lube oil cooler, unit inlet air filter and exhaust systems, a backup generator, a fuel gas heating skid, a fire/gas detection system, an air compressor and dryer system, station gas cooler, a unit blowdown silencer, a compressor building, an auxiliary building with control room, associated above and below grade piping, valves, and instrumentation. The compressor building will house the turbine package and will contain noise-attenuating panels, insulation, and air intake/exhaust hoods. The control room will house the motor control center and station controls. The buildings will be a maximum of 45 feet in height, and the exhaust stacks will be a maximum of 62 feet in height.

Northern will install a water well and septic system at the facility. A new six-foot tall

fence, topped with three rows of barbed wire, will surround the perimeter of the new compressor station yard. Approximately 120 feet of 24-inch-diameter and 30-inch-diameter pipeline will be removed and replaced during tie-in activities. The air emissions and noise impacts anticipated from the Clarion compressor station are discussed in Resource Report 9.

Beatrice compressor station modifications

Northern will complete aboveground facility modifications within its existing Beatrice compressor station facility. The site is located on the north side of West Locust Road, Section 15, T3N, R6E, Gage County, Nebraska. The facility modifications will allow reverse flow through the station pipeline for bidirectional service to customers. The new bidirectional service includes piping, valves, gas scrubber, clamp-on meter, control valve, and liquids drain tank. All work will be completed within the existing facility, and no expansion of the existing facility boundary is required. There will be no change to the horsepower or air emissions at the facility as a result of the proposed Project.

Oakland compressor station modifications

Northern will complete aboveground facility modifications within its existing Oakland compressor station facility. The site is located on the south side of State Highway 6, Section 11, T75N, R39W, Pottawattamie County, Iowa. The facility modifications will consist of piping and valves for new bidirectional flow through the station. All work will be completed within the existing facility, and no expansion of the existing facility boundary is required. There will be no change to the horsepower or air emissions at the facility as a result of the proposed Project.

Guthrie Center compressor station modifications

Northern will complete aboveground facility modifications within its Guthrie Center

compressor station facility. The site is located on the west side of Dogwood Avenue, Section 16, T79N, R33W, Guthrie County, Iowa. The facility modifications will consist of piping and valves for new bidirectional flow through the station. All work will be completed within the existing facility, and no expansion of the existing facility boundary is required. There will be no change to the horsepower or air emissions at the facility as a result of the proposed Project.

Ogden compressor station modifications

Northern will complete aboveground facility modifications within its existing Ogden compressor station facility. The site is located on the south side of 210th Street, Section 31, T84N, R27W, Boone County, Iowa. The facility modifications will consist of new piping and valves for new bidirectional flow through the station. All work will be completed within the existing facility footprint, and no expansion of the existing facility boundary is required. There will be no change to the horsepower or air emissions at the facility as a result of the proposed Project.

Palmyra compressor station modifications

Northern will complete aboveground facility modifications within its existing Palmyra compressor station facility. The site is located on the west side of Highway 10, Section 14, T9N, R9E, Otoe County, Nebraska. The facility modifications will consist of new piping and valves for new bidirectional flow through the station. All work will be completed within the existing facility footprint, and no expansion of the existing facility boundary is required. There will be no change to the horsepower or air emissions at the facility as a result of the proposed Project.

Miscellaneous

A detailed description of the proposed facilities, construction workspace and abandonment and construction activities are included in Resource Report 1, Exhibit F-1. The location and design of the facilities and workspaces are shown in more detail on U.S. Geological Survey 7.5-minute topographic maps and aerial photo-based alignment sheets and aerial photographs provided in Resource Report 1. Certain of the information provided on the maps and aerial alignment sheets contains sensitive environmental information and/or landowner names. Accordingly, Northern has marked these documents “**CUII//PRIV – DO NOT RELEASE**” (privileged information) and has segregated the documents in Volume II.

Maps depicting the general location of the Project facilities in relationship to Northern’s existing facilities are included at Exhibit F and is attached to this application. Flow diagrams reflecting Northern’s system before and after the proposed pipelines and facility installations are included in Exhibit G in Volume III and labeled “**CUII//CEII – DO NOT RELEASE**” (Critical Energy Infrastructure Information).

Northern will maintain a 50-foot-wide permanent right of way centered over the proposed pipelines. The pipelines will be installed utilizing a 25-foot offset from existing pipelines, where practicable. Resource Report 8, Table 8.1-3, provides a listing of the pipeline segments that will be installed more than 25 feet from existing pipelines for the Project, respectively; the location by mile post, the deviation distance between the existing and proposed pipelines, and an explanation as to why the pipelines have deviated are provided for each project component in the tables.

Additional Ancillary Facilities

In addition to the facilities proposed in this application, 7 TBS facilities will be

modified pursuant to Northern's blanket certificate and the automatic blanket provisions of the Commission's regulations as well as section 2.55(a) of the Commission's regulations for the Project. The total estimated cost of these modifications is \$11,186,855. A description of these facilities can be found in Resource Report 1, Table 1.1-1 and Table 1.1-2. These projects are not contingent on the application. The projects have independent utility and would be required in time to meet customer demand.

V. **COST OF FACILITIES**

The cost to construct the proposed Project facilities is \$187,545,623 as detailed in the attached Exhibit K; a spreadsheet showing Northern's calculation of its allowance for funds used during construction is included.

Exhibit N provides separate analyses of the estimated cost of service and revenues for the proposed Project. Exhibit N shows the incremental revenues exceed the incremental cost of service for the first year (2027) by \$24,177,000; by \$25,470,000 in 2028; by \$36,666,000 in 2029 and \$41,691,000 in 2030. Additionally, stated on a per unit basis as illustrated in Exhibit P, the Project produces a rate reduction to the existing maximum rate customers. Northern is requesting a presumption of rolled-in rate treatment for the expansion costs for the Project. The data set forth in Exhibits N and P demonstrates that cumulative incremental revenues exceed the incremental cost of service and that existing customers will not be subsidizing the proposed project.

VI. **MARKET DATA**

Northern has binding commitments for firm throughput service with four shippers for service commencing November 1, 2027. These commitments total an aggregated

incremental expansion entitlement of 535,360 Dth/day of winter volume and 525,026 Dth/day of summer volume. The total volume excludes a realignment of existing winter-only volume in the amount of 3,904 Dth/day. The 535,360 Dth/day will serve Northern’s customers to support expansion projects proposed for industrial, commercial, and residential needs. Copies of election forms under long-term contracts and precedent agreements are included in Exhibit I. Prior to construction, Northern will have executed throughput agreements to replace the precedent agreements. The following table summarizes the individual shippers and their winter firm entitlement:

Shipper	Peak Winter Dth/day
MidAmerican Energy Company	12,000
Black Hills Service Company, LLC	9,834
Nebraska Public Power District	445,000
Omaha Public Power District	68,526
Total	535,360

Northern understands that the shippers participating in the proposed project will have either acquired gas supplies or have ongoing negotiations for the acquisition of the gas supplies related to the projects. The primary sources of supplies for the additional capacity will be from sources directly or indirectly connected to Northern’s system. In the event upstream throughput services are required, Northern anticipates that each shipper will obtain such service and that it will be performed under Part 284 of the Commission’s Regulations.

VII.
OPERATIONAL BENEFITS

Construction of the Project facilities will provide benefits to Northern’s existing system through increased reliability and system flexibility, as further described below.

The expansion facilities will be integrated with Northern's existing system and will complement the operation of Northern's existing facilities and provide increased reliability for Northern's existing infrastructure and operations, as well as flexibility for future expansions.

The Project requires additional pipelines and a new compressor station in the Market Area to increase transport capacity. The pipelines and new compressor station extensions will increase operational flexibility and improve system resiliency.

VIII. **ENVIRONMENTAL**

The Project was engineered to maximize the use of looping and extension of existing Northern pipelines and existing facilities where practical to limit environmental impacts. Because Northern operates a reticulated system with multiple mainlines serving its Market Area, Northern has the flexibility to efficiently engineer a project design that minimizes impacts to landowners and the environment. Exhibit F-1 (environmental report) provides an analysis of the existing environmental conditions and the impact of the proposed facilities on the environment.

Northern will be utilizing construction corridors ranging in width between 75 and 100 feet in width and will be reducing the corridor width to a maximum 75 feet where it crosses wetland areas to minimize impacts. Northern will use a horizontal directional drill to cross seven waterbodies and one wetland to mitigate impacts to the resource. Construction activities will be conducted in accordance with FERC's Plan and Procedures to minimize environmental impacts, with specific alternative measures to the FERC's Procedures as defined in Resource Report 1.

Northern will employ at least one chief environmental inspector (EI) per spread/crew for the proposed project. The EI will be responsible for monitoring and ensuring compliance with all mitigation measures required by the Project, clearances and permits. The EI will be empowered to order correction of acts that violate environmental requirements. The EI will be empowered to issue stop-work orders and will be able to approve and implement any necessary impact mitigation measures.

Northern proposes to install the proposed pipeline extensions within existing easements along the pipeline route and adjacent to existing right of way, as much as practical. Northern reviewed alternatives to the proposed pipelines and, as described in Resource Report 10, Northern's proposed routes represent the least or similar impact to the environment and/or landowners when compared to the alternatives analyzed.

The predominant land use impacted by the proposed Project is agricultural land. Disruption of agricultural lands should occur only during the construction phase, after which the surface will be restored pursuant to its pre-construction condition, or pursuant to landowner agreements with the exception of the aboveground appurtenant facilities. No residences are located within 25 feet of the proposed Project. Additional land use and construction mitigation measures are more fully described in Resource Report 8.

A listing of federal authorizations that are required for the project and the status of these authorizations from the appropriate federal and state agencies for the project is detailed in Resource Report 1, Table 1.6-1. Agency correspondence sent and received to date is included in appendices of respective resource reports included in Exhibit F-1. Copies of the archeological, architectural and cultural resources reports are included in Volume II and have been labeled "CUII//PRIV – DO NOT RELEASE."

Northern has included topographical maps, aerial photographs and aerial alignment sheets depicting the location of the temporary compression sites and proposed facilities for the project in Resource Report 1. Alignment sheets containing landowner names and the location of sensitive environmental sites are provided in Resource Report 1, Figures 1-5; due to the sensitive nature of the information, these figures are labeled “CUI//PRIV – DO NOT RELEASE” and segregated in Volume II.

A list of the affected landowners is provided in Resource Report 1, Appendix 1C, and is filed as privileged information in Volume II. A list of the agencies involved with the projects as well as other interested stakeholders is included in Resource Report 1, Appendix 1B. Pursuant to section 157.6(d) of the commission’s regulations, within three business days following the date the Commission issues a notice of the application, affected landowners and other stakeholders will be mailed a notice of the proposed project. A listing of the newspapers and libraries, which are located within the counties of the proposed project is included in Appendix 1-B of Resource Report 1. Northern will make a good faith effort to publish a notice of the project twice in the applicable newspapers within 14 days from the date a docket number is assigned to the instant application. Pursuant to section 157.10(c), a copy of the public information included in the instant application will be available for public viewing at the applicable libraries.

Northern has established an Environmental Complaint Resolution Procedure that will be provided to landowners whose properties will be crossed by the project with clear and simple directions for identifying and resolving environmental mitigation problems or concerns; a copy of the Environmental Complaint Resolution Procedure along with template letters to be sent to landowners directly affected by the project is attached to

Resource Report 1, Appendix 1D. The document includes information on how a landowner may contact Northern's toll-free number 24/7 or directly contact commission staff.

IX. **PUBLIC CONVENIENCE AND NECESSITY**

The Certificate Policy Statement³ explained that the Commission, in deciding whether to authorize the construction of major new pipeline facilities, balances the public benefits against the potential adverse consequences. Under its policy, the Commission's threshold requirement for approval of new projects is that the applicant must be prepared to financially support the project without relying on subsidization from its existing customers. The next step is to determine whether the applicant has made efforts to eliminate or minimize any adverse effects the project might have on the applicant's existing customers, existing pipelines in the market and their captive customers, and landowners and communities affected by the route of the new pipelines. If residual adverse effects on these interest groups are identified after efforts have been made to minimize them, the Commission will evaluate the project by balancing the evidence of public benefits to be achieved against the residual adverse effects. This is essentially an economic test. Only when the benefits outweigh the adverse effects on economic interests will the Commission proceed to complete the environmental analysis, where other interests are considered.

As illustrated in Exhibit N, the incremental revenues exceed the incremental cost

³ Certification of New Interstate Natural Gas Facilities (Certificate Policy Statement) 88 FERC ¶ 61,227 (1999), *order clarifying statement of policy*, 90 FERC ¶ 61,128 (2000), *Order further clarifying statement of policy*, 92 FERC ¶ 61,094 (2000).

of service. Exhibit P shows the Project produces a rate reduction to the existing maximum rate customers. Therefore, the Certificate Policy Statement's threshold requirement of no-subsidy is satisfied.

In addition, there will be no adverse impacts on existing customers and other pipelines or their captive customers. The proposed project will not degrade any existing service on Northern's system. Further, the project is not intended to replace existing transportation service on other pipelines.

Northern has taken steps to minimize impacts on landowners, communities, and the environment that might be affected by the project. The proposed facilities will be operated in an integrated manner with Northern's existing facilities, thereby providing additional pipeline reliability and flexibility for Northern's existing customers. In addition, Northern planned the project to utilize existing rights of way to the extent possible. The use of existing land rights minimizes the number of new landowners affected by construction and the ongoing operation of the proposed facilities and minimizes the need to clear and maintain additional pipeline right of way, alleviating any adverse effects the proposed project might have on landowners and communities.

Further, with the exception of modifications described in Resource Report 1, construction activities will be conducted in accordance with the May 2013 version of FERC's Plan and Procedures. The predominant land use impacted by the proposed project is agricultural land; the majority of which will return to agricultural use following construction.

Finally, the Statement of Policy provides that a pipeline should indicate whether the need to construct additional facilities can be mitigated by measures such as capacity

reallocation or released capacity. Northern received no requests in the open season to turn back capacity and accepted a realignment request of 3,904 Dth/day from Black Hills Service Company, LLC. Northern has executed binding commitments supporting additional winter peak day firm transportation entitlement of 535,360 dekatherms per day as well as the realignment request.

Based upon the benefits of the Project, Northern's proposal is clearly required and permitted by the public convenience and necessity.

X.
AUTHORIZATION REQUESTED

Northern respectfully requests approval to construct, modify, operate, and maintain the facilities: (1) 9.03 miles of 20-inch-diameter Omaha 3rd branch line loop, (2) 14.64 miles of 30-inch-diameter Nebraska Public Power District Princeton Road power station branch line, (3) 2.48 miles extension of the 20-inch-diameter Des Moines C-line, (4) uprate 9.83 miles of the 20-inch-diameter Des Moines C-line south loop, (5) install a new compressor station near Clarion, Iowa, (6) modify five compressor stations in Iowa and Nebraska allowing bidirectional flow, (7) install Nebraska Public Power District Princeton Road power station meter station, and (8) aboveground facilities including a launcher, receiver, tie-in valve settings and uprate ancillary equipment, with appurtenances all located in various counties in Nebraska and Iowa. Northern also is requesting approval for a predetermination of rolled-in rate treatment of the Project costs.

Northern requests the Commission to issue an order granting (1) approval for the installation of the proposed facilities for the Project and (2) a presumption of rolled-in rate treatment of the expansion costs for the Project as expeditiously as possible, but no later

than March 2027, to enable Northern to timely receive a notice to proceed with construction.

XI.
CERTIFICATION

Northern is willing and able to do the acts and perform the services for which application is made, and in so doing, to conform to the provisions of the NGA and the regulations promulgated thereunder.

Pursuant to the provisions of the Natural Gas Pipeline Safety Act of 1968, Northern certifies that the proposed facilities will be designed, constructed, abandoned, removed, inspected, tested, operated, and maintained in accordance with the requirements of Title 49, Part 192, Code of Federal Regulations, or any superseding state or federal safety code applicable to gas transmission pipelines.

XII.
DESCRIPTION OF EXHIBITS

This is an abbreviated application pursuant to Section 157 of the regulations of the commission. For convenience purposes, Northern has addressed each of the exhibits required under Section 157.14 of said regulations. These exhibits are attached, incorporated by reference, or omitted for the reasons indicated.

NOTICE	NOTICE OF APPLICATION Submitted.
EXHIBIT A	ARTICLES OF INCORPORATION AND BYLAWS Omitted. This information is filed at Docket No. CP91-1680-000 as Exhibit A and incorporated in this application for all purposes.
EXHIBIT B	STATE AUTHORIZATIONS Omitted. This information is filed at Docket No. CP91-1680-000 as Exhibit B and incorporated in this application for all purposes.
EXHIBIT C	COMPANY OFFICIALS Omitted. Information regarding Northern's company officials

can be viewed on the following website:

<http://www.northernnaturalgas.com/aboutus/Pages/ManagementTeam.aspx>

- EXHIBIT D SUBSIDIARIES AND AFFILIATIONS**
Omitted. Northern does not directly or indirectly own, control, or hold with power to vote 10 percent or more of the outstanding voting securities of any other person or organized group of persons engaged in the production, transportation, distribution, or sale of natural gas or of any person or organized group of persons engaged in the construction or financing of such enterprises or operations.
- EXHIBIT E OTHER PENDING APPLICATIONS AND FILINGS**
Omitted. Northern is not aware of any pending applications on file with the Commission which affect the instant application.
- EXHIBIT F LOCATION OF FACILITIES**
Submitted.
- EXHIBIT F-I ENVIRONMENTAL REPORT**
Submitted.
- EXHIBIT G FLOW DIAGRAMS SHOWING DAILY DESIGN CAPACITY**
Submitted as CEII in Volume III.
- EXHIBIT G-I FLOW DIAGRAMS SHOWING MAXIMUM CAPABILITIES**
Omitted. Exhibit G reflects maximum capacities.
- EXHIBIT G-II FLOW DIAGRAMS DATA**
Submitted as CEII in Volume III.
- EXHIBIT H GAS SUPPLY**
Omitted.
- EXHIBIT I MARKET DATA**
Submitted in Volume II and labeled “CUI//PRIV – DO NOT RELEASE” are election forms under long-term contracts and precedent and transportation agreements for shippers which participated in the open season.
- EXHIBIT J FEDERAL AUTHORIZATIONS**
Please refer to Resource Report 1, Table 1.6-1 for federal and state permits and approvals.

- EXHIBIT K** **COST OF FACILITIES**
Submitted. Included with Exhibit K is a spreadsheet showing Northern’s calculation of its allowance for funds used during construction.
- EXHIBIT L** **FINANCING**
Omitted. The proposed construction will be financed with internally generated funds.
- EXHIBIT M** **CONSTRUCTION, OPERATION AND MANAGEMENT**
Omitted. Northern and/or independent contractors will accomplish the proposed construction. Employees of Northern will carry out operation and maintenance activities during the ordinary course of business.
- EXHIBIT N** **REVENUES, EXPENSES AND INCOME**
Submitted. Exhibit N includes the analysis of the proposed Project.
- EXHIBIT O** **DEPRECIATION AND DEPLETION**
Omitted. Northern will depreciate the facilities at the rate in effect, from time to time, as approved by the Commission.
- EXHIBIT P** **TARIFF**
Submitted for the Central Mainline Corridor Expansion Project.

XIII.
CONCLUSION

W H E R E F O R E, Northern respectfully requests that the Commission issue pursuant to Section 7 of the NGA, an order providing authorization to construct, modify, operate, and maintain the facilities: (1) 9.03 miles of 20-inch-diameter Omaha 3rd branch line loop, (2) 14.64 miles of 30-inch-diameter Nebraska Public Power District Princeton Road power station branch line, (3) 2.48 miles extension of the 20-inch-diameter Des Moines C-line, (4) uprate 9.83 miles of the 20-inch-diameter Des Moines C-line south loop, (5) install a new compressor station near Clarion, Iowa, (6) modify five compressor stations in Iowa and Nebraska allowing bidirectional flow, (7) install Nebraska Public Power District

Princeton Road power station meter station, and (8) aboveground facilities including a launcher, receiver, tie-in valve settings and uprate ancillary equipment, with appurtenances all located in various counties in Nebraska and Iowa.

Northern also is requesting a presumption of rolled-in rate treatment for CMC and the Commission grant approval for the installation of the proposed facilities as expeditiously as possible, but no later than March 2027.

Northern further requests that the intermediate decision procedure be omitted and that this Application be disposed of pursuant to Rules 801 and 802 of the Commission's Rules of Practice and Procedure (18 C.F.R. §§ 385.801 and 385.802) providing shortened procedures for non-contested proceedings. If the Commission grants such request, Northern waives oral hearing and opportunity for filing exceptions to the decisions of the Commission.

Respectfully submitted,
NORTHERN NATURAL GAS COMPANY

/s/ Kirk Lavengood

Kirk Lavengood, VP
Chief Legal Officer

NOTICE OF APPLICATION

This filing is accessible on-line at <http://www.ferc.gov> using the “eLibrary” link and is available for review in the Commission’s Public Reference Room in Washington, DC. There is an “eSubscription” link on the web site that enables subscribers to receive email notification when a document is added to a subscribed docket(s). For assistance with any FERC Online service, please email FERCOnlineSupport@ferc.gov, or call (866) 208-3676 (toll free). For TTY, call (202) 502-8659.

Any questions regarding this application should be directed to Bret Fritch, Regulatory Specialist for Northern, 1111 South 103rd Street, Omaha, NE 68124, at (402) 398-7140.

There are two ways to become involved in the Commission's review of the proposed project. First, any person wishing to obtain legal status by becoming a party to the proceeding for the project should, on or before the comment date stated below file with the Federal Energy Regulatory Commission, 888 First Street, NE, Washington, D.C. 20426, a motion to intervene in accordance with the requirements of the Commission's Rules of Practice and Procedure (18 CFR §§ 385.214 or 385.211) and the Regulations under the NGA (18 CFR § 157.10). A person obtaining party status will be placed on the service list maintained by the Secretary of the Commission and will receive copies of all documents filed by the applicant and by all other parties. Only parties to the proceeding can ask for court review of Commission orders in the proceeding.

However, a person does not have to intervene in order to have comments considered. The second way to participate is by filing with the Secretary of the Commission, as soon as possible, an original and two copies of comments in support of or in opposition to this project. The Commission will consider these comments in deeming the appropriate action to be taken, but the filing of a

comment alone will not serve to make the filer a party to the proceeding. The Commission's rules require that persons filing comments in opposition to the project provide copies of their protests only to the party or parties directly involved in the protest.

Persons who wish to comment only on the environmental review of this project should submit an original and two copies of their comments to the Secretary of the Commission. Environmental commenters will be placed on the Commission's environmental mailing list, will receive copies of the environmental documents, and will be notified of meetings associated with the Commission's environmental review process. Environmental commenters will not be required to serve copies of filed documents on all other parties. However, the non-party commenters will not receive copies of all documents filed by other parties or issued by the Commission (except for the mailing of environmental documents issued by the Commission) and will not have the right to seek court review of the Commission's final order.

The Commission strongly encourages electronic filings of comments, protests and interventions in lieu of paper using the "eFiling" link at <http://www.ferc.gov>. Persons unable to file electronically should submit an original and 5 copies of the protest or intervention to the Federal Energy regulatory Commission, 888 First Street, NE, Washington, D.C. 20426.

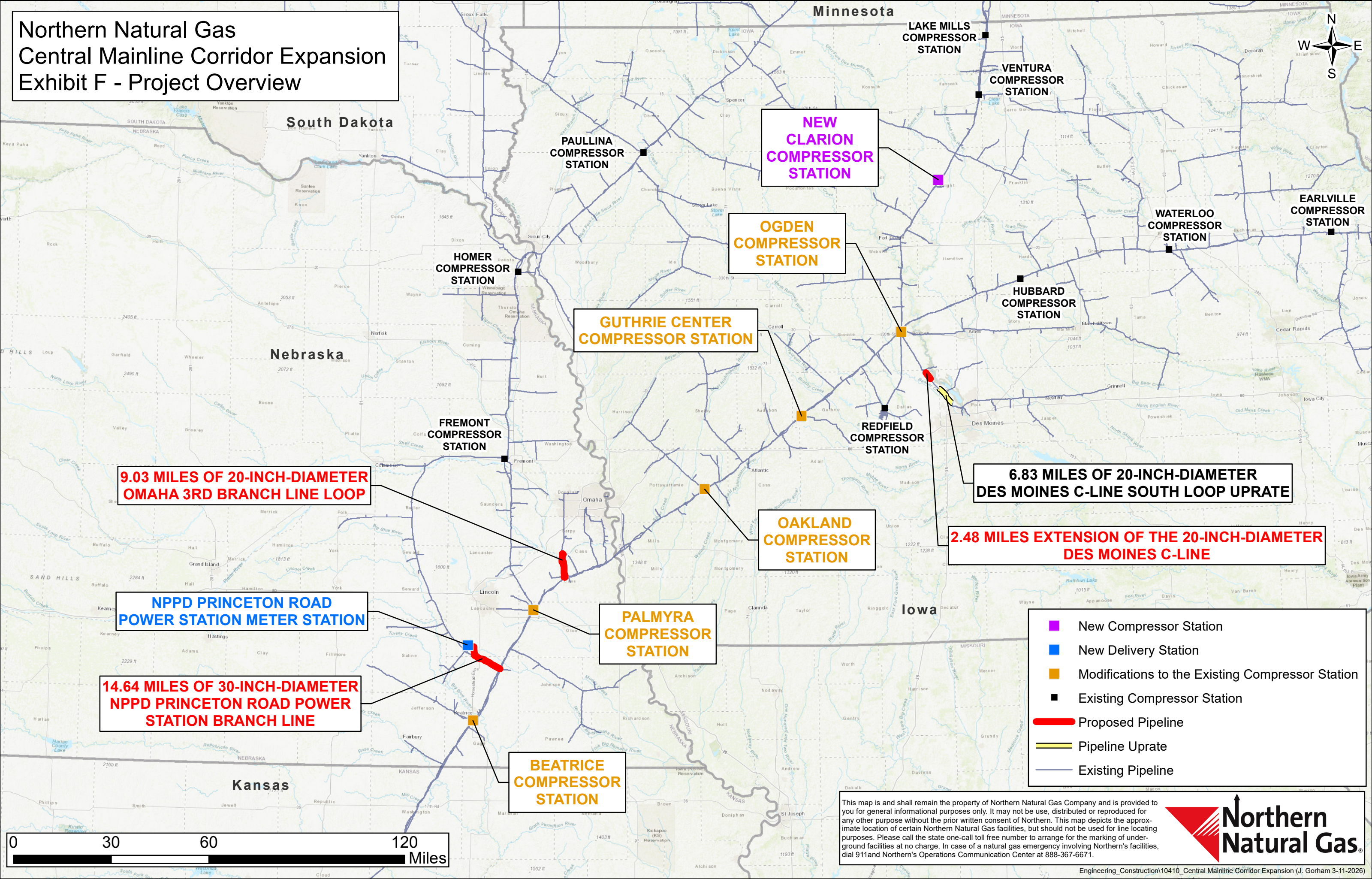
Comment Date: , 2026

Debbie-Anne Reese,
Secretary

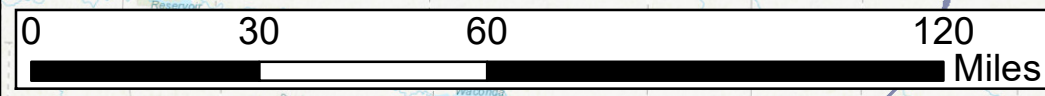
EXHIBIT F

LOCATION OF FACILITIES

Northern Natural Gas Central Mainline Corridor Expansion Exhibit F - Project Overview



- New Compressor Station
- New Delivery Station
- Modifications to the Existing Compressor Station
- Existing Compressor Station
- Proposed Pipeline
- Pipeline Uprate
- Existing Pipeline



This map is and shall remain the property of Northern Natural Gas Company and is provided to you for general informational purposes only. It may not be used, distributed or reproduced for any other purpose without the prior written consent of Northern. This map depicts the approximate location of certain Northern Natural Gas facilities, but should not be used for line locating purposes. Please call the state one-call toll free number to arrange for the marking of underground facilities at no charge. In case of a natural gas emergency involving Northern's facilities, dial 911 and Northern's Operations Communication Center at 888-367-6671.



EXHIBIT F-I

ENVIRONMENTAL REPORT

See Volume I

EXHIBIT G

FLOW DIAGRAM SHOWING DAILY DESIGN CAPACITY

Contains CEII – Do Not Release

See Volume III

EXHIBIT G-II

FLOW DIAGRAMS DATA

Contains CEII – Do Not Release

See Volume III

EXHIBIT I

Market Data

Filed as Privileged Information

See Volume II

EXHIBIT J

FEDERAL AUTHORIZATIONS

See Resource Report 1, Table 1.6-1

EXHIBIT K

COST OF FACILITIES

Exhibit K - Cost Summary of Project Estimates

Description	Total Cost	Right of Way	Surveys	Materials	Labor	Engineering & Inspection	Taxes ¹	Freight ²	Environmental	Overhead	AFUDC	Contingencies
Omaha 3rd Branch Line Loop	\$41,934,323	\$2,250,000	\$410,000	\$7,832,282	\$19,990,826	\$4,910,000	\$0	\$0	\$1,500,000	\$851,840	\$698,229	\$3,491,146
NPPD Princeton Road Power Station Branch Line	\$61,715,464	\$3,300,000	\$1,300,000	\$18,408,819	\$24,299,799	\$7,735,000	\$0	\$0	\$1,600,000	\$1,310,943	\$1,074,544	\$2,686,359
Des Moines C-line Extension	\$9,085,132	\$425,000	\$115,000	\$1,777,818	\$4,014,664	\$1,420,000	\$0	\$0	\$375,000	\$187,835	\$153,963	\$615,852
Des Moines C-line South Loop Uprate	\$5,136,764	\$20,000	\$15,000	\$1,108,879	\$2,683,791	\$782,500	\$0	\$0	\$87,500	\$113,146	\$92,878	\$233,070
Clarion Compressor Station	\$48,467,207	\$370,000	\$30,000	\$21,204,500	\$18,510,000	\$3,230,000	\$0	\$0	\$250,000	\$1,043,422	\$1,657,460	\$2,171,825
Beatrice Compressor Station Modifications	\$3,985,262	\$2,000	\$0	\$1,846,350	\$1,336,328	\$224,500	\$0	\$0	\$40,000	\$79,565	\$130,434	\$326,085
Guthrie Center Compress Station Modifications	\$3,388,408	\$10,000	\$0	\$1,237,500	\$1,653,884	\$206,000	\$0	\$0	\$10,000	\$72,309	\$50,540	\$148,175
Oakland Compressor Station Modifications	\$4,030,152	\$2,000	\$0	\$1,153,099	\$2,100,129	\$342,000	\$0	\$0	\$0	\$84,914	\$69,602	\$278,408
Ogeden Compressor Station Modifications	\$2,998,177	\$5,000	\$0	\$450,000	\$2,033,472	\$235,000	\$0	\$0	\$5,000	\$80,914	\$53,941	\$134,850
Palmyra Compressor Station Modifications	\$3,170,006	\$2,000	\$0	\$495,000	\$2,142,832	\$260,000	\$0	\$0	\$15,000	\$67,649	\$48,900	\$138,625
NPPD Princeton Road Power Station Meter Station	\$3,634,728	\$60,000	\$10,000	\$1,190,996	\$1,449,584	\$436,000	\$0	\$0	\$10,000	\$117,259	\$60,148	\$300,741
GRAND TOTAL	\$187,545,623	\$6,446,000	\$1,880,000	\$56,705,243	\$80,215,309	\$19,781,000	\$0	\$0	\$3,892,500	\$4,009,796	\$4,090,639	\$10,525,136

¹ Taxes are included in total cost of materials

² Freight cost are included in total cost of materials

EXHIBIT N

REVENUES, EXPENSES AND INCOME

**NORTHERN NATURAL GAS COMPANY
CENTRAL MAINLINE CORRIDOR EXPANSION
ESTIMATED INCREMENTAL REVENUE
(IN \$000)**

LINE NO.	DESCRIPTION	YEAR 1	YEAR 2	YEAR 3	YEAR 4
1	INCREMENTAL REVENUES 1/	\$ 39,153	\$ 39,762	\$ 50,329	\$ 54,772
2	INCREMENTAL COST OF SERVICE	14,976	14,292	13,662	13,081
3	DIFFERENCE	<u>\$ 24,177</u>	<u>\$ 25,470</u>	<u>\$ 36,666</u>	<u>\$ 41,691</u>

1/ Incremental revenues are based on the reservation rates agreed to in the contracts.

NORTHERN NATURAL GAS COMPANY
CENTRAL MAINLINE CORRIDOR EXPANSION
Estimated Incremental Cost of Service

Line No.	Description	Year 1 (1)	Year 2 (2)	Year 3 (3)	Year 4 (4)
1	Operating Expenses 1/	\$ 440,246	\$ 451,252	\$ 462,533	\$ 474,097
2	Depreciation and				
3	Amortization Expenses 2/	\$ 1,809,300	\$ 1,809,300	\$ 1,809,300	\$ 1,809,300
4	Taxes				
5	Federal Income Tax 3/	\$ 2,085,391	\$ 1,967,799	\$ 1,859,265	\$ 1,758,835
6	State Income Tax 4/	\$ 648,094	\$ 611,548	\$ 577,818	\$ 546,607
7	Other 5/	\$ 544,676	\$ 544,676	\$ 544,676	\$ 544,676
8	Return @ 9.25% 6/	\$ 9,447,823	\$ 8,907,543	\$ 8,408,883	\$ 7,947,461
9	Total Cost of Service	\$ 14,975,530	\$ 14,292,119	\$ 13,662,475	\$ 13,080,976

1/ Incremental O&M

2/ From Exhibit N, Page 3, Line 11

3/ From Exhibit N, Page 7, Line 12

4/ From Exhibit N, Page 7, Line 15

5/ From Exhibit N, Page 4, Line 2

6/ From Exhibit N, Page 5, Line 5

NORTHERN NATURAL GAS COMPANY
CENTRAL MAINLINE CORRIDOR EXPANSION
Estimated Incremental Depreciation Expense

Line No.	Description	Months in Service					
		Year 1	Year 1	Year 2	Year 3	Year 4	
		(1)	(2)	(3)	(4)		
	Rate ^{1/}						
1	Depreciation Rate		2.59%				
2	CIAC Recieved (Capital Coverage)	\$	(117,688,464)	\$	(117,688,464)	\$	(117,688,464)
3	Compression Facilities	\$	66,039,212	\$	66,039,212	\$	66,039,212
4	Town Border Stations	\$	3,634,728	\$	3,634,728	\$	3,634,728
5	Main Line Extension	\$	14,221,896	\$	14,221,896	\$	14,221,896
6	Pipeline Tie Over	\$	-	\$	-	\$	-
7	Underground Storage	\$	-	\$	-	\$	-
8	Branch Line Loops	\$	103,649,787	\$	103,649,787	\$	103,649,787
9	Total	\$	<u>69,857,159</u>	\$	<u>69,857,159</u>	\$	<u>69,857,159</u>
10	Land/ Non Depr Plant	\$	-	\$	-	\$	-
11	Depreciation and Amortization Expense						
12	Depreciation - @ 2.59%	12	\$1,809,300	\$1,809,300	\$1,809,300	\$1,809,300	
13	Incremental Depreciation Exp.		<u>\$1,809,300</u>	<u>\$1,809,300</u>	<u>\$1,809,300</u>	<u>\$1,809,300</u>	

1/ The 2.59% rate represents Northern's current book depreciation and negative salvage rates for transmission assets

NORTHERN NATURAL GAS COMPANY
CENTRAL MAINLINE CORRIDOR EXPANSION
Estimated Incremental Taxes Other

Line No.	Description	Year 1 (1)	Year 2 (2)	Year 3 (3)	Year 4 (4)
1	Ad Valorem Taxes	\$ 544,676	\$ 544,676	\$ 544,676	\$ 544,676
2	Total Taxes - Other	<u>\$544,676</u>	<u>\$544,676</u>	<u>\$544,676</u>	<u>\$544,676</u>

NORTHERN NATURAL GAS COMPANY
CENTRAL MAINLINE CORRIDOR EXPANSION
Estimated Return

Line No.	Description	Year 1 (1)	Year 2 (2)	Year 3 (3)	Year 4 (4)
1	Plant	\$ 69,857,159	\$ 69,857,159	\$ 69,857,159	\$ 69,857,159
	Less:				
2	Accumulated Provision for Depreciation and Amort.	(\$1,809,300)	\$ (3,618,601)	\$ (5,427,901)	\$ (7,237,202)
3	Accumulated Deferred Income Taxes	\$ 34,111,228	\$ 30,078,500	\$ 26,495,797	\$ 23,315,748
4	Total Rate Base	<u>\$ 102,159,087</u>	<u>\$ 96,317,058</u>	<u>\$ 90,925,055</u>	<u>\$ 85,935,705</u>
5	Total Rate of Return @9.25% 1/	\$ 9,447,823	\$ 8,907,543	\$ 8,408,883	\$ 7,947,461
6	Return on Equity	\$ 7,735,729	\$ 7,293,357	\$ 6,885,061	\$ 6,507,256
7	Return on Debt	\$ 1,712,094	\$ 1,614,187	\$ 1,523,821	\$ 1,440,204
8	Total Return on Rate Base	<u>\$ 9,447,823</u>	<u>\$ 8,907,543</u>	<u>\$ 8,408,883</u>	<u>\$ 7,947,461</u>

1/ The 9.25% Rate of Return is based on a 12.05% .return on equity from the 2025 Form 2 and 4.51% cost of debt

NORTHERN NATURAL GAS COMPANY
CENTRAL MAINLINE CORRIDOR EXPANSION
Estimated Incremental Deferred Taxes

Line No.	Description	Year 1 (1)	Year 2 (2)	Year 3 (3)	Year 4 (4)
1	Tax Plant	\$ -	\$ 183,324,984	\$ 183,324,984	\$ 183,324,984
2	Plant Addition (Excludes Equity AFUDC)	\$ 183,324,984	\$ -	\$ -	\$ -
	Total Plant in Service	<u>\$ 183,324,984</u>	<u>\$ 183,324,984</u>	<u>\$ 183,324,984</u>	<u>\$ 183,324,984</u>
4	Accumulated Deferred Taxes:				
5	Accumulated Tax Depreciation %	5.00%	14.50%	23.05%	30.75%
6	Accumulated Tax Depreciation	\$ 9,166,249	\$ 26,582,123	\$ 42,256,409	\$ 56,372,433
7	Accumulated Book Depreciation % 1/	2.59%	5.18%	7.77%	10.36%
8	Accumulated Book Depreciation	\$ 1,809,300	\$ 3,618,601	\$ 5,427,901	\$ 7,237,202
9	Accumulated Excess Tax Depreciation	\$ 7,356,949	\$ 22,963,522	\$ 36,828,508	\$ 49,135,231
10	CIAC payment to NNG	\$ (139,366,679)			
11	Effective Tax Rate 2/	25.84%			
12	Total end of year Accumulated Deferred				
13	Taxes Balance - Credit	<u>\$ (34,111,228)</u>	<u>\$ (30,078,500)</u>	<u>\$ (26,495,797)</u>	<u>\$ (23,315,748)</u>

1/ The 2.59% rate represents Northern's current book depreciation and negative salvage rate for transmission plant.

2/ The 25.84% rate represents Northern's composite income tax rate, which reflects a composite state income tax rate of 6.13%

NORTHERN NATURAL GAS COMPANY
CENTRAL MAINLINE CORRIDOR EXPANSION
Estimated Federal and State Income Taxes

Line No.	Description	Year 1 (1)	Year 2 (2)	Year 3 (3)	Year 4 (4)
1	Return on Equity 1/	\$ 7,735,729	\$ 7,293,357	\$ 6,885,061	\$ 6,507,256
2	Return on Debt 1/	\$ 1,712,094	\$ 1,614,187	\$ 1,523,821	\$ 1,440,204
3	Total Return	\$ 9,447,823	\$ 8,907,543	\$ 8,408,883	\$ 7,947,461
	Less:				
4	Interest expense	\$ (1,712,094)	\$ (1,614,187)	\$ (1,523,821)	\$ (1,440,204)
	Other Adjustments:				
5	Amortization of AFUDC Equity 2/	1 \$ 109,315	\$ 109,315	\$ 109,315	\$ 109,315
6	Subtotal	\$ (1,602,779)	\$ (1,504,872)	\$ (1,414,507)	\$ (1,330,890)
7	Taxable Income After Adjustments	\$ 7,845,044	\$ 7,402,671	\$ 6,994,376	\$ 6,616,571
8	Federal Income Tax (26.582% of line 7)	\$ 2,085,391	\$ 1,967,799	\$ 1,859,265	\$ 1,758,835
9	Taxable Income Before Income Taxes	\$ 9,930,435	\$ 9,370,470	\$ 8,853,641	\$ 8,375,406
	Federal Income Tax Applicable to :				
10	Common Equity	\$ 2,056,333	\$ 1,938,740	\$ 1,830,206	\$ 1,729,777
11	Other Tax Adjustments	\$ 29,058	\$ 29,058	\$ 29,058	\$ 29,058
12	Total Federal Income Tax	\$ 2,085,391	\$ 1,967,799	\$ 1,859,265	\$ 1,758,835
	State Income Tax Applicable to:				
13	Common Equity	\$ 639,063	\$ 602,518	\$ 568,788	\$ 537,576
14	Other Tax Adjustments	\$ 9,031	\$ 9,031	\$ 9,031	\$ 9,031
15	Total State Income Tax (6.53% of Line 9) 3/	\$ 648,094	\$ 611,548	\$ 577,818	\$ 546,607

1/ The 9.25% Rate of Return is based on a 12.05% .return on equity from the 2025 Form 2 and 4.51% cost of debt

2/ AFUDC Equity is taxed as it is recovered.

3/ Northern's composite state income tax rate of 6.13% is the rate filed Docket No. RP25-989

EXHIBIT P

TARIFF

PROJECT - Central Mainline Corridor Expansion

RATE COMPARISON

	Interim Settlement Rates 1/ [a]	Adjusted Rates 2/ [b]	Rate Difference [c]=[b]-[a]	Percent of Change [d]=[c]/[a]
<u>RATE SCHEDULE</u>				
TF BASE SUMMER	\$12.534	\$12.388	(\$0.146)	-1.2%
TF VARIABLE/TFX SUMMER	\$12.534	\$12.388	(\$0.146)	-1.2%
TF BASE WINTER	\$22.562	\$22.298	(\$0.264)	-1.2%
TF VARIABLE WINTER	\$30.583	\$30.226	(\$0.357)	-1.2%
TF5/TFX WINTER	\$33.420	\$33.034	(\$0.386)	-1.2%

ASSUMPTIONS:

1/ Interim Settlement Rates subject to Commission approval filed in Docket No. RP25-989-007

2/ Per Exhibit N, reflects the addition of the CMC Expansion project billing determinants representing the first year revenue and cost of service of \$39.1m and \$14.9m, respectively