

Clean Sustainable Energy Authority

North Dakota Industrial Commission

Application

Project Title: Spiritwood Fertilizer Project

Applicant: NextEra Energy Resources
Development, LLC

Date of Application: November 13, 2023

Amount of Request
Grant:
Loan: \$125,000,000

Total Amount of Proposed Project:

\$1.3 Billion (Approximate; Breakdown in
Confidential Appendix – A)

Duration of Project: Construction: 5 years;
Operation: 20 years

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TABLE OF CONTENTS

#	Details	Page #
1.	Abstract	4
2.	Project Description	6
3.	Standards of Success	6
4.	Background/Qualifications	8
5.	Management	19
6.	Timetable	20
7.	Budget	20
8.	Confidential Information	21
9.	Patents/Rights to Technical Data	22
10.	State Programs and Incentives	22

1. ABSTRACT

Objective:

NextEra Energy Resources Development, LLC (“NextEra Development”) is an indirect, wholly owned subsidiary of NextEra Energy Resources, LLC (“NEER”). NEER is the world’s largest generator of renewable energy from the wind and sun, a world leader in battery storage, and is driving the development of the green hydrogen economy. NEER is a subsidiary of NextEra Energy, Inc (“NEE”) which conducts operations principally through two wholly owned subsidiaries - Florida Power & Light Company (“FPL”), which is the largest rate-regulated electric utility in the US as measured by retail electricity sold, and NEER. NextEra Energy Capital Holdings, Inc. (“NEECH”), another wholly owned subsidiary of NextEra Energy, owns and provides funding for NEER's and NextEra Energy's other operating subsidiaries. For purposes of this application, NEER and its subsidiaries which includes NextEra Development are collectively referred to as “NextEra”.

NextEra, a leading U.S. based investor and developer of energy infrastructure, is at the forefront of developing electric fertilizer production solutions to benefit regions at the end of the supply chain, such as North Dakota, which are subject to elevated pricing for conventional fertilizer. North Dakota has a unique opportunity to convert electricity, including electricity that is often exported to surrounding states, to locally produced fertilizer, providing supply stability to the North Dakota agricultural sector. Over the years, North Dakota has experienced fertilizer supply shortages and price spikes from volatility in fertilizer production and logistics costs to transport fertilizer to the market. A NextEra Development facility in North Dakota would provide local fertilizer supply, supply chain resiliency, offer improved price stability not subject to price fluctuations in natural gas, and bring significant economic development to the local community and to the state of North Dakota. We applaud North Dakota for creating a program to encourage new investments in fertilizer production for the state.

Expected Results:

The Spiritwood Fertilizer Project (the “Project”) would provide agriculture resiliency by producing fertilizer for North Dakota, in North Dakota, and decouple the agricultural sector from the pricing of imports to the market from foreign governments. Additionally, North Dakota currently exports roughly half of the electricity produced in the state, which is produced by a diverse mix of natural resources. The fertilizer Project would convert abundant North Dakota electricity into a higher value and much needed product for the agriculture sector. The electric fertilizer plant would make the grid more stable as the plant would enable transmission system upgrades and exhibit the ability to be curtailed when power is needed most by ratepayers, and it would provide a revenue opportunity to local utilities and co-ops.

This Project would secure an in-state supply of fertilizer that would allow for cost and supply stability in North Dakota thereby supporting farmers. This would enable electric fertilizer production in a region currently lacking production capacity to serve local markets. We expect the Project to provide stability to the grid and additional revenue to North Dakota utilities and co-ops while converting abundant electricity to value-added fertilizer in the State.

NextEra Development has funded the Project's research and development activities to date. This post-production incentive implies that North Dakota doesn't provide any financial support unless a fertilizer plant is successfully built and operational in the state. A commitment from the Clean Sustainable Energy Authority (CSEA) and receipt of commitment letter from Bank of North Dakota (BND) for the requested \$125 million post-production incentive towards an electric fertilizer facility in North Dakota will facilitate further development of the Project targeting commercial operations in 2028 - 2029.

This Project aims to produce zero carbon anhydrous ammonia through electrolysis of water, which is the imperative first step to produce any downstream products, such as urea or other fertilizers. Establishing an anhydrous ammonia production facility would meet existing agricultural demand for anhydrous ammonia. We envision a phased approach to development, including potential, future capacity expansions for anhydrous ammonia and potential integration with urea production in the future. Electrolytic fertilizer plants are capital intensive with low variability in operating costs, enabling stable future fertilizer production costs.

Duration:

Construction of the Project is estimated to take five years to complete in a phased approach, including potential capacity expansions. The operating life thereafter is designed for a minimum of 20 years.

Total Project Cost:

Projected to be approximately \$1.3 Billion (Breakdown in confidential Appendix – A)

Participants:

NextEra Development is the current project sponsor and a to be formed subsidiary of NEER would be the owner of the Project. NextEra Development plans to manage best-in-class Engineering/ Procurement/ Construction firms, Operations and Maintenance personnel, and Original Equipment Manufacturers to design, build, finance, own, and operate the Project. Clean Sustainable Energy Authority's support is critical to the development and large-scale commercial deployment of the Project.

2. PROJECT DESCRIPTION

Confidential (please see Appendix – A – Confidential Application)

3. STANDARDS OF SUCCESS

Emissions Reduction and Reduced Environmental Impacts

The proposed Project plans to produce zero carbon nitrogen-based fertilizer to effectively reduce the carbon intensity of key products, such as corn for ethanol, and increase the value of North Dakota crops. This zero-carbon fertilizer would reduce emissions from North Dakota’s agricultural sector by displacing conventional ammonia produced from natural gas.

NextEra Development’s proposed electric fertilizer facility would reduce the emissions contribution of North Dakota’s agricultural sector by millions of metric tons of CO₂ over the initial operating life of the Project and would target a further reduction in following potential expansion phases. Detailed breakdown provided in confidential Appendix – A.

The electric fertilizer production facility leverages NextEra’s technical expertise in developing renewable projects which power the electrolyzer facility. The project provides a zero-carbon nitrogen-based fertilizer along with long-term price certainty for the benefit of the local agricultural community.

Value to North Dakota Agriculture

The Project would introduce incremental local production of ammonia to the North Dakota market, representing a significant portion of in-state nitrogen demand before potential subsequent expansions to include other nitrogen-based fertilizers including Urea and UAN in future phases. The nitrogen-based fertilizer produced by the Project will also offset a significant portion of the State’s imports with domestic production. Detailed projections provided in confidential Appendix – A.

Providing a secure and in-state supply of nitrogen fertilizer would create cost and supply stability in North Dakota, inviting further fertilizer production investment in the state with potentially billions of dollars of total investment in the sector. This would position North Dakota as not just a national leader in clean energy agriculture, but a global leader.

Impact to North Dakota Workforce

NextEra Development plans to collaborate with Bismarck State College, Lake Region State College, and North Dakota Tribal College System to facilitate energy Train-the-Trainer workshops where Instructors will master effective ways to educate and train students on green hydrogen technology. This also includes plans to collaborate with school districts, including Tribal Schools, to deliver STEM camps focused on renewable energy, including green hydrogen to help identify and nurture local talent. NextEra Development’s plans include opportunities for students to tour the facility and meet with operational engineers to learn about the technologies to be demonstrated at the site.

NextEra Development aims to provide guest lectures with expertise in green hydrogen to present to renewable energy students, on hydrogen production, manufacturing, testing, operation, and maintenance and provide internship opportunities to provide the energy leaders of tomorrow access to cutting edge technology. NextEra Development also plans to facilitate green hydrogen capstone projects (research projects) with University of North Dakota and North Dakota State University. These plans include subject matter expert sessions to identify hydrogen related challenges, development of research projects, mentoring and potential funding.

The potential commercialization of the project's results and how it will preserve existing jobs and create new ones.

North Dakota's economy is primarily driven by energy and agriculture. Geographically, North Dakota is at the end of the fertilizer supply chain, with limited in-State production and highly reliant on imports from foreign countries. Current international political scenarios sent a shockwave through the fertilizer markets last year, increasing prices by over 400% in underserved areas like North Dakota. With continued global conflict and volatility, North Dakota needs to control its own supply of fertilizer for the critically important agricultural sector.

The Project is proposing to do just that, by developing an electric fertilizer plant in North Dakota to provide pricing and supply stability.

The Project provides a platform to develop and demonstrate advanced electrolyzer state-of-the-art technology and CSEA's post-production incentive would foster economic development in the local communities in eastern North Dakota and across the state in terms of jobs, property tax benefits, specialist positions, infrastructural development and development and retention of local talent.

How it will otherwise satisfy the purposes established in the mission of the Program.

The outlined purpose of the CSEA program is to support research, development and technological advancements through partnerships and financial support for projects ready for commercial deployment that reduce environmental impacts. The Project brings together each part of that mission, for all the reasons previously stated in this application. This project would play a critical role in stabilizing fluctuations in fertilizer supply due to supply chain issues, assure long term stable zero-carbon fertilizer while preserving jobs in the State, and nurturing local talent. NextEra's proven track record of execution and investing in the economy and communities of North Dakota makes NextEra Development the right partner to help CSEA realize the vision of this program.

4. BACKGROUND / QUALIFICATIONS

NextEra Development is excited about the opportunity to collaborate with State of North Dakota and are fully capable to develop, construct, finance, and operate this large-scale commercial deployment of electrical fertilizer facility. A commitment from CSEA via the post-production fertilizer incentive will help enable delivery of carbon-free nitrogen-based fertilizer economically and consistently helping the agricultural community. NextEra is one of the few companies in the industry that has the flexibility to initially fund the development and construction of a project of this size using our balance sheet and do not need to rely on third-party financing.

NextEra manages industry leading partners for design, engineering, construction, and equipment to develop state of the art electric fertilizer solutions and will do our best to incorporate local subcontractors in the development of this project where feasible.

Collaboration: We aim to tailor an optimal solution that meets CSEA's requirement and provides solutions to the fertilizer demand in North Dakota. Through this process, NextEra Development and CSEA would work together on an exclusive basis to develop the project further.

Infrastructure: NextEra is the ideal partner to pursue a large infrastructure project with. In 2022, NEE and its subsidiaries invested more than \$19 billion in infrastructure, which places the company among the largest capital investors across any industry in the U.S.

Hydrogen: In the past three years, NextEra and FPL have been working expanding its clean hydrogen capabilities and competencies (in staff, technology, experience, and knowledge). In 2020, FPL announced the construction of a 25 MW green hydrogen pilot in Florida which has begun commercial operations ahead of schedule in Q4 of 2023. NextEra has recently announced that is working on a pipeline of hydrogen projects representing \$20 B of capital investment and 15 GW of new renewables development through the end of the decade.

Competency: During 2023, NextEra made several industry-leading announcements related to clean hydrogen developments: A) Plans to build a 120 TPD clean liquid hydrogen project in Arizona in partnership with Linde, B) An MOU for a joint venture to develop a zero-carbon-intensity hydrogen project for fertilizer production at CF Industries' Verdigris Complex in Oklahoma.

Positions: NEE currently operates 31 GW of clean energy resources, with another 20 GW in backlog, as well as ~1,400 miles of transmission lines in service and ~\$40 billion in potential pipeline. Additionally, NextEra has secured significant land positions in North Dakota earmarked specifically for project development - and has over 50GW of interconnection positions in the MISO queue for future development of renewable projects ensuring project timeline and delivery. NextEra controls an industry leading portfolio of the most crucial input to electrolytic hydrogen production i.e., renewable energy.

We look forward to working closely with CSEA and CSEA's commitment of a \$125 million post-production incentive that will help foster project development and deliver carbon-free electric fertilizer at predictable cost to agricultural community in North Dakota.

Resources

NextEra Development is strategically positioned to design, build, finance, own, operate, and maintain the proposed electric fertilizer plant. NEE is America's leading clean energy company headquartered in Juno Beach, Florida. NEE owns FPL, which is America's largest electric utility that sells more power than any other utility, providing clean, affordable, reliable electricity to approximately 5.8 million customer accounts, or more than 12 million people across Florida. NEE also owns a competitive clean energy business, NEER, which, together with its affiliated entities (including NextEra Development), is the world's largest generator of renewable energy from the wind and sun, a world leader in battery storage, and is driving the development of the green hydrogen economy.

Through its subsidiaries, NEE generates clean, emissions-free electricity from seven commercial nuclear power units in Florida, New Hampshire, and Wisconsin. NEE has been recognized often by third parties for its efforts in sustainability, corporate responsibility, ethics and compliance, and diversity. NEE is ranked No. 1 in the electric and gas utilities industry on Fortune's 2022 list of "World's Most Admired Companies," recognized on Fortune's 2021 list of companies that "Change the World" and received the S&P Global Platts 2020 Energy Transition Award for leadership in environmental, social and governance. For more information about NextEra Energy companies, visit our website www.nee.com

A history of best-in-class operations

NEE has been in business since 1925 and has been a leading operator of generation assets and energy efficiency projects. A Fortune 200 company, we are consistently recognized by our customers, suppliers, regulators, financing parties, and others for our efforts in sustainability, corporate responsibility, ethics, compliance, and diversity. NEE is ranked No. 1 in the electric and gas utilities industry on Fortune's list of "World's Most Admired Companies" and ranked in the top 25 on Fortune's list of companies that "Change the World."

Annual Reports

Our annual reports may be accessed online at:







<http://www.investor.nexteraenergy.com/reports-and-filings/annual-reports>

NextEra Energy, Inc.

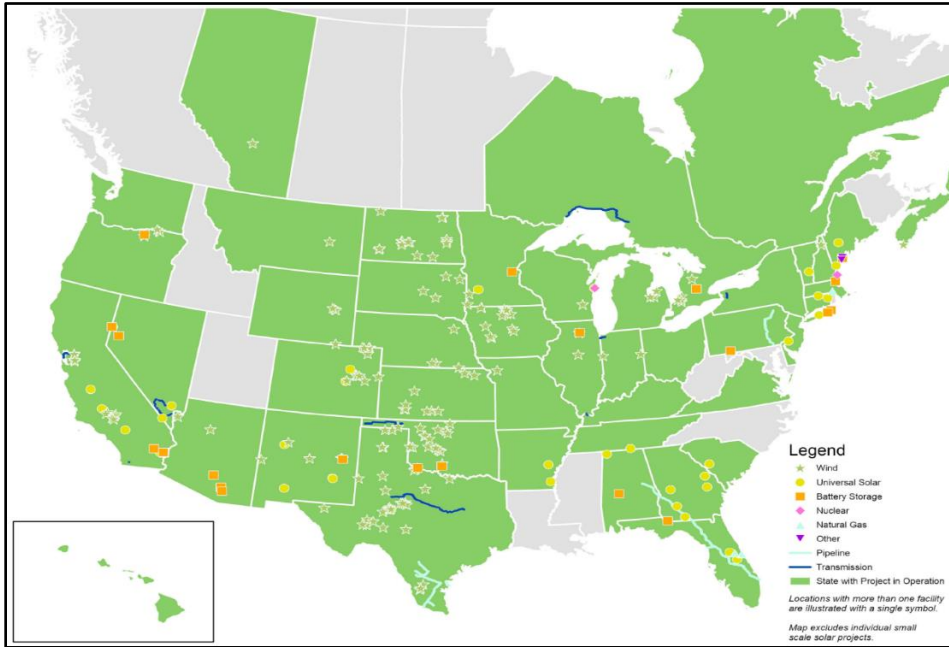
Our Values

We are Committed to Excellence
We Do the Right Thing
We Treat People with Respect

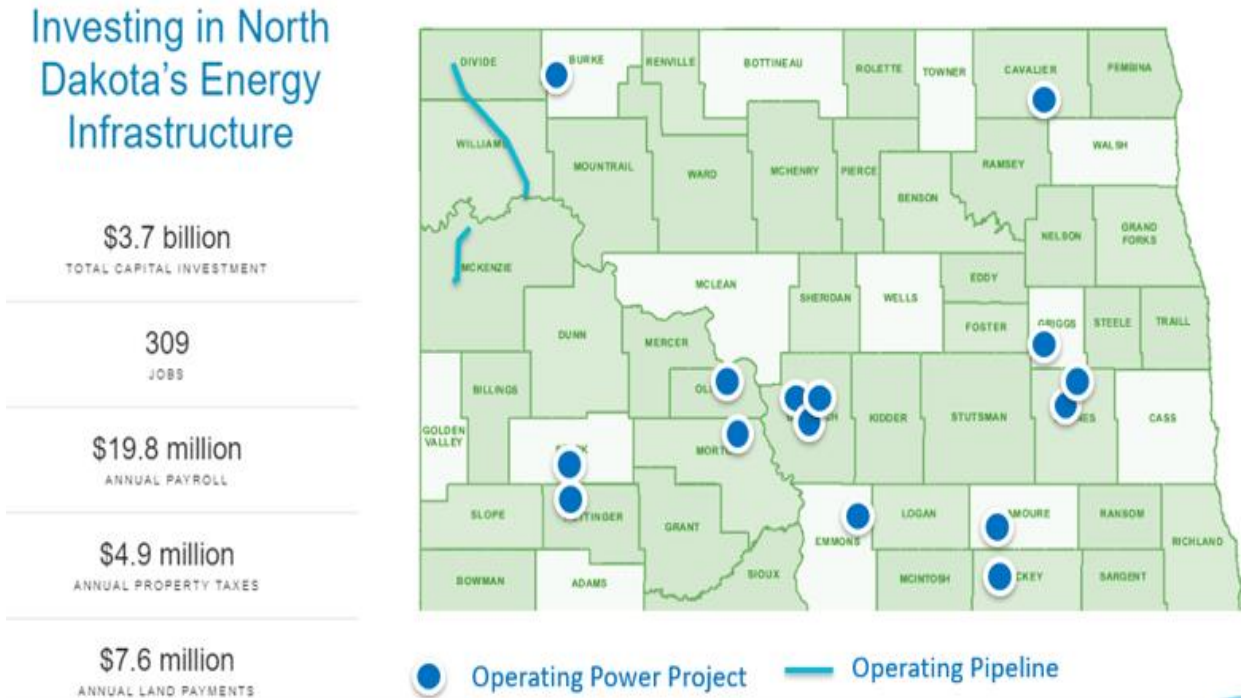
At a Glance

 ~\$114B infrastructure capital deployed since 2011	 \$158.9B total assets as of year-end 2022
 ~61,200MW Generating capacity as of year-end 2022	
 \$25.4B operating revenue in 2022	 ~16,800 employees as of year-end 2022
 49 states with operations and development projects	 4 provinces in Canada with operating assets
 ~92,700 miles of transmission & distribution lines	

Portfolio Map - 33.8 GW of generating capacity (YE2022)



NextEra's North Dakota Investments



Credit Ratings

	S&P	MOODY'S	FITCH
NextEra Energy, Inc.			
Issuer Credit Rating	A-	Baa1	A-
Outlook	Stable	Stable	Stable
Florida Power & Light Company			
Issuer Credit Rating	A	A1	A
Outlook	Stable	Stable	Stable
NextEra Energy Capital Holdings, Inc.			
Issuer Credit Rating	A-	Baa1	A-
Outlook	Stable	Stable	Stable

NextEra Development, an indirect, wholly owned subsidiary of NEER, is pleased to submit this application for CSEA’s post-production incentive for fertilizer production in North Dakota. NextEra Development hopes to demonstrate that our experience as a leading developer-owner-operator of renewable generation and carbon-free projects makes NextEra a strong fit to meet CSEA’s goals. This response aims to demonstrate NextEra’s reliable development and construction experience at predictable prices, optimized performance, and efficiency through a reliable supply of high-quality equipment that can be deployed timely, best-in-class installation standards, and sophisticated operation and maintenance protocols and deploys capital and resources to develop the project successfully on schedule.

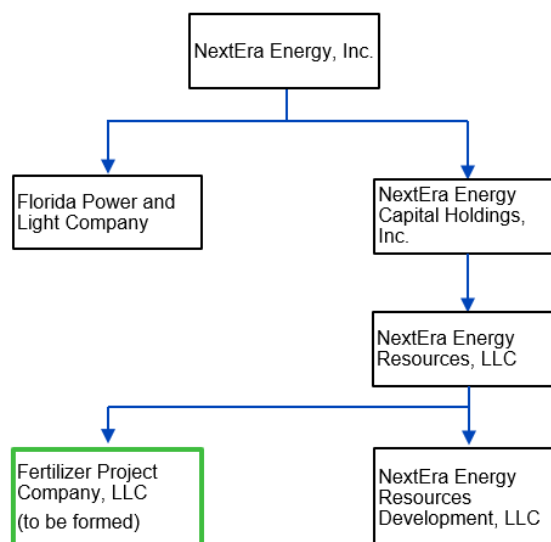


Figure 1. NextEra Organizational Chart

NextEra Development is uniquely positioned to support the state of North Dakota as the project team will have members that have worked on projects in North Dakota for over 20 years, resulting in NextEra’s current investment in the state of nearly \$3.7 billion. As a part of NextEra’s Hydrogen Development publicly announced pipeline, the company recently stated that it plans to invest up to \$20 billion in hydrogen projects highlighting NextEra’s commitment and focus on driving the green hydrogen economy.

NextEra Development is excited about the opportunity to collaborate with State of North Dakota and are fully capable to finance, install, and operate this large-scale commercial deployment of electrical fertilizer facility. Commitment from CSEA via post-production fertilizer incentive would help enable delivering carbon-free nitrogen-based fertilizer economically and consistently helping the agricultural community.

Experience Summary

Projects listed below highlight technical, financial, and project & construction management capabilities.

Cavendish NextGen Hydrogen Hub | Okeechobee, FL

Project Overview | Florida Power & Light Company (FPL)'s first-of-its-kind clean hydrogen pilot project in Florida is scheduled to achieve COD in Q4 2023 and will produce hydrogen to be blended in with gas plant. FPL's Cavendish NextGen Hydrogen Hub will help the company explore using clean hydrogen to offset the use of natural gas to run a traditional power plant. Built with state-of-the-art technology, the hydrogen hub pilot project draws from Florida's most abundant natural resources – water and solar – to produce clean hydrogen. As the FPL Cavendish Solar Energy Center operates, a portion of solar energy will flow directly to the grid to serve customers, while the rest will go to power hydrogen production equipment, including a series of electrolyzers. Each electrolyzer splits water into its two basic elements: hydrogen and oxygen. The oxygen is released harmlessly into the air, while the hydrogen will be compressed, stored, and blended with natural gas, and used as fuel to produce electricity that will provide affordable and clean energy for FPL customers across the grid.



For this project, a 5% blend of hydrogen will be tested in one of three natural gas combustion turbines. The FPL Cavendish NextGen Hydrogen Hub will help maximize learning opportunities as it continues to pursue its Real Zero goal of decarbonizing its power-generation by 2045 at the latest.

NextEra Wind Portfolio | Multiple Locations, North Dakota

Since 2003, NextEra Energy Resources’ subsidiaries have been helping fuel North Dakota’s economic growth and quality of life and moving North America toward energy independence.

In total, NextEra’s subsidiaries own and operate 15 wind energy centers and two pipelines in the state along with five wind projects in development.


NextEra Energy Resources' North Dakota Wind Energy Centers			
Name	County	# Turbines	MW
Ashtabula I	Barnes	99	148.5
Ashtabula II	Griggs, Steele	80	120*
Baldwin	Burleigh	64	102.4*
Brady	Stark	87	149.7*
Brady II	Hettinger, Stark	72	149*
Emmons-Logan	Emmons, Logan	102	200
Langdon I	Cavaller	79	118.5
Langdon II	Cavaller	27	40.5
New Salem (development)	Morton, Oliver	Up to 71	Up to 200
New Salem II (development)	Morton, Oliver	Up to 63	Up to 175
North Dakota	LaMoure	41	61.5
Northern Divide	Burke, Mountrail	74	197.9
Oliver	Oliver	22	50.6
Oliver II	Oliver	32	48
Oliver III	Morton, Oliver	48	99.3*
Oliver IV (development)	Oliver, Mercer	Up to 71	Up to 200
Prairie (development)	Nelson, Grand Forks	Up to 61	Up to 200
Red Butte (development)	Oliver	Up to 71	Up to 200
Wilton I	Burleigh	33	49.5
Wilton II	Burleigh	33	49.5

*Includes megawatts associated with noncontrolling interests related to NextEra Energy Partners, LP.


NextEra Energy Resources' North Dakota Pipeline Assets		
Pipeline Assets	Miles	Capacity
Flickertail	60	25 MMct/d
Wheatland	22	10,710 Bbl/d

Benefits of our energy investments in North Dakota

Approximately **\$3.8 billion** total capital investment



Approximately **\$24 million** annual payroll




\$8.6 million annual land payments



\$7.5 million in property taxes, 2022*

* Annual Property Taxes: Includes property tax and other indirect taxes. Internal data based on 2022 full year.

Wind energy is cost competitive*

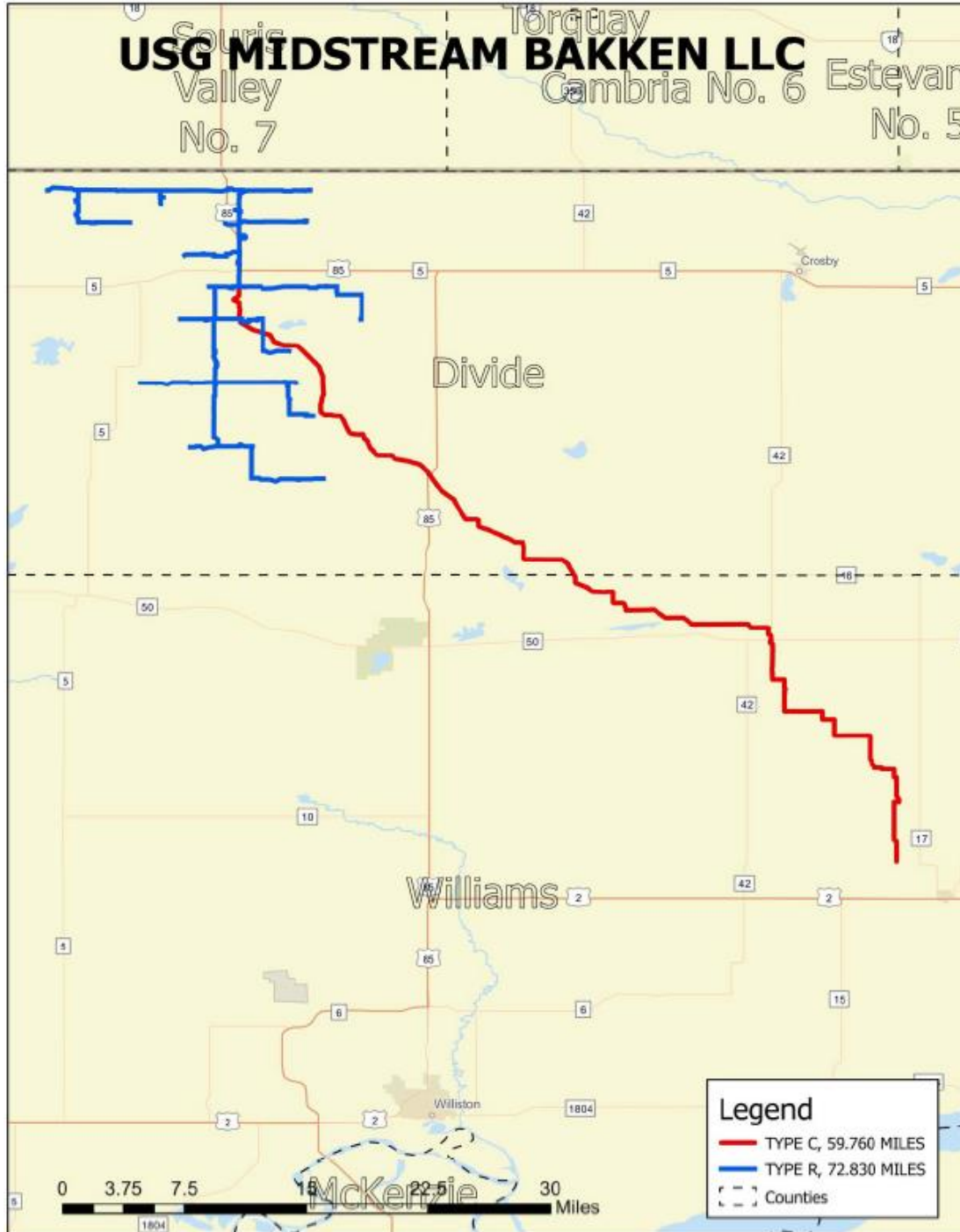
Since 2009, the cost of wind energy has decreased nearly

70%

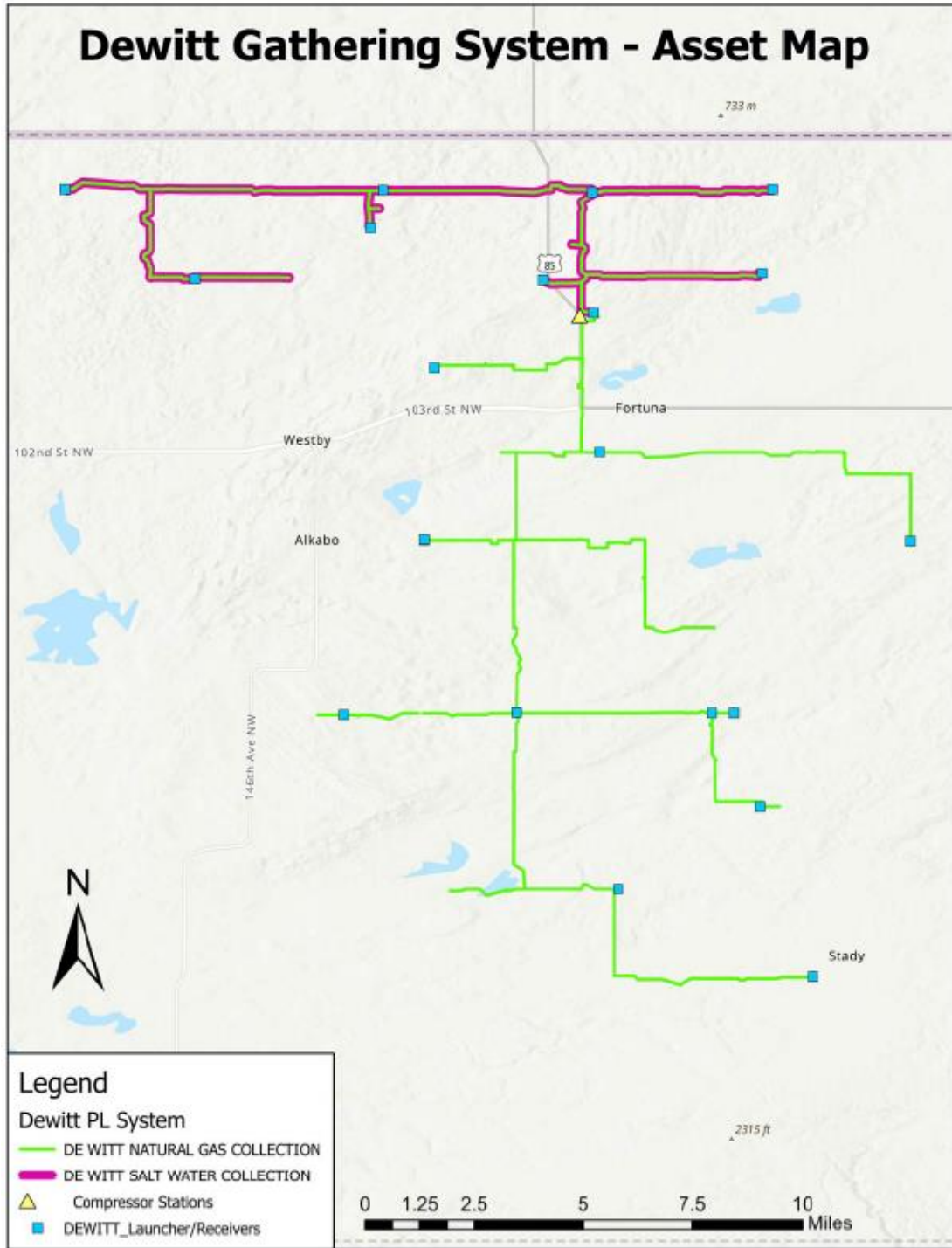
* Source: American Clean Power Association

NextEra Pipeline Portfolio | Multiple Locations, North Dakota

NextEra currently operates USG Wheatland Pipeline LLC. Wheatland Pipeline, LLC, transports oil volumes from producers in McKenzie County, North Dakota. The project includes approximately 22 miles of low pressure 8" pipeline and a 10,000-barrel oil storage tank system interconnecting with the Enbridge Pipeline Alexander oil terminal.

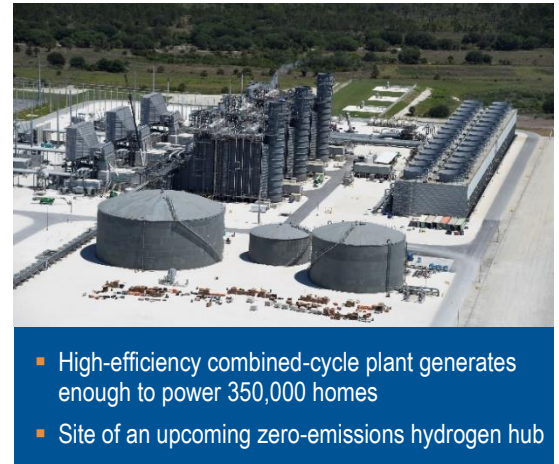


Additionally, NextEra also operates USG Midstream Bakken LLC that has 60 miles of 10" natural gas pipe along with 72 miles of 12" & 4" produced water pipe in North Dakota. These pipelines have been operating in Divide and Williams Counties with only one recorded leak and no safety violations.



Okeechobee Clean Energy Center & Hydrogen Pilot | Okeechobee County, FL

Project Overview | NextEra Energy Inc.'s wholly owned subsidiary, Florida Power & Light Company (FPL), built the Okeechobee Clean Energy Center to meet customers' growing energy demand. This high-efficiency power-generating facility fueled by clean, U.S.-produced natural gas and one of the cleanest, most efficient of its kind in the world. The facility has a generating capacity of approximately 1,750MW – enough to deliver power around-the-clock to more than 350,000 homes. This project is a modern 3x1 combined cycle utilizing three highly efficient GE 7HA.02 combustion turbines, three triple pressure Nooter/Eriksen Heat Recovery Steam Generators (HRSGs), and a Siemens SST6-5000 reheat condensing steam turbine, cooling tower heat rejection system, well field cooling and process water supply and underground injection wells. The project included a seven-mile natural gas supply lateral and new gas yard and a new 500kV switchyard, however, the plant was located adjacent to the existing 500KV transmission corridor, minimizing offsite transmission costs. Construction of the plant took 2 ¼ years and was completed on budget and ahead of schedule. The workforce averaged 290 workers and peaked out at approximately 650 workers. The new facility requires approximately 25 skilled positions for plant operations.



- High-efficiency combined-cycle plant generates enough to power 350,000 homes
- Site of an upcoming zero-emissions hydrogen hub

Delivery Type | Design Build Finance Own Operate

Infrastructure Involved | In addition to the combined-cycle plant, a large-scale solar energy center was constructed at the site, which has a positive impact on Okeechobee County and the State of Florida. Installed on ~550 acres, the solar center features ~330,000 solar panels producing 74.5MW of power with zero-emissions for customers - enough to power approximately 15,000 Florida homes and equivalent to removing approximately 12,000 cars from the road each year. There is also a planned \$65 million hydrogen pilot project to be constructed at the site. The hydrogen hub will use a portion of the zero-emissions solar energy to power the onsite ~25MW hydrogen electrolysis system, one of the largest electrolysis units of its type. The hydrogen produced will be compressed and stored on-site to be blended with natural gas being supplied to the Okeechobee Clean Energy Center when needed, creating cleaner energy that will be distributed across the grid.

Experience Gained | The ability to take a hands-on approach to project execution and manage all aspects of the development and construction of the new facility. The company performed permitting and conceptual engineering using internal resources and third-party consultants and procured the major equipment, including the combustion turbines, HRSG's, steam turbine and generator step-up transformer. Additionally, the company retained the services of a major EPC contractor to perform detailed engineering and construction of the plant under a fixed price, date certain contract.

Fleet Performance Diagnostic Center | Juno Beach, FL

Project Overview | NextEra's Fleet Performance Diagnostic Center (FPDC) is the world's largest monitoring and diagnostic center for energy generation. The FPDC provides world-class predictive analytics for all of NextEra Energy's operating assets, encompassing over 60 GWs of fossil, nuclear, solar, wind and battery energy storage. FPDC provides the ability to monitor plant performance remotely, compare the performance of like components on similar generating assets, and proactively identify potential issues. The FPDC contains a massive display wall that provides an at-a-glance view of the performance of more than 170 sites, including those throughout the U.S. and Canada. In 2020, FPL provided its customers with the most reliable service in the company's history, continuing a trend in which FPL has improved reliability by nearly 40% since 2006.



- 24-hour-a-day, seven-day-a-work monitoring
- World-class predictive analytics
- In 2020, awarded the ReliabilityOne® National Reliability Excellence Award

Infrastructure Involved | The FPDC monitors solar, wind, battery storage, nuclear and fossil fuel plants across United States and Canada. The center monitors more than two million data points per second. These data points help measure and demonstrate how each site is performing, how much energy it is generating, dispatch information and weather conditions. The expertise and cutting-edge technology provided by the FPDC saves the company and our customers a great deal of money, around \$18.5 million per year, by preventing and detecting anomalies before they become problems.



Experience Gained | The FPDC's constant and comprehensive monitoring of data points of generation assets has helped Florida Power & Light Company (FPL) track its electric service were better including the average amount of time a customer experienced an outage, the average number of outages and the average number of momentary interruptions or flickers. The company uses this data to continually strengthen and modernize the energy grid.



In 2020, for the fifth time in six years, FPL was awarded the ReliabilityOne® National Reliability Excellence Award, presented by PA Consulting to the regional-award recipient that has demonstrated sustained leadership, innovation and achievement in the area of electric reliability.



Additionally, below are few publicly announced clean hydrogen projects to highlight technical, financial, and transactional capabilities of NextEra Energy’s hydrogen Development team.



Cavendish NextGen H2 Hub

COD Q4 2023

NextEra Energy subsidiary Florida Power & Light Company began producing hydrogen at 25 MW electrolyzer facility at the Okeechobee Clean Energy Center in Florida. The project is online and is the largest green Hydrogen project in North America.



NextEra <> Linde Arizona Project

NextEra and Linde are collaborating to develop an up-to 120 ton-per-day electrolysis project in Arizona. The clean hydrogen produced by this facility will be used to support the decarbonization of the West Coast mobility and industrial markets.



NextEra <> CF Industries Project

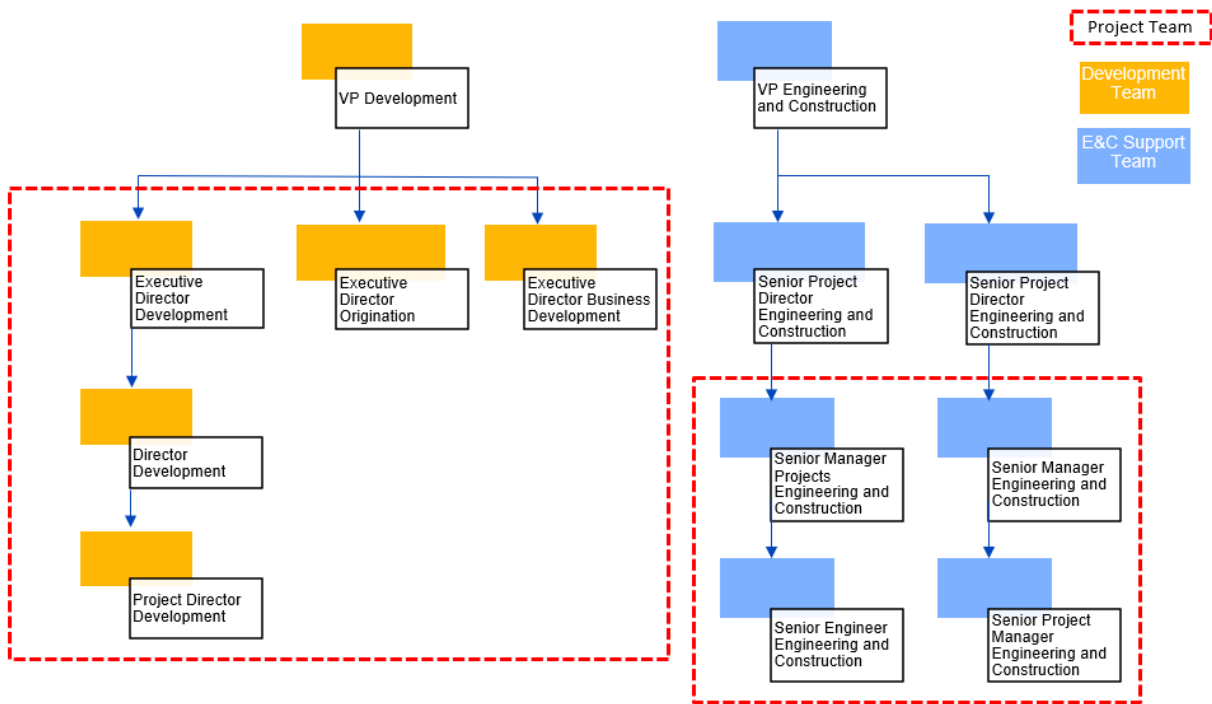
NextEra and CF Industries are collaborating to evaluate development of a 40 ton-per-day electrolysis project at CF Industries’ Verdigris Complex in Oklahoma. CF Industries would utilize the zero-carbon hydrogen produce fertilizer.



5. MANAGEMENT

NextEra has a seasoned management team capable of successfully managing complex projects with our internal engineering, estimating, construction management teams, and seamlessly transitioning projects to our experienced project operators. NextEra also has a Fleet Performance and Diagnostic Center, which is a twenty-four hour a day, seven day a week Control and Monitoring Center located in Juno Beach, Florida. This center operates all of NextEra’s renewable energy, natural gas, nuclear and hydrogen projects, to ensure world-class performance.

The Organizational Chart below shows the reporting structure for the key participants proposed by NextEra from Development, Origination, Development Services, and Engineering & Construction to support the Project. Detailed organizational chart and bios of key project team is presented in confidential appendix – A.



Project Team will include NextEra’s Renewable Development team having over 20 years of experience in ND

6. TIMETABLE

Given the unique technology, commercial scale and nature of this project, NextEra Development is expecting to need all permits and other regulatory approvals completed prior to financial close. The schedule listed below is indicative at this stage and is contingent upon NextEra applying and securing Interconnection and permitting. Detailed breakdown presented in confidential Appendix – A.

Task Name	Start	Finish
Project Development	2021	2024
Install, Integrate, Construct	2025	2028
Commercial Operations	2028 - 2029	

7. BUDGET

The total capital for the proposed Project is expected to be approximately \$1.3 Billion. The \$125MM post-production fertilizer development incentive from CSEA would represent approximately 10% of the total project capital expenditure while NextEra Development’s contribution would approximately be 90% of the total project capital. NextEra Development’s project capital includes the following project scope:

- Hydrogen electrolysis equipment
- Air separation unit
- Ammonia production loop
- Ammonia storage tanks
- Voltage transformation equipment
- Water treatment equipment
- Wind turbine power generation equipment
- Electric transmission lines
- Direct and indirect engineering, procurement, construction, and Owner’s costs

NextEra Development’s capital cost estimates reflect the current stage of engineering and development of the project and provide a budgetary estimate only. NextEra Development considers the cost of each of the line item listed above to be highly confidential in nature given the competitive and proprietary nature of these projects. A detailed breakdown of total project capital is presented in the budget table in confidential Appendix – A.

8. CONFIDENTIAL INFORMATION

A person or entity may file a request with the Commission to have material(s) designated as confidential. By law, the request is confidential. The request for confidentiality should be strictly limited to information that meets the criteria to be identified as trade secrets or commercial, financial, or proprietary information. The Commission shall examine the request and determine whether the information meets the criteria. Until such time as the Commission meets and reviews the request for confidentiality, the portions of the application for which confidentiality is being requested shall be held, on a provisional basis, as confidential.

If the confidentiality request is denied, the Commission shall notify the requester and the requester may ask for the return of the information and the request within 10 days of the notice. If no return is sought, the information and request are public record.

Note: Information wished to be considered as confidential should be placed in separate appendices along with the confidentiality request. The appendices must be clearly labeled as confidential. If you plan to request confidentiality for **reports** if the proposal is successful, a request must still be provided.

To request confidentiality, please use the template available at <http://www.nd.gov/ndic/CSEA-app-doc-infopage.htm>.

We have attached the confidentiality request document, which outlines the sensitive nature of the attached appendices and emphasizes the need for their security. We kindly request that the following items, be treated as confidential due to the competitive and protectionist nature:

Project Description
Management
Budget
Patents/Rights to Technical Data
Loan/Loan Guarantee Application
Business Plan
Timetable
Budgeted Projections
Other Appendices

These materials contain crucial information regarding our competitive advantage, encompassing our strategic direction, speed, and partnerships. Particularly, gives overview of our project planning, technology background and go-to-market strategy making it high risk of theft and replication. Therefore, it is of utmost importance that the confidentiality of these documents is maintained.

9. PATENTS/RIGHTS TO TECHNICAL DATA

Confidential (please see Appendix – A – Confidential Application)

10. STATE PROGRAMS AND INCENTIVES

NextEra has not participated in any programs or incentives from the State of North Dakota within the last five years.

APPENDIX – B : TRANSMITTAL LETTER

November 13, 2023

Clean Sustainable Energy Authority
North Dakota Industrial Commission
State Capitol – 14th Floor
600 East Boulevard Ave Dept 405
Bismarck, ND 58505-0840



Subject: Spiritwood Fertilizer Project - Clean Sustainable Energy Authority (CSEA) Post-Production Incentive Application

Dear Clean Sustainable Energy Authority:

NextEra Energy Resources Development, LLC (“NextEra Development”) which is a an indirect, wholly owned subsidiary of NextEra Energy Resources, LLC (“NEER”) is pleased to submit an electronic copy of its application for Clean Sustainable Energy Authority’s \$125 million post-production incentive towards electrolytic fertilizer development in North Dakota. A commitment from CSEA will support the commercial deployment of fertilizer production leveraging electrolysis of water in North Dakota (the “Project”). NextEra Development appreciates the opportunity to work with CSEA on this innovative program and is excited about the Project and the great opportunity it brings to North Dakota. Development of the Project would require selection by CSEA, a letter of commitment from Bank of North Dakota (BND), execution of definitive documents, and receipt of all requisite corporate management approvals.

This Project aims to provide the North Dakota market with stable supply adding fertilizer resiliency to the agricultural community in the state. The Project is expected to begin commercial operations between 2028 and 2029 and would generate hundreds of jobs and dozens of specialists’ positions as the Project develops in multiple phases.

The \$125 million post-production funding from CSEA is a strong incentive for deployment of an electrolytic fertilizer plant in North Dakota helping to diversify and grow North Dakota’s economy in a highly economic and sustainable manner.

If you have any questions, please contact Joseph Matteo, Executive Director – Development by email at joseph.matteo@nexteraenergy.com or by phone at 415-846-3058.

Sincerely,

A handwritten signature in blue ink, appearing to read "RM".

Ross Groffman
Vice President - Development
NextEra Energy Resources Development, LLC

Industrial Commission
Tax Liability Statement

Applicant:

NextEra Energy Resources Development, LLC

Applicant Contact Name: Ross Groffman, Vice President - Development

Phone: +1-561-304-5783

Email: ross.groffman@nexteraenergy.com

Application Title:

Spiritwood Fertilizer Project - Clean Sustainable Energy Authority (CSEA) Post-Production Incentive Application

Program:

- Lignite Research, Development and Marketing Program
- Renewable Energy Program
- Oil & Gas Research Program
- Clean Sustainable Energy Authority

Certification:

I hereby certify that the applicant listed above does not have any outstanding tax liability owed to the State of North Dakota or any of its political subdivisions.



Signature

Vice President - Development

Title

11/13/2023

Date

APPENDIX – D

LETTERS OF SUPPORT

November 13, 2023

Clean Sustainable Energy Authority
North Dakota Industrial Commission
State Capitol – 14th Floor
600 East Boulevard Ave Dept 405
Bismarck, ND 58505-0840



Subject: Letters of Support for Spiritwood Fertilizer Project’s Post-Production Incentive Application to Clean Sustainable Energy Authority (CSEA)

Dear Clean Sustainable Energy Authority,

NextEra Energy Resources Development, LLC (“NextEra Development”) which is an indirect, wholly owned subsidiary of NextEra Energy Resources, LLC (“NEER”) is pleased to submit an electronic copy of its application for Clean Sustainable Energy Authority’s \$125 million post-production incentive towards electrolytic fertilizer development in North Dakota. In addition to the application, NextEra Development is pleased to attach letters of support from interested parties and potential beneficiaries.

Table below outlines organizations that submitted a letter of support.

#	Name	Designation	Organization
1.	Doug Goehring	Agricultural Commissioner	ND Department of Agriculture
2.	Andrea Pfennig	Director	Greater ND Chamber
3.	Brenda Elmer	Executive Director	ND Corn Growers Association
4.	Kayla Pulvermacher	Executive Director	ND Grain Growers Association
5.	Mark Watne	President	ND Farmers Union
6.	Tyler Michel	Public Works Director	City of Jamestown
7.	Geneva Kaiser	General Manager	Stutsman Rural Water District
8.	Corry Shevlin	CEO - Development	Jamestown Stutsman County
9.	Dwaine Heinrich	Mayor	City of Jamestown
10.	Doug Darling	President	Lake Region State College
11.	Douglas Jensen	President	Bismarck State College



STATE OF NORTH DAKOTA
DEPARTMENT OF AGRICULTURE
600 E BOULEVARD AVE, DEPT 602
BISMARCK, ND 58505-0020

DOUG GOEHRING
COMMISSIONER

Oct. 20, 2023

Clean Sustainable Energy Authority
State Capitol 14th Floor
600 E. Boulevard Ave. Dept. 405
Bismarck ND 58505-0840

Dear Clean Sustainable Energy Authority,

I am writing in support of NextEra Energy's plan to develop a fertilizer production facility near Jamestown.

The facility would add value for the agriculture community by producing ammonia, a commonly used nitrogen fertilizer in the state. The fertilizer plays a vital role in the production of food and feed.

The project would also generate hundreds of jobs, including spots for skilled energy professionals, and would support food security in the state, nation and world.

Thank you for your consideration of NextEra Energy's project. If you have any questions, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to read "Doug Goehring".

Doug Goehring
Agriculture Commissioner



10/27/2023

Clean Sustainable Energy Authority
State Capitol 14th Floor
600 E. Boulevard Ave. Dept. 405
Bismarck, ND 58505-0840

Re: Letter of support for NextEra Energy's Spiritwood Green Ammonia Project in North Dakota
Dear Clean Sustainable Energy Authority,

On behalf of the Greater North Dakota Chamber (GNDC), this letter expresses our support for the green ammonia project proposed by NextEra Energy. GNDC is the largest business advocacy organization in North Dakota. From a policy standpoint, GNDC supports strategic investments in economic development.

NextEra Energy, a leading U.S. based investor and developer of energy infrastructure, aims to leverage the Clean Sustainable Energy Authority's (CSEA) Fertilizer Development Incentive to support the development of a fertilizer production facility in Stutsman County near Jamestown, North Dakota.

This project is expected to generate hundreds of jobs, dozens of specialists' positions and open the door to strategically developing STEM programs to develop long term talent locally in North Dakota. Commitment from the Clean Sustainable Energy Authority (CSEA) through a post-production incentive will help demonstrate that the Spiritwood Project is worthy of consideration by potential stakeholders.

Our purpose is to ensure businesses have the ability to grow North Dakota's economy and secure its position in the global market. Projects, like this one being proposed near Jamestown by NextEra Energy, will help deliver jobs during construction, full time jobs for management and maintenance once built, and money in the form of local taxes that will benefit our state for years to come.

Sincerely,

A handwritten signature in blue ink, appearing to read "Andrea Pfennig", is written over a light blue circular background.

Andrea Pfennig
Director of Government Affairs



October 27, 2023

Clean Sustainable Energy Authority
State Capitol 14th Floor
600 E. Boulevard Ave. Dept. 405
Bismarck, ND 58505-0840

Re: Fertilizer Development Incentive Application for North Dakota

Dear Clean Sustainable Energy Authority,

We understand there are plans to develop a fertilizer production facility in Stutsman County near Jamestown, North Dakota. The North Dakota Corn Growers Association, representing 13,000 growers across the state, is pleased to express our general support for in-state-projects that will greatly help with the North Dakota market currently subject to tremendous price spikes and sometimes supply shortages.

While we did not endorse specific projects or companies, we believe it necessary to convey the importance of local fertilizer development efforts. Corn growers have been disproportionately, negatively impacted by fertilizer shortages and price spikes. As the world population is expected to exceed nine billion by 2050, fertilizer will be needed more than ever to boost crop production to feed its inhabitants.

North Dakota is at the end of the fertilizer supply chain, which lends itself to greater price volatility, frequent supply shortages, and higher prices for producers. Ammonia is commonly half the price in the U.S. Gulf compared to our part of the country. Incentives to increase in-state fertilizer production will help ensure a more stable and more affordable fertilizer supply.

A project like this will not only benefit our state's growers, but is expected to generate many jobs and an economic development that will have a ripple effect throughout communities and the state.

Please consider funding a fertilizer project making a significant investment and leveraging the Clean Sustainable Energy Authority's (CSEA) Fertilizer Development Incentive. The funding will help our state's corn growers to better access locally produced fertilizer that will help with supply and affordable pricing. Thank you for your consideration.

Sincerely,

A handwritten signature in green ink that reads "Brenda Elmer".

Brenda Elmer
Executive Director

October 30, 2023

Clean Sustainable Energy Authority
State Capitol 14th Floor
600 E. Boulevard Ave. Dept. 405
Bismarck, ND 58505-0840

Re: Letter of support for NextEra Energy's Spiritwood Green Ammonia Project in North Dakota
Clean Sustainable Energy Authority (CSEA),

North Dakota Grain Growers (NDGGA) is pleased to provide a letter of support for NextEra Energy's as the company works to develop a fertilizer production facility in Stutsman County near Jamestown, North Dakota.

The Spiritwood project is important to the future of agriculture in the state. Not only will this project provide better access to fertilizer that is integral to a producer's operation, but the facility will also generate hundreds of jobs in the Jamestown area. Commitment from the CSEA through a post-production incentive will help demonstrate that Spiritwood Project is worthy of consideration by potential stakeholders.

Finally, the proposed Spiritwood Ammonia project presents opportunities for NDGGA to promote the facility through membership site visits, research projects and collaboration. As Executive Director, I am authorized to commit NDGGA's support of NextEra's project as described in this letter and am confident that NextEra will successfully fulfill project deliverables to the Clean Sustainable Energy Authority.

Sincerely,



North Dakota Grain Growers
Kayla Pulvermacher
Executive Director

October 27, 2023

Clean Sustainable Energy Authority
State Capitol 14th Floor
600 E. Boulevard Ave. Dept. 405
Bismarck, ND 58505-0840

RE: Letter of support for NextEra Energy's Spiritwood Green Ammonia Project in North Dakota

Dear Clean Sustainable Energy Authority,

On behalf of North Dakota Farmers Union (NDFU), I write to express our support for NextEra Energy's application for the Fertilizer Development Incentive Program. NDFU is North Dakota's largest general farm organization, representing more than 60,000 farm, ranch and member families. Expanding in-state fertilizer production capacity is a top priority for our members.

North Dakota's farmers and ranchers use over 700,000 metric tons of fertilizer annually.¹ Our state's current nitrogen production capacity is only half that demand, leaving our state's farmers to rely heavily on fertilizer produced outside the state. Moreover, nitrogen demand is growing. From 1987 to 2017, nitrogen use in North Dakota increased by 143%.² Global demand for ammonia is also expected to increase by 40% by 2050 to meet higher food demand for a growing world population.³

Expanding access to an in-state supply of fertilizer will help North Dakota farmers become more resilient. Over the last several years, global supply chain disruptions have caused fertilizer prices to skyrocket. From late 2021 through early 2023, nitrogen fertilizer prices were more than double the five-year average. While the markets slowly calmed through much of 2023, they have recently spiked due to low water levels on the Mississippi River, challenges with rail delivery and global conflicts.⁴

¹ Falcone, J.A. (2020). *Estimates of county-level nitrogen and phosphorous from fertilizer and manure for approximately five-year periods from 1950 to 2017 for the conterminous United States*. U.S. Geological Survey. Retrieved from <https://www.sciencebase.gov/catalog/item/5ebad56382ce25b51361806a>.

²*Id.*

³ International Energy Agency. (2021). *International Energy Agency*. Retrieved from <https://iea.blob.core.windows.net/assets/6ee41bb9-8e81-4b64-8701-2acc064ff6e4/AmmoniaTechnologyRoadmap.pdf>.

⁴ Dehlinger, K. M. (2023, Oct. 18). *DTN Retail Fertilizer Trends*. DTN/Progressive Farmer. Retrieved from <https://www.dtnpf.com/agriculture/web/ag/crops/article/2023/10/18/retail-anhydrous-fertilizer-price-16>.

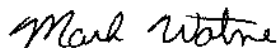
North Dakota is at the end of the fertilizer supply chain, which results in even greater price volatility, frequent supply shortages and higher prices for the state's producers. In fact, the Northern Plains ammonia price is commonly 50% higher than the price in the U.S. Gulf. Increasing in-state fertilizer production will help ensure a more stable and more affordable fertilizer supply.

NextEra's project would nearly double North Dakota's fertilizer production capacity, providing North Dakota producers with a more affordable and reliable supply of nitrogen fertilizer. Access to green ammonia would also position North Dakota producers to meet growing demand for lower carbon commodities.

While we cannot endorse any specific project, we appreciate the ongoing engagement we have had with NextEra over the last 18 months. We are impressed by the continued progress of the project and are confident its completion would create significant benefits for North Dakota producers.

Sincerely,

NORTH DAKOTA FARMERS UNION



Mark Watne
President





Tyler Michel
Public Works Director
102 3rd Ave SE
JAMESTOWN, ND 58401

701-252-5900 City Hall
701-952-5941 Direct
www.JamestownND.gov
TMichel@JamestownND.gov

October 27, 2023

Clean Sustainable Energy Authority
State Capitol 14th Floor
600 E. Boulevard Ave. Dept. 405
Bismarck, ND 58505-0840

Re: Letter of support for NextEra Energy's Spiritwood Green Ammonia Project in North Dakota

Dear Clean Sustainable Energy Authority,

Nextera Energy, a leading U.S. based investor and developer of energy infrastructure aims to develop a fertilizer production facility in Stutsman County near Jamestown, North Dakota. The City of Jamestown Public Works is pleased to provide a letter of support for NextEra Energy's fertilizer project as Nextera Energy aims to leverage the Clean Sustainable Energy Authority's (CSEA) – Fertilizer Development Incentive to support the project. Spiritwood project is expected to go COD between H2 2028 – H1 2029 and generate close to hundreds of jobs, dozens of specialists' positions and open the door to strategically developing STEM programs to develop long term talent locally in North Dakota. Commitment from the CSEA through a post-production incentive will help demonstrate that Spiritwood Project is worthy of consideration by potential stakeholders.

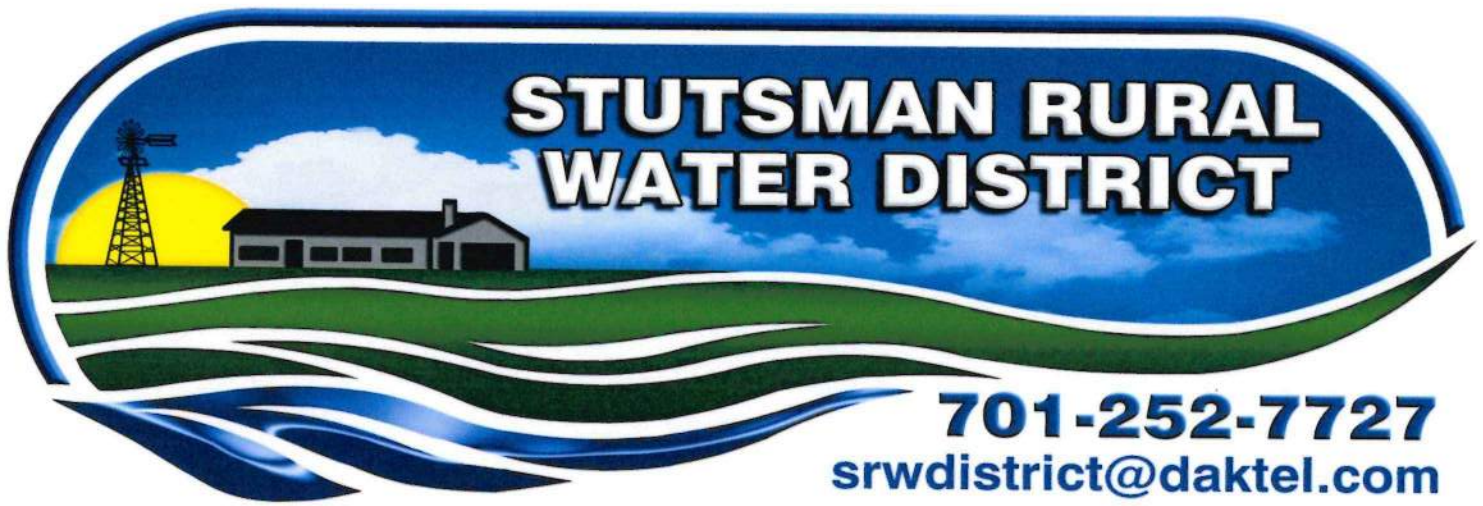
The City of Jamestown Public Works looks forward to working with Nextera Energy on its project to help bring revenue, jobs, people, and all the other ancillary items that come with a project of this magnitude to the city of Jamestown. Also, we will undoubtedly work together to help in any way we can with providing water and/or wastewater services to the project as it proceeds, and any of the other items that may come up throughout the project.

The proposed Spiritwood Ammonia project presents opportunities for the City of Jamestown Public Works to participate in internships, site visits and research projects. As Public Works Director, I am authorized to commit the City of Jamestown Public Works to support NextEra as described in this letter and have confident that NextEra will successfully fulfill project deliverables to the Clean Sustainable Energy Authority.

Sincerely,

A handwritten signature in blue ink that reads "Tyler Michel".

Tyler Michel
City of Jamestown Public Works Director



October 19, 2023

Clean Sustainable Energy Authority
State Capitol 14th Floor
600 E. Boulevard Ave. Dept. 405
Bismarck, ND 58505-0840

Re: Letter of support for NextEra Energy's Spiritwood Green Ammonia Project in North Dakota
Dear Clean Sustainable Energy Authority,

Stutsman Rural Water District (SRWD) is pleased to provide a letter of support for NextEra Energy, as it aims to develop a fertilizer production facility in Stutsman County near Jamestown, North Dakota. SRWD is in full support of NextEra Energy's fertilizer project as NextEra Energy aims to leverage the Clean Sustainable Energy Authority's (CSEA) – Fertilizer Development Incentive to support the project. The Spiritwood project is expected to generate nearly hundreds of good paying jobs; bolstering the local economy, and has the potential to employ and attract other specialized talent to the greater Jamestown area.

Stutsman Rural Water District is committed to working with NextEra Energy Resources ("NEER") to ensure an adequate dependable water supply for their future operations.

The proposed Spiritwood Ammonia project presents opportunities for Stutsman Rural Water District to increase water sales and have the ability to provide stable long term water rates to its rural agricultural and residential water users in the future. As General Manager, I am authorized to commit Stutsman Rural Water District to support NextEra as described in this letter and am confident that the NextEra Energy Spiritwood Green Ammonia Project is worthy of the support of the Clean Sustainable Energy Authority.

Sincerely,

Geneva Kaiser
General Manager

Fax: 701-252-8711
1812 Hwy. 281 North
Jamestown, ND 58401

General Manager
Geneva Kaiser
genevasrwdistrict@daktel.com

Distribution Manager
Jesse Hewson
jessesrwdistrict@daktel.com



DEVELOPMENT
JAMESTOWN / STUTSMAN COUNTY

10/18/2023

Clean Sustainable Energy Authority
State Capitol 14th Floor
600 E. Boulevard Ave. Dept. 405
Bismarck, ND 58505-0840

Re: Letter of support for NextEra Energy's Spiritwood Nitrogen Project in North Dakota

Dear Clean Sustainable Energy Authority,

Nextera Energy, a leading U.S. based investor and developer of energy infrastructure aims to develop a fertilizer production facility in Stutsman County near Jamestown, North Dakota. Jamestown/Stutsman Development Corporation is pleased to provide a letter of support for NextEra Energy's fertilizer project as Nextera Energy aims to leverage the Clean Sustainable Energy Authority's (CSEA) – Post-production incentive to support the project. Spiritwood project is expected to begin operations between H2 2028 – H1 2029, generate hundreds of jobs and dozens of specialists' positions as the project develops in multiple phases which will bring significant economic development to the local community and into North Dakota. Commitment from the CSEA through a post-production incentive will support development and large-scale commercialization of the Spiritwood Project.

The mission of the Jamestown/Stutsman Development Corporation is to develop employment, improve business conditions, and advance the interests of the City of Jamestown and Stutsman County. The Spiritwood Nitrogen project present many opportunities for the citizens, businesses and agriculture community in our region and State.

BSC and NextEra Energy Resources ("NEER") are committed to working together to ensure a robust talent pipeline of skilled energy professionals. NEER has made equipment and monetary donations and supports several advisory councils.

As Chief Executive Officer, I am authorized to commit Jamestown/Stutsman Development Corporation to support NextEra as described in this letter and have confident that NextEra will successfully fulfill project deliverables to the Clean Sustainable Energy Authority.

Sincerely,



Corry Shevlin

Chief Executive Officer

Job Growth + Business Expansion/Retention + Entrepreneurship Catalyst

CITY OF JAMESTOWN



NORTH DAKOTA

OFFICE OF MAYOR
102 THIRD AVENUE SOUTHEAST
JAMESTOWN, NORTH DAKOTA 58401

PHONE (701) 252-5900
FAX (701) 252-5903

October 19, 2023

Clean Sustainable Energy Authority
State Capitol 14th Floor
600 E. Boulevard Ave. Dept. 405
Bismarck, ND 58505-0840

RE: Letter of support for NextEra Energy's Spiritwood Green Ammonia Project in North Dakota

Dear Clean Sustainable Energy Authority,

NextEra Energy, a leading U.S. based investor and developer of energy infrastructure aims to develop a fertilizer production facility in Stutsman County near Jamestown, North Dakota. As Mayor of Jamestown, I am pleased to provide a letter of support for NextEra Energy's fertilizer project as NextEra Energy aims to leverage the Clean Sustainable Energy Authority's (CSEA) – post-production incentive to support the project.

The Spiritwood project is expected to being operations between the second quarter of 2028 and first quarter 2029 and generate hundreds of jobs and dozens of specialists' positions as the projects in multiple phases which will bring significant economic development to the local community and into North Dakota.

The City of Jamestown welcomes this opportunity to add jobs to the local workforce while also supporting our local agricultural economy. I am committed to working together with NextEra Energy and other stakeholders, to ensure a robust talent pipeline of skilled energy professionals.

The proposed Spiritwood Ammonia project presents opportunities for the City of Jamestown to participate in internships, site visits, research projects and employment. As Mayor, I am pleased to support NextEra as described in this letter and I am confident that NextEra will successfully fulfill project deliverables to the Clean Sustainable Energy Authority.

Sincerely,

Dwaine Heinrich, Mayor
City of Jamestown

October 19, 2023

Clean Sustainable Energy Authority
State Capitol 14th Floor
600 E. Boulevard Ave. Dept. 405
Bismarck, ND 58505-0840

Re: Letter of support for NextEra Energy's application to Clean Sustainable Energy Authority's Fertilizer Development Incentive for North Dakota's Spiritwood Green Ammonia Project

Dear Clean Sustainable Energy Authority:

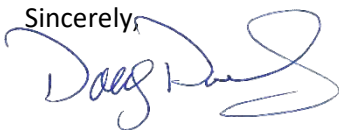
NextEra Energy, a leading U.S. based investor and developer of energy infrastructure, aims to develop a fertilizer production facility in Stutsman County near Jamestown, North Dakota. Lake Region State College (LRSC) is pleased to provide a letter of support for NextEra Energy's fertilizer project. NextEra Energy seeks to leverage the Clean Sustainable Energy Authority's – Fertilizer Development Incentive to support project feasibility. The project will generate significant jobs, dozens of specialists' positions and opens the door to strategically developing STEM programs to develop long term, North Dakota talent, locally.

Accredited since 1973, Lake Region State College, located in Devils Lake, North Dakota, serves a vital role in the community, region, state, and nation for preparing students for success. LRSC is home to distinguished Technical Trade programs including, Wind Energy Technician Program and Precision Agriculture Program. The programs produce exemplary technicians.

LRSC and NextEra are committed to working together to ensure a robust talent pipeline of skilled energy professionals. Collaborative efforts include, but are not limited to, internships, equipment donations, curriculum development, sponsorships and STEM camps. NextEra hires many LRSC graduates.

The proposed Spiritwood Ammonia Project presents opportunities for LRSC students to participate in internships, site visits, research projects and employment. Lake Region State College will provide community and workforce development/engagement support to help NextEra to successfully fulfill project deliverables to the Clean Sustainable Energy Authority.

Sincerely,



Doug Darling, Ph.D.
President



1500 Edwards Avenue
PO Box 5587
Bismarck, ND 58506-5587
701.224.5400

10/19/2023

Clean Sustainable Energy Authority
State Capitol 14th Floor
600 E. Boulevard Ave. Dept. 405
Bismarck, ND 58505-0840

Re: Letter of support for NextEra Energy's application to Clean Sustainable Energy Authority's Fertilizer Development Incentive for North Dakota's Spiritwood Green Ammonia Project

Dear Clean Sustainable Energy Authority:

NextEra Energy, a leading U.S.-based investor and developer of energy infrastructure, aims to develop a fertilizer production facility in Stutsman County near Jamestown, North Dakota. Bismarck State College, North Dakota's Polytechnic Institution (BSC) is pleased to provide a letter of support for NextEra Energy's fertilizer project. NextEra Energy seeks to leverage the Clean Sustainable Energy Authority's – Fertilizer Development Incentive to support project feasibility. The project will generate significant jobs, dozens of specialist positions and open the door to strategically develop STEM programs to develop long-term, North Dakota talent, locally.

BSC is the only polytechnic institution in North Dakota and is home to The National Energy Center of Excellence (NECE). The NECE advances education and training to support the energy sector. BSC and NextEra are committed to working together to ensure a robust talent pipeline of skilled energy professionals. NextEra has made equipment and monetary donations and supports several advisory councils.

The proposed Spiritwood Ammonia Project presents opportunities for BSC students to participate in internships, site visits, research projects, and employment. As BSC's President, I commit BSC to support NextEra as described in this letter. BSC will provide community and workforce development/engagement support to help NextEra successfully fulfill project deliverables to the Clean Sustainable Energy Authority.

Sincerely,

Douglas J. Jensen, Ed.D.
President