energyRe

PJM PRE-QUALIFICATION PACKAGE

Application for Designated Entity Status

SEPTEMBER 30, 2025

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Introduction

energyRe Giga-Projects USA, LLC (energyRe G-P) submits this pre-qualification application to the PJM Interconnection, LLC, Office of Interconnection, to fulfill the criteria for achieving Designated Entity status as described in the PJM Operating Agreement, Schedule 6, Section 1.5.8(a). This application highlights the qualifications, experience, capabilities, and financial strength of energyRe G-P and its affiliates, demonstrating their ability to deliver transmission projects in a timely and cost-effective manner.

energyRe G-P is indirectly owned and controlled by energyRe, LLC (energyRe) and was organized under the laws of the State of Delaware in October 2023. The entity was established with the explicit purpose of developing and operating high-voltage transmission assets and large-scale energy infrastructure in the United States. In December 2023, WindGrid USA, LLC (WindGrid), Elia Group SA/NV (Elia Group), acquired an indirect minority stake in energyRe G-P. Refer to Attachment 1 for the press release, which provides additional details on the agreement between energyRe and Elia Group.

Together, energyRe and Elia Group form a prominent player in the large-scale energy infrastructure and high-voltage transmission development industry, leveraging their respective strengths by building upon complementary expertise and capabilities. energyRe, energyRe G-P's parent, is an American energy company created to develop innovative infrastructure projects that meet growing electricity demand with affordable and reliable energy. Elia Group, energyRe G-P's investor and partner, is a leading high-voltage transmission developer, owner, and operator based in Europe.

[redacted]

1. Name and address of the entity, including a point of contact

The entity that is seeking Designated Entity status is energyRe Giga-Projects USA, LLC (energyRe G-P). energyRe G-P's address is 30 Hudson Yards, New York, NY 10001. The primary point of contact for this pre-qualification package is Nash Tahmaz, with secondary contacts being Nick Wagner and Derek Fry. See their contact information below.

	Primary Contact	Secondary Contacts	
Name	Nash Tahmaz	Nick Wagner	Derek Fry
Title	Senior Vice President, Head of Offshore & Project Development	Development Associate	Development Analyst
E-mail address	[redacted]	[redacted]	[redacted]
Address	30 Hudson Yards, New York, NY 10001	30 Hudson Yards, New York, NY 10001	1300 Post Oak Boulevard, Suite 1000, Houston, TX 77056

2. Technical and engineering qualifications of the entity or its affiliate, partner or parent company

The team combines resources, experience, and competencies from energyRe G-P, energyRe LLC, and Elia Group. It consists of a seasoned and diverse group of highly skilled energy experts with years of experience in designing, constructing, and operating complex transmission infrastructure, and has the expertise to address the specific challenges and demands of the PJM region. energyRe and Elia Group leverage their respective strengths by building upon complementary expertise and capabilities. energyRe brings local expertise with a highly experienced team, an established track record in the development of projects in the U.S., a solid pipeline of projects, and a strong network of relationships. Elia Group contributes with its strong transmission capabilities across development, construction and O&M, close relationships with global suppliers, strong HVDC expertise and experience in transmission planning, and solving congestion issues.

energyRe's experienced management team collectively has 200+ years of industry experience, and these individuals provide energyRe G-P with industry-leading capabilities in permitting and consenting, regulatory affairs, engineering, procurement, financial packaging, and construction management. It is also important to note that energyRe was founded by principals and co-founders of Related Companies, one of the largest privately owned real estate firms in the United States. As such, energyRe's board includes several members of Related Companies' executive team, fostering collaboration with Related's capabilities and extensive expertise in large-scale real estate and infrastructure acquisition, construction, and development in the United States. energyRe G-P recognizes the critical role of real estate in the development and construction of transmission projects and actively leverages Related's decades of experience to drive success in this area. [redacted]

The CVs of key energyRe G-P personnel can be reviewed in Attachment 2.

energyRe G-P *(Entity)*

Formed for the explicit purpose to develop and operate high-voltage transmission and large-scale energy infrastructure in the United States. The entity brings together industry-leading financial and technical capabilities, with backing from its parent company, energyRe, and its investor-partner, Elia Group. The energyRe G-P team consists of a seasoned and diverse group of highly skilled energy experts and engineers with years of experience in designing, constructing, and operating complex transmission infrastructure, possessing comprehensive knowledge of both AC and DC systems.

Following its indirect investment in energyRe G-P, Elia Group has committed significant support to energyRe G-P through capital, personnel, and expertise. This includes Europe-based engineers and technical experts supporting U.S. initiatives, as well as the launch of formal knowledge transfer programs. The complementary strengths of these industry players position energyRe G-P to play a pivotal role in the expansion of transmission infrastructure in the United States.

energyRe *(Parent)*

energyRe is a U.S.-headquartered, American-led energy company focused on developing innovative infrastructure projects that meet rising electricity demand with affordable and reliable energy. Its portfolio combines generation, transmission, and battery storage assets with a "community first" approach to project development, bringing together industry-leading expertise and local know-how.

The company's seasoned leadership team brings more than 200 years of prestigious experience from major energy firms such as EDP Renewables, NextEra, Engie, Related Companies, and TotalEnergies. energyRe has a diverse portfolio of projects across 17 states, including 16 GW of generation under development. These assets span wind, solar, battery energy storage systems, and offshore projects. Across all initiatives, the company emphasizes community engagement, public-private partnerships, and operational reliability.

Elia Group *(Investor-Partner)*

WindGrid is a [redacted] indirect U.S. subsidiary of Elia Group SA/NV, a leading high-voltage transmission developer, owner, and operator based in Europe, and a partial owner of energyRe G-P. The WindGrid entity focuses on transmission development in areas outside Elia Group's regulated territory, contributing its unparalleled proficiency as a trailblazer in electricity transmission system development, operations, and renewable energy integration to energyRe G-P. [redacted]

Elia Group operates as an electricity Transmission System Owner and Operator (TSO) through its subsidiaries Elia Transmission Belgium (ETB) and 50Hertz Transmission (50 Hertz). ETB is

the national and regional/local TSO for the high-voltage (70 kV to 400 kV) electricity grid in Belgium and 50Hertz is the TSO for the northern and eastern region of Germany. Operating nearly 12,000 miles of high-voltage transmission infrastructure and ensuring reliable power delivery to 30 million end-users with high reliability KPIs. Elia Group is committed to innovation, exemplified by first-of-its-kind projects such as the Kriegers Flak Combined Grid Solution, the world's first hybrid interconnector linking Germany and Denmark. The company's offshore and HVDC portfolio exceeds [redacted] with a robust [redacted] pipeline under construction and development. In addition to Elia Group's pioneering offshore transmission projects, the company is developing a long list of onshore projects to support a reliable and efficient grid, manage congestion, integrate renewable energy, and accommodate new types of electricity consumption.

Elia Group also has deep experience in procurement of equipment, materials, services, and major Engineering, Procurement, Construction, and Installation (EPCI) Contracts, in connection with the group's onshore and offshore transmission infrastructure, and ongoing projects in both development and construction. [redacted]

3. Demonstrated experience of the entity or its affiliate, partner or parent company to develop, construct, maintain and operate transmission facilities, including a list or other evidence of transmission facilities previously developed regarding construction, maintenance or operation of transmission facilities both inside and outside the PJM region

Both energyRe and Elia Group have proven experience in developing, constructing, maintaining, and operating transmission facilities, as well as the financial capacity to support such projects. For detailed project descriptions, key statistics, and accounts of notable facility failures with their corresponding remedies, please refer to Attachment 3.

energyRe G-P *(Entity)*

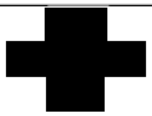
Since energyRe G-P's inception in 2023, the company has been actively prospecting and advancing high-value transmission opportunities. Backed by a dedicated development team with expertise across development, financing, design, and construction, the company brings a fully integrated approach to project delivery. energyRe G-P is currently moving one transmission project through development while actively prospecting new opportunities to expand its portfolio.

Project	Type	Voltage	Nameplate	Status	COD	Webpage
SOO-Green HVDC Transmission USA	Underground HVDC Transmission Cable	±525 kV	~2,100 MW	In Development	Est. 2032	Link

Elia Group *(Partner-Investor)*

Elia Group brings extensive experience in developing, constructing, maintaining, and operating onshore and offshore transmission facilities in Europe. The company has successfully developed, constructed, and commissioned many large high-voltage transmission projects, integrated these projects into its transmission systems, connecting them with neighboring systems, and maintaining these assets in operation. Committed to innovation, Elia Group is a pioneer in the industry, having developed a number of first-of-a-kind projects. Elia Group's proven track record in transmission development and operations provides a strong foundation for applying its work in the U.S. market.

The listed projects reached commercial operation within the past decade and are not intended to represent a comprehensive list. Additional onshore projects within Elia Group's 50Hertz service territory are available here, while additional offshore projects connected to the 50Hertz grid are provided here. A list of ongoing Elia Group projects located in and connecting to its ETB service territory is available here.

Project	Type	Voltage	Nameplate	Status	COD	Webpage
Modular Off-Shore Grid (MOG) Belgium						Link
Nemo Link Transmission Project Belgium – UK						Link
ALEGrO Interconnection Project Belgium – Germany						Link
Grid Connection 150 kV-AC for Baltic 1 and 2 Wind Farms						Link (Baltic 1); Link (Baltic 2)
Kriegers Flak Combined Grid Solution for Germany – Denmark Combined Grid Transmission						Link

Transmission Line for the Grid Connection of the Offshore Wind Farm Ostwind 1 Germany	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	Link
Transmission Line for the Grid Connection of the Offshore Wind Farm Ostwind 2 Germany	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	Link

4. Previous record of the entity or its affiliate, partner or parent company to adhere to construction, maintenance and operating standards

energyRe G-P has relevant experience adhering to construction, maintenance, and operating standards. This expertise is supported by many years of combined experience across energyRe G-P personnel, energyRe, Elia Group, and long-time relationships with OEMs and other service providers. energyRe G-P project management, engineering, material, and construction standards are developed in coordination between the project development team, construction manager, design & engineering firms, consultants, and OEMs. The design standards for all solutions proposed by energyRe G-P are consistent with all current code, standards, and regulations, including the applicable interconnecting TO(s). energyRe G-P meets or exceeds the interconnecting transmission owner's design practices where applicable. Designs are compliant with energyRe standards for assets that are owned and operated by energyRe G-P. The design criteria for the transmission owner will be applied to the point of interconnection as required to provide proper functionality for the asset. Please refer to Attachment 4 for energyRe G-P's design criteria and standards applicable to facility types such as transmission lines, structures, and converter stations.

energyRe G-P, energyRe, and Elia Group develop maintenance and operation procedures for the specific asset in collaboration with the OEMs and other service providers. Best practices are adopted to establish clear maintenance protocols, ensuring compliance with NERC, FERC, and ISO/RTO guidelines, implementation of condition-based and time-based maintenance strategies, and periodic reviews to update maintenance standards based on technological advancements. energyRe G-P is committed to maintaining compliance with the business, operational, and reliability standards and requirements set by FERC, NERC, and NPCC. At the core of energyRe's business models lies a focus on project development, long-term tenure, and operations, with a paramount emphasis on ensuring the longevity, reliability, and cost-effectiveness of its assets. [redacted]

[redacted]

To add, Elia Group brings a strong track record in delivering large-scale transmission infrastructure projects across Europe, with extensive experience in meeting demanding construction, maintenance, and operating standards. This experience in Europe provides a strong foundation for establishing good utility practice in the U.S., ensuring reliability in constructing, maintaining, and operating electric transmission facilities and remedying failures. The company is well-positioned to navigate U.S. regulatory requirements, supply chain challenges, and grid resilience needs, aligning with NERC and FERC standards to deliver efficient, secure, and sustainable transmission solutions.

5. Capability of the entity or its affiliate, partner or parent company to adhere to standardized construction, maintenance and operating practices

energyRe G-P and its development team have overall responsibility for the development, financing, design, and construction of a transmission project. energyRe G-P utilizes its internal capabilities while also leveraging the capabilities of its parent company and Elia Group to adhere to standardized construction, maintenance, and operating practices for electric transmission facilities. Elia Group brings a strategic approach to project execution, ensuring timely delivery, quality, and efficiency. The company is well-positioned to apply its proven methodologies in project execution, risk mitigation, and grid modernization to meet the unique challenges of the PJM region. energyRe G-P also leverages the expertise of third-party contractors and service providers, either specifically qualified or engaged through established frameworks in place to provide engineering and construction services, maintenance, and operating services.

energyRe G-P recognizes that de-risking project execution requires mature systems and tools (following the principles of the Project Management Institute, PMI) as well as firsthand EPC experience of the integrated project team. As such, energyRe G-P develops Project Implementation Plans to guide and inform the project management practices of a development. This comprehensive document establishes policies and procedures across the following topics:

- **Organization:** Contract Structure & Construction Manager, Project Organization, Construction/Contractor Entities, Stakeholders
- **Roles & Responsibilities:** Roles of the Owner/Partners, Role of the Owner's Engineers, Role of the Construction Manager (including cost & accounting, construction administration, legal)
- **Design & Pre-Construction:** Development & Planning, Design Process, Estimating, Value Engineering and Constructability Review

- **Project Management:** Schedule, Requisition Review, Scope Review / Change Orders, Quality Assurance & Control Plan, Document Control, Project Labor Agreement, Resource Management Plan, Environment, Health, & Safety Plan
- **Procurement & Contract Administration:** General Procurement and Contracting Guidelines, Engineering & Consultant Procurement, Procurement of the Construction Manager, Trade Contract Procurement and Approval Process, Change Order & Approval Process
- **Cost Management:** Financial and Accounting Structure, Development Costs, Tools & Software, Processes, Tracking and Reporting
- **Risk Management:** Risk Profile, Insurance Requirements, Vetting and Pre-Qualification Strategy, Bonding Strategy, Safety and Security
- **Outreach and Communications:** Stakeholder Management, Disadvantaged Communities Framework, and Labor Union Coordination

When it comes to leveraging the expertise of third-party service providers, energyRe G-P is committed to doing business with the most qualified vendors with no history or indication of dishonest business dealings. energyRe G-P uses a 2-step vendor vetting program, consisting of Initial Vendor Qualification and Post Bid Vendor Vetting, to ensure a fair bidding process with the most qualified contractors. This process is also utilized by energyRe G-P affiliate, WindGrid, and used in most of Elia Group's large infrastructure projects in Europe, with certain adjustments to account for specific EU procurement rules. Details on the Initial Vendor Qualification and Post Bid Vendor Vetting can be found in Attachment 5.

energyRe G-P also recognized the importance of proactive procurement and supply chain strategies to ensure the availability of critical equipment and components, and ultimately, the deliverability of a transmission facility project. Navigating the global supply chain limitations on transmission equipment, while encouraging and maximizing local and domestic content, energyRe G-P draws on product-specific experience and OEM supply chain leverage established by the integrated energyRe G-P and Elia Group team. [redacted]

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6. Financial statements of the entity or its affiliate, partner or parent company for the most recent fiscal quarter, as well as the most recent three fiscal years, or the period of the entity's existence, if shorter, or such other evidence demonstrating an entity's or its affiliates, partner's or parent company's current and expected financial capability acceptable to PJM

Attachment 6 contains financial statements for the energyRe G-P entity covering 2023, 2024, and Q1 2025. Note, the energyRe G-P entity was formed in October 2023. Additional details on energyRe G-P's corporate structure and capacity to finance electric transmission projects are provided below.

Entity & Organizational Structure

[redacted]

energyRe G-P *(Entity)*

[redacted]

[redacted]

Examples of both corporate-level and project-level capital raises are provided below:

energyRe LLC Corporate Capital Raise

- **Status:** Complete; closed February 1, 2024
- **Size of raise:** $1.2 billion (USD)
- **Financial advisory**: [redacted]
- **Description:** In June 2022, energyRe G-P's parent company, energyRe LLC, began a corporate-level capital raise with support from [redacted] to fund future growth activities. On December 4, 2023, energyRe announced a $1.2bn capital package, which successfully closed on February 1, 2024. This capital will support the expansion of the company's large-scale portfolio, which comprises utility-scale transmission and storage, onshore wind and solar generation, and offshore wind. In addition, a firm agreement was reached with Elia Group to acquire a stake in energyRe G-P, with Elia Group bringing its extensive industry expertise and experience to the partnership.
- **Source:** See Attachment 8 for more details.

Project Financing and Tax Equity Commitment – Lone Star Solar

- **Status:** Complete; announced April 29, 2024
- **Size of raise:** $155 million in project financing; $85 million tax equity commitment
- **Financial advisory**: Santander, Bank of America
- **Description**: The $155 million in project financing supports the Lone Star Solar and Battery Energy Storage System project. It includes construction debt, a tax equity bridge facility, and a letter of credit facility, with Santander serving as the Coordinating Lead Arranger. Bank of America committed $85 million in tax equity.
- **Source**: See Attachment 9 for more details.

Elia Group *(Investor-Partner)*

Elia Group is an established leader in grid infrastructure investment, having invested €3.8 billion in grid infrastructure projects from 2020 to 2022 and successfully commissioning 950 kilometers of transmission lines into service during this period. See Attachment 10 for more details.

Elia Group is one year into a multi-billion capital investment plan for grid infrastructure projects (2024-2028), reinforcing its commitment to meet growing electricity demand. The investment covers both onshore and offshore transmission infrastructure and will further integrate Belgium and Germany into the European electricity system. See Attachment 11 and Attachment 12 for more information.

The company has consistently demonstrated its ability to secure both equity and debt financing, leveraging its financial strength to drive development initiatives. Examples of recent Elia Group financing efforts are listed below.

Elia Transmission Belgium Capital Raise – Green Credit Facility

- **Status:** Complete; closed October 25, 2024
- **Size of raise:** €650 million (Euro)
- **Financial advisory**: European Investment Bank (EIB)
- **Description:** The proceeds are earmarked for the realization of the first phase of the Princess Elisabeth Island project. The agreement broadens Elia's financing portfolio and underpins a significant contribution to energy security and European competitiveness.
- **Source:** See Attachment 13

Elia Group Capital Raise – Bond Issuance

- **Status:** Complete; settlement of the bond executed June 11, 2024
- **Size of raise:** €600 million (Euro)
- **Financial advisory:** Belfius, BNP Paribas, Citigroup, and NatWest Markets acting as joint bookrunners for the transaction
- **Description:** The net proceeds of Elia Group's successful €600 million bond placement are intended to be allocated to General Corporate Purposes, including financing of Eurogrid and refinancing existing indebtedness. The bonds are listed on the Euro MTF market, operated by the Luxembourg Stock Exchange, and were rated BBB- by S&P Global at the time of issuance.
- **Source:** See Attachment 14

Elia Group Capital Raise – Hybrid Securities Issuance

- **Status:** Complete; closed March 8, 2023
- **Size of raise:** €500 million (Euro)
- **Financial advisory**: Citi with Belfius, BNP Paribas, ING and NatWest Markets acting as joint bookrunners
- **Description:** Elia Group successfully issued €500 million in hybrid securities to support its strategic financial management and grid expansion plans.
- **Source:** See Attachment 15

Elia Group Transmission Belgium Capital Raise – Green Bond Issuance

- **Status:** Complete; transaction closed on January 11, 2023
- **Size of raise:** €500 million (Euro)
- **Financial advisory**: Belfius, BNP Paribas, ING and NatWest Markets
- **Description:** ETB successfully issued its inaugural €500 million Green Bond under its €3 billion Euro Medium Term Notes (EMTN) program. The bonds are listed on the Euro MTF Luxembourg Stock Exchange, and were rated BBB+ by S&P Global at the time of issuance. The proceeds from this issuance will be used to finance or refinance eligible green projects defined under Elia's Green Finance Framework.
- **Source:** See Attachment 16

7. Commitment by the entity to execute the Consolidated Transmission Owners Agreement, if the entity becomes a Designated Entity

energyRe G-P commits to execute the Consolidated Transmission Owners Agreement (CTOA) if granted Designated Entity status.

8. Evidence demonstrating the ability of the entity or its affiliate, partner or parent company to address and timely remedy failure of facilities

energyRe G-P *(Entity)*

energyRe G-P will utilize its internal capabilities and competencies, while also leveraging its parent company and Elia Group, to acquire additional capabilities to address and remedy the failure of transmission facilities in a timely manner. Focusing on areas such as forced outage response, emergency response, preventive maintenance, critical equipment inventory, and real-time operations to both prevent and respond to facility failures.

Forced Outage Response

energyRe G-P plans to implement a robust Forced Outage Response Plan and Procedures to ensure minimal downtime and rapid restoration of electric transmission operations. The plan will be supported by a dedicated system operations center and backup facilities, ensuring 24/7 monitoring and response capabilities. This will be achieved through the development and operation of a NERC-compliant system operations center or by contracting services from an existing NERC-compliant Transmission Operator (TOP).

Key elements of this plan include:

- A centralized outage response system utilizing real-time monitoring and fault detection.
- Pre-established emergency protocols to deploy repair crews and equipment swiftly.
- Coordination with the ISO/RTOs for rapid fault resolution.
- Utilization of advanced analytics for root cause identification and mitigation.
- Redundant communication channels to ensure information flow during outages.

Emergency Response

energyRe G-P will draw on its affiliates' extensive experience in Europe with emergency repair, testing, and rapid response. Its emergency response procedures focus on protecting life, limiting outage impacts, ensuring safety, and restoring power quickly. To support this, energyRe G-P will maintain a business continuity plan, a system defense plan, a restoration plan, and a crisis management plan based on Standardized Emergency Preparedness Plans (SEPPs).

Regular crisis team exercises and theoretical/practical training sessions for system operators will be conducted to enhance response times, while predictive maintenance tools will help prevent failures before they occur.

Maintenance and operation procedures for specific assets are to be developed and will include re-energization procedures with the necessary testing and verification steps. Service agreements with relevant OEMs and contractors for said assets will include necessary provisions to ensure swift response times.

energyRe G-P will ensure emergency response capabilities by leveraging extensive expertise in fault detection and rapid repair through the following measures:

- Deployment of mobile emergency response units positioned for rapid dispatch.
- Pre-established mutual aid agreements with regional utilities for additional support.
- Real-time condition monitoring systems to proactively identify potential failures.
- Conducting periodic system-wide emergency response drills to enhance readiness.
- Performance metrics tracking to continuously improve response times and effectiveness.

Preventive Maintenance

Understanding the replacement frequency and availability linked to key parts & equipment is needed to establish a sound O&M strategy throughout the lifecycle of the asset, improving the reliability of the asset and ultimately the electrical system. energyRe G-P will develop a maintenance strategy in close collaboration with OEMs. A comprehensive preventive and predictive maintenance program will be implemented, leveraging Elia Group's expertise in advanced asset management techniques and predictive maintenance models, with a clear focus on preventive rather than reactive maintenance. Asset maintenance will be conducted based on the system operation and maintenance manuals provided by the OEMs. Key elements of this program include:

- Regular condition-based monitoring and diagnostics using infrared thermography, ultrasonic testing, and partial discharge detection.
- Implementation of advanced asset management software to track maintenance schedules and predict equipment failure.
- Vegetation management programs ensuring right-of-way (ROW) clearance and compliance with NERC standards.
- Routine testing of critical components, including circuit breakers, transformers, and protective relays.
- Deployment of predictive maintenance techniques and online monitoring.

Critical Equipment Inventory

Proactive procurement and supply chain strategies will ensure the availability of critical materials, tools, and equipment. energyRe G-P collaborates with OEMs and TSOs to standardize

and secure key assets, ensuring reliability and efficiency. Material, tools, vehicles, and equipment are acquired based on specific asset requirements. energyRe G-P recognizes the critical importance of supply chain management due to the limited number of qualified manufacturers worldwide for large transmission equipment (converters, cables, etc.) and increasing market pressures. [redacted]

To add, Elia Group, has extensive experience with maintenance and management of parts and equipment in Europe, including the operation of a robust spare parts inventory system for high-voltage substations, overhead lines, and underground cables. This inventory strategy ensures critical assets are readily available for emergency replacements, minimizing downtime. Knowledge and best practices developed by Elia Group will be shared with energyRe G-P for potential application within a U.S. context.

Real-Time System Operations

energyRe G-P does not currently own or contract control center services but anticipates the need for such capabilities to support future transmission facility operations. To meet this need, energyRe G-P plans to establish a NERC-compliant system operations center and back-up facilities to coordinate transmission system operations of its U.S. assets, or alternatively, contract services with an existing NERC-compliant Transmission Operator (TOP).

The envisioned location for the primary facility and for the backup facility will be determined. A back-up facility will be fully operational, providing redundancy and functionality. The facility will provide 24/7 monitoring of grid conditions and response capabilities, including balance management, voltage control, and congestion mitigation. The operating staff will be trained in accordance with relevant requirements and applicable asset procedures. Additionally, experience exchanges with operations staff will be established to enhance knowledge sharing and best practices. Any contracted third-party TOP will be required to meet the same standards.

Elia Group *(Investor-Partner)*

Elia Group has extensive experience developing and constructing robust, reliable, and innovative grid infrastructure. Elia Group owns and operates two Transmission System Operators (TSOs), Elia Transmission Belgium (ETB) and 50Hertz Transmission (50 Hertz). ETB is the national and regional/local TSO for the very high and high voltage (70 kV to 400 kV) electricity grid in Belgium, and 50Hertz is the TSO for the northern and eastern region of Germany. Through these two entities, Elia operates nearly 12,000 miles of high-voltage transmission and serves over 30 million end users, positioning the company as one of Europe's top 5 system operators. Well-established business continuity plans and crisis response exercises are in place to minimize disruptions and test emergency preparedness, ensuring swift and efficient responses to unexpected challenges.

Elia Group's 2023 and 2024 Annual Reports note that ETB has operated at a grid reliability rate of above 99.9% for each of the last four years of reporting (2021 - 2024), while 50Hertz reported grid reliability rates of 99.8% (2024), 99.7% (2023), 99.8% (2022), and 99.8% (2021). This metric is based on interruption time and applies to 30-380 kV infrastructure for ETB and 220-380kV infrastructure for 50Hertz. For additional metrics on Elia Group's operational performance and grid reliability, please refer to Attachment 17.

Examples of how facility-specific transmission failures were addressed are included in the project descriptions in Attachment 3. Elia Group's high level of operational performance and sector-specific knowledge, illustrated by high operational performance KPIs and its proven ability to address facility failures, underlines its attractiveness as a partner.

9. Description of the experience of the entity or its affiliate, partner or parent company in acquiring rights of way

energyRe G-P leads routing and siting efforts but also leverages support from Elia Group and third-party environmental, real estate, and rights-of-way consultants to support routing and siting feasibility activities.

The combined resource capabilities include experts in power flow performance modeling, substation engineering & design, transmission engineering & design, construction, use and occupancy agreements, local real estate, environmental resource permitting, local county and state construction permitting requirements, and stakeholder communications. These resources conduct an integrated review of feasible siting and routing alternatives. This expertise is used to support the identification and selection of viable transmission corridors, routes, and converter station/substation components for identified transmission solutions.

The overall goal of the route evaluation process is to identify solutions with the least impacts to land use, community resources, and sensitive environmental and historic resources while also considering engineering and construction feasibility and balancing overall cost. Successful routing of the project will be a function of permitting, engineering, and community input with the objective of identifying the most efficient routing that is technically feasible while appropriately balancing the relevant competing interests.

energyRe G-Ps routing and siting approach begins with the identification of a broad study area. The initial route screening constraint criteria based on submarine and terrestrial transmission line design criteria and constructability, land use and natural resource data collected for the Study Area. energyRe G-P evaluates opportunities, constraints, technical guidelines, and regulatory guidelines in the development of potential routes.

- **Opportunities** – Pre-existing linear infrastructure or features (i.e., existing transmission line corridors, existing rights-of-way (ROW)) along which transmission line development is potentially compatible.
- **Constraints** – Resources or conditions that can potentially limit transmission line development and may include areas restricted by regulations (i.e., wildlife management areas), or where impacts to these resources would be very difficult or impractical to mitigate (i.e., restricted airspace).
- **Technical Guidelines** – The cost and specific engineering and land-related requirements and objectives of the proposed project. The technical limitations related to design, construction, ROW requirements, environmental resources and/or reliability concerns.
- **Regulatory Guidelines** – Local, State and/or Federal permits, approvals, and authorizations required to build and operate the proposed project. Data reviewed includes readily available information from federal, state, and local agencies; government and non-governmental organizations; peer-reviewed scientific literature; reconnaissance surveys; and stakeholder comments on projects that are going through permitting. Datasets are chosen based on their interaction with the study area and their relevance to the routing criteria.

Data reviewed includes readily available information from federal, state, and local agencies; government and non-governmental organizations; peer-reviewed scientific literature; reconnaissance surveys; and stakeholder comments on projects that are going through permitting. Datasets are chosen based on their interaction with the study area and their relevance to the routing criteria.

To add, GIS analysis is used to support constructability assessments, which support solution development and includes:

- Cable spacing analysis
- Percent slope analysis

- Sediment analysis
- Infrastructure crossing tables
- Cross-section analysis
- Constraint overlay and heat map analysis

Commitment to Open and Responsive Community Engagement

At energyRe, honest and effective community engagement isn't just an important tool for project development; it is the foundation of everything the company does. Every project, whether in generation or transmission, is built on trust, collaboration, and respect for the communities we serve.

energyRe recognizes that infrastructure projects succeed or fail based on the strength of local partnerships. Opposition that begins as skepticism can become one of the greatest risks to construction. But the company also believes that when communities are engaged authentically, they can become our strongest allies. That's why energyRe views community engagement not as a checkbox, but as an ongoing commitment.

Guiding principles for engagement include transparency, partnership, accessibility, responsiveness, accountability, and long-term commitment. The company's approach emphasizes hiring locally and building trust, prioritizing accessibility, and responding to concerns and adapting together.

Additional details on the tools and activities utilized for planning and executing public outreach can be found in Attachment 18. These efforts may vary depending on the current phase of the project, public health conditions, direction from regulatory agencies, and the most effective channels for disseminating information to reach the target audience.