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MISSOURI PUBLIC SERVICE COMMISSION

FILE NO.

EA-2022-0234

DIRECT TESTIMONY

OF

DANIEL MAYERS

ON

BEHALF OF

NEXTERA ENERGY TRANSMISSION SOUTHWEST, LLC

JULY 7, 2022

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1 **I. INTRODUCTION**

2 **Q. Please state your name and business address.**

3 A. My name is Daniel Mayers. I work for NextEra Energy Resources, LLC (“NEER”)
4 at 700 Universe Boulevard, Juno Beach, Florida 33408.

5 **Q. What is your position with NEER?**

6 A. I am the Director of Transmission and Substation Engineering within the
7 Engineering & Construction (“E&C”) organization at NEER, working as a shared service
8 employee on behalf of NextEra Energy Transmission Southwest, LLC (“NEET Southwest” or the
9 “Applicant”). As the Director of Transmission and Substation Engineering, one of my primary
10 roles is to coordinate or provide support for the development of new transmission systems,
11 including right of way (“ROW”) identification and selection, land acquisition, permit acquisition,
12 system engineering, specification and standards development, material and services procurement,
13 construction management, commissioning, system integration, compliance, and project close-out
14 in highly regulated, environmentally sensitive, multi-system operational environments.

15 **Q. Please describe your educational background and employment experience.**

16 A. I have over 38 years of experience in transmission system planning, substation, and
17 transmission line design and engineering, transmission line siting and permitting, project
18 management, and construction at both NEER and its regulated utility affiliate in Florida, Florida
19 Power & Light Company (“FPL”). I hold a Bachelor of Science Degree in Electrical Engineering
20 from the University of Pittsburgh and a Master of Science Degree in Engineering Management
21 from the University of South Florida.

22 **Q. Has this direct testimony been prepared by you or under your direct**
23 **supervision?**

24 A. Yes, it has.

1 **Q. Have you previously provided testimony before the Missouri Public Service**
2 **Commission (“Commission”)?**

3 A. No, I have not.

4 **Q. Have you previously provided testimony before any other regulatory**
5 **commission?**

6 A. A. Yes, I have testified before a number of state regulatory commissions on behalf
7 of various NextEra Energy Transmission, LLC (“NEET”) and NEER subsidiaries:

- 8 • I testified on behalf of NEET Southwest in support of the Kansas portion of the
9 Project in the in the matter currently before the Kansas Corporation Commission
10 (“KCC”) in Docket No. 22-NETE-419-COC;
- 11 • I served as a witness before the Ontario Energy Board (“OEB”) on behalf of
12 NextBridge Infrastructure LP (“NextBridge”) in its Leave to Construct Application
13 for the East-West Tie Transmission Project (Docket No. EB-2017-0182) and in the
14 Hydro One Networks, Inc.’s Leave to Construct Application for the Lake Superior
15 Link (Docket No. EB-2017-0364). I also filed testimony before the OEB in Docket
16 Nos. EB-2017-0194, regarding NextBridge’s Leave to Construct, as well as the
17 OEB’s Docket No. EB-2021-0276, NextBridge’s revenue requirement case.
- 18 • I testified before the California Public Utilities Commission (“CPUC”) in Docket
19 No. A.15-08-027 on behalf of NEET subsidiary, Horizon West Transmission, LLC
20 (“Horizon West”), in obtaining a certificate of public convenience and necessity for
21 the Suncrest Dynamic Reactive Power Support Project.
- 22 • I testified before the South Dakota Public Utility Commission in Docket No. EL17-
23 050 in support of the application of a NEER subsidiary, Crowned Ridge Wind,
24 LLC, for a facility permit to construct a 230 kV transmission line and associated
25 facilities from Codington County to the Big Stone South Substation. □
- 26 • I filed testimony before the State of New York Public Service Commission (“New
27 York PSC”) in Docket Nos. 13-T-0455 and 13-T-0456 related to NextEra Energy
28 Transmission New York, Inc.’s (“NEETNY”) proposals to develop the Marcy to
29 Pleasant Valley transmission project and the Oakdale to Fraser transmission
30 project, as well as in New York PSC Docket No. 18-T-0499 in support of 31
31 NEETNY’s application for a Certificate of Environmental Compatibility and
32 Public Need Pursuant to Article VII of the Public Service Law for the Construction
33 of a 20 Mile 345 Kilovolt Transmission Line Located in the Town of Royalton,
34 Niagara County, and the Towns of Alden, Newstead, Lancaster, and Elma in Erie
35 County.

- 1 • I testified before the Maine Public Utilities Commission in Docket 2014-00048 in
2 support of NEET subsidiary New Hampshire Transmission, LLC’s proposal to
3 develop a transmission solution to address reliability problems in Northern Maine.
- 4 • Finally, I filed testimony before the Public Utility Commission of Texas (“PUCT”)
5 in Docket Nos. 40020 and 42469, on behalf of NEET subsidiary, Lone Star
6 Transmission, LLC (“Lone Star”), in its two rate cases. I also testified before the
7 PUCT in Docket No. 38230, which related to Lone Star’s application for a
8 certificate of convenience and necessity.

9 **Q. What authority is the Applicant seeking to obtain in this proceeding?**

10 A. The Applicant is seeking to obtain a Certificate of Public Convenience and
11 Necessity (“CCN”), pursuant to 393.170.1 RSMo., to become a transmission-only public utility in
12 Missouri and to construct, own, operate, and maintain a 345 kV transmission line project that will
13 connect the existing Blackberry Substation in Jasper County, Missouri with the existing Wolf
14 Creek Substation in Coffey County, Kansas (the “Project” or the “Wolf Creek-Blackberry
15 Project”). The Missouri portion of the Project will be approximately nine miles, traversing through
16 portions of Barton and Jasper counties. The Kansas portion of the proposed Project will be
17 approximately 85 miles, traversing through Coffey, Anderson, Allen, Bourbon, and Crawford
18 counties, for a total Project length of approximately 94 miles. The Project was identified by the
19 Southwest Power Pool, Inc. (“SPP”) as required to address multiple needs identified in the 2019
20 Integrated Transmission Planning (“ITP”) process, including an economic need to increase the
21 transmission capability from west to east within SPP.

22 **Q. What is the purpose of your testimony?**

23 A. The purpose of my testimony is to:

24 • Demonstrate NEET Southwest’s affiliates’ experience and qualifications in
25 designing and constructing electric transmission facilities;

26 • Describe the Project that NEET Southwest proposes to construct, own, operate, and
27 maintain, including providing an overview of the Project’s location, construction
28 schedule, and construction cost;

- 1 • Describe NEET Southwest’s approach to land acquisition for the Project; and
- 2 • Address the Commission’s *Tartan*¹ Factor 4, which requires that an applicant for a
- 3 CCN must be qualified to provide the proposed service, by showing that NEET
- 4 Southwest is qualified to engineer, design, and construct the Project.

5 **Q. Are you sponsoring any schedules or exhibits as part of your direct testimony?**

6 A. Yes, I sponsor Highly Confidential Schedule DM-1 and Schedule DM-2, which

7 was prepared or assembled by me or under my supervision and direction.

8 **II. NEET SOUTHWEST’S TRANSMISSION CONSTRUCTION EXPERIENCE**

9 **Q. Please describe NEET Southwest.**

10 A. As explained in more detail by NEET Southwest witness Becky Walding in her

11 Direct Testimony, NEET Southwest is a Delaware limited liability company formed in 2014.

12 NEET Southwest is a direct, wholly-owned subsidiary of NEET, which is an indirect, wholly-

13 owned subsidiary of NextEra Energy, Inc. (“NextEra Energy”). A Fortune 200 company, NextEra

14 Energy is the world’s largest electric utility by market capitalization, with revenues in calendar

15 year 2021 of approximately \$17 billion and approximately 15,000 employees as of December 31,

16 2021.

17 NextEra Energy’s principal businesses are FPL, the largest electric utility in the nation as

18 measured by retail electricity produced and sold, which serves more than 5.7 million homes and

19 businesses in Florida, and NEER, the largest generator of renewable energy from the wind and sun

20 in North America. NextEra Energy and its wholly-owned subsidiaries, NEET and NEET

21 Southwest, are headquartered in Juno Beach, Florida.

¹ *In re Tartan Energy Company, L.C. dba Southern Missouri Gas Company*, Case No. GA-94-127 (Sept. 1994).

1 **Q. Do NEET Southwest’s affiliates have experience constructing transmission**
2 **infrastructure?**

3 A. Yes, NextEra Energy affiliates have decades of experience in the construction of
4 transmission lines, substation facilities, and related infrastructure. NextEra Energy companies
5 have proven capabilities in engineering, procurement, constructing, operating, and maintaining
6 high-voltage transmission line projects in compliance with the design, reliability, and operation
7 standards set by a variety of authorities in North America. NextEra Energy owns approximately
8 11,800 circuit miles of high-voltage transmission, approximately 77,400 miles of distribution
9 lines, and over 1,000 substations across North America. These transmission lines and other
10 infrastructure assets have been built in 38 states and four Canadian provinces across a wide range
11 of geographies, including Kansas, Missouri, Oklahoma, Texas, California, New York, Montana,
12 North Dakota, and Florida. NextEra Energy subsidiaries have built over 1,000 miles of 345 kV
13 transmission lines in Missouri, Kansas, Texas, and Oklahoma.

14 **Q. Has NextEra Energy established a track record of developing infrastructure**
15 **projects on time and on budget?**

16 A. Yes. As shown in the table below, from 2003 to 2021, NextEra Energy completed
17 308 major capital projects, reflecting an aggregate investment of \$65.9 billion in generation and
18 transmission assets. Of these major capital projects, 80 percent were completed on time or early,
19 at an average of 14 days ahead of schedule, and these projects were completed at a collective \$1.1
20 billion below their initial budgets.

On Budget Performance (2003- YE 2021)				On Time Completion (2003-YE 2021)		
Energy	Budget (\$B)	Actual (\$B)	Variance (\$B)	No. of Projects	% On time or early	Avg. Days ahead of Schedule
Fossil ²	13.8	13.1	0.6	16	75%	19
Solar	16.5	16.2	0.4	107	82%	13
Wind	34.9	35.0	0.0	180	78%	14
Transmission	1.7	1.6	0.0	5	80%	10
Total	\$66.9	\$65.9	\$1.1	308	80%	14

1 **Q. Please describe the infrastructure assets NextEra Energy subsidiaries have**
2 **constructed or are constructing in Missouri and neighboring states.**

3 A. NEET Southwest’s affiliate, Osborn Wind Energy, LLC, a subsidiary of NEER,
4 owns and operates the Osborn wind generation facility, located in Clinton and DeKalb counties,
5 Missouri. In neighboring states, NEET Southwest’s affiliate GridLiance High Plains LLC
6 (“GridLiance HP”) jointly owns 29 miles of transmission lines in Winfield, Kansas with the City
7 of Winfield, and owns 444 miles of transmission lines in the Oklahoma Panhandle that serve Tri-
8 County Electric Cooperative. NEER subsidiaries own and operate 32 wind generation facilities,
9 approximately 829 miles of transmission lines and 40 substations in Kansas and Oklahoma.

10 **Q. Will NEET Southwest use the services of its affiliates to engineer and construct**
11 **the Project?**

12 A. Yes. NEET Southwest currently utilizes support services from various of its
13 NextEra Energy affiliates, including NEET, NEER, FPL, and Lone Star, and NEET Southwest
14 plans to utilize these services to construct and engineer the Project. Doing so allows NEET
15 Southwest to access the significant expertise of the NextEra Energy corporate organization and

² Including pipelines.

1 will enable NEET Southwest to provide service in a cost-efficient manner. With respect to
2 engineering and construction, NEET Southwest plans to utilize the significant expertise in the
3 E&C organization within NEER to engineer, design, and construct the Project. NEET Southwest
4 also plans to utilize the services of NextEra Energy's Integrated Supply Chain ("ISC") for
5 procurement of equipment and services for the Project. NEET Southwest's use of other affiliate
6 resources is discussed in more detail in the Direct Testimonies of Ms. Walding, LaMargo Sweezer-
7 Fischer, and Amanda Finnis.

8 **Q. Does NextEra Energy emphasize safety in its construction projects?**

9 A. Yes. At NextEra Energy and its subsidiaries, safety is a core value and is
10 recognized as the cornerstone of sustaining operational excellence. NextEra Energy's vision for
11 its employees is to establish and promote a safety culture based on the principle that zero injuries
12 at work and home is an achievable result. NextEra Energy consistently ranks within the industry
13 top-decile on safety metrics.

14 NEET Southwest will implement this focus on a "Zero Today" policy in its internal and
15 contractor safety programs, plans, and procurement throughout the lifecycle of the Project. NEET
16 Southwest has adopted best management practices that include frequent communication among
17 the land services, environmental, engineering, and construction teams during the permitting and
18 construction phases to ensure a safe and successful project. The Project will be designed to meet
19 or surpass applicable local and state codes, the National Electric Safety Code ("NESC"), North
20 American Electric Reliability Corporation ("NERC") requirements, SPP System Operator
21 requirements, the interconnecting transmission owners' requirements, and NextEra Energy
22 standards. Appropriate standards and applicable permit requirements will be met for construction
23 and installation, and applicable safety procedures will be followed during and after installation.

1 NEET Southwest also expects companies providing services to NextEra Energy to have
2 the same high standards of safety and health as we do. During construction of the Project, each
3 morning, field teams will convene a safety and environmental meeting to discuss specific activities
4 planned for the day, including daily safety-related behaviors, conditions, and job hazard analyses
5 as well as review any environmental compliance requirements that could impact construction
6 activities. In addition, the Project will have a dedicated Safety Manager for all safety and health
7 concerns who will have access to the significant safety resources within the NextEra Energy
8 organization. Ms. Sweezer-Fischer describes the safety efforts that NEET Southwest will
9 undertake during operations of the Project in her Direct Testimony.

10 III. DESCRIPTION OF THE WOLF CREEK-BLACKBERRY PROJECT

11 Q. Please describe the proposed Project.

12 A. NEET Southwest's proposed Project will consist of a new, approximately 94-mile,
13 single-circuit 345 kV transmission line between the existing Blackberry Substation in Jasper
14 County, Missouri, owned by Associated Electric Cooperative, Inc. ("AECI"), and the existing
15 Wolf Creek Substation in Coffey County, Kansas, owned by Evergy Kansas Central, Inc.
16 ("Evergy").

17 Q. What type of conductor does NEET Southwest plan to use for the Project?

18 A. NEET Southwest's design will consist of a horizontal double-bundled 1590
19 "Falcon" 42-19 ACSS/TW HS conductor bundle, along with 7#8 alumoweld shield wire and a 48-
20 stainless steel loose tube optical ground wire ("OPGW") to facilitate lightning shielding and
21 provide the primary communication path for line protection. Redundant communication will be
22 provided via a leased fiber path.

1 **Q. Why did NEET Southwest select this conductor for the Project?**

2 A. NEET Southwest selected the 1590 “Falcon” 42-19 ACSS/TW HS conductor
3 bundle because it will provide the lowest losses of any conductor that NEET Southwest evaluated,
4 offers excellent structural reliability, and exceeds SPP’s minimum standards for capacity for the
5 Project. In fact, the SPP Independent Evaluator Panel (“IEP”) noted in its recommendation that
6 NEET Southwest’s proposal included “design and materials not offered by other Respondents,
7 including the use of the highest thermal-rated conductor among any of the proposals.”³

8 **Q. What types of transmission structures does NEET Southwest propose to use**
9 **for the Project?**

10 A. NEET Southwest proposes to primarily utilize self-supporting spun concrete
11 monopole structures with silicone rubber-braced post insulators in a delta configuration. The
12 typical structure height will be approximately 100 to 130 feet tall. NEET Southwest estimates that
13 it will install approximately seven structures per mile with an average span range of 800 to 1,000
14 feet between structures. The typical self-supported steel monopole structure will have a 10- to
15 12-foot-diameter drilled pier concrete foundation. The foundations are expected to range from 20
16 to 30 feet deep, depending on soil conditions. NEET Southwest also may utilize angled or dead-
17 end structures as appropriate. Angled structures primarily will be guyed concrete monopole
18 structures with either braced post or I-string insulators in a vertical configuration. Dead-end
19 structures primarily will be guyed spun concrete monopoles with strain insulators. Direct
20 embedded steel poles or base plated steel poles placed on drilled shaft foundations will be utilized
21 where necessary due to height requirements or where guying of angle structures is not feasible.
22 Diagrams of the expected structure types are provided as Highly Confidential Schedule DM-1.

³ See Schedule BW-5 (IEP Report) at 46.

1 **Q. Why did NEET Southwest select these transmission structures for the Project?**

2 A. NEET Southwest, aided by its professional estimators, determined that spun
3 concrete monopoles are the most cost-effective and reliable solution for the Project. Specifically,
4 NEET Southwest selected spun concrete monopole structures as the primary transmission structure
5 for the Project because they offer structural reliability, reduce visual impacts, are lower cost, have
6 a shorter fabrication time, require fewer inspections and less maintenance than steel or lattice
7 towers, and offer a longer life than steel or wood structures. Using transmission structures made
8 primarily of concrete also minimizes NEET Southwest's exposure to fluctuating steel prices and
9 steel supply chain delays. In addition, NEET Southwest understands that landowners prefer the
10 use of such structures, as they have a reduced structure footprint, which generally results in fewer
11 impacts to land and reduces interference with current land uses, *e.g.*, ranching and farming.

12 NEET Southwest's structure selection was informed by many decades of experience with
13 extra high-voltage transmission lines across various NextEra Energy subsidiaries. NEET
14 Southwest and its affiliates have more experience with precast concrete poles than any utility in
15 the nation, having utilized spun concrete monopoles on a number of 345 kV transmission facilities
16 throughout the U.S., including Lone Star's 345 kV transmission lines in Texas and NEER-owned
17 transmission lines in Oklahoma and Kansas. The shared-services model within the NextEra
18 Energy organization allows NEET Southwest to leverage these experiences in designing the most
19 reliable and cost-effective transmission solutions.

20 **Q. Are the proposed Project's facilities designed to meet necessary reliability and**
21 **safety requirements or concerns?**

22 A. Yes. In its Project design, NEET Southwest is designing the Project according to
23 applicable Commission and KCC requirements, SPP's specifications for the Project, Institute of

1 Electrical and Electronics Engineers guidelines, American National Standards Institute standards,
2 Occupational Safety and Health Administration requirements, NERC standards, the NESC, and
3 prudent utility practice. Public safety and worker safety are critical considerations in the design,
4 construction, and operation of transmission facilities, and safety and security have been and will
5 continue to be a major focus in the preparation of all specifications and designs. Based on the
6 results of its engineering studies conducted to date, NEET Southwest has designed the Project to
7 ensure safe and reliable operation.

8 **Q. Does the design of NEET Southwest's facilities conform to generally accepted**
9 **practices for a project of this type?**

10 A. Yes. In all instances, NEET Southwest will utilize experienced design,
11 procurement, and construction personnel to prepare the design specifications, drawings, and scope
12 of work documents. Also, NEET Southwest's construction management team, safety personnel,
13 engineering consultants, and the respective contractors assigned to the Project will complete field
14 verification and validations to ensure the facilities are constructed to the approved design so that
15 the transmission facilities can be operated reliably and safely.

16 **Q. What other approvals are required for the Project?**

17 A. In addition to the CCN that NEET Southwest is requesting in this Application,
18 NEET Southwest also is seeking a certificate of convenience and necessity from the KCC. NEET
19 Southwest also expects to request line siting approval and wire-stringing approval from the KCC.
20 NEET Southwest also will undertake coordination with, and as necessary, obtain approvals and
21 permits from the following agencies and governmental entities: the U.S. Army Corps of
22 Engineers; the U.S. Fish and Wildlife Service; the Missouri and Kansas State Historic Preservation
23 Offices; the Missouri Department of Conservation; the Missouri Department of Natural Resources;

1 the Missouri Department of Transportation; the Kansas Department of Wildlife and Parks; the
2 Kansas Department of Agriculture – Division of Water Resources; the Kansas Department of
3 Health and Environment; and the various counties in which the Project will be located. Many of
4 these approvals, as well as the outreach that NEET Southwest has undertaken with various local,
5 state, and federal agencies, are described in the testimony of NEET Southwest witness Dusty
6 Werth and in the Routing Study and Environmental Report (“Routing Study”) provided as
7 Schedule DW-1 to his testimony.

8 **Q. How will the Project be interconnected to the transmission grid?**

9 A. As I explained above, the eastern end of the Project will interconnect to AECI’s
10 Blackberry Substation in Jasper County, Missouri. The western end of the Project will
11 interconnect to the SPP transmission grid outside of Evergy’s existing Wolf Creek Nuclear Plant
12 property in Coffey County, Kansas. NEET Southwest expects to enter into interconnection
13 agreements with AECI and Evergy and has initiated discussions with these entities regarding the
14 necessary interconnections. These transmission interconnection agreements will be filed with
15 FERC.

16 **Q. Will the Project require any transmission upgrades on the interconnecting**
17 **utilities’ systems?**

18 A. Yes. As part of its RFP for the Project, SPP identified that certain upgrades would
19 be required at the Blackberry and Wolf Creek Substations, which upgrades are to be performed by
20 AECI and Evergy, respectively. SPP has issued separate Notifications to Construct to AECI and
21 Evergy for their upgrades.

1 **Q. What is NEET Southwest’s proposed cost for the Project?**

2 A. As Ms. Walding testifies, NEET Southwest’s proposed cost for the Project is \$85.2
3 million in 2021 dollars **** [REDACTED] **⁴**, subject to a binding cap on
4 construction costs. Ms. Walding describes NEET Southwest’s cost containment measures in more
5 detail in her testimony.

6 **Q. How will NEET Southwest procure services and equipment for the Project?**

7 A. NEET Southwest will procure third-party services and materials through NextEra
8 Energy’s ISC, which utilizes NextEra Energy’s unique market position as the largest electric utility
9 in the country, to procure services and materials with favorable prices and terms. ISC is the
10 procurement group for all NextEra Energy companies, and it consists of over 400 sourcing and
11 procurement specialists that leverage NextEra Energy’s significant purchasing power and
12 relationships with strategic industry vendors. This team procured \$16 billion in materials and
13 services in 2021 alone. The ISC team that will be responsible for procuring equipment and
14 materials for the Project has over 50 years of relevant procurement experience.

15 NEET Southwest will leverage ISC’s significant purchasing power, which will provide
16 NEET Southwest with a number of important benefits:

- 17 • Favorable commercial terms and competitive pricing for high quality, reliable, and
18 durable components from well-known and highly respected industry providers. In
19 addition to preferred pricing, competitive terms include improved flexibility in
20 managing suppliers, greater leverage to complete the Project on time and within
21 budget, and other contractual protections that minimize risk to NEET Southwest
22 and the Project.

⁴ This highlighted portion has been designated as “Highly Confidential” as defined in NEET Southwest’s pending Motion for Protective Order filed on July 7, 2022. The highlighted portion contains confidential information that is competitively sensitive for the purpose of future bidding on SPP and other RTO bidding events.

- 1 • Access to supply is enhanced with a strong commercial position with key suppliers,
2 which allows NEET Southwest to leverage supplier relationships for priority access
3 to products, reducing Project risk.
- 4 • Strategic long-term contracts across the NextEra Energy enterprise, which
5 durations provide flexibility for both parties to adjust to market conditions.
- 6 • NextEra Energy utilizes a robust competitive bidding process applying
7 specification documents developed by internal subject matter experts (“SME”)
8 during detailed design. In addition to the bidding and contracting effort, ISC will
9 coordinate deliveries to the site, monitor vendor progress, and expedite delivery of
10 materials if needed to maintain Project schedule.

11 NextEra Energy’s philosophy for project construction is for ISC to directly procure the
12 most critical and high value major materials to leverage the company’s purchasing power across
13 multiple business lines. This strategy will allow NEET Southwest to maximize its control of
14 supply and delivery of the Project’s most critical long-lead items. For the Project, this means that
15 ISC will directly procure transmission poles, conductor, insulators and hardware, shield wire, and
16 OPGW, while the Project’s construction contractor will procure all other minor materials.

17 **Q. Does NEET Southwest plan to competitively bid for services and equipment?**

18 A. Yes. NEET Southwest has strong established supplier networks through the
19 NextEra Energy ISC, which procures large volumes of materials, equipment, and services on an
20 annual basis. To ensure the best price for major transmission line components including labor,
21 ISC competitively bids, evaluates, and sources for delivery using well-established procurement
22 processes. Through these processes, bids are requested from at least three bidders whenever
23 practical. Upon the receipt of proposals, ISC evaluates the proposals received and coordinates
24 written requests for clarifications or requests for additional technical or commercial information
25 between the bidders and subject matter experts. Upon completion of the commercial and technical
26 evaluation, ISC substantiates the results of the competitive bid (commercial and technical). There
27 are certain exceptions and circumstances where a non-competitive single or sole source

1 procurement may be justified, and in those cases NEET Southwest would document and justify
2 the exceptions.

3 The competitive bid process helps ensure that our projects can obtain the best price
4 available at that time. In addition, due to the magnitude of business with the suppliers, NextEra
5 Energy's ISC is well positioned to address emerging issues during material production (*e.g.*,
6 specification changes, additional quantities required) with minimal impact to cost or schedule.
7 Besides material and labor pricing, the procurement contracts negotiated with suppliers impose
8 strict terms and conditions ("T&C") that, although hard to quantify, are likely to result in additional
9 contract administration benefit. These T&Cs generally include: favorable payment schedules and
10 terms, often with no payments prior to delivery; avoidance of restocking or other fees if an order
11 is reduced or changed, and warranties on products from defects and shipping damage.

12 IV. PROJECT LOCATION AND PROPOSED ROUTE

13 Q. Where will the Project be located?

14 A. The Project is anticipated to be located across two counties in Missouri (Barton and
15 Jasper counties) and five counties in Kansas (Coffey, Anderson, Allen, Bourbon and Crawford
16 counties). At a high level, NEET Southwest's proposed route ("Proposed Route") will connect to
17 the Wolf Creek Substation outside of the Wolf Creek Nuclear Plant Owner Controlled Area to the
18 east and then continues diagonally to the southeast for approximately 68 miles, 27 miles of which
19 parallels an existing Evergy 161 kV transmission line. The Proposed Route then turns east for
20 about 7 miles to avoid the Federal Aviation Administration obstruction areas around the Atkinson
21 Municipal Airport on the northwest side of Pittsburg, Kansas, then continues south/southeast for
22 another 16 miles, extending into Missouri and approximately 2 miles of which parallels a 69 kV
23 transmission line and approximately 3 miles of which parallels an existing 161 kV transmission

1 line. The Proposed Route then turns slightly southwest for approximately 2.5 miles to connect
2 with the Blackberry Substation. The Proposed Route is described in detail in the Routing Study
3 provided as Schedule DW-1 to Mr. Werth's testimony, and a legal description of the Proposed
4 Route is provided as Schedule DW-3.

5 **Q. How did NEET Southwest select the proposed route for the Project?**

6 A. In SPP's request for proposals ("RFP") for the Project,⁵ SPP directed respondents
7 to propose a transmission line between the existing Wolf Creek Substation and the existing
8 Blackberry Substation, which would require the construction of up to approximately 100 miles of
9 345 kV transmission line within a 150-foot-wide easement. NEET Southwest retained Burns &
10 McDonnell, Engineering Company, Inc. ("Burns & McDonnell"), an expert transmission line
11 design and permitting firm with transmission project experience in Kansas and Missouri, to assist
12 with the engineering, environmental, and routing aspects of NEET Southwest's response to the
13 RFP. Burns & McDonnell prepared a preliminary routing analysis, through which NEET
14 Southwest identified a preliminary route for the project, which NEET Southwest presented to SPP
15 in its bid. NEET Southwest has continued to refine this routing analysis following its selection by
16 SPP, including by incorporating feedback received from landowners and governmental agencies,
17 and is presenting the Proposed Route set forth in the Routing Study attached to Mr. Werth's
18 testimony.

19 **Q. What were NEET Southwest's considerations in developing the preliminary**
20 **route?**

21 A. During our initial review of potential routes for the Project, NEET Southwest and
22 a cross-functional team that included Burns & McDonnell, as well as development,

⁵ See Schedule BW-4 to the Direct Testimony of Becky Walding (SPP RFP).

1 legal/regulatory, ROW, environmental, engineering, construction, and operations team members
2 evaluated the socioeconomic and landowner, environmental, and infrastructure impacts of each of
3 the potential routes. In reviewing the socioeconomic and landowner impacts of the potential
4 routes, it was our objective to reduce greenfield routing impacts for landowners by paralleling or
5 co-locating with existing transmission lines, roads, and property lines when feasible, maximizing
6 distances from residences and public facilities to the extent possible, and minimizing impacts to
7 public airports, including the Atkinson Municipal Airport in Pittsburg, Kansas.

8 In reviewing the environmental impacts of the proposed routes, NEET Southwest's team
9 sought to minimize or avoid impacts to forested wetlands, protected or sensitive species and
10 habitats, known cultural and archeological resources, and federal and state-owned lands and
11 easements, as well as impacts to tribal lands to the maximum extent practicable. Additionally,
12 NEET Southwest analyzed the proximity of the route to existing structures including bridges,
13 culverts, existing oil and gas wells, existing transmission lines, and telecom towers.

14 In Missouri, the primary route constraints were state conservation lands, residences,
15 previously mined lands, and forested areas. The route was selected to avoid residences and state
16 conservation lands. Where possible, previously mined lands were avoided and tree clearing was
17 minimized.

18 **Q. How did NEET Southwest refine this preliminary route to develop the**
19 **Proposed Route?**

20 A. Following SPP's selection of NEET Southwest as the designated transmission
21 owner for the Project, NEET Southwest's routing team continued to refine the preliminary route.
22 As described in the Routing Study, the final set of route alternatives consists of individual segments
23 that can be combined in different arrangements to form a continuous path between the Project

1 endpoints. The set of route alternatives for the Project consisted of 53 individual segments, and
2 ultimately, 729 distinct routes were developed using forward-progressing combinations of these
3 53 segments.⁶ NEET Southwest's routing team ultimately identified its preferred route, which is
4 presented as the Proposed Route, as described in more detail by Mr. Werth and in the Routing
5 Study.

6 In addition, as described by NEET Southwest witness Sarah Nettels in her Direct
7 Testimony, NEET Southwest undertook a public outreach process that included outreach to local,
8 state, and federal agencies and potentially affected landowners along the preliminary route. NEET
9 Southwest held two virtual open house public meetings on March 22, 2022 to provide information
10 and solicit additional feedback from landowners. Through this public outreach process, NEET
11 Southwest has made refinements to its initial route to determine the Proposed Route.

12 **Q. Has NEET Southwest considered the potential need to deviate from the**
13 **Proposed Route?**

14 A. Yes. While NEET Southwest's planning of the Proposed Route was based on
15 considerable due diligence, there may, in some circumstances, be a need to deviate from the
16 Proposed Route. NEET Southwest therefore proposes in its CCN Application that it will use
17 reasonable efforts to abide by the Proposed Route on the parcels identified in the CCN Application
18 and over which an easement will be acquired, but that NEET Southwest be allowed to deviate from
19 the Proposed Route within those parcels to address the following situations:

- 20 (1) If surveys or testing do not necessitate a deviation, NEET Southwest may deviate from
21 the depicted route on a particular parcel upon request of NEET Southwest or the
22 landowner and mutual agreement; or
- 23 (2) If NEET Southwest determines that surveys or testing require a deviation from the
24 Proposed Route, NEET Southwest will negotiate in good faith with the affected

⁶ Schedule DW-1 (Routing Study) at § 3.2.

1 landowner and, if agreement can be reached, NEET Southwest may deviate from the
2 Proposed Route, as agreed upon with the affected landowner.

3 V. LAND RIGHTS ACQUISITION

4 Q. How much right of way is needed for the Project?

5 A. The amount of land and ROW that NEET Southwest will acquire will be driven by
6 NEET Southwest's final design in accordance with the final route approved by the Commission
7 and the KCC, as well as good utility practices in Missouri and Kansas. NEET Southwest will seek
8 to obtain easements that are typically 150 feet wide, based upon NEET Southwest's Project design,
9 anticipated structure types, number of structures, span distances, terrain, and soil conditions. This
10 proposed ROW width may vary at some locations to accommodate topographic features and
11 crossing requirements and to provide flexibility in final structure placement. At all times, the
12 width of the ROW will be sufficient to ensure the safe and reliable operation of the Project.

13 NEET Southwest also anticipates acquiring land rights associated with construction and
14 ongoing access to the Project, as well as material laydown yards. This additional ROW may be
15 required where NEET Southwest cannot access the ROW directly from the road, *e.g.*, due to water
16 bodies or wetlands or other environmentally significant terrain features. In addition, NEET
17 Southwest will be working with local landowners to secure easements for material and equipment
18 laydown areas. These laydown areas will generally require about 25 acres and will be spaced
19 approximately 25 miles apart to allow the contractor to efficiently store and source the materials
20 and equipment to complete the Project construction. These laydown yards are graded, rocked, and
21 fenced but only used temporarily. Upon construction completion, the landowner's property will
22 be restored to its original use or left as is should the landowner request.

1 **Q. How many parcels of property would NEET Southwest need to acquire and**
2 **rights to in order to construct the Project?**

3 A. The Proposed Route will cross about 26 parcels of land in Missouri, which are
4 owned by 23 different landowners.

5 **Q. Has NEET Southwest used significant efforts to inform landowners of the**
6 **Proposed Route?**

7 A. Yes. As Ms. Nettels testifies in her Direct Testimony, NEET Southwest held virtual
8 public meetings for affected landowners along the Proposed Route and provided notice to
9 landowners in the Project's Study Area of these meetings. Ms. Nettels describes the notice
10 process, public meetings, and other public engagement in further detail in her testimony. NEET
11 Southwest also provided notice of its CCN Application to landowners within 300 feet of the
12 Proposed Route's centerline, as described by Ms. Nettels.

13 **Q. How will NEET Southwest acquire the easement rights it needs to construct**
14 **the Project?**

15 A. Based upon the final route selected by the Commission and the KCC, and upon
16 receipt of other regulatory permits and approvals, NEET Southwest will negotiate with landowners
17 to obtain easements from the landowners for the ROW for the Project. NEET Southwest will make
18 reasonable efforts to acquire land rights through the negotiation of mutually acceptable agreements
19 with landowners through the application of a consistent compensation offering that is based on the
20 fair market value of land. NEET Southwest has retained Doyle Land Services ("Doyle") to assist
21 with land options, land acquisition, ROW development, and land valuation services, and Doyle is
22 utilizing local land agents to reach out to landowners along the Proposed Route.

1 **Q. What is NEET Southwest’s approach to land acquisition?**

2 A. In acquiring land for the Project, NEET Southwest seeks to facilitate timely
3 resolutions and fair settlements with directly affected landowners along the Proposed Route.
4 NEET Southwest is committed to creating long-term relationships in the communities within
5 which it works. To achieve this, NEET Southwest follows an established code of conduct when
6 engaging with landowners that is based upon NextEra Energy’s core values: “We treat people with
7 respect, we are committed to excellence, and we do the right thing.”

8 Accordingly, NEET Southwest’s preferred approach is to acquire necessary land rights for
9 the Project through the negotiation of mutually acceptable agreements with landowners through
10 the application of a consistent compensation offering that is based on fair market value of lands.
11 NEET Southwest ensures that its land acquisition approach and associated compensation
12 principles are openly discussed and understood by landowners. Landowners are engaged in an
13 open and respectful manner, with a commitment to timely, meaningful, and transparent dialogue
14 as it relates to compensation and land rights. NEET Southwest’s local land agents provide a single
15 point of contact with landowners throughout the duration of the Project, so that landowners may
16 work consistently with one person throughout the process.

17 **Q. Through the acquisition process, what information is given to landowners?**

18 A. I will describe the process in general. In making contact with landowners along the
19 Proposed Route, NEET Southwest’s land agents explain the reason for the contact and the purpose
20 of the Project, and they answer any questions the landowners may have about the Project and how
21 it impacts their property. During initial conversations, the land agents also give landowners a
22 written statement of the purpose of the Project, a parcel map with aerial photography of the
23 easement area needed, the estimated acreage on a landowner’s property, and information regarding

1 the type and location of the Project facilities that NEET Southwest proposes to construct. NEET
2 Southwest's land agents also provide a copy of the proposed transmission option and easement
3 agreement and NEET Southwest's formal offer of compensation. Following review of NEET
4 Southwest's offer of compensation, the landowner will decide whether to move forward with the
5 acquisition process, and the parties will finalize the transaction and execute the easement
6 agreements. A sample copy of NEET Southwest's standard form of transmission option and
7 easement agreement is provided as Schedule DM-2 to my Direct Testimony. Schedule DM-2 also
8 includes a copy of the Project Fact Sheet that the land agents provide to landowners.

9 **Q. How will NEET Southwest determine the compensation that it will offer to**
10 **landowners to acquire easements for the Project?**

11 A. As I noted above, NEET Southwest proposes to acquire land rights for the Project
12 by signing mutually acceptable agreements with landowners to the greatest extent possible and to
13 establish strong relationships in the communities within which we work. Ensuring fair
14 compensation plays a role in building trust with landowners and within the community in general.
15 Compensation will be fair and equitable. To support fair compensation, NEET Southwest will
16 obtain services from an independent third party licensed by the Missouri Real Estate Appraisers
17 Commission to complete appraisals that will identify fair market land values for each land use in
18 each county impacted by the Project. These values will be used as the basis for compensation to
19 landowners, with consideration given to damages or other property-specific needs. The type of
20 property being crossed (including unique characteristics as soil types and productivity) and the
21 location of the easement upon the property, among other items, will be factors in determining
22 value. In addition, NEET Southwest will pay for crop damage and/or physical damage to property
23 resulting from construction and/or maintenance of the Project.

1 **Q. Will NEET Southwest need to exercise eminent domain to construct the**
2 **Project?**

3 A. Only as a last resort. NEET Southwest's goal is to voluntarily obtain as many land
4 rights as possible through negotiation and mutually acceptable agreements with landowners.
5 NEET Southwest will seek to exercise eminent domain only if it determines that it cannot acquire
6 the land rights through negotiation.

7 **Q. How will NEET Southwest determine if it needs to exercise eminent domain to**
8 **complete construction of the Project?**

9 A. NEET Southwest will not seek to condemn property until it has engaged in good
10 faith, reasonable negotiations with each landowner. As I testified above, NEET Southwest has
11 retained professional, experienced land agents to represent it in negotiations. These land agents
12 will meet with the landowners to explain NEET Southwest's offer, promptly respond to any
13 counteroffers and attempt to address landowners' concerns. If, after engaging in reasonable
14 negotiations, the parties are unable to reach a voluntary agreement, and NEET Southwest believes
15 that further negotiations will not result in an agreement, then NEET Southwest will make a
16 determination regarding eminent domain.

17 **Q. Once a transmission line easement or other ROW agreement is executed, who**
18 **within NEET Southwest is responsible for administering the agreements and responding to**
19 **any requests for the payment of damages, complaints, or claims related to NEET Southwest's**
20 **activities pursuant to an easement or agreement?**

21 A. During construction of the line, NEET Southwest and Doyle will be responsible for
22 administering the easement agreements along with NEET Southwest's construction project
23 manager, who will work with the construction contractor to ensure the easement agreement is

1 enforced and that any questions, complaints, and or claims are handled to the satisfaction of the
2 landowner and per the underlying agreement. After construction is completed, NEET Southwest's
3 operations lead will be administering the easement agreements and will respond to requests made
4 by the landowner. Please also see the Direct Testimony of Ms. Sweezer-Fischer.

5 **Q. How will NEET Southwest engage with landowners prior to beginning**
6 **construction?**

7 A. Each and every landowner affected by the route will be notified of the start of
8 construction activities via phone, mail, e-mail, or direct contact a few weeks prior to start. Any
9 temporary removal or relocation of fences that are necessary, or installation of temporary or
10 permanent gates would be coordinated with the landowner. Depending on the timing of
11 construction, the ROW agent will work with the property owner for early harvest of crops, where
12 possible, with compensation to be paid for any actual crop losses or per the landowner easement.
13 During the construction process, it may be necessary for the property owner to remove or relocate
14 equipment and livestock from the ROW. Compensation related to these activities will be discussed
15 with the landowner during easement negotiations.

16 **Q. How does NEET Southwest plan to treat trees that must be removed from the**
17 **ROW?**

18 A. NEET Southwest's construction contractor will install the preliminary access roads
19 and matting if required, and begin removal of trees, clearing and grubbing to ensure that any
20 remaining vegetation meets the NESC standards and that the construction crew will have easy
21 access to the construction site. Some low-growing brush or specific tree species that remain below
22 14 feet at mature height may be allowed at the outer limits of the easement area. Taller trees within
23 the ROW that might compromise the safe and reliable operation of the transmission line will be

1 removed. In developed areas and to the extent practical, existing low-growing vegetation that will
2 not pose a risk to the transmission line or impede construction or maintenance may remain in the
3 easement area. Trees beyond the easement area that are in danger of falling into the energized
4 transmission line will be removed or trimmed to eliminate the hazard as allowed by the terms in
5 the acquired landowner easement. In special circumstances, tree trimming agreements may be
6 required to minimize tree removal. All materials resulting from clearing will either be chipped on
7 site and spread on the ROW, stacked in the ROW for use by the property owner, or removed and
8 disposed of as agreed to with the property owner.

9 **Q. Will the construction of the Project remove any agricultural land from**
10 **cultivation?**

11 A. NEET Southwest has sought through the design of the Project (including through
12 the use of concrete monopoles, which have smaller structure footprints) and will continue to work
13 with landowners to minimize the land removed from future agricultural cultivation. Other than
14 the footprint of the foundations for the transmission structures (which are in general approximately
15 four to five feet in diameter), guys and anchors if required, and any permanent access roads
16 necessary for maintenance and operations, construction generally will not remove agricultural land
17 from future cultivation. If a landowner has a guyed structure with anchors on their property, there
18 will be some additional cultivation limitation in order to maintain a safe work clearance from the
19 transmission line equipment. Cultivation will also be limited adjacent to the pole base to prevent
20 inadvertent damage to farm equipment or to the structure. Ms. Sweezer-Fischer discusses this in
21 more detail in her Direct Testimony.

1 **Q. How will the Project’s construction impact landowners?**

2 A. NEET Southwest will work with landowners to minimize impacts during
 3 construction. Construction of the transmission line follows a typical sequence of events, as I will
 4 explain later. Various phases of construction occur at different locations throughout the
 5 construction process and in many cases at the same time at different locations throughout the
 6 project area. This sequencing will minimize landowner impacts and allow the most efficient
 7 transmission line construction so NEET Southwest can safely complete the line in a timely manner.

8 In addition, NEET Southwest will work closely with landowners to minimize impacts on
 9 their existing land uses during the construction process. For example, NEET Southwest’s affiliates
 10 have worked with farmers and ranchers to accommodate livestock during construction of
 11 transmission lines, and NEET Southwest would expect to undertake similar coordination here.
 12 NEET Southwest will reimburse landowners for their time required to move livestock from one
 13 location to another and, where feasible, may install temporary fences or gates to keep livestock out
 14 of the construction area. In addition, NEET Southwest expects to undertake most of its initial
 15 construction activities in the late fall after most of the harvesting is complete, thereby reducing
 16 impacts to farm production.

17 **VI. CONSTRUCTION PROCESS**

18 **Q. Once necessary approvals and permits are obtained, and land is acquired, how**
 19 **does NEET Southwest expect to construct the Project?**

20 A. NEET Southwest will utilize a combination of highly skilled NextEra Energy E&C
 21 personnel, along with experienced third-party contractors to construct the Project. The E&C team
 22 that will oversee the Project’s construction has over 90 years of construction experience. As I
 23 testified above, NEET Southwest partnered with Brink Constructors to facilitate and assess

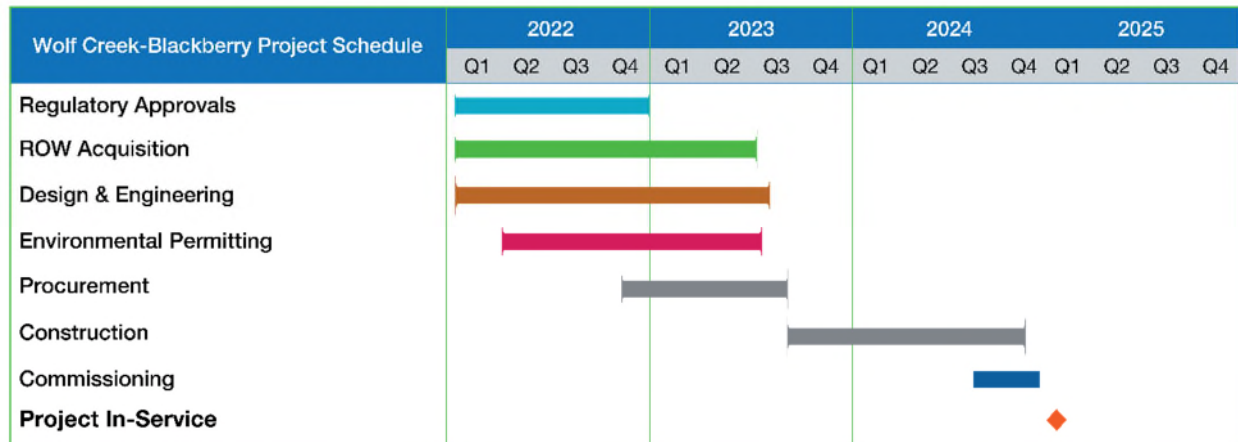
1 preliminary construction activities for the Project. NEET Southwest and their construction
2 contractor will establish a local construction management office within the construction site and
3 will staff the Project with a team of experienced professionals.

4 NEET Southwest will coordinate several design and constructability review meetings with
5 Burns & McDonnell, which will serve as the transmission line Engineer of Record for the Project,
6 along with the transmission line construction contractor. These design reviews will take place at
7 30 percent design completion, 60 percent design completion, and just prior to issuance for
8 construction (approximately 90 percent design completion), and will encompass all aspects of the
9 Project's design, including the design criteria, structure framing and assembly drawings,
10 conductor, shield wire, and OPGW pulling and staging plans, sag and tensioning charts,
11 foundations, grounding, materials and equipment installation details, bills of material, material and
12 equipment specifications, ROW access, environmental permitting requirements, and construction
13 specifications. NEET Southwest's SMEs will review the design criteria to verify that such criteria
14 are valid, correct, and adequate and meet the SPP Minimum Transmission Design Standards (rev.
15 2).

16 Construction of the transmission line will follow a typical sequence of events starting with
17 surveying the boundaries and centerline, determining applicable construction access, storm water
18 pollution prevention mitigation installation, ROW clearing, grubbing and grading, material
19 delivery, installing foundations, assembling and installing insulators followed by the, erecting and
20 setting of structures, pulling in shield wires and conductors, installing ground rods, followed by
21 cleanup and site reclamation.

1 **Q. What is the current projected in-service date for the Project?**

2 A. NEET Southwest has committed to an in-service date for the Project of January 1,
 3 2025, which is 365 calendar days prior to the in-service date of January 1, 2026 required by SPP’s
 4 RFP. NEET Southwest’s Project schedule is provided below:



5 **Q. Under NEET Southwest’s Project schedule, when does it anticipate beginning**
 6 **construction of the Project?**

7 A. Subject to receiving all necessary regulatory approvals and permits, and obtaining
 8 the necessary ROW, NEET Southwest’s project schedule currently anticipates commencing
 9 construction in mid-2023. NEET Southwest plans to begin construction activities at the
 10 Blackberry Substation and work northwest toward the Wolf Creek Substation. NEET Southwest
 11 plans to build the line in four zones and construct each zone as individual line sections. This
 12 strategy will allow clearing crews to stay ahead of transmission line construction. In NEET
 13 Southwest’s project schedule, clearing, transmission structure installation, and stringing operations
 14 have been staggered to minimize the overall schedule, maximize the efficiency of each operation,
 15 and include enough float to ensure no single operation is impeded by a delay in a preceding
 16 operation.

1 **Q. Does NEET Southwest utilize any standards and procedures regarding**
2 **construction, repair, and maintenance in ROW areas on and around the Project footprint?**

3 A. Yes. Prior to beginning construction of the Project, NEET Southwest will be
4 negotiating and signing road use and maintenance agreements with all the affected counties and
5 local municipalities to ensure we can construct, operate and maintain the Project in an orderly
6 manner. In addition, NEET Southwest will require that its construction contractor adhere to the
7 strict requirements dictated within its contract, which will include construction and maintenance
8 of all temporary and permanent access roads as required for the transmission facilities, inclusive
9 of all required culverts (temporary and permanent), access approaches, pipeline/utility crossings,
10 matting, reclamation and restoration. Upon construction completion, the contractor will provide
11 all equipment, labor, and material to restore all temporarily disturbed land to pre-construction
12 conditions. NEET Southwest will require its contractor to de-compact all soils to pre-construction
13 conditions. Unless in farmland, or as otherwise requested by a landowner, the Contractor shall re-
14 vegetate the areas with native species and in accordance with Project permits and reclamation
15 plans. NEET Southwest will require its contractor to reseed per the Project permit and reclamation
16 plans. In highly erodible areas, the contractor shall install temporary and/or permanent
17 stabilization measures to enhance vegetation re-growth. Prior to NEET Southwest's final
18 acceptance temporary erosion controls shall be removed by the contractor if and when vegetation
19 reaches 70 percent re-growth in the particular location of the erosion control devices. Upon
20 completion of reseeded and as a provision of final acceptance, NEET Southwest will require its
21 contractor to refurbish all remaining erosion control devices so that they are in compliance with
22 the Stormwater Pollution and Prevention Plan, at which time the maintenance and/or removal of
23 the remaining erosion control devices shall become the responsibility of NEET Southwest. NEET

1 Southwest will respect the landowner property and intends to restore the property to its original
2 condition.

3 **VII. NEET SOUTHWEST MEETS THE *TARTAN* FACTORS FOR ISSUING A**
4 **CCN**

5 **Q. Are you familiar with the Commission’s factors for granting a CCN, referred**
6 **to as the “*Tartan Factors*”?**

7 A. While I am not an attorney, yes, it is my understanding that, in its review of CCN
8 applications, the Commission has traditionally applied several criteria, which it refers to as the
9 “*Tartan Factors*.” Ms. Walding and other NEET Southwest witnesses address several of the
10 *Tartan Factors* in their testimonies. In this testimony, I provide support for the *Tartan Factor* 4,
11 which requires that an applicant for a CCN must be qualified to provide the proposed service.

12 **Q. In your view, does NEET Southwest meet this factor?**

13 A. Yes. I have testified that NEET Southwest is fully qualified to design, engineer,
14 and construct the proposed Project and provide the proposed service, utilizing the significant
15 expertise and resources of its NextEra Energy affiliates.

16 **VIII. CONCLUSION**

17 **Q. Should the Commission grant NEET Southwest a CCN?**

18 A. Yes, as I and other NEET Southwest witnesses testify, NEET Southwest has
19 satisfied the Commission’s requirements for granting a CCN.

20 **Q. Does this conclude your testimony?**

21 A. Yes, it does.

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

In the Matter of the Application of NextEra)
Energy Transmission Southwest, LLC for a)
Certificate of Public Convenience and)
Necessity to Construct, Install, Own, Operate,)
Maintain, and Otherwise Control and Manage) File No. EA-2022-0234
a 345 kV Transmission Line and associated)
facilities in Barton and Jasper Counties,)
Missouri)

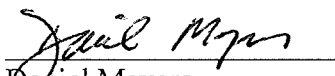
Affidavit of Daniel Mayers

1. My name is Daniel Mayers. I am the Director of Transmission and Substation Engineering within the Engineering & Construction organization at NextEra Energy Resources, LLC at 700 Universe Blvd., Juno Beach, FL 33408.

2. I have read the above and foregoing Direct Testimony and the statements contained therein are true and correct to the best of my information, knowledge, and belief.

3. I am authorized to make this statement on behalf of NextEra Energy Transmission Southwest, LLC.

4. Under penalty of perjury, I declare that the foregoing is true and correct to the best of my knowledge and belief.



Daniel Mayers
Director – Transmission/Substation Engineering
NextEra Energy Resources, LLC

Date: 7-6-2022