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March 22, 2016

VIA ETARIFF FILING

Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426

Re: Grande Prairie Wind, LLC, Docket No. ER16-____-000
Application for Market-Based Rate Authority Under Section 205 of the Federal Power Act and Request for Waivers and Blanket Authorizations

Dear Secretary Bose:

Pursuant to Section 205 of the Federal Power Act and Part 35 of the Commission's regulations, Grande Prairie Wind, LLC hereby submits this application for authorization to make wholesale sales of energy, capacity and certain ancillary services at market-based rates under its proposed Tariff, with a requested effective date of May 22, 2016 (*i.e.*, 61 days after filing), and a request for such waivers and blanket authorizations as the Commission has granted to other entities with market-based rate authority.

If you have any questions regarding this filing, please contact the undersigned.

Respectfully submitted,



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Counsel for Grande Prairie Wind, LLC

Enclosures

**UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION**

Grande Prairie Wind, LLC

)

Docket No. ER16-____-000

**APPLICATION FOR MARKET-BASED RATE AUTHORITY
UNDER SECTION 205 OF THE FEDERAL POWER ACT AND
REQUEST FOR WAIVERS AND BLANKET AUTHORIZATIONS**

Pursuant to Section 205 of the Federal Power Act (“FPA”),¹ and Part 35 of the regulations of the Federal Energy Regulatory Commission (the “Commission”),² Grande Prairie Wind, LLC (“Grande Prairie Wind” or “Applicant”) hereby requests that the Commission: (i) authorize Applicant to sell energy, capacity and certain ancillary services at market-based rates; (ii) accept for filing the proposed market-based rate tariff included as Attachment 1 hereto (the “Tariff”) with an effective date of May 22, 2016 (*i.e.*, 61 days after filing); and (iii) grant such waivers and blanket authorizations as the Commission has granted to other similarly-situated entities seeking market-based rate authority, as described further herein.

I. COMMUNICATIONS

All communications and correspondence concerning this application should be directed to the following individuals:

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¹ 16 U.S.C. § 824d.

² 18 C.F.R. Part 35.

II. DESCRIPTION OF APPLICANT AND OTHER RELEVANT ENTITIES

A. Applicant

Grande Prairie Wind is developing and constructing a 400 MW wind generation facility located in Holt County, Nebraska (“the Facility”). The Facility will interconnect to transmission facilities owned by the Western Area Power Administration – Upper Great Plains customer service region, which have been placed under the operational control of the Southwest Power Pool, Inc. (“SPP”). Grande Prairie Wind is expected to begin testing the Facility in late September 2016 and enter into commercial operation during the fourth quarter of 2016.

Grande Prairie Wind is a Delaware limited liability company and a direct, wholly-owned subsidiary of BHE Wind, LLC (“BHE Wind”), a Delaware limited liability company. BHE Wind is a direct, wholly-owned subsidiary of BHE Renewables, LLC (“BHE Renewables”), a Delaware limited liability company. BHE Renewables was formed to acquire, own, operate and invest in renewable energy generating facilities through its project company subsidiaries. BHE Renewables is a direct, wholly-owned subsidiary of Berkshire Hathaway Energy Company (“BHE”), an Iowa corporation. BHE is a holding company that owns subsidiaries principally engaged in energy businesses in the United States and abroad. BHE is a consolidated subsidiary of Berkshire Hathaway Inc.

The Facility has a capacity of 400 MW, all of which is fully committed under a single long-term contract. Grande Prairie Wind has entered into a long-term PPA for the firm sale of all 400 MW of capacity to the Omaha Public Power District (“OPPD”) from initial energization for a term ending 20 years after the firm transmission date for the Facility, as declared by OPPD, which will occur on or after the commercial operation date of the Facility. Grande Prairie Wind sells power exclusively at wholesale and will not sell any power at retail.

B. Other Relevant Entities

1. Public Utility Affiliates – MidAmerican Energy, PacifiCorp, Nevada Power and Sierra Pacific

Grande Prairie Wind’s indirect parent company, BHE, also indirectly owns four traditional franchised public utility companies: MidAmerican Energy Company (“MidAmerican Energy”), PacifiCorp, Nevada Power Company (“Nevada Power”) and Sierra Pacific Power Company (“Sierra Pacific”) (Nevada Power and Sierra Pacific are operating subsidiaries of NV Energy, Inc. (“NV Energy”), which is indirectly wholly-owned by BHE). None of these public utilities owns or controls assets in the SPP Balancing Authority Area (“BAA”).

MidAmerican Energy is a combination gas and electric company, and its service territory includes parts of Iowa, Illinois, Nebraska, and South Dakota. MidAmerican Energy is a transmission-owning member of the Midcontinent Independent System Operator, Inc. (“MISO”) Regional Transmission Organization (“RTO”). MidAmerican Energy has turned its transmission facilities over to the operational control of MISO, and MISO provides transmission service over those facilities, as well as facilities owned by the other MISO transmission owners, pursuant to the terms of the MISO Open Access Transmission, Energy and Operating Reserve Markets Tariff (the “MISO Tariff”), which is on file with the Commission. MidAmerican Energy’s generating assets are located primarily within the MISO market area, with a small portion in the PJM Interconnection, L.L.C. BAA. MISO is a first-tier market to SPP, and a list of MidAmerican Energy and the BHE affiliates’ generating capacity in MISO is set forth in the tables developed by Ms. Solomon and provided in Attachment 2. The Commission has granted MidAmerican Energy authorization to sell energy, capacity and ancillary services at market-based rates.³

³ See *MidAmerican Energy Co.*, 74 FERC ¶ 61,211 (1996). BHE also indirectly owns MidAmerican Energy Services, LLC (“MidAmerican Energy Services”), a retail electric and gas supplier serving customers in various

PacifiCorp is a vertically-integrated public utility primarily engaged in the business of providing retail electric service in Utah, Oregon, Wyoming, Washington, Idaho, and California. PacifiCorp owns transmission facilities and provides open access transmission service pursuant to terms of the PacifiCorp Open Access Transmission Tariff (“OATT”), which is on file with the Commission. PacifiCorp operates the PacifiCorp East (“PACE”) and PacifiCorp West (“PACW”) BAAs. PACE principally includes PacifiCorp’s load and generating capacity in the states of Idaho, Utah, and Wyoming. PACW principally includes PacifiCorp’s load and generating capacity in the states of Washington, Oregon, and California. In addition, some of PacifiCorp’s generating capacity is located in the Bonneville Power Administration BAA and the BAAs operated by Public Service Company of Colorado (“PSCO”) and by Western Area Power Administration-Colorado Missouri. PacifiCorp’s generating capacity in PSCO includes a 25 percent ownership interest in the 184 MW Hayden 1 generating facility and a 13 percent ownership interest in the 262 MW Hayden 2 generating facility, two coal powered generating facilities located in Hayden, Colorado.⁴ PSCO is a first tier market to SPP, and PacifiCorp’s ownership interest in the two generating facilities in PSCO is set forth in the tables developed by Ms. Solomon and provided in Attachment 2. The Commission has granted PacifiCorp authorization to sell energy, capacity and ancillary services at market-based rates.⁵

Nevada Power and Sierra Pacific are engaged in the business of providing retail electric service in Nevada and serve customers in the NV Energy BAA. Nevada Power serves retail

states (including Delaware, Illinois, Iowa, Maryland, Michigan, Nebraska, Ohio, Pennsylvania, South Dakota and Texas) and the District of Columbia. MidAmerican Energy Services has been granted market-based rate authority, *see MidAmerican Energy Services, LLC*, Letter Order in Docket No. ER15-2211-000 (Sept. 11, 2015), but it does not own generation or transmission assets or natural gas pipeline, distribution, or storage assets. Furthermore, it does not provide utility services, and it does not own inputs to electric generation or own or control potential generation sites.

⁴ The other owners of Hayden 1 and Hayden 2 are Public Service Company of Colorado (which owns 75.5 percent of Hayden 1 and 37.4 percent of Hayden 2) and Salt River Project (which owns 50 percent of Hayden 2). The parties’ ownership interest entitles them to a pro rata share of the output of the generating facilities.

⁵ *See PacifiCorp*, 79 FERC ¶ 61,383 (1997).

customers in southern Nevada and Sierra Pacific serves retail customers in northern Nevada. Nevada Power and Sierra Pacific own transmission facilities, and open access transmission service over those facilities is provided pursuant to the NV Energy OATT, which is on file with the Commission. Sierra Pacific owns local distribution company facilities that are used to supply retail gas customers in its franchised service area in northern Nevada. The Commission has granted Nevada Power and Sierra Pacific authorization to sell energy, capacity and ancillary services at market-based rates.⁶

2. Applicant's Affiliates in SPP

In addition to Grande Prairie Wind, a BHE subsidiary also has an interest in one other wind energy project in the SPP BAA, Marshall Wind Energy LLC (“Marshall Wind”).⁷

Marshall Wind is currently developing and constructing a 72 MW wind energy project in Marshall County, Kansas. Marshall Wind is interconnected to the transmission system owned by Westar Energy, Inc. (“Westar”) and under the operational control of the SPP. Marshall Wind has executed a Generator Interconnection Agreement with SPP and Westar. Marshall Wind is expected to enter into commercial operation in the second quarter of 2016. Marshall Wind has a capacity of 72 MW, all of which is fully committed under long term contracts to off-takers, as discussed below. Marshall Wind has entered into a long term Power Purchase Agreement (“PPA”) for the firm sale of capacity for a period of 20 years from the commercial operation date with four separate off-takers: (i) for 25 MW of capacity to the Kansas Power Pool, a municipal utility in Kansas; (ii) for 20 MW of capacity to the City of Independence, Missouri; (iii) for 20 MW of capacity to the Missouri Joint Municipal Electric Utility Commission; and (iv) for 7 MW

⁶ See *Sierra Pacific Power Co.*, 95 FERC ¶ 61,193, *reh'g denied*, 96 FERC ¶ 61,050 (2001).

⁷ BHE Renewables indirectly owns 100 percent of the equity interests in Marshall Wind.

of capacity to the Kansas Municipal Energy Agency. The Commission has granted Marshall Wind authorization to sell energy, capacity and ancillary services at market-based rates.⁸

In addition to Marshall Wind, BHE Renewables also owns a passive tax equity investment interest in Kingfisher Wind, LLC (“Kingfisher Wind”), which is developing and constructing a 298 MW wind generating facility located in Kingfisher and Canadian Counties, Oklahoma. Kingfisher Wind will interconnect to transmission facilities owned by Oklahoma Gas & Electric Company (“OG&E”) and under the operational control of SPP. BHE Renewables’ interest in Kingfisher Wind is solely a wholly passive tax equity ownership interest consistent with *AES Creative*,⁹ as demonstrated to the Commission in the Updated Market Power Analysis of the BHE Sellers for SPP Region, filed on December 18, 2015.¹⁰ Accordingly, consistent with Order No. 816,¹¹ BHE Renewables’ interest in Kingfisher Wind is not included in BHE’s Asset Appendix and is not included in the horizontal market power indicative screens.

In addition to its affiliated generating capacity in the SPP BAA, Applicant’s affiliate BHE U.S. Transmission, LLC (“BHE Transmission”) is developing transmission facilities. BHE Transmission indirectly owns a 25 percent interest in Prairie Wind Transmission, LLC (“Prairie Wind”),¹² a stand-alone transmission company that owns an approximately 108 mile-long, 345 kV transmission line (the “Prairie Wind Project”) in the SPP BAA that links transmission facilities owned by Westar with those owned by OG&E. The Prairie Wind Project is under the

⁸ See *Marshall Wind Energy LLC*, Letter Order in Docket No. ER16-438-000 (Jan. 27, 2016).

⁹ *AES Creative Res., L.P.*, 129 FERC ¶ 61,239 (2009) (“AES Creative”).

¹⁰ *Marshall Wind Energy LLC, et al.*, Updated Market Power Analysis of the BHE Sellers for the SPP Region, Docket Nos. ER16-438-001, ER15-2211-006, and ER13-1266-007 (Attachment 1 filed Dec. 18, 2015).

¹¹ *Refinements to Policies and Procedures for Market-Based Rates for Wholesale Sales of Electric Energy, Capacity and Ancillary Services by Public Utilities*, 153 FERC ¶ 61,065 at PP 273, 284 (2016) (“Order No. 816”) (“Sellers should not include in their asset appendices entities and facilities for which they have claimed, and demonstrated to the Commission, that the only relationship is through passive, non-controlling interests consistent with *AES Creative* . . .”).

¹² BHE owns its 25 percent interest in Prairie Wind through its 50 percent interest in Electric Transmission America, LLC, a joint venture with AEP Transmission Holding Company, LLC and AEP Transmission Partner LLC. The remaining 50 percent interest in Prairie Wind is owned by Westar.

operational control of SPP and transmission service is provided by SPP pursuant to the terms of the SPP OATT, which is on file with the Commission.

3. Applicant's Affiliates in Other First Tier Markets

In addition to MidAmerican Energy's capacity in the MISO BAA and PacifiCorp's limited capacity in the PSCO BAA, the only other generation or transmission owned or controlled by Marshall Wind and its affiliates in first-tier markets is in the Electric Reliability Council of the Texas ("ERCOT") BAA. BHE's subsidiaries own interests in five generating facilities operating or under development in the ERCOT BAA: Power Resources, Ltd. ("Power Resources"), TX Jumbo Road Wind, LLC ("Jumbo Road"), Shannon Wind, LLC ("Shannon Wind"), South Plains Wind Energy II, LLC ("South Plains II"), and Mariah del Norte LLC ("Mariah del Norte"). All five of these entities sell power exclusively in ERCOT and none of the five has authority to sell energy, capacity and ancillary services at market-based rates in Commission-jurisdictional markets.¹³ Accordingly, Jumbo Road, Shannon Wind, Power Resources, South Plains II, and Mariah del Norte are not authorized to sell power in Commission-jurisdictional markets, including the SPP BAA. Therefore, Jumbo Road, Shannon Wind, Power Resources, South Plains II, and Mariah del Norte are not included in Ms. Solomon's market power analysis.¹⁴

III. REQUEST FOR MARKET-BASED RATE AUTHORITY

Grande Prairie Wind requests authorization to sell electric energy, capacity and certain ancillary services at market-based rates pursuant to the attached Tariff. The Commission

¹³ See *Power Resources, Ltd.*, Notice of Cancellation of MBR Tariff in Docket No. ER16-516-000 (filed Dec. 14, 2015) and *Power Resources, Ltd.*, letter order accepting Notice of Cancellation of MBR Tariff in Docket No. ER16-516-000 (Jan. 14, 2016).

¹⁴ Applicant notes that BHE Renewables' interests in South Plains II and Mariah del Norte are wholly passive tax equity ownership interests consistent with *AES Creative*. However, because neither of these entities nor any of the other three entities in ERCOT are authorized to sell energy in Commission-jurisdictional markets, these entities are not included in Ms. Solomon's market power analysis.

authorizes wholesale sales of energy, capacity and certain ancillary services at market-based rates, provided that the seller and each of its affiliates in the relevant geographic market do not have, or have adequately mitigated, horizontal and vertical market power.¹⁵ The Grande Prairie Wind Facility is interconnected to the transmission system owned by Western Area Power Administration – Upper Great Plains customer service region and under the operational control of SPP. Thus, the relevant market for Grande Prairie Wind is the BAA of the SPP RTO.¹⁶ The Applicant has engaged Julie R. Solomon of Navigant Consulting to evaluate horizontal market power based on the two market power screens established by the Commission. As demonstrated below and in the indicative screens performed by Ms. Solomon and included in Attachment 2, the Applicant does not possess or have the ability to exercise horizontal or vertical market power in the relevant geographic market. Accordingly, the Applicant meets the Commission’s requirements for granting authority to make sales of energy, capacity, and certain ancillary services at market-based rates.

A. Applicant Will Not Have Horizontal Market Power

The Commission employs two indicative screens for assessing horizontal market power in connection with requests to obtain or retain the authority to sell electricity at market-based rates: the Pivotal Supplier Screen and the Wholesale Market Share Screen. The Pivotal Supplier Screen evaluates the potential of a seller and its affiliates to exercise market power based on uncommitted capacity at the time of the relevant market’s peak demand. The Wholesale Market

¹⁵ *Market-Based Rates for Wholesale Sales of Electric Energy, Capacity and Ancillary Services by Public Utilities*, Order No. 697, FERC Stats. & Regs. ¶ 31,252 (“Order No. 697”), *clarified*, 121 FERC ¶ 61,260 (2007), *order on reh’g*, Order No. 697-A, FERC Stats. & Regs. ¶ 31,268, *clarified*, 124 FERC ¶ 61,055, *order on reh’g*, Order No. 697-B, FERC Stats. & Regs. ¶ 31,285 (2008), *order on reh’g*, Order No. 697-C, FERC Stats. & Regs. ¶ 31,291 (2009), *order on reh’g*, Order No. 697-D, FERC Stats. & Regs. ¶ 31,305 (2010), *aff’d sub nom. Montana Consumer Counsel v. FERC*, 659 F.3d 910 (9th Cir. 2011).

¹⁶ *See* Order No. 697 at P 231 (directing that the “default” geographic market is the balancing authority area in which the market-based rate seller owns or controls generation); *id.* at P 235 (instructing sellers located in an RTO like SPP to use the RTO footprint as the relevant geographic market).

Share Screen measures whether a seller and its affiliates have a dominant position in the market, for each of the four seasons, based on the number of megawatts of uncommitted capacity owned or controlled by the seller and its affiliates as compared to uncommitted capacity of the entire relevant market. If an entity passes both of these screens, there is a presumption that the entity does not have horizontal market power and no further analysis is required. As demonstrated in the attached indicative screens performed by Ms. Solomon, which are included in Attachment 2, Grande Prairie Wind and its affiliates do not have horizontal market power in the relevant geographic market, which is the SPP BAA.¹⁷ Ms. Solomon's indicative screens are also included with this filing in workable electronic spreadsheet format as required by Order No. 816.¹⁸ As discussed above, all 400 MW of Grande Prairie Wind's capacity is fully committed to an off-taker under a single long-term PPA. Therefore, Grande Prairie Wind has zero megawatts of uncommitted capacity. As Ms. Solomon's analysis shows, the Applicant has one affiliate in the SPP BAA with a generating facility under construction, Marshall Wind. As discussed above, all 72 MW of Marshall Wind's capacity is fully committed to purchasers under long term contracts. Therefore, Grande Prairie Wind and its affiliates in SPP have zero uncommitted capacity in the SPP BAA. Furthermore, Grande Prairie Wind and its affiliates have no long term firm purchases of energy or capacity in the SPP BAA. Finally, the Applicant's affiliates have capacity in the MISO and PSCO first-tier markets. However, as discussed in Ms. Solomon's affidavit, the Commission has recently determined that SIL into SPP from first-tier markets (including MISO and PSCO) is zero.¹⁹ Thus, no imported capacity is attributed to any entity, including the Applicant's affiliates, and Applicant's total uncommitted capacity remains zero megawatts.

¹⁷ See Affidavit of Julie R. Solomon, Att. 2 ("Solomon Affidavit").

¹⁸ Order No. 816 at P 80; 18 C.F.R. § 35.37(c)(4) (2016).

¹⁹ See *Appalachian Power Company, et al.*, 153 FERC ¶ 61,318, at P 13 (2015).

As shown in the market power screens included in Attachment 2, Applicant and its affiliates easily pass both of the Commission's indicative screens. With respect to the Commission's Pivotal Supplier Screen, Applicant's and its affiliates zero megawatts of uncommitted capacity is less than the Net Uncommitted Supply of over 36,000 MW in the SPP market. (See rows Q and P, respectively, in the Pivotal Supplier Analysis).²⁰ With respect to the Commission's Wholesale Market Share Screen, Applicant and its affiliates have zero percent share of the SPP market in all seasons, and therefore, their share is well below the threshold of 20 percent. (See row T in the Market Share Analysis).²¹

B. Applicant Will Not Have Vertical Market Power

Applicant and its affiliates do not have vertical market power. Applicant lacks transmission market power. Applicant does not own or control any transmission facilities other than the equipment necessary to interconnect the Facility to the SPP-controlled transmission grid. Other than interconnection facilities needed to connect their generating facilities to the transmission system, Applicant and its affiliates own no transmission facilities in SPP BAA other than the Prairie Wind Project that is under the operational control of SPP. SPP provides service on the Prairie Wind Project, together with the rest of the SPP-controlled transmission grid, under the terms of the SPP OATT. Although certain of Applicant's other affiliates, including PacifiCorp, MidAmerican Energy, Nevada Power and Sierra Pacific Power, own transmission facilities that are located outside of the SPP BAA, service on their respective transmission facilities is provided pursuant to the terms of the Commission-approved OATTs of PacifiCorp and NV Energy and MISO in the case of MidAmerican Energy.

²⁰ See Solomon Affidavit, Att. 2, at Ex. JRS-3.

²¹ See *id.*, Att. 2, at Ex. JRS-4.

Nor does Applicant have the ability to erect any other barriers to entry anywhere in the United States. Neither Applicant nor its affiliates own or control any intrastate natural gas transportation, intrastate natural gas storage or distribution facilities in SPP, in any first-tier market, or anywhere in the United States, other than the North Country intrastate natural gas pipeline in New York, which serves its affiliate Saranac's generating facility in upstate New York, and intrastate natural gas facilities in MISO owned by MidAmerican Energy and in the Northwest Region owned by Sierra Pacific, as discussed above. As described in greater detail below, MidAmerican Energy and PacifiCorp each own or control limited coal transportation facilities for use in supplying coal to their respective coal-fired generating facilities, and PacifiCorp has limited coal reserves. The Commission has previously determined that ownership or control of these assets does not give MidAmerican Energy or PacifiCorp the ability to exercise vertical market power.²²

MidAmerican Energy does not own any coal reserves and acquires all the coal it needs for electric generation from unaffiliated suppliers pursuant to long- and short-term contracts. MidAmerican Energy owns or controls, through lease agreements, a fleet of coal rail cars for private use in connection with its coal-fired generation. From time to time, MidAmerican Energy may lease or sublease a small fraction of these rail cars for short-term use. MidAmerican Energy also owns various limited "spur lines" that are dedicated for private local transportation of coal to its generating stations. MidAmerican Energy does not own any other coal transportation equipment or facilities.²³

²² See *PacifiCorp*, Docket No. ER97-2801-030, *et al.* (June 29, 2011) (unreported) (order accepting the most recent updated power analysis filed by Applicant's affiliates with market-based rate authority, including PacifiCorp and MidAmerican).

²³ As noted above, in 2010, Berkshire Hathaway, BHE's parent, completed a transaction pursuant to which BNSF became a subsidiary of Berkshire Hathaway. BNSF has its own independent management, and is operated separately and apart from BHE and its energy subsidiaries, including Applicant. BNSF is a common carrier and is subject to regulation by the U.S. Surface Transportation Board. Thus, BHE's affiliation with BNSF would not give Applicant or its affiliates the ability to exercise vertical market power or to erect barriers to entry.

PacifiCorp does not own or control infrastructure for the transportation of coal supplies such as barges and rail cars, other than those spur lines and rail cars necessary to move coal to PacifiCorp's own mine mouth generating facilities. PacifiCorp controls some coal mining operations in Colorado, Utah and Wyoming through ownership or lease. All of the coal mined at these operations is used at generating facilities owned and/or operated by PacifiCorp, and PacifiCorp's coal mining operations represent a small fraction of the total coal operations in the western United States.

NV Energy does not own or control infrastructure for the transportation of coal supplies such as barges and rail cars and acquires the coal it needs from unaffiliated suppliers.

In addition, Applicant hereby certifies that Grande Prairie Wind and its affiliates that own and operate limited and discrete transmission facilities (*e.g.*, interconnection facilities) satisfy the requirements for a blanket waiver under Section 35.28(d)(2) of the Commission's regulations and Commission Order No. 807.²⁴ Finally, as required by Section 35.37(e)(3) of the Commission's regulations,²⁵ Applicant affirmatively states that it and its affiliates have not erected barriers to entry into the relevant market and will not erect barriers to entry into the relevant market.

IV. ASSET APPENDIX

Section 35.37(a)(2) of the Commission's regulations²⁶ requires market-based rate sellers to include an appendix of assets in the form provided in Appendix B to Subpart H of Part 35 of the Commission's regulations²⁷ when submitting a market power analysis. A list of the assets

²⁴ See 18 C.F.R. § 35.28(d)(2) (2014); *Open Access and Priority Rights on Interconnection Customer's Interconnection Facilities*, Order No. 807, 150 FERC ¶ 61,211 (2015) ("Order No. 807"). Grande Prairie Wind also confirms all other transmission facilities owned by Grande Prairie Wind's affiliates (*i.e.*, PacifiCorp, MidAmerican Energy Company, Nevada Power Company, Sierra Pacific Power Company, Prairie Wind Transmission, LLC) are included under Commission-approved OATTs, as discussed herein.

²⁵ 18 C.F.R. § 35.37(e)(3).

²⁶ 18 C.F.R. § 35.37(a)(2).

²⁷ 18 C.F.R. Part 35, Appendix B to Subpart H of Part 35.

owned or controlled by Applicant and its affiliates in the form provided in Appendix B to Subpart H of Part 35 is provided in Attachment 3 to this filing and is included with this filing in an electronic spreadsheet format, as required by Order No. 816.²⁸

V. REPORTING REQUIREMENTS

Applicant will file contract and transaction data for all sales under the Tariff in its Electric Quarterly Reports pursuant to the Commission's filing requirements, as established by Order Nos. 2001²⁹ and 768,³⁰ and as may be amended from time to time.³¹ In accordance with Order No. 652³² and Section 35.42 of the Commission's regulations,³³ Applicant will also notify the Commission within 30 days after any change in status that would reflect a departure from the characteristics relied upon by the Commission in its evaluation of Applicant's application for market-based rate authority.

VI. REQUEST FOR WAIVERS AND BLANKET AUTHORIZATIONS

Applicant respectfully requests that the Commission grant it waivers and authorizations consistent with those granted to other entities with market-based rate authority. Specifically, Applicant requests the following waivers and blanket approvals:

²⁸ Order No. 816 at P 305.

²⁹ *Revised Public Utility Filing Requirements*, Order No. 2001, FERC Stats. & Regs. ¶ 31,127, *reh'g denied*, Order No. 2001-A, 100 FERC ¶ 61,074, *reh'g denied*, Order No. 2001-B, 100 FERC ¶ 61,342, *order directing filing*, Order No. 2001-C, 101 FERC ¶ 61,314 (2002), *order directing filing*, Order No. 2001-D, 102 FERC ¶ 61,334, *order refining filing requirements*, Order No. 2001-E, 105 FERC ¶ 61,352 (2003), *order on clarification*, Order No. 2001-F, 106 FERC ¶ 61,060 (2004), *order revising filing requirements*, Order No. 2001-G, 120 FERC ¶ 61,270, *order on reh'g and clarification*, Order No. 2001-H, 121 FERC ¶ 61,289 (2007), *order revising filing requirements*, Order No. 2001-I, FERC Stats. & Regs. ¶ 31,282 (2008).

³⁰ *Elec. Mkt. Transparency Provisions of Section 220 of the Fed. Power Act*, Order No. 768, FERC Stats. & Regs. ¶ 31,336 (2012), *order on reh'g*, Order No. 768-A, 143 FERC ¶ 61,054 (2013).

³¹ *See, e.g., Revisions to Electric Quarterly Report Filing Process*, Order No. 770, FERC Stats. & Regs. ¶ 31,338 at P 3 (2012) (citing Order No. 2001, FERC Stats. & Regs. ¶ 31,327 at P 31).

³² *Reporting Requirements for Changes in Status for Public Utilities with Market-Based Rate Authority*, Order No. 652, FERC Stats. & Regs. ¶ 31,175, *order on reh'g*, 111 FERC ¶ 61,413 (2005).

³³ 18 C.F.R. § 35.42.

- 1) Waivers of Subparts B and C of Part 35 of the Commission's regulations requiring the filing of cost-of service information,³⁴ except for Sections 35.12(a), 35.13(b), 35.15 and 35.16;³⁵
- 2) Waivers of the accounting and periodic reporting requirements in Part 41, Part 101 and Part 141 of the Commission's regulations,³⁶ except Sections 141.14 and 141.15,³⁷ and with the exception that waiver of the provisions of Part 101 that apply to hydropower licenses is not granted with respect to licensed hydropower projects;
- 3) Blanket approval under Part 34 of the Commission's regulations³⁸ for all future issuances of securities or assumptions of liabilities pursuant to Section 204 of the FPA; and
- 4) Such other waivers and authorizations as the Commission may deem appropriate.

VII. CATEGORY STATUS

Applicant is a power producer located in the Southwest Power Pool region. Applicant's affiliate Prairie Wind Transmission, LLC owns a 25 percent interest in a transmission facility in the Southwest Power Pool region. Accordingly, pursuant to the definition of Category 2 Sellers in Section 35.36(a)(3) of the Commission's regulations, Applicant is a Category 2 seller in the Southwest Power Pool region.

With respect to the Central, Northeast, Northwest, Southeast and Southwest regions, Applicant affirms with respect to each of those regions: that Applicant owns or controls less than 500 MW of generation in each such region; that Applicant does not own, operate or control

³⁴ 18 C.F.R. §§ 35.12-35.29.

³⁵ 18 C.F.R. §§ 35.12(a), 35.13(b), 35.15, 35.16.

³⁶ 18 C.F.R. Parts 41, 101, 141.

³⁷ 18 C.F.R. §§ 141.14, 141.15.

³⁸ 18 C.F.R. Part 34.

any transmission facilities in each such region; that Applicant is not affiliated with any entity that owns, operates or controls transmission facilities in the same region as its generation assets in each such region; that Applicant is not affiliated with a franchised public utility in the same region as its generation assets in each such region; and that Applicant does not raise other vertical market power issues.³⁹ As a power producer, Applicant may qualify as a Category 1 seller in regions where the Applicant itself does not own or control any generation or transmission assets, but where it has affiliates that are Category 2 sellers.⁴⁰ Accordingly, Applicant respectfully requests that it be designated as a Category 1 Seller, within the meaning of Section 35.36(a)(2) of the Commission's regulations,⁴¹ in all regions except the Southwest Power Pool region.

VIII. NOTIFICATION OF PRICE REPORTING STATUS

Section 35.41(c) of the Commission's regulations⁴² requires that a seller with market-based rate authority notify the Commission whether it engages in the reporting of transactions to publishers of electric or natural gas price indices. Applicant hereby notifies the Commission that it will not engage in such reporting.

IX. EFFECTIVE DATE

Applicant requests that the Commission accept Applicant's proposed Tariff to become effective May 22, 2016 (*i.e.*, 61 days after filing).

³⁹ See *Market-Based Rates for Wholesale Sales of Electric Energy, Capacity and Ancillary Services by Public Utilities*, Order No. 697, 119 FERC ¶ 61,295 at P 849 n.1000 (2007).

⁴⁰ See Order No. 816 at 317.

⁴¹ 18 C.F.R. § 35.36(a)(2).

⁴² 18 C.F.R. § 35.41(c).

X. CONCLUSION

For the foregoing reasons, Applicant respectfully requests that the Commission act expeditiously to issue an order that: (i) authorizes Applicant to sell energy, capacity and certain ancillary services at market-based rates; (ii) accepts Applicant's proposed Tariff to become effective May 22, 2016 (*i.e.*, 61 days after filing); and (iii) grants the waivers and blanket authorizations typically granted to similarly-situated entities with market-based rate authority, as requested herein.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'William R. Hollaway', is written over a horizontal line.

William R. Hollaway, Ph.D.
Janine Durand
David H. Glanton
GIBSON DUNN & CRUTCHER, LLC
1050 Connecticut Ave., N.W.
Washington, DC 20036

Counsel for Grande Prairie Wind, LLC

Dated: March 22, 2016

ATTACHMENT 1

Proposed Market-Based Rate Tariff

GRANDE PRAIRIE WIND, LLC

Market-Based Rate Tariff

1. Availability: Grande Prairie Wind, LLC (“Seller”) makes electric energy, capacity, and ancillary services available under this tariff to any purchaser, except as prohibited below.
2. Applicability: This tariff is applicable to all sales of energy, capacity and ancillary services by Seller at market-based rates.

3. Ancillary Services:

Southwest Power Pool: Seller offers regulation service and operating reserve service (which include 10-minute spinning reserve and 10-minute supplemental reserve) for sale to the Southwest Power Pool, Inc. (“SPP”) and to others that are self-supplying ancillary services to SPP.

Third-party ancillary services: Seller offers Regulation and Frequency Response Service, Reactive Supply and Voltage Control Service, Energy and Generator Imbalance Service, Operating Reserve-Spinning, and Operating Reserve-Supplemental. Sales will not include the following: (1) sales to an RTO or an ISO, i.e., where that entity has no ability to self-supply ancillary services but instead depends on third parties; and (2) sales to a traditional, franchised public utility affiliated with the third-party supplier, or sales where the underlying transmission service is on the system of the public utility affiliated with the third-party supplier. Sales of Operating Reserve-Spinning and Operating Reserve-Supplemental will not include sales to a public utility that is purchasing ancillary services to satisfy its own open access transmission tariff (“OATT”) requirements to offer ancillary services to its own customers, except where the Commission has granted authorization. Sales of Regulation and Frequency Response Service and Reactive Supply and Voltage Control Service will not include sales to a public utility that is purchasing ancillary services to satisfy its own OATT requirements to offer ancillary services to its own customers, except at rates not to exceed the buying public utility transmission provider’s OATT rate for the same service or where the Commission has granted authorization.

4. Rates: All sales shall be made at rates established by agreement between the purchaser and Seller.
5. Other Terms and Conditions: All other terms and conditions shall be established by agreement between the purchaser and Seller.
6. Compliance with Commission Regulations: Seller shall comply with the provisions of 18 C.F.R. Part 35, Subpart H, as applicable, and with any conditions the Commission imposes in its orders concerning Seller’s market-based rate authority, including orders in which the Commission authorizes Seller to engage in affiliate sales under this tariff or otherwise restricts or limits the Seller’s market-based rate authority. Failure to comply

with the applicable provisions of 18 C.F.R. Part 35, Subpart H, and with any orders of the Commission concerning Seller's market-based rate authority, will constitute a violation of this tariff.

7. Limitations and Exemptions Regarding Market-Based Rate Authority:

(a) Mitigated Markets: Seller does not have authority under this tariff to make sales within the NV Energy balancing authority area. *See Sierra Pacific Power Co.*, 95 FERC ¶ 61,193, at 61,675, *reh'g dismissed*, 96 FERC ¶ 61,050 (2001); *see also Sierra Pacific Power Co.*, 111 FERC ¶ 61,259, at P 21 (2005).

(b) Mitigated Sales: Sales of energy and capacity are permissible under this tariff in all balancing authority areas where the Seller has been granted market-based rate authority. Sales of energy and capacity under this tariff are also permissible at the metered boundary between the Seller's mitigated balancing authority area and a balancing authority area where the Seller has been granted market-based rate authority provided: (i) legal title of the power sold transfers at the metered boundary of the balancing authority area where the Seller has market-based rate authority; and (ii) if the Seller sells at the metered boundary of a mitigated balancing authority area at market-based rates, then neither it nor its affiliates can sell into that mitigated balancing authority area from the outside. Seller must retain, for a period of five years from the date of the sale, all data and information related to the sale that demonstrates compliance with items (i) and (ii) above.

(c) Exemptions: The Commission has granted Seller the following waivers and blanket authorizations: (i) waivers of Subparts B and C of Part 35 of the Commission's regulations requiring the filing of cost-of-service information, except for Sections 35.12(a), 35.13(b), 35.15 and 35.16; (ii) waivers of Part 41, Part 101, and Part 141 of the Commission's regulations regarding accounting and periodic reporting requirements, except Sections 141.14 and 141.15, and with the exception that waiver of the provisions of Part 101 that apply to hydropower licenses is not granted with respect to licensed hydropower projects; and (iii) blanket approval under Part 34 for all future issuances of securities or assumptions of liabilities pursuant to Section 204 of the Federal Power Act, 16 U.S.C. § 824c. *Grande Prairie Wind, LLC*, Docket No. ER16-___-000 (2016).

8. Seller Category: Seller is a Category 2 seller in the Southwest Power Pool region, and a Category 1 seller in the Central, Northeast, Northwest, Southeast and Southwest regions, as defined in 18 C.F.R. § 35.36(a).

9. Effective Date: This tariff shall be effective on and after the date on which the Commission permits it to become effective.

ATTACHMENT 2

Affidavit of Julie R. Solomon

**UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION**

Grande Prairie Wind, LLC

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Docket No. ER16-___-000

**AFFIDAVIT OF
JULIE R. SOLOMON**

INTRODUCTION

My name is Julie R. Solomon. I am a Managing Director of Navigant Consulting, Inc. My business address is 1200 19th Street, N.W., Suite 700, Washington, DC 20036. A large portion of my consulting activities involves electric utility industry restructuring and the transition from regulation to competition. I have been involved extensively in consulting on market power issues concerning mergers, other asset transactions and market-based rate applications. I have filed a number of affidavits before the Federal Energy Regulatory Commission (the “Commission”) in connection with electric utility mergers, the purchase and sale of jurisdictional assets, applications for market-based rates, and triennial market power analysis updates. My resume is attached as Exhibit JRS-1.

I have been asked by counsel for Grande Prairie Wind, LLC (“Grande Prairie Wind” or “Applicant”) to perform an analysis of market power in compliance with the Commission’s guidelines contained in *Order No. 697* for market-based rate applications.¹ Grande Prairie Wind is developing and constructing a 400 MW project in Holt County, Nebraska (the “Facility”). Here, I provide an evaluation of horizontal and vertical market power issues for the Southwest Power Pool, Inc. (“SPP”), where the Facility is located.

¹ *Market-Based Rates for Wholesale Sales of Elec. Energy, Capacity and Ancillary Servs. by Pub. Utils.*, Order No. 697, FERC Stats. & Regs. ¶ 31,252, *clarified*, 121 FERC ¶ 61,260 (2007), *order on reh'g and clarification*, Order No. 697-A, FERC Stats. & Regs. ¶ 31,268, *order on reh'g and clarification*, 124 FERC ¶ 61,055, *order on reh'g and clarification*, Order No. 697-B, FERC Stats. & Regs. ¶ 31,285 (2008), *order on reh'g and clarification*, Order No. 697-C, FERC Stats. & Regs. ¶ 31,291 (2009), *order on reh'g and clarification*, Order No. 697-D, FERC Stats. & Regs. ¶ 31,305, *order on clarification*, 131 FERC ¶ 61,021, *reh'g denied*, 134 FERC ¶ 61,046 (2010), *appeal docketed sub nom. Mont. Consumer Counsel v. FERC*, Nos. 08-71827, *et al.* (9th Cir. filed May 1, 2008) (collectively, "Order No. 697") (codified at 18 C.F.R. pt. 35).

SUMMARY OF CONCLUSIONS

Based on the analyses discussed herein, I find that, under the Commission's guidelines, Grande Prairie Wind satisfies the Commission's horizontal market power screens in SPP, and it does not have vertical market power in this market.

The analysis I have conducted is consistent with *Order No. 697* and related orders. I have performed the two indicative horizontal market power screens required by the Commission, namely a pivotal supplier analysis based on the annual peak demand of the relevant market ("Pivotal Supplier Analysis") and a market share analysis ("Market Share Analysis").

Grande Prairie Wind passes both the Pivotal Supplier Analysis and the Market Share Analysis in the relevant market, and therefore Grande Prairie Wind and its affiliates lack horizontal market power with respect to sales in this market. It also lacks vertical market power. With one exception, the only transmission facilities owned or controlled by Grande Prairie Wind and its affiliates in SPP consists of transmission necessary to connect their generating facilities to the grid. One of Grande Prairie Wind's affiliates indirectly owns a 25 percent interest in Prairie Wind Transmission, LLC ("Prairie Wind"), which owns a 345 kV transmission line. This transmission is under the operational control of SPP, and subject to the Commission-approved SPP Open Access Transmission Tariff ("OATT"). Thus, affiliated transmission in SPP does not raise any vertical market power concerns.

Grande Prairie Wind and its affiliates cannot erect barriers to entry. There are no other issues that raise any relevant competitive concerns.

Accordingly, Grande Prairie Wind should be authorized to sell power at market-based rates.

DESCRIPTION OF RELEVANT ENTITIES AND GENERATION

Grande Prairie Wind owns a 400 MW wind facility under construction in Holt County, Nebraska that will be interconnected to a transmission line owned and operated by the Western Area Power Administration ("WAPA"). In October 2015, WAPA's Upper Great Plains Region transferred functional control of its integrated transmission system to SPP. All of the facility's output is committed under a long-term contract to Omaha Public Power District. Test power is

expected by October 2016. Grande Prairie Wind is a direct, wholly-owned subsidiary of BHE Wind, LLC, which, in turn, is a direct, wholly-owned subsidiary of BHE Renewables, LLC (“BHE Renewables”). BHE Renewables is a direct, wholly-owned subsidiary of Berkshire Hathaway Energy Company (“BHE”).

Grande Prairie Wind is affiliated with an additional 72 MW of generation located in SPP (all of which is committed under long-term contracts),² and also is affiliated with 9,772 MW of owned or purchased generation located in markets first-tier to SPP – primarily in Midcontinent Independent System Operator, Inc. (“MISO”). Exhibit JRS-2 provides the relevant details.³ Other than the long-term sales contracts related to the generation in SPP, my analysis conservatively ignores other such contracts with respect to affiliated generation.

HORIZONTAL MARKET POWER

Background and Analytic Approach

In *Order No. 697*, the Commission codified a methodology for assessing market power to be used by parties requesting market-based rate authority under Section 205 of the Federal Power Act or making their required triennial market power update filings. The Commission applies two screens – the Pivotal Supplier Analysis and the Market Share Analysis – intended to demonstrate a lack of horizontal market power. If an entity fails to pass either of the screens, there is a presumption of horizontal market power and further analysis is required.

In *Order No. 697*, the Commission defines the default relevant markets, first, as the balancing area authority (“BAA”) in which the filing entity is physically located, and second, if the filing entity is a transmission owner, as the markets directly interconnected to the seller’s BAA

² Additionally, an affiliate of Grande Prairie Wind has a passive interest in Kingfisher Wind, LLC (“Kingfisher”), which is constructing a 298 MW wind facility in the SPP, which has been demonstrated to the Commission in accordance with Order No. 816. For purposes of my analysis, I have treated the interest as passive and thus not treated Kingfisher Wind as an affiliate. (Note that in the recent triennial for the SPP region on behalf of BHE Renewables and its affiliates, I included a sensitivity analysis that assumes that BHE’s interest is not passive and treats Kingfisher Wind as an affiliate. While I have not included this sensitivity here, it is self-evident from the results of the indicative screens that such screens would easily be passed even with the inclusion of an additional 298 MW of affiliated capacity in SPP.)

³ Affiliates of Grande Prairie Wind also own generation in the Electric Reliability Council of the Texas (“ERCOT”), which is a first-tier market to SPP. However, none of the affiliated ERCOT generation has market-based rate authority to sell into the FERC-jurisdictional markets.

(*i.e.*, first-tier BAAs).⁴ Sellers located in and members of Regional Transmission Organizations (“RTOs”) and Independent System Operators (“ISOs”) may use the geographic region under the control of the RTO/ISO as the default relevant geographic market.⁵ Thus, the default relevant market is SPP. In conducting my analysis, I also took into account affiliated generation located in first-tier markets, as potential supply into SPP.

Pivotal Supplier Analysis

The Pivotal Supplier Analysis seeks to determine if load can be served without an applicant’s generation. *Order No. 697* specifies a number of calculations for the Pivotal Supplier screen.⁶

First, Total Uncommitted Supply is calculated based on installed capacity (adjusted for long-term firm purchases and sales) plus imports less the reserve requirement (*i.e.*, operating reserves) less the average daily peak native load for the peak month.

Second, Wholesale Load is calculated based on the difference between the annual peak load (needle peak) for the BAA and the average daily peak native load for the peak month. The average daily peak native load attributed to applicants/sellers is also calculated.

Third, Net Uncommitted Supply is calculated based on the difference between Total Uncommitted Supply and Wholesale Load. Seller’s Uncommitted Capacity is based on Seller’s Total Uncommitted Capacity less its average daily peak native load.

If Seller’s Uncommitted Capacity is less than the Net Uncommitted Supply, the Pivotal Supplier Analysis is passed.

⁴ *Order No. 697* at P 232.

⁵ *Id.* at P 235.

⁶ *See* Appendix A, Part I of *Order No. 697*.

Market Share Analysis

The Market Share Analysis evaluates, for each of the four seasons, whether the applicant has a dominant position in the market, with dominance defined as a market share in excess of 20 percent. *Order No. 697* specifies a number of calculations for the market share screen.⁷

First, Seller and Affiliate Capacity is calculated based on installed capacity (adjusted for long-term firm purchases and sales) plus imports less planned outages. Non-Affiliate Capacity is calculated in a similar manner.

Second, Capacity Deductions are calculated based on average peak native load in the season (averaged over all days) plus operating reserves.

Third, Seller's Uncommitted Capacity is calculated by subtracting the Capacity Deductions attributed to Seller from Seller and Affiliate Capacity; and Total Competing Supply is calculated by subtracting the Capacity Deductions attributed to others from Non-Affiliate Capacity. Total Seasonal Uncommitted Capacity is the sum of Seller's Uncommitted Capacity and Total Competing Supply.

Finally, Seller's Market Share is calculated as Seller's Uncommitted Capacity as a percent of Total Seasonal Uncommitted Capacity.

If Seller's Market Share is less than 20 percent in all seasons, the Market Share Analysis is passed.

Assumptions

Relevant Geographic Market. SPP is the only relevant geographic market for purposes of this analysis.

Study Period.⁸ My analysis of SPP is based on a December 2012-November 2013 study period, consistent with the Commission's instruction that non-transmission owning applicants filing new

⁷ See Appendix A, Part II of *Order No. 697*.

market-based rate applications “should rely on the same vintage data that were used in the triennial reviews filed by the transmission owners in their region within the past year.”⁹ The triennial reviews by transmission owners in the SPP Region were filed in June 2015. I note also that there would not be “a significant increase in market shares in any season if more recent data had been used.”¹⁰ Grande Prairie Wind is affiliated with zero uncommitted capacity in the SPP.

SPP Report. For my analysis of SPP, I rely primarily on information prepared by SPP at the request of its member Transmission Owners to compile data consistent with Order No. 697 on an aggregate basis for SPP.¹¹ The SPP information includes data on generating capacity, long-term purchases and sales, operating reserves, planned outages, and load. I also rely on BHE’s recent SPP triennial filing, adjusted to incorporate the zero Simultaneous Import Limit (“SIL”) for SPP accepted by the Commission.¹²

Generation. For seasonal ratings relevant to Applicant-affiliated generation, I rely on summer and winter ratings reported in the Energy Information Administration’s “Annual Electric Generator Report,” Form EIA-860,¹³ or information from the Asset Appendix.

SIL and Allocation of Imports. I used the SILs accepted by the Commission in connection with SPP’s triennial proceeding, which are zero in each season.¹⁴ Thus, there are no imports allocated to Applicant or its affiliates.

⁸ Consistent with the *Clarification Order*, 121 FERC ¶ 61,260 at P 12(a) (2007), I used the following seasons for my analysis: Winter (December-February), Spring (March-May), Summer (June-August) and Fall (September-November).

⁹ *Id.*, at 12(d).

¹⁰ *Id.*

¹¹ Southwest Power Pool, Inc., Docket No. AD10-02-5, Filed June 30, 2015, “Informational Filing of 2015 Simultaneous Import Limit Study for SPP Region.”

¹² *Marshall Wind Energy LLC*, Docket No. ER16-438 *et al.*, triennial for SPP region filed December 18, 2015.

¹³ <http://www.eia.gov/cneaf/electricity/page/eia860.html>.

¹⁴ *Appalachian Power Company*, Order Accepting Updated Market Power Analysis And Simultaneous Transmission Import Limit Values For The Southwest Power Pool Region, 153 FERC ¶ 61,318 (2015).

Results of Analysis

Detailed results are shown in Exhibits JRS-3 (Pivotal Supplier Analysis) and JRS-4 (Market Share Analysis) and described below.

Pivotal Supplier Analysis. Grande Prairie Wind and its affiliates will own 472 MW in SPP, all of which is committed under long-term contracts. They are attributed no imports (because the SIL is zero). Thus, Seller's Uncommitted Capacity is zero. Net Uncommitted Supply is 36,452 MW. Because Seller's Uncommitted Capacity is less than the Net Uncommitted Supply, the Pivotal Supplier Analysis is passed in SPP. *See* Exhibit JRS-3.

Market Share Analysis. Grande Prairie Wind and its affiliates' Installed Capacity is 472 MW, all of which is committed under long-term contracts. They are attributed no imports (because the SIL is zero). Seller's Uncommitted Capacity is zero. Total Seasonal Uncommitted Capacity ranges from 34,341 MW to 44,071 MW. Seller's Market Share is zero. Because Seller's Market Share is less than 20 percent in all seasons, the Market Share Analysis is passed in SPP. *See* Exhibit JRS-4.

Thus, on the basis of the Commission's screens, Grande Prairie Wind does not have horizontal market power in SPP.

VERTICAL MARKET POWER

Transmission

An affiliate of Grande Prairie Wind indirectly owns a 25 percent interest in Prairie Wind, which owns a 345 kV transmission line. This transmission is under the operational control of SPP, and subject to the Commission-approved SPP OATT. Other transmission facilities owned by Grande Prairie Wind and its affiliates in SPP consist of transmission necessary to connect their generating facilities to the grid and thus do not raise any vertical market power concerns. Thus, affiliated transmission in SPP does not raise any vertical market power concerns.

Barriers to Entry

Grande Prairie Wind and its affiliates cannot erect barriers to entry. None of its affiliates own intrastate pipelines. None of its affiliates own any other coal transportation equipment or facilities within SPP.¹⁵

Notably, there is no basis to dispute the Commission's rebuttable presumption that such ownership does not allow a seller to raise entry barriers.¹⁶ There are no other issues that raise any relevant competitive concerns.

I understand that an affirmative statement on behalf of Grande Prairie Wind is included in the transmittal letter that neither it nor its affiliates has erected barriers to entry and will not erect barriers to entry.

CONCLUSION

On the basis of the foregoing analysis, Grande Prairie Wind clearly satisfies the Commission's market power requirements for market-based rate authority in the SPP Region.

¹⁵ As described in the transmittal letter, BNSF Railway Company ("BNSF") is a subsidiary of Berkshire Hathaway. BNSF has its own independent management, is operated separately and apart from BHE and its energy subsidiaries, and is a common carrier subject to regulation by the Surface Transportation Board. Grande Prairie Wind's affiliation with BNSF would not give them or their affiliates the ability to exercise vertical market power or to erect barriers to entry.

¹⁶ *Order No. 697* at P 21.

UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION

Grande Prairie Wind, LLC

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Docket No. ER16-___-000

AFFIDAVIT

District of Columbia

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JULIE R. SOLOMON being duly sworn, deposes and states: that she prepared the Affidavit and Exhibits of Julie R. Solomon and that the statements contained therein and the Exhibits attached hereto are true and correct to the best of her knowledge and belief.

Julie R. Solomon

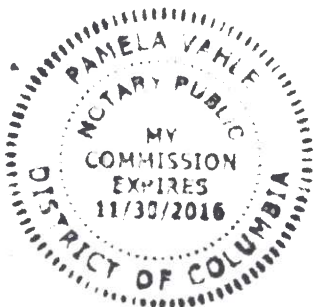
Julie R. Solomon

SUBSCRIBED AND SWORN TO BEFORE ME, this the 7 day of March 2016.

Pamela Vahle
Notary Public, District of Columbia

Printed Name: Pamela Vahle

My Commission Expires: 11/30/16





Julie R. Solomon

Julie R. Solomon
Managing Director

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Professional History

- Managing Director, Navigant Consulting - 2010-Present
- Vice President, Charles River Associates - 2001-2010
- Senior Vice President, Putnam, Hayes and Bartlett, Inc. and PHB Hagler Bailly, Inc., Washington, DC - 1986-2000
- Economist, Economic Consulting Services, Inc., Washington, DC - 1979-1986
- Economist, U.S. Department of Labor, Washington, DC - 1976-1979

Education

- M.B.A. Finance, The Wharton School University of Pennsylvania
- B.A. Economics, Connecticut College

Testimony

- Written testimony provided in more than 150 regulatory proceedings
 - » analysis of supply options, privatization and restructuring.
 - » Advised utility and non-utility clients on many aspects of the competitive independent power industry, including strategic and financial consulting assignments.
 - » Consulted legal counsel on a variety of litigation matters, including the development of expert testimony on liability issues and the calculation of damages in a variety of industries.
 - » Provided strategic and economic analyses for clients in trade regulatory proceedings such as dumping and subsidies.
 - » Provided financial and business valuation analyses in a number of transactions, including fair market value for taxation purposes and valuation of family-owned businesses.

Julie Solomon is a Managing Director at Navigant Consulting, Inc. in the Energy Practice's Power Systems, Markets & Pricing group. She has more than 20 years of consulting experience, specializing in the areas of regulatory and utility economics, financial analysis and business valuation. Ms. Solomon has participated in analysis of proposed regulatory reforms, supply options and utility industry restructuring in the gas and electric industries. She also has advised utility clients in corporate strategy and corporate restructuring, and consulted to legal counsel on a variety of litigation and regulatory matters, including antitrust litigation and contract disputes. She has filed testimony in numerous proceedings before the Federal Energy Regulatory Commission. Much of her current practice focuses on regulatory and market power issues concerning mergers and acquisitions and compliance filings in the electricity market.

- » Advised clients in the electric and gas utility industry on competition issues, including the impact of mergers on competition. Directed a large number of analytic studies relating to obtaining merger approval from regulatory authorities.
- » Advised clients in the electric utility industry on restructuring strategies, including potential mergers and acquisitions, functional unbundling and cost savings.
- » Consulted in the electric and gas utility industries in a variety of regulatory and competition matters, including rate proceedings, prudence reviews, proposed regulatory reforms,



Julie R. Solomon

Professional Experience

Electric and Gas Utilities

Mergers and Acquisitions (Market Power and Competition Issues)

- » Advised clients and conducted analytic studies in connection with a large number of major electric and electric-gas mergers and asset transactions of regulated companies. Provided testimony to FERC for a number of these types of transactions.
- » Advised clients and provided confidential pre-screening analyses for potential mergers and acquisitions.
- » Conducted numerous analytic studies in connection with FERC market-based rate applications and compliance filings for electricity sellers. Provided testimony to FERC for a number of these types of transactions.
- » Conducted numerous analytic studies in connection with FERC market-based rate applications and compliance filings for gas storage facilities. Provided testimony to FERC for a number of these types of transactions.

Utility Restructuring and Stranded Cost

- » Conducted analytic studies and provided litigation support in connection with state stranded cost proceedings in Ohio (Cincinnati Gas & Electric and Dayton Power & Light); West Virginia (Monongahela Power and Potomac Edison); Maryland (Potomac Edison) and Pennsylvania (West Penn Power).
- » Provided analytic support evaluating the benefits of Public Service of Colorado's proposed DC transmission line between Colorado and Kansas in support of a regulatory proceeding.
- » Assisted in studies relating to privatization of the electricity industry in the United Kingdom, including development of a computer model to simulate electricity dispatch and project future prices, capacity needs and utility revenues under various scenarios. During temporary assignment to London office.
- » Participated in antitrust litigation involving a utility and a cogenerator, including preparation of an expert report on liability and damage issues, preparation of expert witnesses for deposition, and assistance in preparation for depositions of opposing expert and in-house witnesses.
- » Assisted in the valuation of the interests of several firms in various cogeneration projects for the purpose of combining these interests into a new entity or selling interests to third parties.
- » Analyzed the financial feasibility and viability of a large number of cogeneration projects, assisted in the preparation of presentations and filings and presented testimony to the relevant public utility commission. Ms. Solomon also assisted in the development of a PC-based financial model to analyze various cogeneration projects.



Julie R. Solomon

- » Participated in a study to analyze the financial effects of a variety of restructuring options for a utility, including transfer and/or sale of assets and subsequent sale-leasebacks, and debt restructuring alternatives. In addition, she developed a PC-based financial model with applications to utility restructuring plans.
- » Provided litigation support in major utility rate proceedings, including assisting in the preparation of responses to interrogatories and data requests, preparation of company and outside expert witnesses for deposition and hearings, and assistance in the deposition and cross-examination of intervenor witnesses.
- » Participated in proceedings involving regulation of an oil pipeline, which included evaluating the business risks faced by the company.

Business Valuation

- » Participated in a valuation study involving the fair market value of a privately held company for purposes of an IRS proceeding.
- » Participated in a valuation study in a divorce proceeding, where the assets being valued included a privately held business.
- » Participated in two strategic engagements that developed business plans and identified potential acquisition candidates for the client.
- » Provided advice to a client concerning the benefits and potential risks of developing a partnership with a competitor.



Julie R. Solomon

Testimony or Expert Report Experience (2012-November 2015)

- » Affidavit on behalf of Calpine Granite Holdings, LLC, Docket No. EC16-9, application for authorization of disposition of jurisdictional facilities, October 27, 2015.
- » Affidavit on behalf of Eastern Generation, LLC, Docket No. EC16-7, application for authorization of disposition of jurisdictional facilities, October 8, 2015.
- » Affidavit on behalf of Berkshire Hathaway Inc., Docket No. EC16-10, application for authorization of disposition of jurisdictional facilities, October 8, 2015.
- » Affidavit on behalf of Panda Patriot LLC, Docket No. ER15-2742, market-based rate application, September 29, 2015.
- » Affidavit on behalf of Wisconsin Electric Power Company, Docket No. ER10-2563, notice of change in status, July 29, 2015.
- » Affidavit on behalf of PacifiCorp, Docket No. ER10-1346, notice of change in status (EIM), July 27, 2015.
- » Affidavit on behalf of Northwestern Corporation, Docket No. EC15-176, application for authorization of disposition of jurisdictional facilities, July 24, 2015.
- » Affidavit on behalf of MidAmerican Energy Services, LLC, Docket No. ER15-2221, market-based rate application, July 15, 2015.
- » Affidavit on behalf of NextEra Companies, Docket No. ER10-1836, market-based rate triennial filing, July 10, 2015.
- » Affidavit on behalf of The Empire District Electric Company, Docket No. ER10-2738, market-based rate triennial filing, June 30, 2015.
- » Affidavit on behalf of Exelon MBR Sellers, Docket No. ER10-2172 *et al.*, market-based rate triennial filing, June 30, 2015.
- » Affidavit on behalf of Oklahoma Gas & Electric, Docket No. ER11-2105, market-based rate triennial filing, June 30, 2015.
- » Affidavit on behalf of LG&E Energy Marketing, Inc., Docket No. ER10-1714, market-based rate triennial filing, June 30, 2015.
- » Affidavit on behalf of Westar Energy, Inc., Docket No. ER10-2507, market-based rate triennial filing, June 29, 2015.
- » Affidavit on behalf of the Alabama Power Company, *et al.*, Docket No. EL15-39, *et al.*, response to show cause order, June 26, 2015.
- » Affidavit on behalf of Wisconsin Electric Power Company, Docket No. ER15-2019 market-based rate triennial filing, June 26, 2015.
- » Affidavit on behalf of Panda Liberty LLC, Docket No. ER15-1841, market-based rate application, June 2, 2015.



Julie R. Solomon

- » Affidavit on behalf of CCI U.S. Asset Holdings LLC, Docket No. EC15-108, application for authorization of disposition of jurisdictional facilities, March 31, 2015.
- » Affidavit on behalf of Florida Power & Light Company, Docket No. EC15-102, application for authorization of disposition of jurisdictional facilities, March 23, 2015.
- » Affidavit on behalf of Osprey Energy Center, LLC, Docket No. EC15-96, application for authorization of disposition of jurisdictional facilities, March 13, 2015.
- » Affidavit on behalf of the Berkshire Hathaway Energy MBR Sellers, Docket No. EL15-22, *et al.*, response to show cause order, February 9, 2015.
- » Affidavit on behalf of ECP MBR Sellers, Docket No. ER13-2477, notice of change in status, January 20, 2015.
- » Affidavit on behalf of NorthWestern Corporation, Docket No. ER11-1859, market-based rate triennial filing, December 30, 2014.
- » Affidavit on behalf of Exelon, Docket No. ER12-2178, market-based rate triennial filing, December 23, 2014.
- » Affidavit on behalf of Dynegy Inc., Docket No. ER14-1569, market-based rate triennial filing, December 23, 2014.
- » Affidavit on behalf of Northern Indiana Public Service, Docket No. ER10-1781, market-based rate triennial filing, December 23, 2014.
- » Affidavit on behalf of AES Corp, Docket No. ER10-3415, market-based rate triennial filing, December 22, 2014.
- » Affidavit on behalf of Ameren Illinois Company, Union Electric Company, and AmerenEnergy Medina Valley Cogen, L.L.C. Docket No. ER10-1119, ER10-1123, and ER10-1103, market-based rate triennial filing, December 19, 2014.
- » Affidavit on behalf of Duke Energy MBR Sellers, Docket No. ER10-1325, market-based rate triennial filing, December 19, 2014.
- » Affidavit on behalf of Duke Energy Progress, Inc., Docket No. EC15-9, application for authorization of disposition of jurisdictional facilities, October 10, 2014.
- » Comments of Julie R. Solomon and Matthew E. Arenchild regarding NOPR on market-based rate authority, Docket No. RM14-14, September 23, 2014.
- » Affidavit on behalf of Dynegy Resource I, LLC, Docket No. EC14-141, application for authorization of disposition of jurisdictional facilities, September 11, 2014.
- » Affidavit on behalf of Dynegy Inc., Docket No. EC14-140, application for authorization of disposition of jurisdictional facilities, September 11, 2014.
- » Affidavit on behalf of Calpine Fore River Energy Center, LLC, Docket No. EC14-135, application for authorization of disposition of jurisdictional facilities, September 5, 2014.



Julie R. Solomon

- » Affidavit on behalf of Seiling Wind, LLC; Seiling Wind II, LLC; Mammoth Plains Wind Project, LLC; and Palo Duro Wind Energy, LLC, Docket No. ER14-2707-10, market-based rate applications, August 26, 2014.
- » Affidavit on behalf of ECP MBR Sellers, Docket No. ER10-2302, notification of change in status, August 18, 2014.
- » Affidavit on behalf of Millennium Power Partners, L.P., Docket No. ER10-3286, notification of change in status, August 4, 2014.
- » Affidavit on behalf of Granite Acquisition, Inc., Docket No. EC14-125, application for authorization of disposition of jurisdictional facilities, August 15, 2014.
- » Testimony (Direct and Rebuttal), on behalf of Duke Energy Florida, Inc., Docket No. 140111-EI before the Florida Public Service Commission, Petition for Determination of Cost Effective Generation Alternative to Meet Need Prior to 2018, May 27, 2014 and August 5, 2014.
- » Affidavit on behalf of LS Power Development, LLC, Docket No. ER13-2318, notification of change in status, August 4, 2014.
- » Supplemental Affidavit on behalf of Powerex Corp., Docket No. ER11-2664, market-based rate triennial filing, July 25, 2014.
- » Supplemental Affidavit on behalf of Berkshire Hathaway Energy, Docket No. ER13-1266, notification of change in status, August 17, 2014.
- » Affidavit on behalf of RJS Power Holdings LLC and PPL Corporation, Docket No. EC14-112, application for authorization of disposition of jurisdictional facilities, July 15, 2014, supplemented August 29, 2014 and October 6, 2014.
- » Affidavit on behalf of South Carolina Electric & Gas Company, Docket No. ER10-2498, market-based rate triennial filing, July 14, 2014.
- » Affidavit on behalf of Consumers Energy Company, Docket No. EC14-110, application for authorization of disposition of jurisdictional facilities, July 1, 2014.
- » Affidavit on behalf of J.P. Morgan Sellers, Docket No. ER10-2331, market-based rate triennial filing, June 30, 2014.
- » Affidavit on behalf of Duke Energy MBR Sellers, Docket No. ER10-1325, market-based rate triennial filing, June 30, 2014.
- » Affidavit on behalf of PPL Southeast Companies, Docket No. ER10-1511, market-based rate triennial filing, June 30, 2014.
- » Affidavit on behalf of NextEra Companies, Docket No. ER10-1852, market-based rate triennial filing, June 30, 2014.
- » Affidavit on behalf of NextEra Companies, Docket No. ER10-1838, market-based rate triennial filing, June 30, 2014.
- » Affidavit on behalf of Brookfield Companies, Docket No. ER11-2292, market-based rate triennial filing, June 30, 2014.



Julie R. Solomon

- » Affidavit on behalf of Calpine Corp, Docket No. ER10-1944, market-based rate triennial filing, June 30, 2014.
- » Affidavit on behalf of LS Northeast MBR Sellers, Docket No. ER13-2318, market-based rate triennial filing, June 30, 2014.
- » Affidavit on behalf of GDF SUEZ Northeast MBR Sellers, Docket No. ER10-2670, market-based rate triennial filing, June 30, 2014.
- » Affidavit on behalf of Safe Harbor Water Power Corp., Docket No. ER13-395, market-based rate triennial filing, June 27, 2014.
- » Affidavit on behalf of ECP MBR Sellers, Docket No. ER13-2477, market-based rate triennial filing, June 23, 2014.
- » Affidavit on behalf of Rockland Sellers, Docket No. ER12-1436, market-based rate triennial filing and notification of change in status, June 19, 2014.
- » Affidavit on behalf of Exelon Corp and Pepco Holdings, Inc., Docket No. EC14-96, application for authorization of disposition of jurisdictional facilities, May 30, 2014.
- » Affidavit on behalf of Nevada Power Co and Nevada Sun-Peak Limited Partnership, Docket No. EC14-83, application for authorization of disposition of jurisdictional facilities, May 2, 2014.
- » Affidavit on behalf of Nevada Power Co and Las Vegas Cogeneration Limited Partnership, Docket No. EC14-84, application for authorization of disposition of jurisdictional facilities, May 2, 2014.
- » Affidavit on behalf of NatGen Southeast Power LLC, Docket No. EC14-81, application for authorization of disposition of jurisdictional facilities, April 28, 2014.
- » Surrebuttal Testimony on Behalf of Commonwealth Edison Company, Illinois Commerce Commission, Application for a Certificate of Public Convenience and Necessity, No. 13-0657, April 9, 2014.
- » Affidavit on behalf of KMC Thermo, LLC, Docket No. ER14-1468, market-based rate application, March 12, 2014.
- » Affidavit on behalf of Trailstone Power, LLC, Docket No. ER14-1439, market-based rate application, March 6, 2014.
- » Affidavit on behalf of MACH Gen, LLC et al., Docket No. EC14-61, application for authorization of disposition of jurisdictional facilities, March 4, 2014.
- » Affidavit on behalf of MidAmerican Geothermal, LLC, et al., Docket No. EC14-59, application for authorization of disposition of jurisdictional facilities, February 20, 2014.
- » Affidavit on behalf of Green Mountain Power Corporation, Docket No. ER11-1933, market-based rate triennial filing, February 7, 2014.
- » Affidavit on behalf of NorthWestern Corporation, et al., Docket No. EC14-41, application for authorization of disposition of jurisdictional facilities, January 10, 2014.



Julie R. Solomon

- » Affidavit on behalf of NorthWestern Corporation, Docket No. ER11-1858, notification of change in status, January 10, 2014.
- » Affidavit on behalf of MidAmerican Energy, Docket No. ER10-2475, notification of change in status, January 2, 2014.
- » Affidavit on behalf of Powerex Corp., Docket No. ER11-2664, market-based rate triennial filing, December 31, 2013.
- » Affidavit on behalf of TransAlta, Docket No. ER10-2847, market-based rate triennial filing, December 31, 2013.
- » Affidavit on behalf of Duquesne Light Company, Docket No. ER10-1910, market-based rate triennial filing, December 31, 2013.
- » Affidavit on behalf of Constellation Energy Nuclear Group, Docket No. ER10-2179, market-based rate triennial filing, December 30, 2013.
- » Affidavit on behalf of Exelon, Docket No. ER12-2178, market-based rate triennial filing, December 30, 2013.
- » Affidavit on behalf of Dominion, Docket No. ER13-434, market-based rate triennial filing, December 30, 2013.
- » Affidavit on behalf of Brookfield Companies, Docket No. ER10-2895, market-based rate triennial filing, December 30, 2013.
- » Affidavit on behalf of Oklahoma Gas & Electric, Docket No. ER14-882, notification of change in status/tariff filing, December 30, 2013.
- » Affidavit on behalf of AES Corp, Docket No. ER10-3415, market-based rate triennial filing, December 26, 2013.
- » Affidavit on behalf of JPMorgan, Docket No. ER10-2331, market-based rate triennial filing, December 23, 2013.
- » Affidavit on behalf of Northeast Utilities, Docket No. ER10-1801, market-based rate triennial filing, December 20, 2013.
- » Affidavit on behalf of Iberdrola, Docket No. ER10-2822, market-based rate triennial filing, December 20, 2013.
- » Affidavit on behalf of PHI, Docket No. ER10-2997, market-based rate triennial filing, December 20, 2013.
- » Affidavit on behalf of Essential Power, Docket No. ER12-952, market-based rate triennial filing, December 20, 2013.
- » Affidavit on behalf of Empire District, Docket No. ER14-793, notification of change in status/tariff filing, December 20, 2013.
- » Affidavit on behalf of Westar Energy, Inc., Docket No. ER14-724, notification of change in status/tariff filing, December 19, 2013.



Julie R. Solomon

- » Affidavit on behalf of Alpha Gen Power, LLC, Docket No. ER14-630, market-based rate application, December 16, 2013.
- » Affidavit on behalf of Black Bear Hydro Partners, LLC, Docket No. EC14-28, application for authorization of disposition of jurisdictional facilities, November 14, 2013.
- » Affidavit on behalf of Sierra Pacific Power Company, Docket No. ER10-2474, notification of change in status, November 4, 2013.
- » Affidavit on behalf of ECP, Docket No. ER11-3859, notification of change in status, September 30, 2013.
- » Affidavit on behalf of Steele Flats Wind Project, LLC, Docket No. ER13-2474, market-based rate application, September 27, 2013.
- » Affidavit on behalf of Tuscola Wind II, LLC, Docket No. ER13-2458, market-based rate application, September 26, 2013.
- » Affidavit on behalf of Pheasant Run Wind, LLC and Pheasant Run Wind II, LLC, Docket Nos. ER13-2461-2, market-based rate applications, September 26, 2013.
- » Affidavit on behalf of TPF II and USPG Holdings, LLC, Docket No. EC13-154, application for authorization of disposition of jurisdictional facilities, September 25, 2013.
- » Affidavit on behalf of Seneca Generation, LLC et al., Docket Nos. ER13-2316-9, market-based rate applications, September 4, 2013.
- » Affidavit on behalf of Seneca Generation, LLC et al., Docket No. EC13-143, application for authorization of disposition of jurisdictional facilities, September 4, 2013.
- » Supplemental Affidavit on behalf of MidAmerican Energy (Silver Merger Sub, Inc.), Docket No. EC13-128, application for authorization of disposition of jurisdictional facilities, August 17, 2013.
- » Affidavit on behalf of Desert Sunlight 250, LLC and Desert Sunlight 300, LLC, Docket Nos. ER13-1991-2, market-based rate applications, July 17, 2013.
- » Affidavit on behalf of MidAmerican Energy (Silver Merger Sub, Inc.), Docket No. EC13-128, application for authorization of disposition of jurisdictional facilities, July 12, 2013.
- » Affidavit on behalf of Calpine Southwest MBR Sellers, Docket No. ER10-1942, market-based rate triennial filing, July 1, 2013.
- » Affidavit on behalf of NextEra Companies, Docket No. ER10-1847, market-based rate triennial filing, July 1, 2013.
- » Affidavit on behalf of Wayzata Entities, Docket No. ER10-1777, market-based rate triennial filing, July 1, 2013.
- » Affidavit on behalf of AES MBR Affiliates, Docket No. ER10-3415, market-based rate triennial filing, July 1, 2013.
- » Affidavit on behalf of Sierra Pacific Power Company, *et al.* under ER10-2474, Docket No. ER10-24744, market-based rate triennial filing, July 1, 2013.



Julie R. Solomon

- » Affidavit on behalf of NorthWestern Corporation, Docket No. ER11-1858, market-based rate triennial filing, July 1, 2013.
- » Affidavit on behalf of SGOC Southwest MBR Sellers, Docket No. ER10-2864, market-based rate triennial filing, June 28, 2013.
- » Affidavit on behalf of GWF Energy LLC, et al. Docket No. ER10-3301, market-based rate triennial filing, June 28, 2013.
- » Affidavit on behalf of NV Energy, Inc., application for approval of internal reorganization, Docket No. EC13-113, May 31, 2013.
- » Affidavit on behalf of Midwest Generation, LLC, Docket No. EC13-103, application for authorization of disposition of jurisdictional facilities, May 6, 2013.
- » Affidavit of behalf of Nevada Power Company (with Matthew E. Arenchild), Docket No. EC13-96, application for authorization of disposition of jurisdictional facilities, April 17, 2013.
- » Affidavit of behalf of Dynegy Inc., Docket No. EC13-93, application for authorization of disposition of jurisdictional facilities, April 16, 2013.
- » Application on behalf of Florida Power & Light Company, Docket No. EC13-91, application for authorization of disposition of jurisdictional facilities, April 12, 2013.
- » Affidavit on behalf of Blythe Energy LLC, et al., Docket No. EC13-89, application for authorization of disposition of jurisdictional facilities, April 2, 2013.
- » Affidavit on behalf of New Harquahala Generating Company, LLC, Docket No. ER10-3310, market-based rate triennial filing, March 29, 2013.
- » Affidavit on behalf of Dominion Energy Brayton Point, et al., Docket No. EC13-82, application for authorization of disposition of jurisdictional facilities, March 21, 2013.
- » Affidavit on behalf of Duke Energy Carolinas, LLC et al., Docket No. ER10-2566, et al., notice of change in status, January 29, 2013.
- » Affidavit on behalf of CCI Roseton LLC, Docket No. ER13-773, market-based rate application, January 17, 2013.
- » Affidavit on behalf of CCI Roseton LLC, Docket No. EC13-63, application for authorization of disposition of jurisdictional facilities, January 16, 2013.
- » Affidavit on behalf of Calpine Oneta Power, LLC, Docket No. ER11-3777, et al., market-based rate triennial filing, December 31, 2012.
- » Affidavit on behalf of NextEra Energy Companies, Docket No. ER12-569, et al., market-based rate triennial filing, December 27, 2012.
- » Affidavit on behalf of Nevada Power Company, Docket No. ER10-2474, market-based rate triennial filing, December 26, 2012.
- » Testimony on behalf of Powerex Corp re Puget Sound Energy, Inc v. All Jurisdictional Sellers of Energy & Capacity, Docket No. EL01-10, December 17, 2012.



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- » Affidavit on behalf of AES Beaver Valley, LLC, Docket No. ER13-442, market-based rate application, November 21, 2012.
- » Affidavit on behalf of Broad River Energy LLC, et al., Docket No. EC13-42, application for authorization of disposition of jurisdictional facilities, November 16, 2012.
- » Affidavit on behalf of Westar Energy, Inc., Docket No. ER10-2507, notice of change in status, October 29, 2012.
- » Affidavit on behalf of Homer City Generation, L.P., Docket No. ER13-55, market-based rate application, October 9, 2012.
- » Affidavit on behalf of Homer City Generation, L.P., et al., Docket No. EC13-9, application for authorization of disposition of jurisdictional facilities, October 9, 2012.
- » Affidavit on behalf of GenOn Marsh Landing, LLC, Docket No. ER12-2545, market-based rate application, August 29, 2012.
- » Affidavit on behalf of High Mesa Energy, LLC, Docket No. ER12-2528, market-based rate application, August 27, 2012.
- » Affidavit on behalf of Brandon Shores LLC, et al., Docket No. EC12-137, application for authorization of disposition of jurisdictional facilities, August 23, 2012.
- » Affidavit on behalf of North Sky River Energy, LLC, Docket No. ER12-2444, market-based rate application, August 14, 2012.
- » Affidavit on behalf of Duke Energy Carolinas, LLC et al., Docket No. ER10-2566, et al., notice of change in status, August 1, 2012.
- » Affidavit on behalf of Canandaigua Power Partners, LLC et al., Docket No. ER10-2460, notice of change in status, July 16, 2012.
- » Affidavit on behalf of Limon Wind I and Limon Wind II, LLC, Docket Nos. ER12-2225 and -2226, market-based rate application, July 10, 2012.
- » Affidavit on behalf of Ensign Wind, LLC, Docket No. ER12-2227, market-based rate application, July 10, 2012.
- » Affidavit on behalf of NextEra Energy Companies, Docket No. ER10-1836, et al., market-based rate triennial filing, July 2, 2012.
- » Affidavit on behalf of Iberdrola Renewables, LLC, et al., Docket No. ER10-2994, et al., market-based rate triennial filing, June 29, 2012.
- » Affidavit on behalf of The Empire District Electric Company, Docket No. ER10-2738, market-based rate triennial filing, June 29, 2012.
- » Affidavit on behalf of Wisconsin Electric Power Company, Docket No. ER10-2563, market-based rate triennial filing, June 29, 2012.
- » Affidavit on behalf of Baltimore Gas and Electric Company, et al., Docket No. ER10-2172, et al., market-based rate triennial filing, June 29, 2012.



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- » Affidavit on behalf of Westar Energy, Inc., Docket No. ER12-2124, market-based rate triennial filing, June 28, 2012.
- » Affidavit on behalf of Duke Energy Beckjord, LLC, et al., Docket No. ER12-1946 et al., market-based rate application, June 5, 2012.
- » Affidavit on behalf of Minco Wind III, LLC, Docket No. ER12-1880, market-based rate application, May 31, 2012.
- » Affidavit on behalf of Tuscola Bay Wind, LLC, Docket No. ER12-1660, market-based rate application, April 30, 2012.
- » Affidavit on behalf of Powerex Corp., Docket No. ER11-2664, notice of change in status, April 13, 2012.
- » Affidavit on behalf of Safe Harbor Water Power Corporation, Docket No. ER11-2780, notice of change in status, April 11, 2012.
- » Affidavit on behalf of Hot Spring Power Company, LLC, Docket No. EC12-87, application for authorization of disposition of jurisdictional facilities, March 28, 2012.
- » Affidavit on behalf of High Majestic Wind II, LLC, Docket No. ER12-1228, market-based rate application, March 8, 2012.
- » Affidavit on behalf of Duke Energy Indiana, Inc. et al., Docket No. ER10-2034 et al., notice of change in status, January 31, 2012.
- » Affidavit on behalf of CPV Cimarron Renewable Energy Company, LLC, Docket No. ER12-775, market-based rate application, January 6, 2012.
- » Affidavit on behalf of LS Power Marketing, LLC, et al., Docket No. ER10-2739, et al., market-based rate triennial filing, January 3, 2012.
- » Affidavit on behalf of Auburndale Peaker Energy Center, LLC, et al., Docket No. ER10-1945, et al., market-based rate triennial filing, January 3, 2012.

Generation Owned and Affiliated with Grande Prairie Wind, LLC in SPP and First-Tier Markets

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Balancing Authority Area	Plant Name	Capacity (MW)		Ownership Share	Owned or Purchased (MW)	
		Summer	Winter		Summer	Winter
SPP Region						
SPP	Grande Prairie Wind ^{1/}	400	400	100.0%	400	400
SPP	Marshall Wind ^{2/}	72	72	100.0%	72	72
	Subtotal				472	472
First-Tier Markets						
MISO	Adair	175	175	100.0%	175	175
MISO	Carroll	150	150	100.0%	150	150
MISO	Century	185	185	100.0%	185	185
MISO	Century Expansion	15	15	100.0%	15	15
MISO	Charles City	75	75	100.0%	75	75
MISO	Coralville	66	80	100.0%	66	80
MISO	Eclipse	200	200	100.0%	200	200
MISO	Electrifarm	195	244	100.0%	195	244
MISO	Greater Des Moines	493	570	100.0%	493	570
MISO	Intrepid	176	176	100.0%	176	176
MISO	Laurel	120	120	100.0%	120	120
MISO	Louisa	746	746	88.0%	657	657
MISO	Merle Parr	33	36	100.0%	33	36
MISO	Miscellaneous Diesel Oil	56	56	100.0%	56	56
MISO	Moline	67	80	100.0%	67	80
MISO	Moline Hydro	2	2	100.0%	2	2
MISO	Morninglight Wind	101	101	100.0%	101	101
MISO	George Neal North	910	910	84.7%	771	771
MISO	George Neal South	645	645	40.6%	262	262
MISO	Ottumwa	718	723	52.0%	374	376
MISO	Pleasant Hill	160	194	100.0%	160	194
MISO	Pomeroy I	123	123	100.0%	123	123
MISO	Pomeroy II	75	75	100.0%	75	75
MISO	Pomeroy III	59	59	100.0%	59	59
MISO	Pomeroy IV	30	30	100.0%	30	30
MISO/PJM	Quad Cities	1,819	1,819	25.0%	455	455
MISO	River Hills	117	150	100.0%	117	150
MISO	Riverside 5	133	133	100.0%	133	133
MISO	Rolling Hills	444	444	100.0%	444	444
MISO	Sycamore	149	190	100.0%	149	190
MISO	Victory	99	99	100.0%	99	99
MISO	Vienna	148	148	100.0%	148	148
MISO	Walnut Wind	153	153	100.0%	153	153
MISO	Walter Scott, Jr. Energy Center	1,636	1,640	71.1%	1,163	1,166
MISO	Highland County Wind	502	502	100.0%	502	502
MISO	Lundgren Wind	251	251	100.0%	251	251

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Balancing Authority Area	Plant Name	Capacity (MW)		Ownership Share	Owned or Purchased (MW)		
		Summer	Winter		Summer	Winter	
MISO	Macksburg Wind	120	120	100.0%	120	120	
MISO	Wellsburg Wind	141	141	100.0%	141	141	
MISO	Adams County Wind	154	154	100.0%	154	154	
MISO	Wind X	552	552	100.0%	552	552	
MISO	Community Solar	32	32	100.0%	32	32	
MISO	Bishop Hill	81	81	100.0%	81	81	
PSCO	Hayden 1	184	184	25.0%	46	46	
PSCO	Hayden 2	262	262	13.0%	34	34	
Subtotal						9,389	9,661
Purchases							
MISO	Buena Vista Wind				113	113	
MISO	Walter Scott 4				50	50	
MISO	Other				8	8	
Subtotal						171	171

^{1/} The output of Grande Prairie Wind is fully committed under long-term contract.

^{2/} The output of Marshall Wind is committed under long-term contracts.

Part I – Pivotal Supplier Analysis

Applicant-> **Grande Prairie Wind**

Market -> **SPP**

Data Year -> **Dec 2012-Nov 2013**

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Row	Generation		Reference
Seller and Affiliate Capacity (owned or controlled)			
A	Installed Capacity (from inside the study area)	472	Exhibit JRS-2
A1	Remote Capacity (from outside the study area)	0	
B	Long-Term Firm Purchases (from inside the study area)	0	
B1	Long-Term Firm Purchases (from outside the study area)	0	
C	Long-Term Firm Sales (in and outside the study area)	472	Exhibit JRS-2
D	Uncommitted Capacity Imports	0	Zero SIL (153 FERC ¶ 61,318 (2015))
Non-Affiliate Capacity (owned or controlled)			
E	Installed Capacity (from inside the study area)	85,446	BHE SPP Triennial
E1	Remote Capacity (from outside the study area)	0	
F	Long-Term Firm Purchases (from inside the study area)	472	Row C
F1	Long-Term Firm Purchases (from outside the study area)	3,592	BHE SPP Triennial
G	Long-Term Firm Sales (in and outside the study area)	5,308	BHE SPP Triennial
H	Uncommitted Capacity Imports	0	153 FERC ¶ 61,318 (2015)
I	Study Area Reserve Requirement	1,074	BHE SPP Triennial
J	Amount of Line I Attributable to Seller, if any	0	
K	Total Uncommitted Supply (A+A1+B+B1+D+E+E1+F+F1+H-C-G-I-M)	43,624	
Load			
L	Balancing Authority Area Annual Peak Load	46,676	BHE SPP Triennial
M	Average Daily Peak Native Load in Peak Month	39,504	BHE SPP Triennial
N	Amount of Line M Attributable to Seller, if any	0	
O	Wholesale Load (L-M)	7,172	
P	Net Uncommitted Supply (K-O)	36,452	
Q	Seller's Uncommitted Capacity (A+A1+B+B1+D-C-J-N)	0	
Result of Pivotal Supplier Screen (Pass if Line Q < Line P) (Fail if Line Q > Line P)		Pass	
Total Imports (Sum D,H), as filed by Seller ->		-	
% of SIL for Seller's imported capacity ->		#DIV/0!	
% of SIL for Other's imported capacity ->		#DIV/0!	
SIL value ->		-	153 FERC ¶ 61,246 (2015)
Do Total Imports exceed the SIL value? ->		No	

BHE SPP Triennial: *Marshall Wind Energy LLC*, Docket No. ER16-438 *et al.*, triennial for SPP region filed December 18, 2015.

Applicant-> **Grande Prairie Wind**
 Study Area -> **SPP**
 Data Year -> **Dec 2012-Nov 2013**

As filed by the Applicant/Seller

Row		Winter (MW)	Spring (MW)	Summer (MW)	Fall (MW)	Reference
Seller and Affiliate Capacity (owned, controlled or under LT contract)						
A	Installed Capacity (inside the study area)	472	472	472	472	Exhibit JRS-2
A1	Remote Capacity (from outside the study area)	0	0	0	0	
B	Long-Term Firm Purchases (inside the study area)	0	0	0	0	
B1	Long-Term Firm Purchases (from outside the study area)	0	0	0	0	
C	Long-Term Firm Sales (in and outside the study area)	472	472	472	472	Exhibit JRS-2
D	Seasonal Average Planned Outages	0	0	0	0	
E	Uncommitted Capacity Imports	0	0	0	0	Zero SIL (153 FERC ¶ 61,318 (2015))
Capacity Deductions						
F	Average Peak Native Load in the Season	28,757	27,503	38,104	29,608	BHE SPP Triennial
G	Amount of Line F Attributable to Seller, if any	0	0	0	0	
H	Amount of Line F Attributable to Non-Affiliates, if any	28,757	27,503	38,104	29,608	
I	Study Area Reserve Requirement	1,027	1,301	1,074	1,074	BHE SPP Triennial
J	Amount of Line I Attributable to Seller, if any	0	0	0	0	
K	Amount of Line I Attributable to Non-Affiliates, if any	1,027	1,301	1,074	1,074	
Non-Affiliate Capacity (owned, controlled or under LT contract)						
L	Installed Capacity (inside the study area)	73,540	76,147	85,446	75,601	BHE SPP Triennial
L1	Remote Capacity (from outside the study area)	0	0	0	0	
M	Long-Term Firm Purchases (inside the study area)	472	472	472	472	Row C
M1	Long-Term Firm Purchases (from outside the study area)	2,736	2,640	3,592	2,530	BHE SPP Triennial
N	Long-Term Firm Sales (in and outside the study area)	5,658	5,658	5,308	5,317	BHE SPP Triennial
O	Seasonal Average Planned Outages	6,002	10,455	953	8,129	BHE SPP Triennial
P	Uncommitted Capacity Imports	0	0	0	0	153 FERC ¶ 61,318 (2015)
Supply Calculation						
Q	Total Competing Supply (L+L1+M+M1+P-H-K-N-O)	35,303	34,341	44,071	34,474	
R	Seller's Uncommitted Capacity (A+A1+B+B1+E-C-D-G-J)	0	0	0	0	
S	Total Seasonal Uncommitted Capacity (Q+R)	35,303	34,341	44,071	34,474	
T	Seller's Market Share (R÷S)	0.00%	0.00%	0.00%	0.00%	
	Results (Pass if < 20% and Fail if ≥ 20%)	Pass	Pass	Pass	Pass	
U	Total Imports, as filed by Seller (E+P)	0	0	0	0	
V	SIL value*	-	-	-	-	153 FERC ¶ 61,318 (2015)
	Do Total Imports exceed SIL value? (is U<=V)	No	No	No	No	

BHE SPP Triennial: *Marshall Wind Energy LLC*, Docket No. ER16-438 *et al.*, triennial for SPP region filed December 18, 2015.

ATTACHMENT 3

Asset Appendix

Berkshire Hathaway Parties and Energy Affiliates	Docket # Where MBR Granted	Generation Name	Owned By	Controlled By	Date Control Transferred	Market / Balancing Authority Area	Geographic Region	In-Service Date (1)	Capacity Rating: Nameplate (MW)	Capacity Rating: Used in Filing (MW)	Capacity Rating: Methodology Used in [K]: (N)ameplate, (S)easonal, 5-yr (U)nit, 5-yr (E)IA, (A)lternative	End Note Number (Enter text in End Note Tab)
Bishop Hill Energy II LLC	ER12-162	Bishop Hill Wind	Bishop Hill Energy II LLC	Bishop Hill Energy II LLC	2012	MISO	Central	2012	81.0	81.0	N	
CalEnergy, LLC	ER13-1266	[n/a]	[n/a]	[n/a]	[n/a]	[n/a]	[n/a]	[n/a]	[n/a]	[n/a]	[n/a]	
CE Leathers Company	ER13-1267	Leathers Geothermal	CE Leathers Company	Southern California Edison Company ("SCE")	1990	IID	Southwest	1989	38.0	42.8	N	
CE Turbo LLC	[n/a]	CE Turbo Geothermal	CE Turbo LLC	Arizona Public Service Company ("APS")	2006	IID	Southwest	2000	10.0	11.2	N	
Cordova Energy Co. LLC	ER99-2156	Cordova Energy Center Gas	Cordova Energy Co. LLC	Exelon Generation Company, LLC	[n/a]	PJM	Northeast	2001	611.0	521.2	S	
Del Ranch Company	ER13-1268	Del Ranch Geothermal	Del Ranch Company	SCE	1989	IID	Southwest	1988	38.0	42.8	N	
Elmore Company	ER13-1269	Elmore Geothermal	Elmore Company	SCE	1989	IID	Southwest	1988	38.0	42.8	N	
Grande Prairie Wind, LLC	[n/a]	Grande Prairie Wind	Grande Prairie Wind, LLC	Grande Prairie Wind, LLC	2015	SPP	SPP	2016 (8)	400.0	400.0	N	2
Fish Lake Power LLC	ER13-1270	Salton Sea IV Geothermal	Salton Sea 4 Fish Lake Power Gen	SCE	1986	IID	Southwest	1996	40.0	42.8	N	
Marshall Wind Energy LLC	ER16-438	Marshall Wind	Marshall Wind Energy LLC	Marshall Wind Energy LLC	2015	SPP	SPP	2016 (6)	72.0	72.0	N	3
Pinyon Pines Wind I, LLC	ER12-1521	Pinyon Pines Wind I	Pinyon Pines Wind I, LLC	SCE	2012	CAISO	Southwest	2012	168.0	168.0	N	
Pinyon Pines Wind II, LLC	ER12-1522	Pinyon Pines Wind II	Pinyon Pines Wind II, LLC	SCE	2012	CAISO	Southwest	2012	132.0	132.0	N	
Power Resources, Ltd.	[n/a]	Power Resources Gas	Power Resources, Ltd.	Power Resources, Ltd.	2009	ERCOT	Southwest	1996	212.0	227.0	S	4
Saranac Power Partners, L.P.	ER09-768	Saranac Gas	Saranac Power Partners, L.P.	Saranac Power Partners, L.P.	1994	NYISO	Northeast	1996	255.8	251.6	S	
Salton Sea Power Generation Co.	ER13-1271	Salton Sea I Geothermal	Salton Sea Power Generation	SCE	1987	IID	Southwest	1982	10.0	10.2	N	
Salton Sea Power Generation Co.	ER13-1271	Salton Sea II Geothermal	Salton Sea Power Generation	SCE	1990	IID	Southwest	1990	20.0	17.3	N	
Salton Sea Power Generation Co.	ER13-1271	Salton Sea III Geothermal	Salton Sea Power Generation	SCE	1989	IID	Southwest	1989	50.0	51.0	N	
Salton Sea Power L.L.C.	ER13-1272	Salton Sea V Geothermal	Salton Sea Power LLC	City of Riverside, California	2003	IID	Southwest	2000	49.0	46.9	N	
Solar Star California XIX, LLC	ER13-1441	Solar Star 1	Solar Star California XIX, LLC	SCE	2013	CAISO	Southwest	2013	310.0	310.0	N	
Solar Star California XX, LLC	ER13-1442	Solar Star 2	Solar Star California XX, LLC	SCE	2013	CAISO	Southwest	2013	276.0	276.0	N	
Topaz Solar Farms LLC	ER12-1626	Topaz Solar	Topaz Solar Farms LLC	Pacific Gas & Electric Company	2011	CAISO	Southwest	2013	550.0	550.0	N	
Vulcan/BN Geothermal Power Co.	ER13-1273	Vulcan Geothermal	Vulcan/BN Geothermal Power Co.	SCE	1986	IID	Southwest	1986	34.0	38.8	N	
Yuma Cogeneration Assoc.	ER07-1236	Yuma Gas	Yuma Cogeneration Assoc.	San Diego Gas & Electric Company	1994	APS	Southwest	1994	55.0	52.3	S	
MidAmerican Energy Company ("MEC")	ER96-719	Adair Wind	MEC	MEC	[n/a]	MISO	Central	2008	174.8	174.8	N	
MEC	ER96-719	Carroll Wind	MEC	MEC	[n/a]	MISO	Central	2008	150.0	150.0	N	
MEC	ER96-719	Century Expansion Wind	MEC	MEC	[n/a]	MISO	Central	2007	15.0	15.0	N	
MEC	ER96-719	Century Wind	MEC	MEC	[n/a]	MISO	Central	2005	185.0	185.0	N	
MEC	ER96-719	Charles City Wind	MEC	MEC	[n/a]	MISO	Central	2008	75.0	75.0	N	
MEC	ER96-719	Coralville CT Gas	MEC	MEC	[n/a]	MISO	Central	1970	72.0	65.7	S	

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MEC	ER96-719	Eclipse Wind	MEC	MEC	[n/a]	MISO	Central	2012	200.0	200.0	N	
MEC	ER96-719	Electrifarm CT 1 Gas	MEC	MEC	[n/a]	MISO	Central	1975	71.2	56.2	S	
MEC	ER96-719	Electrifarm CT 2 Gas	MEC	MEC	[n/a]	MISO	Central	1978	89.0	64.9	S	
MEC	ER96-719	Electrifarm CT 3 Gas	MEC	MEC	[n/a]	MISO	Central	1978	103.9	68.8	S	
MEC	ER96-719	Greater Des Moines Energy Center Gas	MEC	MEC	[n/a]	MISO	Central	2004	576.3	486.2	S	
MEC	ER96-719	Intrepid Wind	MEC	MEC	[n/a]	MISO	Central	2004	175.5	175.5	N	
MEC	ER96-719	Laurel Wind	MEC	MEC	[n/a]	MISO	Central	2011	119.6	119.6	N	
MEC	ER96-719	Louisa Coal	MEC	MEC	[n/a]	MISO	Central	1983	811.9	650.7	S	5
MEC	ER96-719	Lundgren Wind	MEC	MEC	[n/a]	MISO	Central	2014	251.0	251.0	N	
MEC	ER96-719	Macksburg Wind	MEC	MEC	[n/a]	MISO	Central	2014	119.6	119.6	N	
MEC	ER96-719	Merle Parr CT Gas	MEC	MEC	[n/a]	MISO	Central	1969	36.0	33.2	S	
MEC	ER96-719	Miscellaneous Diesel Oil	MEC	MEC	[n/a]	MISO	Central	2000	56.0	56.0	N	
MEC	ER96-719	Moline CT Gas	MEC	MEC	[n/a]	MISO	Central	1970	72.0	64.0	S	
MEC	ER96-719	Moline Hydro	MEC	MEC	[n/a]	MISO	Central	1942	3.6	0.4	S	
MEC	ER96-719	Morninglight Wind	MEC	MEC	[n/a]	MISO	Central	2012	101.2	101.0	N	
MEC	ER96-719	Neal 1 Coal	MEC	MEC	[n/a]	MISO	Central	1964	147.0	141.6	S	
MEC	ER96-719	Neal 2 Coal	MEC	MEC	[n/a]	MISO	Central	1972	349.2	248.1	S	
MEC	ER96-719	Neal 3 Coal	MEC	MEC	[n/a]	MISO	Central	1975	584.1	370.4	S	5
MEC	ER96-719	Neal 4 Coal	MEC	MEC	[n/a]	MISO	Central	1979	695.9	261.7	S	5
MEC	ER96-719	Ottumwa Coal	MEC	MEC	[n/a]	MISO	Central	1981	725.9	379.6	S	5
MEC	ER96-719	Pleasant Hill CT 1-2 Gas	MEC	MEC	[n/a]	MISO	Central	1990	82.8	77.3	S	
MEC	ER96-719	Pleasant Hill CT 3 Gas	MEC	MEC	[n/a]	MISO	Central	1994	97.0	83.0	S	
MEC	ER96-719	Pomeroy 1 Wind	MEC	MEC	[n/a]	MISO	Central	2007	123.0	123.0	N	
MEC	ER96-719	Pomeroy II Wind	MEC	MEC	[n/a]	MISO	Central	2007	75.0	75.0	N	
MEC	ER96-719	Pomeroy III Wind	MEC	MEC	[n/a]	MISO	Central	2008	58.5	58.5	N	
MEC	ER96-719	Pomeroy IV Wind	MEC	MEC	[n/a]	MISO	Central	2011	29.9	29.9	N	
MEC	ER96-719	Quad Cities 1-2 Nuclear	MEC	MEC	[n/a]	PJM	Northeast	1972	2,018.6	456.3	S	5
MEC	ER96-719	River Hills CT 1-4 Gas	MEC	MEC	[n/a]	MISO	Central	1966	64.0	57.7	S	
MEC	ER96-719	River Hills CT 5-6 Gas	MEC	MEC	[n/a]	MISO	Central	1967	32.0	29.1	S	
MEC	ER96-719	River Hills CT 7-8 Gas	MEC	MEC	[n/a]	MISO	Central	1968	32.0	31.0	S	
MEC	ER96-719	Riverside 5 Gas	MEC	MEC	[n/a]	MISO	Central	1961	136.0	127.9	S	
MEC	ER96-719	Rolling Hills Wind	MEC	MEC	[n/a]	MISO	Central	2011	443.9	443.9	N	
MEC	ER96-719	Sycamore CT 1 Gas	MEC	MEC	[n/a]	MISO	Central	1974	78.8	74.2	S	
MEC	ER96-719	Sycamore CT 2 Gas	MEC	MEC	[n/a]	MISO	Central	1974	78.8	72.6	S	
MEC	ER96-719	Victory Wind	MEC	MEC	[n/a]	MISO	Central	2006	99.0	99.0	N	
MEC	ER96-719	Vienna Wind	MEC	MEC	[n/a]	MISO	Central	2012	105.6	105.6	N	
MEC	ER96-719	Vienna Wind II	MEC	MEC	[n/a]	MISO	Central	2013	44.6	44.6	N	
MEC	ER96-719	Walnut Wind	MEC	MEC	[n/a]	MISO	Central	2008	153.0	153.0	N	
MEC	ER96-719	Walter Scott 3 Coal	MEC	MEC	[n/a]	MISO	Central	1978	725.8	554.5	S	5
MEC	ER96-719	Walter Scott 4 Coal	MEC	MEC	[n/a]	MISO	Central	2007	922.5	486.9	S	5
MEC	ER96-719	Wellsburg Wind	MEC	MEC	[n/a]	MISO	Central	2014	140.8	140.8	N	
MEC	ER96-719	Highland I Wind	MEC	MEC	[n/a]	MISO	Central	2015	495.0	495.0	N	
MEC	ER96-719	Highland II Wind	MEC	MEC	[n/a]	MISO	Central	2015	7.0	7.0	N	

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MEC	ER96-719	Adams County Wind	MEC	MEC	[n/a]	MISO	Central	2015	154.3	154.3	N	
MEC	ER96-719	O'Brien County Wind	MEC	MEC	[n/a]	MISO	Central	2016	250.3	250.3	N	
MEC	ER96-719	Ida Grove Wind	MEC	MEC	[n/a]	MISO	Central	2016	301.0	301.0	N	
MidAmerican Energy Services, LLC	ER15-2211	[n/a]	[n/a]	[n/a]	[n/a]	[n/a]	[n/a]	[n/a]	[n/a]	[n/a]	[n/a]	
Nevada Power Company ("NPC")	ER01-1529	Chuck Lenzie 1	NPC	NPC	[n/a]	NEVP	Northwest	2005	732.8	551.0	S	
NPC	ER01-1529	Chuck Lenzie 2	NPC	NPC	[n/a]	NEVP	Northwest	2005	732.8	551.0	S	
NPC	ER01-1529	Silverhawk 1	NPC/SNWA	NPC	[n/a]	NEVP	Northwest	2004	498.3	390.0	S	5
NPC	ER01-1529	Clark GT4	NPC	NPC	[n/a]	NEVP	Northwest	1973	72.4	54.0	S	
NPC	ER01-1529	Clark GT5	NPC	NPC	[n/a]	NEVP	Northwest	1979	92.5	72.0	S	
NPC	ER01-1529	Clark GT6	NPC	NPC	[n/a]	NEVP	Northwest	1979	92.5	72.0	S	
NPC	ER01-1529	Clark GT7	NPC	NPC	[n/a]	NEVP	Northwest	1980	92.5	72.0	S	
NPC	ER01-1529	Clark GT8	NPC	NPC	[n/a]	NEVP	Northwest	1982	92.5	72.0	S	
NPC	ER01-1529	Clark 9	NPC	NPC	[n/a]	NEVP	Northwest	1993	104.4	71.0	S	
NPC	ER01-1529	Clark 10	NPC	NPC	[n/a]	NEVP	Northwest	1994	104.4	71.0	S	
NPC	ER01-1529	Clark GT 11-14	NPC	NPC	[n/a]	NEVP	Northwest	2008	242.0	206.0	S	
NPC	ER01-1529	Clark GT 15-18	NPC	NPC	[n/a]	NEVP	Northwest	2008	242.0	206.0	S	
NPC	ER01-1529	Clark GT 19-22	NPC	NPC	[n/a]	NEVP	Northwest	2008	240.9	206.0	S	
NPC	ER01-1529	Harry Allen GT3	NPC	NPC	[n/a]	NEVP	Northwest	1995	101.5	72.0	S	
NPC	ER01-1529	Harry Allen GT4	NPC	NPC	[n/a]	NEVP	Northwest	2006	85.0	72.0	S	
NPC	ER01-1529	Harry Allen CC	NPC	NPC	[n/a]	NEVP	Northwest	2011	558.5	484.0	S	
NPC	ER01-1529	Reid Gardner 4	NPC	NPC	[n/a]	NEVP	Northwest	1983	294.8	257.0	S	
NPC	ER01-1529	Las Vegas Cogen I	NPC	NPC	[n/a]	NEVP	Northwest	2008	61.3	48.0	S	
NPC	ER01-1529	Las Vegas Cogen II	NPC	NPC	[n/a]	NEVP	Northwest	2004	297.5	224.0	S	
NPC	ER01-1529	SunPeak GT3-GT5	NPC	NPC	[n/a]	NEVP	Northwest	1991	294.4	210.0	S	
NPC	ER01-1529	Navajo 1	NPC	NPC	[n/a]	NEVP	Southwest	1974	85.0	85.0	S	
NPC	ER01-1529	Navajo 2	NPC	NPC	[n/a]	NEVP	Southwest	1975	85.0	85.0	S	
NPC	ER01-1529	Navajo 3	NPC	NPC	[n/a]	NEVP	Southwest	1976	85.0	85.0	S	
NPC	ER01-1529	Higgins, Walter M. III	NPC	NPC	[n/a]	NEVP	Northwest	2008	688.4	530.0	S	
NPC	ER01-1529	Goodsprings	NPC	NPC	[n/a]	NEVP	Northwest	2010	7.5	5.0	S	
NPC	ER01-1529	Nellis Solar	NPC	NPC	[n/a]	NEVP	Northwest	2015	15.0	15.0	N	
PacifiCorp	ER97-2801	Ashton Hydro	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	1917	6.7	7.2	A	
PacifiCorp	ER97-2801	Bigfork Hydro	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	1910	4.15	4.6	A	
PacifiCorp	ER97-2801	Blundell Geothermal	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	1984	38.1	31.7	S	6
PacifiCorp	ER97-2801	Cholla Coal Unit 4	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	1981	414.0	395.0	S	6
PacifiCorp	ER97-2801	Currant Creek Gas	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	2005	566.9	524.2	S	6
PacifiCorp	ER97-2801	Cutler Hydro	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	1927	30.0	29.0	A	
PacifiCorp	ER97-2801	Dave Johnston Coal	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	1959	816.8	760.0	S	6
PacifiCorp	ER97-2801	Dunlap Ranch Wind	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	2010	111.0	111.0	N	
PacifiCorp	ER97-2801	Foote Creek Wind	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	1998	32.1	32.1	N	
PacifiCorp	ER97-2801	Gadsby Gas	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	1951	432.7	356.2	S	6
PacifiCorp	ER97-2801	Glenrock Wind 1 & 3	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	2008	138.0	138.0	N	
PacifiCorp	ER97-2801	Goshen Wind	Wolverine Creek Energy, LLC	PacifiCorp	2005	PACE	Northwest	2005	64.5	64.5	N	
PacifiCorp	ER97-2801	Grace Hydro	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	1908	33.0	33.0	A	

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PacifiCorp	ER97-2801	Granite Hydro	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	1896	2.0	1.2	A	
PacifiCorp	ER97-2801	Gunlock Hydro	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	1917	0.75	0.8	A	
PacifiCorp	ER97-2801	High Plains Wind	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	2009	99.0	99.0	N	
PacifiCorp	ER97-2801	Hunter Coal	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	1978	1247.8	1,158.1	S	7
PacifiCorp	ER97-2801	Huntington Coal	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	1974	996.0	909.0	S	6
PacifiCorp	ER97-2801	Lake Side Gas	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	2007	591.3	546.2	S	6
PacifiCorp	ER97-2801	Lake Side 2 Gas	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	2014	655.2	631.2	S	6
PacifiCorp	ER97-2801	Last Chance Hydro	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	1983	1.73	1.4	A	
PacifiCorp	ER97-2801	McFadden Ridge Wind	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	2009	28.5	28.5	N	
PacifiCorp	ER97-2801	Naughton Coal	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	1963	707.2	637.0	S	6
PacifiCorp	ER97-2801	Oneida Hydro	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	1915	30.0	27.9	A	
PacifiCorp	ER97-2801	Paris Hydro	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	1910	0.72	0.7	A	
PacifiCorp	ER97-2801	Pioneer Hydro	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	1897	5.0	4.0	A	
PacifiCorp	ER97-2801	Rolling Hills Wind	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	2009	99.0	99.0	N	
PacifiCorp	ER97-2801	Sand Cove Hydro	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	1926	0.8	0.8	A	
PacifiCorp	ER97-2801	Seven Mile Hill Wind 1 & 2	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	2008	118.5	118.5	N	
PacifiCorp	ER97-2801	Soda Hydro	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	1924	14.45	14.0	A	
PacifiCorp	ER97-2801	Stairs Hydro	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	1895	1.0	1.2	A	
PacifiCorp	ER97-2801	Veyo Hydro	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	1920	0.5	0.5	A	
PacifiCorp	ER97-2801	Viva Naughton Hydro	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	1986	0.74	0.7	A	
PacifiCorp	ER97-2801	Weber Hydro	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	1911	3.85	2.0	A	
PacifiCorp	ER97-2801	Wyodak Coal	PacifiCorp	PacifiCorp	[n/a]	PACE	Northwest	1978	289.7	265.6	S	6
PacifiCorp	ER97-2801	Bend Hydro	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1913	1.11	1.0	A	
PacifiCorp	ER97-2801	Black Cap Solar	Black Cap Solar, LLC	PacifiCorp	2012	PACW	Northwest	2012	2.0	2.0	N	
PacifiCorp	ER97-2801	Clearwater 1 Hydro	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1953	15.0	17.9	A	
PacifiCorp	ER97-2801	Clearwater 2 Hydro	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1953	26.0	31.0	A	
PacifiCorp	ER97-2801	Colstrip Coal	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1984	155.6	148.0	S	6
PacifiCorp	ER97-2801	Copco 1 Hydro	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1918	20.0	28.0	A	
PacifiCorp	ER97-2801	Copco 2 Hydro	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1925	27.0	34.0	A	
PacifiCorp	ER97-2801	Deseret Bonanza Toll	Deseret Generation and Transmission Cooperative	PacifiCorp	2005	PACE	Northwest	N/A	499.5	100.0	S	6
PacifiCorp	ER97-2801	Eagle Point Hydro	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1957	2.81	2.8	A	
PacifiCorp	ER97-2801	East Side Hydro	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1924	3.2	3.0	A	
PacifiCorp	ER97-2801	Fall Creek Hydro	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1903	2.2	2.0	A	
PacifiCorp	ER97-2801	Fish Creek Hydro	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1952	11.0	10.4	A	
PacifiCorp	ER97-2801	Goodnoe Hills Wind	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	2008	94.0	94.0	N	
PacifiCorp	ER97-2801	Hermiston Gas	PacifiCorp	PacifiCorp	1996	PACW	Northwest	1996	279.6	230.5	S	6
PacifiCorp	ER97-2801	Iron Gate Hydro	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1962	18.0	18.8	A	
PacifiCorp	ER97-2801	Jim Bridger Coal	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1974	1550.7	1,415.3	S	6
PacifiCorp	ER97-2801	John C Boyle Hydro	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1958	97.98	83.0	A	
PacifiCorp	ER97-2801	Leaning Juniper Wind	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	2006	100.5	100.5	N	
PacifiCorp	ER97-2801	Lemolo 1 Hydro	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1955	31.99	32.0	A	
PacifiCorp	ER97-2801	Lemolo 2 Hydro	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1956	38.5	38.5	A	
PacifiCorp	ER97-2801	Marengo Wind 1 & 2	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	2007	210.6	210.6	N	
PacifiCorp	ER97-2801	Merwin Hydro	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1931	136.0	151.0	A	

Berkshire Hathaway Parties and Energy Affiliates	Docket # Where MBR Granted	Generation Name	Owned By	Controlled By	Date Control Transferred	Market / Balancing Authority Area	Geographic Region	In-Service Date (1)	Capacity Rating: Nameplate (MW)	Capacity Rating: Used in Filing (MW)	Capacity Rating: Methodology Used in [K]: (N)ameplate, (S)easonal, 5-yr (U)nit, 5-yr (E)IA, (A)lternative	End Note Number (Enter text in End Note Tab)
PacifiCorp	ER97-2801	Prospect 1 Hydro	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1912	3.76	4.6	A	
PacifiCorp	ER97-2801	Prospect 2 Hydro	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1928	32.0	36.0	A	
PacifiCorp	ER97-2801	Prospect 3 Hydro	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1932	7.2	7.7	A	
PacifiCorp	ER97-2801	Prospect 4 Hydro	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1944	1.0	0.9	A	
PacifiCorp	ER97-2801	Slide Creek Hydro	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1951	18.0	18.0	A	
PacifiCorp	ER97-2801	Soda Springs Hydro	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1952	11.0	11.6	A	
PacifiCorp	ER97-2801	Swift 1 Hydro	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1958	240.0	263.6	A	
PacifiCorp	ER97-2801	Toketee Hydro	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1949	42.5	45.0	A	
PacifiCorp	ER97-2801	Wallowa Falls Hydro	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1921	1.1	1.1	A	
PacifiCorp	ER97-2801	West Side Hydro	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1908	0.6	0.6	A	
PacifiCorp	ER97-2801	Yale Hydro	PacifiCorp	PacifiCorp	[n/a]	PACW	Northwest	1953	134.0	163.6	A	
PacifiCorp	ER97-2801	Chehalis Gas	PacifiCorp	PacifiCorp	[n/a]	BPA	Northwest	2003	593.3	477.0	S	6
PacifiCorp	ER97-2801	Hayden Coal	PacifiCorp	PacifiCorp	[n/a]	PSCO	Northwest	1965	81.4	78.1	S	6
PacifiCorp	ER97-2801	Craig Coal	PacifiCorp	PacifiCorp	[n/a]	WACM	Northwest	1979	172.1	164.8	S	6
Sierra Pacific Power Company ("SPPC")	ER01-1527	Fort Churchill 1	SPPC	SPPC	[n/a]	NEVP	Northwest	1968	115.0	113.0	S	
SPPC	ER01-1527	Fort Churchill 2	SPPC	SPPC	[n/a]	NEVP	Northwest	1971	115.0	113.0	S	
SPPC	ER01-1527	Tracy 3	SPPC	SPPC	[n/a]	NEVP	Northwest	1974	119.8	108.0	S	
SPPC	ER01-1527	Tracy 4 & 5	SPPC	SPPC	[n/a]	NEVP	Northwest	1996	119.8	104.0	S	
SPPC	ER01-1527	Tracy CC	SPPC	SPPC	[n/a]	NEVP	Northwest	2008	632.2	541.0	S	
SPPC	ER01-1527	Tracy GT3	SPPC	SPPC	[n/a]	NEVP	Northwest	1994	85.0	66.0	S	
SPPC	ER01-1527	Tracy GT4	SPPC	SPPC	[n/a]	NEVP	Northwest	1994	85.0	66.0	S	
SPPC	ER01-1527	Valmy 1	SPPC/IPC	SPPC/IPC	[n/a]	NEVP	Northwest	1981	138.6	127.0	S	5
SPPC	ER01-1527	Valmy 2	SPPC/IPC	SPPC/IPC	[n/a]	NEVP	Northwest	1985	144.9	134.0	S	5

Berkshire Hathaway Parties and Energy Affiliates	Docket # where MBR granted	Seller Name	Amount of PPA (MW)	Location		Start Date (mo/da/yr)	End Date (mo/da/yr)	End Note Number (Enter text in End Note Tab)
				Market / Balancing Authority Area	Geographic Region			
NPC	ER01-1529	American Capital Energy, Inc. / ACE Searchlight	17.5	NEVP	Northwest	12/16/2014	12/31/2034	
NPC	ER01-1529	Boulder Canyon Project	235.2	WALC	Southwest	6/1/1987	9/30/2017	
NPC	ER01-1529	Griffith Energy, LLC	570.0	Griffith	Southwest	6/1/2008	9/30/2017	
NPC	ER01-1529	Acciona S.A. / Nevada Solar One	46.9	NEVP	Northwest	6/27/2007	12/31/2027	
NPC	ER01-1529	Nevada Cogeneration 1	85.0	NEVP	Northwest	6/18/1992	4/30/2023	
NPC	ER01-1529	Nevada Cogeneration 2	85.0	NEVP	Northwest	2/1/1993	4/30/2023	
NPC	ER01-1529	Silverhawk - SNWA	130.0	NEVP	Northwest	6/1/2013	12/31/2018	
NPC	ER01-1529	Saguaro Power Company	90.0	NEVP	Northwest	10/17/1991	4/30/2022	
NPC	ER01-1529	Silver State LLC	52.0	NEVP	Northwest	4/25/2012	12/31/2037	
NPC	ER01-1529	CC Landfill LLC / Apex Landfill	12.0	NEVP	Northwest	3/1/2012	12/31/2032	
NPC	ER01-1529	Southern Company / RV Apex Nevada Solar, LLC	20.0	NEVP	Northwest	7/21/2012	12/31/2037	
NPC	ER01-1529	Southern Company / FRV Spectrum Solar	30.0	NEVP	Northwest	9/23/2013	12/31/2038	
NPC	ER01-1529	NextEra Energy Resources, LLC / Mountain View Solar	20.0	NEVP	Northwest	1/5/2014	12/31/2039	
SPPC	ER01-1527	Enel Salt Wells, LLC	23.6	NEVP	Northwest	9/18/2009	12/31/2029	
SPPC	ER01-1527	Enel Stillwater LLC	69.2	NEVP	Northwest	10/10/2009	12/31/2029	
SPPC	ER01-1527	Ormat Nevada-ORNI 3, LLC / Desert Peak 2	25.0	NEVP	Northwest	4/17/2007	12/31/2027	
SPPC	ER01-1527	Ormat Nevada-ORNI 9, LLC / Galena 2	13.0	NEVP	Northwest	5/2/2007	12/31/2027	

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SPPC	ER01-1527	Newmont Nevada Energy Investment, LLC / Newmont Coal Facility	185.0	NEVP	Northwest	6/1/2008	5/31/2023	
SPPC	ER01-1527	Beowawe Power, LLC	17.7	NEVP	Northwest	1/1/2006	12/31/2025	
SPPC	ER01-1527	Ormat Nevada, Inc. / Brady Geothermal Project	24.0	NEVP	Northwest	7/30/1992	7/30/2022	
SPPC	ER01-1527	US Geothermal Inc. / San Emidio	11.75	NEVP	Northwest	5/25/2012	12/31/2037	
SPPC	ER01-1527	Homestretch Geothermal, LLC / Homestretch Combined	5.58	NEVP	Northwest	6/1/1987	12/31/2017	
SPPC	ER01-1527	Hooper Hydro / Frank Hooper	0.75	NEVP	Northwest	6/23/1986	6/22/2016	
SPPC	ER01-1527	Ormat Nevada-ORNI 7, LLC / Richard Burdette	26.0	NEVP	Northwest	2/28/2006	12/31/2026	
SPPC	ER01-1527	Ormat Nevada-ORNI 14, LLC / Galena 3	26.5	NEVP	Northwest	2/21/2008	12/31/2028	
SPPC	ER01-1527	Sierra Pacific Industries	0.0	NEVP	Northwest	11/8/1989	11/7/2019	
SPPC	ER01-1527	Magma Energy Corp. / Amor IX - Soda Lake I and II	23.0	NEVP	Northwest	12/31/1987	8/4/2021	
SPPC	ER01-1527	Ormat Nevada, Inc. / Steamboat Hills	14.55	NEVP	Northwest	2/23/1988	2/23/2018	
SPPC	ER01-1527	Steamboat Geothermal, LLC / Steamboat IA	0.0	NEVP	Northwest	12/13/1988	12/13/2018	
SPPC	ER01-1527	Steamboat Geothermal Corp. / Steamboat II	13.4	NEVP	Northwest	12/13/1992	12/13/2022	
SPPC	ER01-1527	Steamboat Geothermal Corp. / Steamboat III	13.4	NEVP	Northwest	12/19/1992	12/19/2022	

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SPPC	ER01-1527	Truckee Carson Irrigation District / New Lahontan	4.0	NEVP	Northwest	6/12/1989	6/11/2039	
SPPC	ER01-1527	Truckee Meadows Water Authority / Fleish	2.25	NEVP	Northwest	5/16/2008	6/1/2028	
SPPC	ER01-1527	Truckee Meadows Water Authority / Verdi	2.15	NEVP	Northwest	5/15/2009	6/1/2029	
SPPC	ER01-1527	Truckee Meadows Water Authority / Washoe	2.15	NEVP	Northwest	7/25/2008	6/1/2028	
SPPC	ER10-2475	CalPeco Kings Beach	12.00	NEVP	Northwest	1/1/2011	12/31/2031	
SPPC	ER01-1527	Nevada Geothermal Power Company, Inc. / Faulkner I Blue Mountain	49.50	NEVP	Northwest	11/20/2009	12/31/2029	
SPPC	ER01-1527	ORNI 15, LLC / Jersey Valley Geothermal	22.50	NEVP	Northwest	8/30/2011	12/31/2031	
SPPC	ER01-1527	ORNI 42, LLC / Tuscarora	32.00	NEVP	Northwest	1/11/2012	12/31/2032	
SPPC	ER01-1527	ORNI 39, LLC / McGinness Hills	96.00	NEVP	Northwest	6/20/2012	12/31/2032	
SPPC	ER01-1527	WM Nevada Renewable Energy, LLC / Lockwood	3.20	NEVP	Northwest	4/1/2012	12/31/2032	
SPPC	ER01-1527	Spring Valley Wind LLC / Spring Valley	151.80	NEVP	Northwest	8/16/2012	12/31/2032	
SPPC	ER01-1527	RO Hydro / RO Ranch	0.23	NEVP	Northwest	3/15/2011	N/A	
SPPC	ER01-1527	Young Brothers / Kingston Hydro	0.18	NEVP	Northwest	9/19/2011	N/A	
SPPC	ER01-1527	Van Norman Ranches, LLC / Mill Creek Hydro	0.04	NEVP	Northwest	9/1/2011	N/A	

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SPPC	ER01-1527	Acciona S.A. / Nevada Solar One	22.10	NEVP	Northwest	6/27/2007	12/31/2027	
SPPC	ER01-1527	Apple / Forth Churchill Apple Solar	19.50	NEVP	Northwest	8/5/2015	8/4/2040	
MEC	ER96-719	Lincoln Electric System	50.0	MISO	Central	1/1/2008	12/31/2028	
MEC	ER96-719	Cedar Falls Utilities	15.0	MISO	Central	6/1/2015	5/31/2016	
MEC	ER96-719	Gibson City LLC	50.0	MISO	Central	6/1/2016	5/31/2017	
MEC	ER96-719	City of Davenport, Iowa	1.3	MISO	Central	11/16/1995	11/16/2028	
MEC	ER96-719	Waste Management of Iowa, Inc.	6.4	MISO	Central	11/12/1993	11/12/2026	
MEC	ER96-719	Carroll Area Wind Farm, LLC	3.0	MISO	Central	1/13/2015	12/31/2040	
MEC	ER96-719	Exelon Generation Company, LLC	180	PJM	Northeast	6/1/2015	5/31/2016	
MEC	ER96-719	Storm Lake Power Partners I LLC	10.7	MISO	Central	5/17/1999	11/16/2019	
PacifiCorp	ER97-2801	Apple, Inc.	2.99	PACW	Northwest	4/6/2012	4/14/2028	
PacifiCorp	ER97-2801	Beryl Solar, LLC	3.00	PACE	Northwest	7/31/2015	7/30/2035	
PacifiCorp	ER97-2801	Big Top, LLC	1.65	PACW	Northwest	12/19/2008	1/29/2029	
PacifiCorp	ER97-2801	Biomass One, L.P.	32.00	PACW	Northwest	1/1/2012	12/31/2026	
PacifiCorp	ER97-2801	Birch Power Company	4.00	PACE	Northwest	5/2/1986	4/1/2022	
PacifiCorp	ER97-2801	Birch Power Company	2.80	PACE	Northwest	8/21/1984	3/31/2022	
PacifiCorp	ER97-2801	Black Cap Solar, LLC	2.0	PACW	Northwest	1/1/2013	1/1/2033	
PacifiCorp	ER97-2801	Box Canyon Limited Partnership	6.51	PACW	Northwest	3/14/1983	12/31/2020	
PacifiCorp	ER97-2801	Brigham Young University - Idaho	5.60	PACE	Northwest	8/1/2015	9/28/2017	
PacifiCorp	ER97-2801	Buckhorn Solar, LLC	30.00	PACE	Northwest	7/31/2015	7/30/2035	
PacifiCorp	ER97-2801	Butter Creek Power, LLC	4.95	PACW	Northwest	12/19/2008	1/29/2029	

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PacifiCorp	ER97-2801	Kettle Butte Digester, LLC	1.696	PACE	Northwest	6/7/2011	2/28/2021	
PacifiCorp	ER97-2801	CBG Portland, LLC	3.00	PACW	Northwest	7/1/2013	6/30/2033	
PacifiCorp	ER97-2801	CDM Hydroelectric Company	6.00	PACE	Northwest	12/4/1984	3/31/2021	
PacifiCorp	ER97-2801	C Drop Hydro, LLC	1.10	PACW	Northwest	3/15/2012	5/2/2027	
PacifiCorp	ER97-2801	Cedar Valley Solar, LLC	3.00	PACE	Northwest	7/31/2015	7/30/2035	
PacifiCorp	ER97-2801	Central Oregon Irrigation District - Siphon	6.00	PACW	Northwest	9/1/1989	12/31/2018	
PacifiCorp	ER97-2801	Central Oregon Irrigation District - Juniper Ridge	5.00	PACW	Northwest	9/1/2010	8/31/2029	
PacifiCorp	ER97-2801	Chevron Corporation	16.50	PACE	Northwest	7/1/2015	6/30/2016	
PacifiCorp	ER97-2801	Deschutes Valley Water District	4.30	PACW	Northwest	11/15/1982	12/31/2020	
PacifiCorp	ER97-2801	Deseret Generation and Transmission Cooperative	100.0	PACE	Northwest	1/1/2000	N/A	
PacifiCorp	ER97-2801	Dorena Hydro, LLC	6.10	PACW	Northwest	12/1/2012	11/30/2032	
PacifiCorp	ER97-2801	Douglas County, Inc., dba Douglas County Forest Products	6.25	PACW	Northwest	8/1/2015	7/31/2020	
PacifiCorp	ER97-2801	Douglas County - Galesville Dam	1.80	PACW	Northwest	9/1/1987	12/31/2021	
PacifiCorp	ER97-2801	Enterprise Solar, LLC	80.00	PACE	Northwest	10/2/2014	10/30/2036	
PacifiCorp	ER97-2801	Escalante Solar I, LLC	80.00	PACE	Northwest	10/2/2014	10/30/2036	
PacifiCorp	ER97-2801	Escalante Solar II, LLC	80.00	PACE	Northwest	10/2/2014	10/30/2036	
PacifiCorp	ER97-2801	Escalante Solar III, LLC	80.00	PACE	Northwest	10/2/2014	10/30/2036	

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PacifiCorp	ER97-2801	Evergreen BioPower, LLC	10.00	PACW	Northwest	1/2/2007	12/31/2017	
PacifiCorp	ER97-2801	ExxonMobil Production Company	107.40	PACE	Northwest	1/1/2012	12/31/2016	
PacifiCorp	ER97-2801	Falls Creek H.P. Limited Partnership	4.10	PACW	Northwest	5/29/1986	12/31/2019	
PacifiCorp	ER97-2801	Farmers Irrigation District	4.15	PACW	Northwest	6/29/1983	12/31/2025	
PacifiCorp	ER97-2801	Finley BioEnergy, LLC	4.80	PACW	Northwest	10/24/2007	11/15/2022	
PacifiCorp	ER97-2801	Foote Creek II, LLC	1.80	PACE	Northwest	6/17/2014	6/17/2019	
PacifiCorp	ER97-2801	Foote Creek III, LLC	24.50	PACE	Northwest	8/1/2014	7/31/2019	
PacifiCorp	ER97-2801	Four Corners Windfarm, LLC	10.00	PACW	Northwest	6/16/2009	6/30/2029	
PacifiCorp	ER97-2801	Four Mile Canyon Windfarm, LLC	10.00	PACW	Northwest	6/16/2009	6/30/2029	
PacifiCorp	ER97-2801	George DeRuyter & Sons Dairy, LLC	1.20	PACW	Northwest	1/1/2015	6/30/2016	
PacifiCorp	ER97-2801	Granite Peak Solar, LLC	3.00	PACE	Northwest	7/31/2015	7/30/2035	
PacifiCorp	ER97-2801	Greenville Solar, LLC	2.19	PACE	Northwest	7/31/2015	7/30/2035	
PacifiCorp	ER97-2801	United States Department of the Air Force	2.457	PACE	Northwest	1/10/2005	1/9/2025	
PacifiCorp	ER97-2801	Kennecott Utah Copper, LLC	7.54	PACE	Northwest	1/1/2016	12/31/2016	
PacifiCorp	ER97-2801	Kennecott Utah Copper, LLC	31.80	PACE	Northwest	1/1/2016	12/31/2016	
PacifiCorp	ER97-2801	Lacomb Irrigation District	1.00	PACW	Northwest	6/17/1998	12/31/2022	
PacifiCorp	ER97-2801	Laho, LLC	3.00	PACE	Northwest	7/1/2015	7/30/2035	
PacifiCorp	ER97-2801	Latigo Wind Park, LLC	60.00	PACE	Northwest	5/1/2015	4/30/2035	

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				Market / Balancing Authority Area	Geographic Region			
PacifiCorp	ER97-2801	Lower Valley Energy, Inc.	1.70	PACE	Northwest	9/2/2014	9/30/2016	
PacifiCorp	ER97-2801	Mariah Wind, LLC.	10.00	PACW	Northwest	9/1/2015	8/31/2030	
PacifiCorp	ER97-2801	Marsh Valley Hydro Electric Company	1.70	PACE	Northwest	11/1/1986	2/28/2028	
PacifiCorp	ER97-2801	Meadow Creek Project Company LLC	39.90	PACE	Northwest	1/4/2012	12/21/2032	
PacifiCorp	ER97-2801	Meadow Creek Project Company LLC	79.80	PACE	Northwest	1/4/2012	12/10/2032	
PacifiCorp	ER97-2801	Middlefork Irrigation District	3.70	PACW	Northwest	1/1/2007	12/31/2021	
PacifiCorp	ER97-2801	Milford Flat Solar, LLC	3.00	PACE	Northwest	7/23/2015	7/30/2035	
PacifiCorp	ER97-2801	Mink Creek Hydro LLC	2.70	PACE	Northwest	12/1/1986	3/31/2022	
PacifiCorp	ER97-2801	Mountain Wind Power II, LLC	79.80	PACE	Northwest	10/26/2006	9/29/2033	
PacifiCorp	ER97-2801	Mountain Wind Power, LLC	60.90	PACE	Northwest	7/14/2006	7/1/2033	
PacifiCorp	ER97-2801	Oregon Environmental Industries, LLC	3.20	PACW	Northwest	6/28/2007	7/31/2022	
PacifiCorp	ER97-2801	Oregon Trail Windfarm, LLC	9.90	PACW	Northwest	12/19/2008	1/15/2029	
PacifiCorp	ER97-2801	Orem Wind Family Wind, LLC	10.00	PACW	Northwest	9/1/2015	8/31/2030	
PacifiCorp	ER97-2801	Oregon State University	6.50	PACW	Northwest	11/23/2010	6/30/2020	
PacifiCorp	ER97-2801	Pacific Canyon Windfarm, LLC	8.25	PACW	Northwest	12/19/2008	1/22/2029	
PacifiCorp	ER97-2801	Pavant Solar LLC	50.00	PACE	Northwest	9/28/2015	12/30/2035	
PacifiCorp	ER97-2801	Power County Wind Park North, LLC	22.50	PACE	Northwest	8/18/2010	12/31/2031	
PacifiCorp	ER97-2801	Power County Wind Park South, LLC	22.50	PACE	Northwest	8/18/2010	12/31/2031	

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PacifiCorp	ER97-2801	Roseburg Forest Products Company	10.00	PACW	Northwest	7/1/2012	6/30/2018	
PacifiCorp	ER97-2801	Roseburg Forest Products Company	20.00	PACW	Northwest	1/1/2016	12/31/2016	
PacifiCorp	ER97-2801	Roseburg LFG Energy, LLC	1.60	PACW	Northwest	12/1/2011	4/30/2032	
PacifiCorp	ER97-2801	Rough & Ready Lumber Company	1.28	PACW	Northwest	12/1/2012	11/30/2018	
PacifiCorp	ER97-2801	Sand Ranch Windfarm, LLC	9.90	PACW	Northwest	12/19/2008	1/15/2029	
PacifiCorp	ER97-2801	Slate Creek Hydro Company, Inc.	4.20	PACW	Northwest	10/29/1982	12/31/2018	
PacifiCorp	ER97-2801	Spanish Fork Wind Park 2, LLC	18.90	PACE	Northwest	6/20/2006	7/30/2028	
PacifiCorp	ER97-2801	Stahlbush Island Farms, Inc.	1.60	PACW	Northwest	10/1/2014	5/31/2017	
PacifiCorp	ER97-2801	SunE DB 24, LLC	2.97	PACE	Northwest	10/15/2015	10/14/2035	
PacifiCorp	ER97-2801	SunE DB18, LLC	2.93	PACE	Northwest	1/15/2015	1/14/2035	
PacifiCorp	ER97-2801	SunE Solar XVII Project1, LLC	3.00	PACE	Northwest	5/29/2013	5/29/2035	
PacifiCorp	ER97-2801	SunE Solar XVII Project2, LLC	3.00	PACE	Northwest	5/30/2015	5/29/2035	
PacifiCorp	ER97-2801	SunE XVII Project 3	3.00	PACE	Northwest	10/15/2015	10/14/2035	
PacifiCorp	ER97-2801	Sunnyside Cogeneration Associates	53.00	PACE	Northwest	12/18/1986	2/22/2023	
PacifiCorp	ER97-2801	TATA Chemicals (Soda Ash) Partners	30.00	PACE	Northwest	1/1/2014	12/31/2018	
PacifiCorp	ER97-2801	Tesoro Refining & Marketing Company, LLC	25.00	PACE	Northwest	1/1/2016	12/31/2016	

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				Market / Balancing Authority Area	Geographic Region			
PacifiCorp	ER97-2801	Threemile Canyon Wind I, LLC	9.90	PACW	Northwest	9/1/2009	6/18/2029	
PacifiCorp	ER97-2801	TMF Biofuels, LLC	4.80	PACW	Northwest	2/17/2012	4/30/2023	
PacifiCorp	ER97-2801	Utah Red Hills Renewable Park, LLC	80.00	PACE	Northwest	11/6/2015	12/30/2036	
PacifiCorp	ER97-2801	Wagon Trail, LLC	3.30	PACW	Northwest	12/19/2008	1/29/2029	
PacifiCorp	ER97-2801	Ward Butte Windfarm, LLC	6.60	PACW	Northwest	12/19/2008	1/15/2029	
PacifiCorp	ER97-2801	Wasatch Integrated Waste Management District	1.60	PACE	Northwest	1/1/2013	12/31/2023	
PacifiCorp	ER97-2801	Wolverine Creek Energy, LLC	64.5	PACE	Northwest	1/1/2013	12/31/2023	
PacifiCorp	ER97-2801	Yakima-Tieton Irrigation District	1.47	PACW	Northwest	1/1/2016	12/31/2018	
PacifiCorp	ER97-2801	Yakima-Tieton Irrigation District	1.40	PACW	Northwest	1/1/2016	12/31/2020	
PacifiCorp	ER97-2801	Arizona Public Service Company	480	PACE	Northwest	9/21/1990	2/15/2021	
PacifiCorp	ER97-2801	Bonneville Power Administration	54	PACE	Northwest	3/1/1989	6/30/2016	
PacifiCorp	ER97-2801	Bonneville Power Administration	484	PACW	Northwest	3/1/1989	6/30/2016	
PacifiCorp	ER97-2801	Bonneville Power Administration (Foote Creek IV)	16.8	PACE	Northwest	6/20/2006	10/1/2020	
PacifiCorp	ER97-2801	Public Utility District No. 1 of Douglas County	38	PACW	Northwest	9/1/1989	8/31/2018	
PacifiCorp	ER97-2801	Public Utility District No. 1 of Douglas County	55	PACW	Northwest	9/18/1963	8/31/2018	

Berkshire Hathaway Parties and Energy Affiliates	Docket # where MBR granted	Seller Name	Amount of PPA (MW)	Location		Start Date (mo/da/yr)	End Date (mo/da/yr)	End Note Number (Enter text in End Note Tab)
				Market / Balancing Authority Area	Geographic Region			
PacifiCorp	ER97-2801	Eurus Combine Hills I, LLC	41	PACW	Northwest	12/22/2003	12/21/2023	
PacifiCorp	ER97-2801	Public Utility District No. 2 of Grant County	171	PACW	Northwest	11/1/2005	12/31/2052	
PacifiCorp	ER97-2801	Hermiston Generating Company	225	PACW	Northwest	7/1/1996	7/1/2016	
PacifiCorp	ER97-2801	City of Idaho Falls	22.5	PACE	Northwest	1/29/1985	11/1/2023	
PacifiCorp	ER97-2801	Portland General Electric	2	PACW	Northwest	6/2/1961	N/A	
PacifiCorp	ER97-2801	Public Service Company of Colorado	150	PACE	Northwest	1/1/2015	10/31/2022	
PacifiCorp	ER97-2801	Rock River I, LLC	49	PACE	Northwest	1/22/2001	12/31/2022	
PacifiCorp	ER97-2801	Three Buttes Windpower, LLC	99	PACE	Northwest	12/1/2009	11/30/2029	
PacifiCorp	ER97-2801	Top of the World Wind Energy LLC	200.2	PACE	Northwest	1/26/2009	12/30/2030	
PacifiCorp	ER97-2801	Tri-State Generation and Transmission Association, Inc.	25	PACE	Northwest	11/9/1989	12/31/2020	
PacifiCorp	ER97-2801	US Magnesium LLC	100	PACE	Northwest	1/1/2015	12/31/2017	
PacifiCorp	ER97-2801	Eugene Water and Electric Board	8.66	PACE	Northwest	10/12/1998	N/A	Exchange
PacifiCorp	ER97-2801	Intermountain Power Agency	66	PACE	Northwest	3/11/1987	12/31/2016	Exchange
PacifiCorp	ER97-2801	Portland General Electric	120	PACW	Northwest	7/8/1993	N/A	Exchange
PacifiCorp	ER97-2801	Seattle City Light	175	PACW	Northwest	1/1/2012	2/28/2022	Exchange

MidAmerican Energy Company and its Energy Affiliates	Cite to Order Accepting OATT or Approving Transfer to ISO/RTO	Asset Name and Use	Owned By	Controlled By	Date Control Transferred	Location		Size	End Note Number
						Balancing Authority Area	Geographic Region		
Bishop Hill Interconnection LLC	138 FERC ¶ 61,159	138 Kilovolt Transmission Line	Bishop Hill Interconnection LLC	Bishop Hill Interconnection LLC	[n/a]	MISO	Central	28 pole miles	
MEC	128 FERC ¶ 61,046	345 Kilovolt Transmission Lines	MEC	MISO	2009	MISO	Central	983 line miles	8, 9
MEC	128 FERC ¶ 61,046	161 Kilovolt Transmission Lines	MEC	MISO	2009	MISO	Central	1,386 line miles	8, 9
MEC	128 FERC ¶ 61,046	69 Kilovolt Transmission Lines	MEC	MEC	[n/a]	MISO	Central	1,398 line miles	8, 10
NPC	80 FERC ¶ 61,143	Transmission Lines from 69 kV to 500 kV	NPC	NPC	[n/a]	NEVP	Northwest	1,727 pole miles	
NPC/SPPC	80 FERC ¶ 61,143 / 77 FERC ¶ 61,266	500 kV One Nevada Transmission Line	NPC/SPPC and Great Basin Transmission, LLC	NPC	2014	NEVP	Northwest	231 pole miles	
PacifiCorp	ER10-2562-000 (October 29, 2010)	500 Kilovolt Transmission Lines	PacifiCorp	PacifiCorp	[n/a]	PACE, PACW	Northwest	1,212 pole miles	8
PacifiCorp	ER10-2562-000 (October 29, 2010)	345 Kilovolt Transmission Lines	PacifiCorp	PacifiCorp	[n/a]	PACE, PACW, Idaho Power	Northwest	3,020 pole miles	8
PacifiCorp	ER10-2562-000 (October 29, 2010)	230 Kilovolt Transmission Lines	PacifiCorp	PacifiCorp	[n/a]	PACE, PACW	Northwest	3,344 pole miles	8
PacifiCorp	ER10-2562-000 (October 29, 2010)	161 Kilovolt Transmission Lines	PacifiCorp	PacifiCorp	[n/a]	PACE, PACW	Northwest	364 pole miles	8
PacifiCorp	ER10-2562-000 (October 29, 2010)	138 Kilovolt Transmission Lines	PacifiCorp	PacifiCorp	[n/a]	PACE, PACW	Northwest	2,302 pole miles	8
SPPC	77 FERC ¶ 61,266	Transmission Lines from 55kV to 345 kV	SPPC	SPPC	[n/a]	NEVP	Northwest	2,325 pole miles	
Saranac Power Partners, L.P.	[n/a]	Intrastate Pipeline	North Country Gas Pipeline Corporation	North Country Gas Pipeline Corporation	[n/a]	NYISO	Northeast	22 miles	
Prairie Wind Transmission, LLC	[n/a]	345 Kilovolt Transmission Line	Prairie Wind Transmission, LLC	SPP	2014	SPP	Southwest	108 miles	

End Note Number	List (Generation, PPA, or Transmission)	Explanatory Note
1	Generation	Where the facility was placed in service in different years, the In-Service date indicates the first year of service.
2	Generation	Initial energization expected to occur on or about October 1, 2016.
3	Generation	Initial energization expected to occur in late February 2016.
4	Generation	Market-based rate authority canceled effective December 15, 2015. See Commission letter order dated January 14, 2016 in Docket No. ER16-516-000.
5	Generation	For these jointly owned units, the amount of capacity provided in Column K is the amount owned by the relevant Berkshire Hathaway Party.
6	Generation	PacifiCorp has rights to the nameplate capacity of these jointly owned units provided in Column J.
7	Generation	PacifiCorp has rights to 1247.8 MW of facility.
8	Transmission	For jointly-owned lines, includes only the equivalent line miles of the Berkshire Hathaway Party's ownership interests.
9	Transmission	Excludes jointly-owned lines operated by another transmission owner in MISO.
10	Transmission	Functional control of 32 line miles of 69 kV line was transferred to MISO in 2014. The remaining 69 kV line miles have not been transferred to MISO's functional control.

FERC rendition of the electronically filed tariff records in Docket No. ER16-01258-000

Filing Data:

CID: C005175

Filing Title: Grande Prairie LLC MBR Application

Company Filing Identifier: 32216

Type of Filing Code: 400

Associated Filing Identifier:

Tariff Title: FERC MBR Tariff

Tariff ID: 1

Payment Confirmation:

Suspension Motion:

Tariff Record Data:

Record Content Description, Tariff Record Title, Record Version Number, Option Code:

1. FERC, MBR Tariff, 0.0.0, A

Record Narrative Name: 1. FERC MBR Tariff

Tariff Record ID: 1

Tariff Record Collation Value: 100 Tariff Record Parent Identifier: 0

Proposed Date: 2016-05-22

Priority Order: 100

Record Change Type: New

Record Content Type: 1

Associated Filing Identifier:

GRANDE PRAIRIE WIND, LLC

Market-Based Rate Tariff

1. Availability: Grande Prairie Wind, LLC (“Seller”) makes electric energy, capacity, and ancillary services available under this tariff to any purchaser, except as prohibited below.
2. Applicability: This tariff is applicable to all sales of energy, capacity and ancillary services by Seller at market-based rates.
3. Ancillary Services:

Southwest Power Pool: Seller offers regulation service and operating reserve service (which include 10-minute spinning reserve and 10-minute supplemental reserve) for sale to the Southwest Power Pool, Inc. (“SPP”) and to others that are self-supplying ancillary services to SPP.

Third-party ancillary services: Seller offers Regulation and Frequency Response Service, Reactive Supply and Voltage Control Service, Energy and Generator Imbalance Service, Operating Reserve-Spinning, and Operating Reserve-Supplemental. Sales will not include the following: (1) sales to an RTO or an ISO, i.e., where that entity has no ability to self-supply ancillary services but instead depends on third parties; and (2) sales to a traditional, franchised public utility affiliated with the third-party supplier, or sales where the underlying transmission service is on the system of the public utility affiliated with the third-party supplier. Sales of Operating Reserve-Spinning and Operating Reserve-Supplemental will not include sales to a public utility that is purchasing ancillary services to satisfy its own open access transmission tariff (“OATT”) requirements to offer ancillary services to its own customers, except where the Commission has granted authorization. Sales of Regulation and Frequency Response Service and Reactive

Supply and Voltage Control Service will not include sales to a public utility that is purchasing ancillary services to satisfy its own OATT requirements to offer ancillary services to its own customers, except at rates not to exceed the buying public utility transmission provider's OATT rate for the same service or where the Commission has granted authorization.

4. Rates: All sales shall be made at rates established by agreement between the purchaser and Seller.
5. Other Terms and Conditions: All other terms and conditions shall be established by agreement between the purchaser and Seller.
6. Compliance with Commission Regulations: Seller shall comply with the provisions of 18 C.F.R. Part 35, Subpart H, as applicable, and with any conditions the Commission imposes in its orders concerning Seller's market-based rate authority, including orders in which the Commission authorizes Seller to engage in affiliate sales under this tariff or otherwise restricts or limits the Seller's market-based rate authority. Failure to comply with the applicable provisions of 18 C.F.R. Part 35, Subpart H, and with any orders of the Commission concerning Seller's market-based rate authority, will constitute a violation of this tariff.
7. Limitations and Exemptions Regarding Market-Based Rate Authority:
 - (a) Mitigated Markets: Seller does not have authority under this tariff to make sales within the NV Energy balancing authority area. *See Sierra Pacific Power Co.*, 95 FERC ¶ 61,193, at 61,675, *reh'g dismissed*, 96 FERC ¶ 61,050 (2001); *see also Sierra Pacific Power Co.*, 111 FERC ¶ 61,259, at P 21 (2005).
 - (b) Mitigated Sales: Sales of energy and capacity are permissible under this tariff in all balancing authority areas where the Seller has been granted market-based rate authority. Sales of energy and capacity under this tariff are also permissible at the metered boundary between the Seller's mitigated balancing authority area and a balancing authority area where the Seller has been granted market-based rate authority provided: (i) legal title of the power sold transfers at the metered boundary of the balancing authority area where the Seller has market-based rate authority; and (ii) if the Seller sells at the metered boundary of a mitigated balancing authority area at market-based rates, then neither it nor its affiliates can sell into that mitigated balancing authority area from the outside. Seller must retain, for a period of five years from the date of the sale, all data and information related to the sale that demonstrates compliance with items (i) and (ii) above.
 - (c) Exemptions: The Commission has granted Seller the following waivers and blanket authorizations: (i) waivers of Subparts B and C of Part 35 of the Commission's regulations requiring the filing of cost-of-service information, except for Sections 35.12(a), 35.13(b), 35.15 and 35.16; (ii) waivers of Part 41, Part 101, and Part 141 of the Commission's regulations regarding accounting and

periodic reporting requirements, except Sections 141.14 and 141.15, and with the exception that waiver of the provisions of Part 101 that apply to hydropower licenses is not granted with respect to licensed hydropower projects; and (iii) blanket approval under Part 34 for all future issuances of securities or assumptions of liabilities pursuant to Section 204 of the Federal Power Act, 16 U.S.C. § 824c. *Grande Prairie Wind, LLC*, Docket No. ER16-____-000 (2016).

8. Seller Category: Seller is a Category 2 seller in the Southwest Power Pool region, and a Category 1 seller in the Central, Northeast, Northwest, Southeast and Southwest regions, as defined in 18 C.F.R. § 35.36(a).
9. Effective Date: This tariff shall be effective on and after the date on which the Commission permits it to become effective.

Document Content(s)

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