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September 1, 2016

Via e-Tariff

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

**Re: Caprock Solar 1 LLC
Docket No. ER16-___-000**

Dear Secretary Bose:

Pursuant to Section 205 of the Federal Power Act and 18 C.F.R. Pt. 35, Caprock Solar1 LLC (“Caprock Solar”) is filing an application for market-based rate authority and a market-based rate tariff (“MBR Tariff”). Included in this filing is the Application, which includes relevant Attachments, and an MBR Tariff for Caprock Solar, which Caprock Solar is filing in its eTariff database. If you have any questions or concerns about the enclosed filing, please contact me at the number listed above.

Respectfully submitted,

/Steven J. Ross/

Counsel for Caprock Solar 1 LLC

Attachments

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

Caprock Solar 1 LLC) Docket No. ER16-____-000

APPLICATION FOR MARKET-BASED RATE AUTHORITY

Pursuant to Section 205 of the Federal Power Act (“FPA”)¹ and Subpart H of Part 35 of the Commission’s Regulations,² as amended by Order Nos. 697 and 816,³ Caprock Solar 1 LLC (“Caprock Solar” or “Applicant”) requests that the Federal Energy Regulatory Commission (the “Commission” or “FERC”) accept for filing its market-based rate (“MBR”) tariff (designated “Tariff Volume No. 1” and attached, hereinafter “Tariff”) to be effective on November 1, 2016. The Tariff will authorize Caprock Solar to sell energy, capacity, and ancillary services at market-based rates, as described more fully herein. Applicant further requests that the Commission grant such waivers and blanket authorizations as the Commission has granted to other similarly-situated entities seeking MBR authorization, as described more fully herein.

¹ 16 U.S.C. § 824d (2012).

² 18 C.F.R. Part 35, Subpart H (2016).

³ *Market-Based Rates for Wholesale Sales of Electric Energy, Capacity and Ancillary Services by Public Utilities*, Order No. 697, FERC Stats. & Regs. ¶ 31,252 (2007) (“Order No. 697”) (subsequent history omitted) ; *Refinements to Policies and Procedures for Market-Based Rates for Wholesale Sales of Electric Energy, Capacity and Ancillary Services by Public Utilities*, Order No. 816, FERC Stats. & Regs. ¶ 31,374 (2015) (“Order No.816”), *Order on Rehearing and Clarification*, 155 FERC ¶ 61,188 (2016) (“Order No. 816-A”).

I. COMMUNICATIONS

Correspondence and communications regarding this application should be addressed to the persons below, who are also designated for service in this proceeding:

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II. DESCRIPTION OF APPLICANT AND THE FACILITY

A. Caprock Solar 1 LLC

Caprock Solar is an indirect subsidiary of Duke Energy Corporation (“Duke Energy”) and has a principal place of business at 550 South Tryon Street, Charlotte, NC 28202. Caprock Solar intends to self-certify for qualifying facility (“QF”) status for its generating facility.

1. The Facility

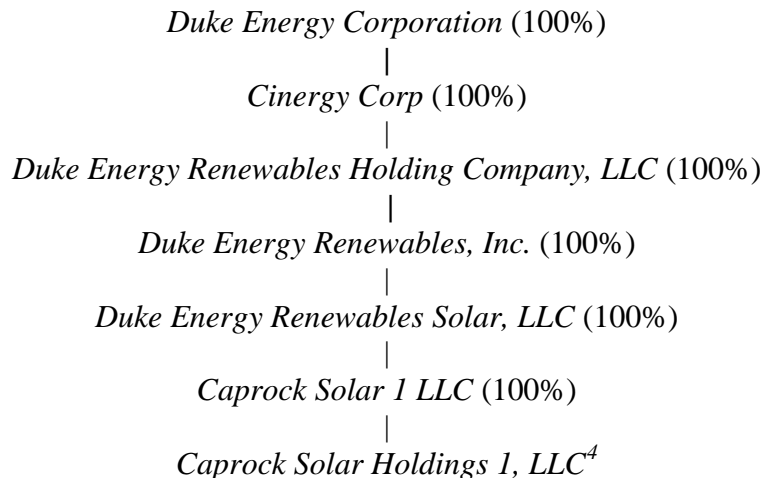
Caprock Solar’s facility is a 25 MW (nominal) solar PV electric generation facility located in Quay County, New Mexico (the “Caprock Solar Facility” or “Facility”) that will be interconnected to the transmission system of Southwestern Public Service Company in the Southwest Power Pool, Inc. (“SPP”) region.

Caprock Solar has entered into a long-term (25 year) power purchase agreement (“PPA”) with Western Farmers Electric Cooperative (“WFEC”) that provides for WFEC to purchase the full output of the Facility through August 2040. Prior to the commercial

operation date under the PPA, Caprock Solar plans to sell test energy to third parties or into the SPP energy market.

2. Ownership of Applicant

Caprock Solar is a direct, wholly-owned subsidiary of Duke Energy Renewables Solar, LLC. Duke Energy Renewables Solar, LLC is a direct, wholly-owned subsidiary of Duke Energy Renewables, Inc., which in turn is a direct, wholly-owned subsidiary of Duke Energy Renewables Holding Company, LLC, which in turn is a direct, wholly-owned subsidiary of Cinergy Corp., which in turn is a direct, wholly-owned subsidiary of Duke Energy. Duke Energy Renewables Solar, LLC, Duke Energy Renewables, Inc., Duke Energy Renewables Holding Company, LLC, and Cinergy Corp. are intermediate holding companies that do not own any generating or transmission facilities or provide any wholesale services. The organizational chart is as follows:



⁴ Caprock Solar Holdings 1, LLC is a direct wholly-owned subsidiary of Caprock Solar that was formed exclusively for the purpose of participating in the Industrial Revenue bond process followed in New Mexico for realizing local property tax abatements; it does not own any generating or transmission facilities or provide any wholesale services.

B. Other Affiliated Entities

Duke Energy, a Delaware corporation, is a public utility holding company headquartered in Charlotte, North Carolina. Together with its subsidiaries, Duke Energy is a diversified energy company with both regulated and unregulated utility operations. Duke Energy supplies, delivers, and processes energy for customers in the U.S. and selected international markets. Duke Energy has six subsidiaries that are regulated electric utility operating companies: Duke Energy Carolinas, LLC (“DEC”), Duke Energy Indiana, LLC (“DEI”), Duke Energy Ohio, Inc. (“DEO”), Duke Energy Kentucky, LLC (“DEK”), Duke Energy Progress, LLC (“DEP”) and Duke Energy Florida, LLC (“DEF”) (collectively, the “Duke Energy Operating Companies”). These Duke Energy Operating Companies, as well as certain other FERC-jurisdictional affiliates, are authorized to sell power at market-based rates, with the exception of sales within the DEC BAA, the DEP BAA, or in Peninsular Florida.⁵ Two wind-generating affiliates are located in the SPP region.⁶ A list of the Duke Energy affiliates with market-

⁵ See *Duke Power, a Div. of Duke Energy Corp.*, 111 FERC ¶ 61,506 at P 61 (2005) (limitation on market-based rate sales within the DEC BAA); *Florida Power Corp.*, 113 FERC ¶ 61,131 at P 17 (2005) (limitations on market-based rate sales within the DEP BAAs and Peninsular Florida); see also *Duke Energy Corp.*, 136 FERC ¶ 61,245 (2011); *Duke Energy Corp.*, 139 FERC ¶ 61,194 (2012).

⁶ Cimarron Windpower II, LLC obtained MBR authority in Docket No. ER12-1504, and is subject to a 2011 full-output PPA with a 20-year term. Ironwood Windpower, LLC obtained MBR authority in Docket No. ER12-1502, and is subject to a 2010 full-output PPA with a 20-year term.

based rate authority, as well as the United States generation assets of the Duke Energy affiliates that own generation, is attached as Appendix B to this filing.⁷

III. REQUEST FOR MARKET-BASED RATE AUTHORIZATION

Caprock Solar requests authorization to sell electric power at market-based rates, as set forth in its Tariff being filed today with this application. In Order No. 697, the Commission consolidated its approach to reviewing requests for such authorization into a two-prong analysis that examines horizontal market power (generation) and vertical market power (transmission access and barriers to entry).⁸ The analysis incorporates restrictions on affiliate transactions that must be satisfied on an ongoing basis as a condition of obtaining and retaining market-based rate authority; affiliate abuse and reciprocal dealing are no longer a separate prong of the analysis.⁹ The two-prong analysis and affiliate restrictions have been codified in the Commission's Regulations.¹⁰ Accordingly, an applicant requesting MBR authority must show that it does not possess, or have the ability to exercise, horizontal or vertical market power and must pledge to comply with the affiliate restrictions.¹¹

⁷ Duke Energy QFs exempt from the requirements of Section 205 or generation in ERCOT are not included in Appendix B.

⁸ Order No. 697 at PP 397-99.

⁹ *Id.* at P 467.

¹⁰ 18 C.F.R. §§ 35.37, 35.39.

¹¹ Order No. 697 at PP 22-24.

A. Caprock Solar Cannot Exercise Horizontal Market Power

Order No. 697 uses two indicative market power screens – the wholesale market power screen and the pivotal supplier screen – to determine whether a seller may have market power and should be further examined.¹² The pivotal supplier screen evaluates the potential of a seller to exercise market power based on its uncommitted capacity at the time of the relevant balancing authority area’s peak demand.¹³ In Order No. 816, however, the Commission clarified that “when all of a seller’s generation capacity is sold on a long-term firm basis to one or more buyers, the seller has no uncommitted capacity and in such cases will not be required to file the indicative screens.”¹⁴

As provided for in Order No. 816, Caprock Solar states that the entire output of the Facility (nominal 25 MW) is fully committed to WFEC under a contract with an August 18, 2015 effective date and a term that runs through the 25th anniversary of that date. The PPA is for a term of one year or longer and there are no limiting features other than the standard commercial provisions for interruptions for *force majeure* events, loss of interconnection facilities, and uncured defaults. Based on this information, the Commission should find that Caprock Solar cannot exercise horizontal market power and that no indicative screen analyses are required to make that finding.

¹² *Id.* at PP 33-35.

¹³ *Id.* at P 35.

¹⁴ Order No. 816 at P 39.

B. Caprock Solar Cannot Exercise Vertical Market Power

In Order No. 697, the Commission determined that vertical market power analysis should focus on whether a seller and its affiliates have transmission market power and whether they can erect other barriers to entry in the relevant market.¹⁵

1. Caprock Solar and its Affiliates Cannot Exercise Transmission Market Power

Neither Caprock Solar nor any entities affiliated with Duke Energy will own or operate or currently owns or operates any transmission facilities (other than discrete generation interconnection facilities) within SPP.¹⁶ Therefore, neither Caprock Solar nor any of its affiliates can exercise transmission market power in the relevant market. Those Duke Energy affiliates that own integrated transmission systems in other markets all are either members of ISOs or have open access tariffs on file as shown in Appendix B-2.¹⁷

¹⁵ Order No. 697 at PP 397-99.

¹⁶ To the extent it is deemed necessary in order to satisfy the requirements for a blanket waiver as described in Section 35.28(d)(2) of the Commission's Regulations, Caprock Solar commits to comply with and be bound by the obligations and procedures applicable to electric utilities under Section 210 of the FPA.

¹⁷ As to PJM Interconnection, L.L.C. ("PJM"), DEO and DEK were granted authority to move to PJM in Docket Nos. ER10-1562 and ER10-2254. *See Duke Energy Ohio, Inc.*, 133 FERC ¶ 61,058 (2010). As to the Midcontinent Independent System Operator, Inc. ("MISO"), DEI's predecessor (PSI Energy, Inc.) obtained authority to participate in MISO in Docket No. ER98-1438. *See Midwest Independent Transmission System Operator, Inc.*, 84 FERC ¶ 61,231 (1998). As to the other affiliates, DEC's baseline OATT was accepted in Docket No. ER10-2566; DEF's baseline OATT was accepted in Docket No. ER10-1775; and DEP's baseline OATT was accepted in Docket No. ER10-1774. As a result of a merger, DEC, DEF, and DEP now have a Joint OATT, which was filed on March 26, 2012, in Docket No. ER12-1343, and conditionally accepted in *Duke Energy Corp. and Progress Energy, Inc., et al.*, 139 FERC ¶ 61,193 (2012).

2. **Neither Caprock Solar nor its Affiliates Have Erected or Can Erect Other Barriers to Entry**

In Order Nos. 697 and 816, the Commission clarified the information that an applicant for market-based rates must provide in regard to the seller's potential ability to erect barriers to entry in the relevant market. The Commission drew a distinction between two categories of inputs to electric power production. The first category consists of natural gas supply, interstate natural gas transportation (including interstate natural gas storage), oil supply, and oil transportation, while the second category consists of intrastate natural gas transportation, intrastate natural gas storage or distribution facilities, and sources of coal supplies and the transportation of coal supplies such as barges and rail cars.¹⁸

In regard to the first category, the Commission stated that it would not require a description or affirmative statement with respect to control or ownership of (or affiliation with an entity that has control or ownership of) such assets.¹⁹ With regard to the second category, the Commission stated that it would adopt a rebuttable presumption that ownership or control of (or affiliation with an entity that owns or controls) those types of assets would not allow a seller to raise barriers to entry, but it would allow intervenors to demonstrate otherwise.²⁰ It further noted that in order to raise the rebuttable presumption, the seller would have to "provide a description of its ownership or control

¹⁸ Order No. 697 at P 441.

¹⁹ *Id.* at P 442.

²⁰ *Id.* at P 446.

of, or affiliation with an entity that owns or controls” these types of assets and make an affirmative statement that neither it nor its affiliates had erected barriers to entry into the relevant market (nor would they erect barriers to entry into the relevant market in the future).²¹ The Commission further clarified that the obligation in the latter regard was “limited to the geographic market(s) in which the seller is located.”²²

Neither Caprock Solar nor any of its affiliates owns or controls any intrastate natural gas transportation or intrastate natural gas storage facilities in the SPP region, although DEO and DEK do operate natural gas local distribution and storage facilities in the Central Region (within MISO). Caprock Solar will not own or control any inputs to electric power production in the relevant market (SPP). Moreover, consistent with section 35.37(e)(4) of the Commission’s Regulations, Caprock Solar affirmatively states that neither it nor its affiliates have erected barriers to entry into the relevant markets and that they will not erect barriers into such markets. Accordingly, Caprock Solar satisfies the Commission’s requirements for market-based rates regarding vertical market power.

C. Caprock Solar Will Comply with the Commission’s Affiliate Restrictions

In Order No. 697, the Commission codified an express requirement that any seller with market-based rate authority must comply with a number of affiliate restrictions,

²¹ *Id.* at P 447; 18 C.F.R. § 35.37(e).

²² Order No. 697 at P 447; Order No. 816 at P 212.

including those previously identified as the market-based rate “code of conduct.”²³ As required under Order No. 697, the Tariff contains provisions stating that Caprock Solar will comply with the affiliate restrictions listed in Part 35 of the Commission’s Regulations.

IV. ANCILLARY SERVICES

Caprock Solar seeks Commission authorization to have the ability to make sales of certain ancillary services into the SPP market. In accordance with Order No. 697, Caprock Solar has included in its Tariff the Commission’s standard provisions regarding the ancillary services that Caprock Solar could offer to SPP.

V. CAPROCK SOLAR’S SELLER CATEGORY DESIGNATION

The Tariff includes a provision designating Caprock Solar as a “Category 1” seller in the Northeast, Central, Southeast, Southwest, Southwest Power Pool, and Northwest Regions. Caprock Solar only owns or controls generation in the Southwest Power Pool region, but neither Caprock Solar nor its affiliates (i) owns or controls transmission facilities (other than limited interconnection facilities), (ii) collectively owns or controls more than 500 MW of generation, or (iii) is affiliated with a franchised public utility that serves in this region. Caprock Solar does not own or control any generation or transmission facilities in any other region of the country.

²³ *Id.* at P 467; 18 C.F.R. § 35.39.

VI. EFFECTIVE DATE

Caprock Solar respectfully request that its Tariff be permitted to take effect on November 1, 2016, which is 61 days from the date of the filing.

VII. REPORTING REQUIREMENTS

Caprock Solar will comply with the Commission's reporting requirements for entities that are authorized to sell electricity at market-based rates. Specifically, Caprock Solar will submit Electric Quarterly Reports in accordance with Order No. 2001²⁴ and subsequent relevant orders. Caprock Solar will also, pursuant to Order No. 652 and Order Nos. 697 and 816, promptly inform the Commission of any change in status that would reflect a departure from the facts that the Commission relied upon in approving market-based rates for Caprock Solar.²⁵

In accordance with 18 C.F.R. § 385.41(c), Caprock Solar hereby notifies the Commission that it will not engage in reporting of transactions to publishers of electric or natural gas price indices.

VIII. REQUEST FOR ADDITIONAL WAIVERS

Caprock Solar respectfully requests that the Commission grant the following waivers and authorizations consistent with Commission practice:

²⁴ *Revised Public Utility Filing Requirements*, Order No. 2001, FERC Stats. & Regs ¶ 31,127 (May 8, 2002), *subsequent history omitted*.

²⁵ *Reporting Requirements for Changes in Status for Public Utilities with Market-Based Rate Authority*, Order No. 652, FERC Stats. & Regs. ¶ 31,175 (2005); 18 C.F.R. § 35.42.

- A. Waiver of Parts 41, 101, and 141 of the Commission’s accounting and periodic reporting requirements (with the exception of 18 C.F.R. §§ 141.14 and 141.15);
- B. Waiver of the filing requirements of subparts B and C of Part 35 of the Commission’s Regulations, except for 18 C.F.R. §§ 35.12(a), 35.13(b), 35.15, and 35.16;
- C. Blanket authorization under Section 204 of the FPA and Part 34 of the Commission’s Regulations for all future issuances of securities or assumptions of liabilities; and
- D. Waiver of any other Commission requirement necessary for Caprock Solar’s Tariff to be made effective as requested in this filing.

The Commission previously has granted these waivers to a subsidiary of Duke Energy in Docket No. ER16-141-001. *Conetoe II Solar, LLC*, unpublished Letter Order (December 15, 2015). The Tariff does not contain a citation to the order accepting the tariff and the limitations and exemptions, but consistent with Commission practice, Caprock Solar will revise its Tariff to include that citation the next time Caprock Solar makes a filing.²⁶

IX. LIST OF MATERIALS SUBMITTED

Caprock Solar is submitting the following documents with this application:

Caprock Solar 1 LLC Tariff Volume No. 1,²⁷ the Order Nos. 697 and 816 “Appendix B”

²⁶ See *Colonial Eagle Solar, LLC*, Docket No. ER16-355-000, unpublished Letter Order issued January 6, 2016.

²⁷ Caprock Solar is also submitting the Tariff in RTF format with metadata attached in compliance with Order No. 714, *Electric Tariff Filings*, 73 Fed. Reg. 57515 (Oct. 3, 2008), FERC Stats. & Regs. ¶ 32,276 (2008).

tables of assets and long-term power purchase agreements in the format required in Order No. 816 (Attachment B), and a clean copy of the Tariff for posting in e-Library.

Caprock Solar notes that because it is not submitting market power analyses, the capacity of all generating plants under Duke Energy ownership or control is reported (nameplate and adjusted) in the Asset Appendix even if the capacity was not included in the most recent market-based rate triennial submission. Caprock Solar further notes that DEO has not included on the Long-Term PPA portion of the Asset Appendix the long-term supply arrangements that it enters into as a result of the “retail default-supplier auctions” that are conducted to arrange power to serve DEO’s non-shopping Ohio retail customers. The Duke Energy MBR companies previously have not included such purchases on the Asset Appendix because they do not convey to DEO control over generating assets. Indeed, the winning bidders typically are energy marketers who arrange power supplies only after they learn whether they were awarded any supply tranches in the auctions, and DEO has no contractual relationship with any of the winning bidders’ upstream suppliers.

Under these circumstances, it did not appear to Caprock Solar that Order No. 816 intended for applicants to report these type of arrangements on the Long-Term PPA table in Appendix B, because DEO neither has made long-term transmission reservations for these arrangements²⁸ nor do the arrangements confer upon DEO “significant economic

²⁸ DEO reserves and pays for network service under the PJM tariff, but DEO does not designate any of its retail default-supply agreements as “Network Resources.”

control over the power,” as the sellers and not DEO have the right to bid any excess energy into the PJM energy market.²⁹ Indeed, Caprock Solar could not find evidence that other utilities subject to state-required default-supply auction mechanisms such as used in Ohio that had submitted the new form of Asset Appendix had reported these types of auction purchases. The Duke Energy MBR companies are of course willing to report such PPAs if required, subject to any confidentiality requirements.³⁰

²⁹ Order No. 816 at 133.

³⁰ For example, under the Public Utilities Commission of Ohio rules, default supply auction contracts are made public on a delayed basis.

X. CONCLUSION

WHEREFORE, based on the foregoing, Caprock Solar respectfully requests that the Commission accept for filing Caprock Solar's Tariff Volume No. 1 and grant Caprock Solar authority to sell energy, capacity and ancillary services at market-based rates as requested herein.

Respectfully submitted,

/Steven J. Ross/

Steven J. Ross
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Attorneys for Caprock Solar 1 LLC

September 1, 2016
Attachments

CAPROCK SOLAR 1 LLC
MARKET BASED RATE TARIFF
TARIFF VOLUME NO. 1

Caprock Solar 1 LLC Market Based Rate Tariff

(Tariff Volume No. 1)

1. Availability: Caprock Solar 1 LLC (“Caprock 1” or “Seller”) makes electric energy and capacity and ancillary services available under this Tariff at market-based rates for wholesale sales to purchasers with whom Caprock 1 has contracted. All transactions under this Tariff shall be voluntary.

2. Applicability: This Tariff is applicable to all market-based wholesale sales of electric energy and capacity and ancillary services by Caprock 1 not otherwise subject to a particular rate schedule of Caprock 1.

3. Rates: All sales shall be made at rates established by agreement between the purchaser and Caprock 1.

4. Other Terms and Conditions: All other terms and conditions of sale shall be established by agreement between the purchaser and Caprock 1.

5. Ancillary Services

a. RTO/ISO Specific:

SPP: Seller offers regulation service, spinning reserve service, and non-spinning reserve service to the Southwest Power Pool (“SPP”) and to others that are self-supplying ancillary services to the SPP.

b. Third Party Provider:

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 Reserves. 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 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 open access transmission tariff 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.

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 Sales: Caprock 1 does not have authority under this Tariff to make sales within the Duke Energy Carolinas, LLC balancing authority area, the Duke Energy Progress balancing authority areas, or in Peninsular Florida (the "Mitigated Markets"). See *Duke Power, a Div. of Duke Energy Corp.*, 111 FERC ¶ 61,506, at P 61 (2005) (limitation on market-based rate sales within the Duke Energy Carolinas balancing authority area); *Florida Power Corp.*, 113 FERC ¶ 61,131, at P 17 (2005) (limitations on market-based rate sales within the Duke Energy Progress balancing authority areas and Peninsular Florida); see also *Duke Energy Corp.*, 136 FERC ¶ 61,245 (2011); *Duke Energy Corp.*, 139 FERC ¶ 61,194 (2012). Any sales by Caprock 1 within the Mitigated Markets will be made in accordance with the rate schedules approved by the Commission prior to Caprock 1 commencing such sales.

Peninsular Florida is defined for purposes of this Tariff as all of that portion of the State of Florida lying to the east of the Duke Energy Florida ("DEF") points of interconnection with Gulf Power Company, and to the south of the points of interconnection of those transmission lines jointly owned by Florida Power & Light Company and Jacksonville Electric Authority with Georgia Power Company and south of the points of interconnection of the City of Tallahassee and DEF with Georgia Power Company. See *DeSoto County Generating Co.*, 106 FERC ¶ 61,100 (2004).

b. Exemptions: The Commission granted Seller the following waivers and blanket authorization: (a) waiver 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; (b) waiver of the accounting and other requirements of Parts 41, 101 and 141, with the exception of 18 C.F.R. §§ 141.14 and 141.15; and (c) blanket approval as to Section 204 of the Federal Power Act and Part 34 of the Commission's regulations for all future issuances of securities and assumption of liabilities. See *Caprock Solar 1 LLC*, Docket No. ER16-____-000.

8. Seller Category: Seller is a Category 1 seller as defined in 18 C.F.R. § 35.36(a) in all regions.

FERC rendition of the electronically filed tariff records in Docket No. ER16-02527-000

Filing Data:

CID: C005348

Filing Title: MBR Tariff and Application

Company Filing Identifier: 1

Type of Filing Code: 400

Associated Filing Identifier:

Tariff Title: Tariffs, Rate Schedules and Service Agreements

Tariff ID: 1

Payment Confirmation:

Suspension Motion:

Tariff Record Data:

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

Tariff Volume No. 1, Market Based Rates Tariff, 0.0.0, A

Record Narrative Name:

Tariff Record ID: 1

Tariff Record Collation Value: 8388608 Tariff Record Parent Identifier: 0

Proposed Date: 2016-11-01

Priority Order: 1000000000

Record Change Type: NEW

Record Content Type: 1

Associated Filing Identifier:

CAPROCK SOLAR 1 LLC

MARKET BASED RATE TARIFF

TARIFF VOLUME NO. 1

Caprock Solar 1 LLC Market Based Rate Tariff

(Tariff Volume No. 1)

1. Availability: Caprock Solar 1 LLC (“Caprock 1” or “Seller”) makes electric energy and capacity and ancillary services available under this Tariff at market-based rates for wholesale sales to purchasers with whom Caprock 1 has contracted. All transactions under this Tariff shall be voluntary.

2. Applicability: This Tariff is applicable to all market-based wholesale sales of electric energy and capacity and ancillary services by Caprock 1 not otherwise subject to a particular rate schedule of Caprock 1.

3. Rates: All sales shall be made at rates established by agreement between the purchaser and Caprock 1.

4. Other Terms and Conditions: All other terms and conditions of sale shall be established by agreement between the purchaser and Caprock 1.

5. Ancillary Services

a. RTO/ISO Specific:

SPP: Seller offers regulation service, spinning reserve service, and non-spinning reserve service to the Southwest Power Pool (“SPP”) and to others that are self-supplying ancillary services to the SPP.

b. Third Party Provider:

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 Reserves. 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 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 open access transmission tariff 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.

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 Sales: Caprock 1 does not have authority under this Tariff to make sales within the Duke Energy Carolinas, LLC balancing authority area, the Duke Energy Progress balancing authority areas, or in Peninsular Florida (the "Mitigated Markets"). See *Duke Power, a Div. of Duke Energy Corp.*, 111 FERC ¶ 61,506, at P 61 (2005) (limitation on market-based rate sales within the Duke Energy Carolinas balancing authority area); *Florida Power Corp.*, 113 FERC ¶ 61,131, at P 17 (2005) (limitations on market-based rate sales within the Duke Energy Progress balancing authority areas and Peninsular Florida); see also *Duke Energy Corp.*, 136 FERC ¶ 61,245 (2011); *Duke Energy Corp.*, 139 FERC ¶ 61,194 (2012). Any sales by Caprock 1 within the Mitigated Markets will be made in accordance with the rate schedules approved by the Commission prior to Caprock 1 commencing such sales.

Peninsular Florida is defined for purposes of this Tariff as all of that portion of the State of Florida lying to the east of the Duke Energy Florida ("DEF") points of interconnection with Gulf Power Company, and to the south of the points of interconnection of those transmission lines jointly owned by Florida Power & Light Company and Jacksonville Electric Authority with Georgia Power Company and south of the points of interconnection of the City of Tallahassee and DEF with Georgia Power Company. See *DeSoto County Generating Co.*, 106 FERC ¶ 61,100 (2004).

b. Exemptions: The Commission granted Seller the following waivers and blanket authorization: (a) waiver 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; (b) waiver of the accounting and other requirements of Parts 41, 101 and 141, with the exception of 18 C.F.R. §§ 141.14 and 141.15; and (c) blanket approval as to Section 204 of the Federal Power Act and Part 34 of the Commission's regulations for all future issuances of securities and assumption of liabilities. See *Caprock Solar I LLC*, Docket No. ER16-____-000.

8. Seller Category: Seller is a Category 1 seller as defined in 18 C.F.R. § 35.36(a) in all regions.

Market-Based Rate Authority and Generation Assets

Filing Entity and its Energy Affiliates	Docket # where MBR authority was granted	Generation Name	Unit	Owned by	Controlled by	Date Transferred	Market/Balancing Authority Area	Geographic Region	In-Service Date	Capacity Rating: Nameplate (MW)	Capacity Rating: Used in Filing (MW)	Capacity Rating: Methodology Used in (L)	End Note (Enter text in End Note Tab)
Caprock Solar 1 LLC	ER16-1504	Caprock Solar 1	NA	Caprock Solar 1 LLC	Caprock Solar 1 LLC	NA	SPP	SPP	11/2016	25	25	N	
Cimarron Windpower II	ER12-1504	Cimarron	1	Cimarron Windpower II	Cimarron Windpower II	NA	SECI	SPP	6/2012	131	131	N	5
CiCap V, LLC	ER08-0055	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	N	
Colonial Eagle Solar, LLC	ER16-355	Passapatanz Solar	1	Colonial Eagle Solar, LLC	Colonial Eagle Solar, LLC	NA	PJM	Northeast	12/2014	20	20	N	
Colonial Eagle Solar, LLC	ER16-355	Kellford Solar	1	Colonial Eagle Solar, LLC	Colonial Eagle Solar, LLC	NA	PJM	Northeast	12/2015	23	23	N	
Colonial Eagle Solar, LLC	ER16-355	Whitakers Solar	1	Colonial Eagle Solar, LLC	Colonial Eagle Solar, LLC	NA	PJM	Northeast	12/2015	12	12	N	
Conetoe II Solar, LLC	ER16-141	Conetoe II Solar	1	Conetoe II Solar, LLC	NA	NA	PJM	Northeast	11/2015	80	80	N	
Duke Energy Beckjord, LLC	ER12-1946	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	S	
Duke Energy Beckjord Storage, LLC	ER15-255	Beckjord Storage	NA	Duke Energy Beckjord Storage, LLC	Duke Energy Beckjord Storage, LLC	NA	PJM	Northeast	7/1905	2	2	S	
Duke Energy Business Services, LLC	ER09-982	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	S	
Duke Energy Business Services, LLC	ER01-1920	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	S	
Duke Energy Carolinas, LLC	ER07-188	Dan River	CT8	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	12/2012	165	165	S	
Duke Energy Carolinas, LLC	ER07-188	Dan River	CT9	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	12/2012	166	166	S	
Duke Energy Carolinas, LLC	ER07-188	Dan River	ST7	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	12/2012	320	320	S	
Duke Energy Carolinas, LLC	ER07-188	Roofop Solar	NA	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	4/2010	9	9	S	
Duke Energy Carolinas, LLC	ER07-188	89 Islands	1-6	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	5/1910	12	9.5	S	
Duke Energy Carolinas, LLC	ER07-188	Allens	2	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	6/1957	167	162	S	
Duke Energy Carolinas, LLC	ER07-188	Allens	2	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	11/1957	167	162	S	
Duke Energy Carolinas, LLC	ER07-188	Allens	3	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	10/1959	270	261	S	
Duke Energy Carolinas, LLC	ER07-188	Allens	3	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	10/1960	282	276	S	
Duke Energy Carolinas, LLC	ER07-188	Allens	3	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	7/1961	275	266	S	
Duke Energy Carolinas, LLC	ER07-188	Bad Creek	1-2	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	5/1991	680	680	S	
Duke Energy Carolinas, LLC	ER07-188	Bad Creek	3-4	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	8/1991	680	680	S	
Duke Energy Carolinas, LLC	ER07-188	Beaver Creek	1	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	3/1964	9	9.5	S	
Duke Energy Carolinas, LLC	ER07-188	Belevs Creek	1	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	8/1974	1,110	1,110	S	
Duke Energy Carolinas, LLC	ER07-188	Belevs Creek	2	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	12/1975	1,110	1,110	S	
Duke Energy Carolinas, LLC	ER07-188	Bridgewater	1-3	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	5/1919	32	32	S	
Duke Energy Carolinas, LLC	ER07-188	Bryson City	1-2	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	1	1	1	S	
Duke Energy Carolinas, LLC	ER07-188	Buck	10	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	11/1911	320	316.8	S	
Duke Energy Carolinas, LLC	ER07-188	Buck	11	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	11/1911	185	178.3	S	
Duke Energy Carolinas, LLC	ER07-188	Buck	12	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	11/1911	185	175.1	S	
Duke Energy Carolinas, LLC	ER07-188	Catawba	1	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	6/1985	1,205	1,140	S	2
Duke Energy Carolinas, LLC	ER07-188	Catawba	2	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	8/1986	1,205	1,140	S	2
Duke Energy Carolinas, LLC	ER07-188	Cedar Cliff	1	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	1/1952	6	7	S	
Duke Energy Carolinas, LLC	ER07-188	Cedar Creek	1-3	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	8/1926	45	45	S	
Duke Energy Carolinas, LLC	ER07-188	Cliffside	5	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	8/1972	556	552	S	
Duke Energy Carolinas, LLC	ER07-188	Cliffside	6	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	12/2012	844	844	S	
Duke Energy Carolinas, LLC	ER07-188	Cowans Ford	4	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	4/1967	81	81	S	
Duke Energy Carolinas, LLC	ER07-188	Cowans Ford	1-3	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	8/1963	244	244	S	
Duke Energy Carolinas, LLC	ER07-188	Dearborn	1-3	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	3/1923	45	42	S	
Duke Energy Carolinas, LLC	ER07-188	Fishing Creek	1-5	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	11/1916	42	49	S	
Duke Energy Carolinas, LLC	ER07-188	Franklin	1	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	1/1958	1	1	S	
Duke Energy Carolinas, LLC	ER07-188	Gaston Shoals	3-4	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	8/1908	1	1	S	
Duke Energy Carolinas, LLC	ER07-188	Gaston Shoals	5	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	8/1908	1	1	S	
Duke Energy Carolinas, LLC	ER07-188	Great Falls	1-8	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	4/1907	12	12	S	
Duke Energy Carolinas, LLC	ER07-188	Jocassee	1-2	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	12/1973	390	390	S	
Duke Energy Carolinas, LLC	ER07-188	Jocassee	3-4	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	5/1975	390	390	S	
Duke Energy Carolinas, LLC	ER07-188	Kowasee	1-2	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	4/1971	152	152	S	
Duke Energy Carolinas, LLC	ER07-188	Lee	3	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	12/1958	175	170	S	
Duke Energy Carolinas, LLC	ER07-188	Lee	7-8	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	12/2007	108	82	S	
Duke Energy Carolinas, LLC	ER07-188	Lincoln	11-2	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	12/1995	219	158	S	
Duke Energy Carolinas, LLC	ER07-188	Lincoln	1-2	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	5/1995	219	158	S	
Duke Energy Carolinas, LLC	ER07-188	Lincoln	13-14	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	2/1996	219	158	S	
Duke Energy Carolinas, LLC	ER07-188	Lincoln	15-16	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	2/1996	219	158	S	
Duke Energy Carolinas, LLC	ER07-188	Lincoln	3-4	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	6/1995	219	158	S	
Duke Energy Carolinas, LLC	ER07-188	Lincoln	5-6	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	7/1995	219	158	S	
Duke Energy Carolinas, LLC	ER07-188	Lincoln	7-8	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	9/1995	219	158	S	
Duke Energy Carolinas, LLC	ER07-188	Lincoln	9-10	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	11/1995	219	158	S	
Duke Energy Carolinas, LLC	ER07-188	Lookout Shoals	1-3	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	12/1915	26	28	S	
Duke Energy Carolinas, LLC	ER07-188	Marshall	1	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	3/1955	380	380	S	
Duke Energy Carolinas, LLC	ER07-188	Marshall	2	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	3/1955	380	380	S	
Duke Energy Carolinas, LLC	ER07-188	Marshall	3	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	5/1969	658	658	S	
Duke Energy Carolinas, LLC	ER07-188	Marshall	4	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	5/1970	660	660	S	
Duke Energy Carolinas, LLC	ER07-188	McGuire	1	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	8/1981	1,220	1,158	S	
Duke Energy Carolinas, LLC	ER07-188	McGuire	2	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	3/1984	1,220	1,157	S	
Duke Energy Carolinas, LLC	ER07-188	Mill Creek	1-4	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	12/2002	399	298	S	
Duke Energy Carolinas, LLC	ER07-188	Mill Creek	5-8	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	2/2003	399	298	S	
Duke Energy Carolinas, LLC	ER07-188	Mission	3	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	11/1943	1	1	S	
Duke Energy Carolinas, LLC	ER07-188	Mountain Island	1-4	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	12/1923	62	62	S	
Duke Energy Carolinas, LLC	ER07-188	Nantahala	1	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	7/1942	43	50	S	
Duke Energy Carolinas, LLC	ER07-188	Oconee	1	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	7/1973	865	847	S	
Duke Energy Carolinas, LLC	ER07-188	Oconee	2	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	8/1974	872	848	S	
Duke Energy Carolinas, LLC	ER07-188	Oconee	3	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	12/1974	881	859	S	
Duke Energy Carolinas, LLC	ER07-188	Oxford	1-2	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	4/1928	36	41	S	
Duke Energy Carolinas, LLC	ER07-188	Queens Creek	1	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	1/1949	1	1	S	
Duke Energy Carolinas, LLC	ER07-188	Rhodhiss	1-3	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	2/1925	26	33	S	
Duke Energy Carolinas, LLC	ER07-188	Rockingham	1-5	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	6/2000	977	825	S	
Duke Energy Carolinas, LLC	ER07-188	Tennessee Creek	1	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	5/1955	11	10	S	
Duke Energy Carolinas, LLC	ER07-188	Thorns Creek	1	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	10/1941	22	20	S	
Duke Energy Carolinas, LLC	ER07-188	Tuckasee	1	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	5/1950	3	3	S	
Duke Energy Carolinas, LLC	ER07-188	Tuxedo	1-2	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	6/1920	5	6	S	
Duke Energy Carolinas, LLC	ER07-188	Waterlee	1-5	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	10/1919	56	85	S	
Duke Energy Carolinas, LLC	ER07-188	Wylie	1-4	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC	NA	DUK	Southeast	8/1925	60	72	S	
Duke Energy Commercial Enterprises, Inc.	ER01-1337	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Duke Energy Florida, LLC	ER97-2846	Anclote	1	Duke Energy Florida, LLC	Duke Energy Florida, LLC	NA	FPC	Southeast	10/1974	556	521	S	
Duke Energy Florida, LLC	ER97-2846	Anclote	2	Duke Energy Florida, LLC	Duke Energy Florida, LLC	NA	FPC	Southeast	10/1978	556	520	S	
Duke Energy Florida, LLC	ER97-2846	Avon Park	P1	Duke Energy Florida, LLC	Duke Energy Florida, LLC	NA	FPC	Southeast	12/1968	33.7	24	S	
Duke Energy Florida, LLC	ER97-2846	Avon Park	P2	Duke Energy Florida, LLC	Duke Energy Florida, LLC	NA	FPC	Southeast	12/1968	33.7	24	S	
Duke Energy Florida, LLC	ER97-2846	Bayboro	P1	Duke Energy Florida, LLC	Duke Energy Florida, LLC	NA	FPC	Southeast	4/1973	56.7	44	S	
Duke Energy Florida, LLC	ER97-2846	Bayboro	P2	Duke Energy Florida, LLC	Duke Energy Florida, LLC</								

Market-Based Rate Authority and Generation Assets

Filing Entity and its Energy Affiliates	Docket # where MBR authority was granted	Generation Name	Unit	Owned by	Controlled by	Date Control Transferred	Location		In-Service Date	Capacity Rating: Nameplate (MW)	Capacity Rating: Used in Filing (MW)	Capacity Rating Methodology Used in (L)	End Note (Enter text in End Note Tab)
							Market/Balancing Authority	Geographic Region					
Duke Energy Indiana, LLC	ER07-189	Clifty Creek	3	Indiana Kentucky Electric Corporation	Duke Energy Indiana, LLC	NA	OVEC	Central	7/1955	199	199	S	4
Duke Energy Indiana, LLC	ER07-189	Clifty Creek	4	Indiana Kentucky Electric Corporation	Duke Energy Indiana, LLC	NA	OVEC	Central	10/1955	199	199	S	4
Duke Energy Indiana, LLC	ER07-189	Clifty Creek	5	Indiana Kentucky Electric Corporation	Duke Energy Indiana, LLC	NA	OVEC	Central	11/1955	199	199	S	4
Duke Energy Indiana, LLC	ER07-189	Connersville	12	Indiana Kentucky Electric Corporation	Duke Energy Indiana, LLC	NA	MISO	Central	3/1956	199	199	S	4
Duke Energy Indiana, LLC	ER07-189	Edwardsport	1	Duke Energy Indiana, LLC	Duke Energy Indiana, LLC	NA	MISO	Central	5/1972	83.6	86	S	
Duke Energy Indiana, LLC	ER07-189	Gallagher	2	Duke Energy Indiana, LLC	Duke Energy Indiana, LLC	NA	MISO	Central	6/2013	804.5	595	S	
Duke Energy Indiana, LLC	ER07-189	Gallagher	4	Duke Energy Indiana, LLC	Duke Energy Indiana, LLC	NA	MISO	Central	12/1958	150	140	S	
Duke Energy Indiana, LLC	ER07-189	Gibson	1	Duke Energy Indiana, LLC	Duke Energy Indiana, LLC	NA	MISO	Central	3/1961	150	140	S	
Duke Energy Indiana, LLC	ER07-189	Gibson	2	Duke Energy Indiana, LLC	Duke Energy Indiana, LLC	NA	MISO	Central	5/1976	667.9	630	S	
Duke Energy Indiana, LLC	ER07-189	Gibson	3	Duke Energy Indiana, LLC	Duke Energy Indiana, LLC	NA	MISO	Central	6/1976	667.9	630	S	
Duke Energy Indiana, LLC	ER07-189	Gibson	4	Duke Energy Indiana, LLC	Duke Energy Indiana, LLC	NA	MISO	Central	3/1979	667.9	622	S	
Duke Energy Indiana, LLC	ER07-189	Gibson	5	Duke Energy Indiana, LLC	Duke Energy Indiana, LLC	NA	MISO	Central	10/1982	667.9	667.9	S	1
Duke Energy Indiana, LLC	ER07-189	Henry County	1	Duke Energy Indiana, LLC	Duke Energy Indiana, LLC	NA	MISO	Central	7/2001	45	43	S	
Duke Energy Indiana, LLC	ER07-189	Henry County	2-3	Duke Energy Indiana, LLC	Duke Energy Indiana, LLC	NA	MISO	Central	8/2001	90	86	S	
Duke Energy Indiana, LLC	ER07-189	Madison	1-8	Duke Energy Indiana, LLC	Duke Energy Indiana, LLC	NA	MISO	Central	6/2000	683.2	576	S	
Duke Energy Indiana, LLC	ER07-189	Markland	1	Duke Energy Indiana, LLC	Duke Energy Indiana, LLC	NA	MISO	Central	4/1967	21.6	15	S	
Duke Energy Indiana, LLC	ER07-189	Markland	2	Duke Energy Indiana, LLC	Duke Energy Indiana, LLC	NA	MISO	Central	1/1967	21.6	15	S	
Duke Energy Indiana, LLC	ER07-189	Markland	3	Duke Energy Indiana, LLC	Duke Energy Indiana, LLC	NA	MISO	Central	2/1967	21.6	15	S	
Duke Energy Indiana, LLC	ER07-189	Markland	4	Duke Energy Indiana, LLC	Duke Energy Indiana, LLC	NA	MISO	Central	6/1988	54	48	S	
Duke Energy Indiana, LLC	ER07-189	Markland	5	Duke Energy Indiana, LLC	Duke Energy Indiana, LLC	NA	MISO	Central	8/1969	18	16	S	
Duke Energy Indiana, LLC	ER07-189	Miami Wabash	6	Duke Energy Indiana, LLC	Duke Energy Indiana, LLC	NA	MISO	Central	7/1969	18	16	S	
Duke Energy Indiana, LLC	ER07-189	Noblesville	1	Duke Energy Indiana, LLC	Duke Energy Indiana, LLC	NA	MISO	Central	5/1967	8	8	S	
Duke Energy Indiana, LLC	ER07-189	Noblesville	2	Duke Energy Indiana, LLC	Duke Energy Indiana, LLC	NA	MISO	Central	12/1950	50	46	S	
Duke Energy Indiana, LLC	ER07-189	Noblesville	3-5	Duke Energy Indiana, LLC	Duke Energy Indiana, LLC	NA	MISO	Central	8/1960	50	46	S	
Duke Energy Indiana, LLC	ER07-189	Noblesville	6	Duke Energy Indiana, LLC	Duke Energy Indiana, LLC	NA	MISO	Central	6/2003	76	64	S	
Duke Energy Indiana, LLC	ER07-189	Vermillion	CT1-CT8	Duke Energy Indiana, LLC	Duke Energy Indiana, LLC	NA	MISO	Central	6/2000	683.2	640	S	3
Duke Energy Indiana, LLC	ER07-189	Wabash River	6	Duke Energy Indiana, LLC	Duke Energy Indiana, LLC	NA	MISO	Central	8/1968	387	318	S	
Duke Energy Indiana, LLC	ER07-189	Wabash River	7A-7C	Duke Energy Indiana, LLC	Duke Energy Indiana, LLC	NA	MISO	Central	5/1967	8	8	S	
Duke Energy Indiana, LLC	ER07-189	Wheatland	1-4	Duke Energy Indiana, LLC	Duke Energy Indiana, LLC	NA	MISO	Central	6/2000	540	460	S	
Duke Energy Kentucky, Inc.	ER07-190	East Bend	2	Duke Energy Kentucky, Inc.	Duke Energy Kentucky, Inc.	NA	PJM	Northeast	3/1981	669	600	S	
Duke Energy Kentucky, Inc.	ER07-190	Woodsdale	1	Duke Energy Kentucky, Inc.	Duke Energy Kentucky, Inc.	NA	PJM	Northeast	5/1993	81.6	77	S	
Duke Energy Kentucky, Inc.	ER07-190	Woodsdale	2+4	Duke Energy Kentucky, Inc.	Duke Energy Kentucky, Inc.	NA	PJM	Northeast	7/1992	163.2	154	S	
Duke Energy Kentucky, Inc.	ER07-190	Woodsdale	3+5+6	Duke Energy Kentucky, Inc.	Duke Energy Kentucky, Inc.	NA	PJM	Northeast	5/1992	244.8	231	S	
Duke Energy Ohio, Inc.	ER07-189	Kyger Creek	1	Ohio Valley Electric Corporation	Duke Energy Ohio, Inc.	NA	OVEC	Central	2/1955	199.0	199	S	4
Duke Energy Ohio, Inc.	ER07-189	Kyger Creek	2	Ohio Valley Electric Corporation	Duke Energy Ohio, Inc.	NA	OVEC	Central	6/1955	197.0	197	S	4
Duke Energy Ohio, Inc.	ER07-189	Kyger Creek	3	Ohio Valley Electric Corporation	Duke Energy Ohio, Inc.	NA	OVEC	Central	9/1955	197	197	S	4
Duke Energy Ohio, Inc.	ER07-189	Kyger Creek	4	Ohio Valley Electric Corporation	Duke Energy Ohio, Inc.	NA	OVEC	Central	11/1955	197	197	S	4
Duke Energy Ohio, Inc.	ER07-189	Kyger Creek	5	Ohio Valley Electric Corporation	Duke Energy Ohio, Inc.	NA	OVEC	Central	12/1955	197	197	S	4
Duke Energy Progress, LLC	ER99-2311	Ashville	1	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	5/1984	206.8	189	S	
Duke Energy Progress, LLC	ER99-2311	Ashville	2	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	5/1974	17.5	13	S	
Duke Energy Progress, LLC	ER99-2311	Ashville	GT1	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	6/1999	211.7	164	S	
Duke Energy Progress, LLC	ER99-2311	Ashville	GT2	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	6/2000	211.8	160	S	
Duke Energy Progress, LLC	ER99-2311	Blewett	1	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	6/1912	3.2	4.3	S	
Duke Energy Progress, LLC	ER99-2311	Blewett	2	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	6/1912	3.2	4.3	S	
Duke Energy Progress, LLC	ER99-2311	Blewett	3	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	6/1912	3.2	4.3	S	
Duke Energy Progress, LLC	ER99-2311	Blewett	4	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	6/1912	5	5	S	
Duke Energy Progress, LLC	ER99-2311	Blewett	5	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	6/1912	5	5	S	
Duke Energy Progress, LLC	ER99-2311	Blewett	6	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	6/1912	5	5	S	
Duke Energy Progress, LLC	ER99-2311	Blewett	GT1	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	5/1971	17.5	13	S	
Duke Energy Progress, LLC	ER99-2311	Blewett	GT2	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	5/1971	17.5	13	S	
Duke Energy Progress, LLC	ER99-2311	Blewett	GT3	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	5/1971	17.5	13	S	
Duke Energy Progress, LLC	ER99-2311	Blewett	GT4	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	5/1971	17.5	13	S	
Duke Energy Progress, LLC	ER99-2311	Brunswick	1	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	3/1977	1001.6	938	S	7
Duke Energy Progress, LLC	ER99-2311	Brunswick	2	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	11/1975	1001.6	932	S	7
Duke Energy Progress, LLC	ER99-2311	Darlington County	1	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	8/1974	66.8	52	S	
Duke Energy Progress, LLC	ER99-2311	Darlington County	2	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	8/1974	66.8	48	S	
Duke Energy Progress, LLC	ER99-2311	Darlington County	3	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	8/1974	66.8	52	S	
Duke Energy Progress, LLC	ER99-2311	Darlington County	4	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	8/1974	66.8	52	S	
Duke Energy Progress, LLC	ER99-2311	Darlington County	5	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	8/1974	66.8	52	S	
Duke Energy Progress, LLC	ER99-2311	Darlington County	6	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	8/1974	66.8	45	S	
Duke Energy Progress, LLC	ER99-2311	Darlington County	7	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	6/1975	66.8	51	S	
Duke Energy Progress, LLC	ER99-2311	Darlington County	8	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	8/1974	66.8	48	S	
Duke Energy Progress, LLC	ER99-2311	Darlington County	9	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	8/1974	66.8	52	S	
Duke Energy Progress, LLC	ER99-2311	Darlington County	10	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	8/1974	66.8	51	S	
Duke Energy Progress, LLC	ER99-2311	Darlington County	12	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	6/1977	158	118	S	
Duke Energy Progress, LLC	ER99-2311	Darlington County	13	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	6/1977	158	116	S	
Duke Energy Progress, LLC	ER99-2311	H B Robinson	2	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	3/1971	788.6	741	S	
Duke Energy Progress, LLC	ER99-2311	Harris	1	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	5/1987	950.9	928	S	8
Duke Energy Progress, LLC	ER99-2311	Lee	CT1A	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	12/2012	221	177	S	
Duke Energy Progress, LLC	ER99-2311	Lee	CT1B	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	12/2012	221	177	S	
Duke Energy Progress, LLC	ER99-2311	Lee	CT1C	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	12/2012	221	177	S	
Duke Energy Progress, LLC	ER99-2311	Lee	ST1	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	12/2012	405	378	S	
Duke Energy Progress, LLC	ER99-2311	L V Sutton	ST1	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	11/2013	288	264	S	
Duke Energy Progress, LLC	ER99-2311	L V Sutton	GT1	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	11/2013	221	179	S	
Duke Energy Progress, LLC	ER99-2311	L V Sutton	GT2	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	11/2013	221	179	S	
Duke Energy Progress, LLC	ER99-2311	Marshall	HC1	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	1/1985	2.5	2	S	
Duke Energy Progress, LLC	ER99-2311	Marshall	HC2	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	1/1985	2.5	2	S	
Duke Energy Progress, LLC	ER99-2311	Mayo	1	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	3/1983	736.8	727	S	9
Duke Energy Progress, LLC	ER99-2311	Roxboro	1	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	5/1966	410.8	379	S	10
Duke Energy Progress, LLC	ER99-2311	Roxboro	2	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	5/1968	657	671	S	10
Duke Energy Progress, LLC	ER99-2311	Roxboro	3	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	7/1973	745.2	691	S	10
Duke Energy Progress, LLC	ER99-2311	Roxboro	4	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	9/1980	745.2	698	S	10
Duke Energy Progress, LLC	ER99-2311	Smith	001	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	5/2001	211.8	157	S	
Duke Energy Progress, LLC	ER99-2311	Smith	002	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	5/2001	211.8	156	S	
Duke Energy Progress, LLC	ER99-2311	Smith	003	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	5/2001	211.8	155	S	
Duke Energy Progress, LLC	ER99-2311	Smith	004	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	5/2001	211.8	159	S	
Duke Energy Progress, LLC	ER99-2311	Smith	6	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	6/2002	195.3	153	S	
Duke Energy Progress, LLC	ER99-2311	Smith	7	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	6/2002	195.3	160	S	
Duke Energy Progress, LLC	ER99-2311	Smith	8	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	6/2002	195.3	157	S	
Duke Energy Progress, LLC	ER99-2311	Smith	ST4	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	6/2002	195.3	165	S	
Duke Energy Progress, LLC	ER99-2311	Smith	ST5	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	6/2011	271	250	S	
Duke Energy Progress, LLC	ER99-2311	Smith	9	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	6/2011	191.2	178	S	
Duke Energy Progress, LLC	ER99-2311	Smith	10	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	6/2011	191.2	178	S	
Duke Energy Progress, LLC	ER99-2311	Tillery	1	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	4/1935	22	21	S	
Duke Energy Progress, LLC	ER99-2311	Tillery	2	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	4/1935	22	18	S	
Duke Energy Progress, LLC	ER99-2311	Tillery	3	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	4/1935	22	21	S	
Duke Energy Progress, LLC	ER99-2311	Tillery	4	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	4/1967	22	24	S	
Duke Energy Progress, LLC	ER99-2311	W H Weatherspoon	GT1	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	5/1970	39.7	32	S	
Duke Energy Progress, LLC	ER99-2311	W H Weatherspoon	GT2	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	5/1970	39.7	32	S	
Duke Energy Progress, LLC	ER99-2311	W H Weatherspoon	GT3	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	4/1971	48.6	33	S	
Duke Energy Progress, LLC	ER99-2311	W H Weatherspoon	GT4	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	4/1971	48.6	31	S	
Duke Energy Progress, LLC	ER99-2311	Walters	1	Duke Energy Progress, LLC	Duke Energy Progress, LLC	NA	CPLW	Southeast	7/1930	36	36	S	
Duke Energy Progress, LLC	ER99-2311	Walters	2	Duke Energy Progress, LLC	Duke Energy Progress, LLC								

Electric Transmission Assets and Natural Gas Distribution Facilities

Filing Entity and its Energy Affiliates*	Asset Name and Use	Owned by*	Controlled by*
Duke Energy Carolinas, LLC	Combined 500kV Lines	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC
Duke Energy Carolinas, LLC	Combined 230kV Lines	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC
Duke Energy Carolinas, LLC	Combined 161kV Lines	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC
Duke Energy Carolinas, LLC	Combined 100 - 138kV Line	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC
Duke Energy Carolinas, LLC	Combined 66kV Lines	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC
Duke Energy Carolinas, LLC	Combined 44kV Lines	Duke Energy Carolinas, LLC	Duke Energy Carolinas, LLC
Duke Energy Indiana, LLC	Combined 345kV Lines	Duke Energy Indiana, LLC	MISO
Duke Energy Indiana, LLC	Combined 230kV Lines	Duke Energy Indiana, LLC	MISO
Duke Energy Indiana, LLC	Combined 138kV Lines	Duke Energy Indiana, LLC	MISO
Duke Energy Indiana, LLC	Combined 69kV Lines	Duke Energy Indiana, LLC	DEI
Duke Energy Ohio, Inc.	Combined 345kV Lines	Duke Energy Ohio, Inc.	PJM
Duke Energy Ohio, Inc.	Conesville-Hyatt 345kV	Duke Energy Ohio, Inc. (8.43%)	PJM
Duke Energy Ohio, Inc.	Conesville-Hyatt 345kV	Duke Energy Ohio, Inc. (16.86%)	PJM
Duke Energy Ohio, Inc.	Conesville-Hyatt 345kV	Duke Energy Ohio, Inc. (17.50%)	PJM
Duke Energy Ohio, Inc.	Combined 345kV Lines	Duke Energy Ohio, Inc. (28%)	PJM
Duke Energy Ohio, Inc.	Combined 345kV Lines	Duke Energy Ohio, Inc. (30%)	PJM
Duke Energy Ohio, Inc.	Combined 345kV Lines	Duke Energy Ohio, Inc. (30%)	PJM
Duke Energy Ohio, Inc.	Combined 345kV Lines	Duke Energy Ohio, Inc. (30%)	PJM
Duke Energy Ohio, Inc.	Zimmer-Port Union	Duke Energy Ohio, Inc. (33.33%)	PJM
Duke Energy Ohio, Inc.	Combined 345kV Lines	Duke Energy Ohio, Inc. (33.33%)	PJM
Duke Energy Ohio, Inc.	Hillcrest-Foster 345kV	Duke Energy Ohio, Inc. (50%)	PJM
Duke Energy Ohio, Inc.	Combined 345kV Lines	Duke Energy Ohio, Inc. (55%)	PJM
Duke Energy Ohio, Inc.	Combined 345kV Lines	Duke Energy Ohio, Inc. (50%)	PJM
Duke Energy Ohio, Inc.	Combined 345kV Lines	Duke Energy Ohio, Inc. (55%)	PJM
Duke Energy Ohio, Inc.	Combined 138kV Lines	Duke Energy Ohio, Inc.	PJM
Duke Energy Ohio, Inc.	Combined 69kV Lines	Duke Energy Ohio, Inc.	Duke Energy Ohio, Inc.
Duke Energy Kentucky, Inc.	Combined 69kV Lines	Duke Energy Kentucky, Inc.	Duke Energy Kentucky, Inc.
Miami Power Corporation	Combined 138kV Lines	Miami Power Corporation	PJM
Duke Energy Ohio, Inc.	Intrastate Gas Distribution	Duke Energy Ohio, Inc.	Duke Energy Ohio, Inc.
Duke Energy Kentucky, Inc.	Intrastate Gas Distribution	Duke Energy Kentucky, Inc.	Duke Energy Kentucky, Inc.

Transmission

Filing Entity and its Energy Affiliates*	Asset Name and Use	Owned by*	Controlled by*
Duke Energy Progress, LLC	Combined 500 kV Lines	Duke Energy Progress, LLC	Duke Energy Progress, LLC
Duke Energy Progress, LLC	Combined 230 kV Lines	Duke Energy Progress, LLC	Duke Energy Progress, LLC
Duke Energy Progress, LLC	Combined 115 kV Lines	Duke Energy Progress, LLC	Duke Energy Progress, LLC
Duke Energy Progress, LLC	Combined 500 kV Lines	Duke Energy Progress, LLC	Duke Energy Progress, LLC
Duke Energy Progress, LLC	Combined 230 kV Lines	Duke Energy Progress, LLC	Duke Energy Progress, LLC
Duke Energy Progress, LLC	Combined 115 kV Lines	Duke Energy Progress, LLC	Duke Energy Progress, LLC
Duke Energy Florida, LLC	Combined 500 kV Lines	Duke Energy Florida, LLC	Duke Energy Florida, LLC
Duke Energy Florida, LLC	Combined 230 kV Lines	Duke Energy Florida, LLC	Duke Energy Florida, LLC
Duke Energy Florida, LLC	Combined 115 kV Lines	Duke Energy Florida, LLC	Duke Energy Florida, LLC
Duke Energy Florida, LLC	Combined 69 kV Lines	Duke Energy Florida, LLC	Duke Energy Florida, LLC

Transmission

Filing Entity and its Energy Affiliates*	Asset Name and Use	Owned by*	Controlled by*
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Date Control Transferred	Balancing Authority Area	Geographic Region (per Appendix D)	Size
NA	DUK	Southeast	575.96 combined miles
NA	DUK	Southeast	1393.66 combined miles
NA	DUK	Southeast	106.79 combined miles
NA	DUK	Southeast	3600.69 combined miles
NA	DUK	Southeast	105.94 combined miles
NA	DUK	Southeast	2379.49 combined miles
2/1/2001	MISO	Central	850.03 combined miles
2/1/2001	MISO	Central	774.87 combined miles
2/1/2001	MISO	Central	1463.44 combined miles
NA	MISO	Central	2743.21 combined miles
1/1/2012	PJM	Central	99.82 combined miles
10/1/2004	PJM (AEP)	Northeast	11.35 miles
10/1/2004	PJM (AEP)	Northeast	56.98 miles
10/1/2004	PJM (AEP)	Northeast	14.88 miles
1/1/2012	PJM	Northeast	78.40 combined miles
1/1/2012	PJM	Northeast	114.15 combined miles
10/1/2004	PJM (AEP)	Northeast	169.43 combined miles
10/1/2004	PJM (DPL)	Northeast	121.18 combined miles
1/1/2012	PJM	Northeast	9.52 miles
10/1/2004	PJM (AEP)	Northeast	172.81 combined miles
1/1/2012	PJM	Northeast	3.2 miles
1/1/2012	PJM	Northeast	77.44 combined miles
10/1/2004	PJM (DPL)	Northeast	77.34 combined miles
10/1/2004	PJM (DPL)	Northeast	267.6 miles
1/1/2012	PJM	Central	627.64 combined miles
NA	PJM	Central	604.82 combined miles
NA	PJM	Northeast	106.98 combined miles
1/1/2012	PJM	Northeast	40.10 combined miles
NA	PJM	Northeast	5,685 combined miles
NA	PJM	Northeast	1,416 combined miles

Transmission

Date Control Transferred	Balancing Authority Area	Geographic Region (per Appendix D)	Size
N/A	CPLE	Southeast	292 combined miles
N/A	CPLE	Southeast	3271 combined miles
N/A	CPLE	Southeast	2226 combined miles
N/A	CPLW	Southeast	0 combined miles
N/A	CPLW	Southeast	56 combined miles
N/A	CPLW	Southeast	298 combined miles
N/A	FPC	Southeast	169 combined miles
N/A	FPC	Southeast	1632 combined miles
N/A	FPC	Southeast	998 combined miles
N/A	FPC	Southeast	2298 combined miles

Transmission

Date Control Transferred	Balancing Authority Area	Geographic Region (per Appendix D)	Size
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Duke Energy Indiana, LLC

ER07-189

ents (PPA)

Seller Name	Amount of PPA (MW)	Location
		Market/Balancing Authority Area
Apple Energy LLC	20.00	DUK
Apple Energy LLC	20.00	DUK
Blue Ridge Electric Membership Corporation	32	DUK
Blue Ridge Electric Membership Corporation	1.64	DUK
Blue Ridge Electric Membership Corporation	1.825	DUK
Blue Ridge Electric Membership Corporation	1.825	DUK
Blue Ridge Electric Membership Corporation	7.311	DUK
Town of Dallas, North Carolina	3	DUK
Town of Forest City, North Carolina	6.6	DUK
Town of Forest City, North Carolina	4.3	DUK
Haywood Electric Membership Corporation	4	DUK
Haywood Electric Membership Corporation	3	DUK
Haywood Electric Membership Corporation	1	DUK
Haywood Electric Membership Corporation	2	DUK
Haywood Electric Membership Corporation	3	DUK
Haywood Electric Membership Corporation	2	DUK
Haywood Electric Membership Corporation	0.926	DUK
City of Kings Mountain, North Carolina	3	DUK
City of Kings Mountain, North Carolina	6.5	DUK
Lockhart Power Company	0.85	DUK
Lockhart Power Company	0.8	DUK
Lockhart Power Company	1.1	DUK
North Carolina Electric Membership Corporation	2	DUK
Piedmont Electric Membership Corporation	16	DUK
Cherokee County Cogeneration Partners, LLC	86	DUK
Florida Power Development LLC	60	FPC
Southern Power Company	434	FPC
Shady Hills Power Company	519	FPC
Vandolah Power Company	651	FPC
Osprey Energy Center LLC	599	TEC
Craven County Wood Energy, LP	48	CPLE
The City of Camden, South Carolina	1.755	CPLE
The Public Works Commission of the City of Fayetteville, North Carolina	220	CPLE
Haywood Electric Membership Corporation	5	CPLE
Haywood Electric Membership Corporation	2	CPLE
North Carolina Electric Membership Corporation	57.5	CPLE
North Carolina Electric Membership Corporation	57.5	CPLE
North Carolina Electric Membership Corporation	57.5	CPLE
North Carolina Electric Membership Corporation	57.5	CPLE
North Carolina Electric Membership Corporation	57.5	CPLE
North Carolina Electric Membership Corporation	57.5	CPLE
North Carolina Electric Membership Corporation	56	CPLE
North Carolina Electric Membership Corporation	56	CPLE
North Carolina Electric Membership Corporation	56	CPLE
North Carolina Electric Membership Corporation	42	CPLE
North Carolina Electric Membership Corporation	49	CPLE
Southern Power	145	CPLE
Broad River Energy LLC	516	CPLE
Broad River Energy LLC	383	CPLE

Benton County Wind Farm

100.5

MISO

Geographic Region	Start Date (mo/da/yr)	End Date (mo/da/yr)	End Note Number (Enter text in End Note Tab)
Southeast	4/18/2013	4/30/2023	12
Southeast	11/13/2012	12/14/2022	13
Southeast	1/1/2010	12/31/2031	14
Southeast	1/1/2011	12/31/2021	15
Southeast	1/1/2011	12/31/2021	16
Southeast	1/1/2011	12/31/2021	17
Southeast	1/1/2010	12/31/2031	
Southeast	1/1/2009	12/31/2028	18
Southeast	1/1/2009	12/31/2028	19
Southeast	1/1/2009	12/31/2028	20
Southeast	1/1/2009	12/31/2031	21
Southeast	1/1/2009	12/31/2031	22
Southeast	1/1/2009	12/31/2024	
Southeast	1/1/2009	12/31/2021	
Southeast	1/1/2009	12/31/2019	
Southeast	1/1/2009	12/31/2021	
Southeast	1/1/2009	12/31/2031	
Southeast	1/1/2009	12/31/2018	23
Southeast	1/1/2009	12/31/2018	24
Southeast	1/1/2009	12/31/2023	25
Southeast	1/1/2009	12/31/2023	26
Southeast	1/1/2009	12/31/2023	27
Southeast	1/1/2013	12/31/2027	28
Southeast	1/1/2009	12/31/2031	29
Southeast	1/1/2013	12/31/2020	30
Southeast	7/10/2009	5/20/2034	31
Southeast	6/1/2016	5/31/2021	32
Southeast	4/1/2007	4/20/2024	33
Southeast	6/1/2012	5/31/2027	34
Southeast	10/1/2014	1/2/2017	35
Southeast	8/19/2010	1/1/2018	36
Southeast	1/1/2014	12/31/2020	37
Southeast	1/1/2012	6/30/2021	38
Southeast	1/1/2009	12/31/2031	39
Southeast	1/1/2009	12/31/2031	
Southeast	1/1/2013	12/31/2032	40
Southeast	1/1/2013	12/31/2032	41
Southeast	1/1/2013	12/31/2032	42
Southeast	1/1/2013	12/31/2032	43
Southeast	1/1/2013	12/31/2032	44
Southeast	1/1/2013	12/31/2032	45
Southeast	1/1/2013	5/30/2019	46
Southeast	1/1/2013	5/30/2019	47
Southeast	1/1/2013	5/30/2019	48
Southeast	1/1/2013	12/31/2032	
Southeast	1/1/2013	12/31/2032	49
Southeast	1/1/2010	12/31/2019	50
Southeast	6/1/2001	5/31/2021	51
Southeast	6/12/2001	2/28/2022	52

Central

1/1/2008

12/31/2028

53

End Notes

- 1-DEI owns or controls 50.05% of Gibson 5's 620 MW total capacity.
- 2-DEC owns or controls 19.246% of each of Catawba 1's 1140 MW total capacity, and Catawba 2's 1129 MW total ca
- 3-DEI owns or controls 62.5% of Vermillion's 640 MW total capacity.
- 4-DEI owns or controls 9% of each of the Clifty Creek facilities' total 199 MW capacity, and DEO owns or controls 9%
- 5-Duke's affiliate Ironwood-Cimarron Holdings owns or controls 50% of Cimarron's 131.1 MW total capacity.
- 6-Duke's affiliate Ironwood-Cimarron Holdings owns or controls 50% of Ironwood's 167.9 MW total capacity.
- 7-DEP owns or controls 81.67% of each of Brunswick 1's 938 MW total capacity, and Brunswick 2's 932 MW total cap
- 8-DEP owns or controls 83.83% of Harris 1's 900 MW total capacity.
- 9-DEP owns or controls 83.83% of Mayo 1's 727 MW total capacity.
- 10-DEP owns or controls 96.30% of each of Roxboro 1's 364 MW total capacity, Roxboro 2's 659 MW total capacity, I
- 11-These units support the combined cycle configuration for the below identified unit. Therefore there is no capacity I
- 12-Unit Specific - Apple
- 13-Unit Specific - Apple
- 14-Unit Specific - Catawba Nuclear
- 15-Unit Specific - New River Diesel 1
- 16-Unit Specific - New River Diesel 2
- 17-Unit Specific - New River Diesel 3
- 18-Unit Specific - Park Road
- 19-Unit Specific - Lawing Road
- 20-Unit Specific - Beaver Street
- 21-Unit Specific - Anson and Hamlet
- 22-Unit Specific - Catawba Nuclear
- 23-Unit Specific - York Road
- 24-Unit Specific - Gaston Street
- 25-Unit Specific - Bypass/Diversion/Min Flow
- 26-Unit Specific - Lower Pacolet
- 27-Unit Specific - Upper Pacolet
- 28-Unit Specific - DEC-NCCEMC small diesel generators
- 29-Unit Specific - Catawba Nuclear
- 30-Unit Specific - Cherokee Cogeneration
- 31-Unit Specific - Brooksville Power Plant
- 32-Unit Specific - Franklin 1
- 33-Unit Specific - GE
- 34-Unit Specific - Northern Star
- 35-Unit Specific - Osprey
- 36-Unit Specific - Craven County Wood Energy
- 37-Unit Specific - Camden diesel generators
- 38-Unit Specific - Butler-Warner
- 39-Unit Specific - Anson and Hamlet
- 40-Unit Specific - Anson 1
- 41-Unit Specific - Anson 2
- 42-Unit Specific - Anson 3
- 43-Unit Specific - Anson 4
- 44-Unit Specific - Anson 5
- 45-Unit Specific - Anson 6
- 46-Unit Specific - Hamlet 1
- 47-Unit Specific - Hamlet 4
- 48-Unit Specific - Hamlet 5
- 49-Unit Specific - DEP-NCCEMC small diesel generators
- 50-Unit Specific - Rowan
- 51-Unit Specific - Broad River Energy Units 1-3
- 52-Unit Specific - Broad River Energy Units 4-5

53-Unit Specific - Benton County Wind Farm

capacity. DEC controls an additional 50 MW of capacity from Catawba from purchases from Blue Ridge EMC, Piedmont EMC, and
of Kyger Creek 1's total 199 MW capacity, and 9% of each of Kyger Creek 2 through Kyger Creek 5's total 197 MW capacity.

capacity.

Roxboro 3's 696 MW total capacity, and Roxboro 4's 698 MW total capacity.
listed for these units.

id Haywood EMC.

Document Content(s)

Caprock Solar 1 MBR application_09.1.16 FINAL.PDF.....	1-16
Caprock Solar 1 MBR Tariff (Final 9.1.16).PDF.....	17-20
FERC GENERATED TARIFF FILING.RTF.....	21-24
Appendix B (final 8.30.2016) Other Attachment.XLS.....	25-43