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KAREN KEMERAIT
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March 28, 2019

Ms. Lynn Jarvis
Chief Clerk
North Carolina Utilities Commission
Room 5063
430 N. Salisbury Street
Raleigh, NC 27603

Re: Pre-Filed Direct Testimony of Linda Nwadike
In the Matter of Application of Albemarle Beach Solar, LLC
for a Certificate of Public Convenience and Necessity to Construct
a 80-MW Solar Facility in Washington County, North Carolina
NCUC Docket Nos. EMP-103, Sub 0

Dear Ms. Jarvis:

In regard to the above referenced matter and on behalf of Albemarle Beach Solar, LLC, we hereby submit the attached Pre-Filed Direct Testimony of Linda Nwadike,, Project Manager for SunEnergy1, LLC, parent company of Albemarle Beach Solar, LLC, and Exhibits 2 through 4 thereto.

Exhibit 1 to the Testimony, SunEnergy1, LLC's Financial Report for the nine months ended September 30, 2018, will be filed confidentially under separate cover.

A Pennsylvania Limited Liability Partnership

California Colorado Delaware District of Columbia Florida Georgia Illinois Minnesota
Nevada New Jersey New York North Carolina Pennsylvania South Carolina Texas Washington



Fox Rothschild ^{LLP}
ATTORNEYS AT LAW

Ms. Lynn Jarvis
March 28, 2019
Page 2

If you should have any questions concerning this filing, please do not hesitate to contact me.

Sincerely,

/s/ Karen M. Kemerait

Karen M. Kemerait

OFFICIAL COPY

Mar 28 2019

**BEFORE THE
NORTH CAROLINA UTILITIES COMMISSION
ALBEMARLE BEACH SOLAR, LLC
DOCKET NO. EMP-103, SUB 0**

**PRE-FILED DIRECT TESTIMONY
OF
LINDA NWADIKE**

March 28, 2019

1 INTRODUCTION

2 Q. PLEASE STATE YOUR NAME, TITLE, AND BUSINESS ADDRESS.

3 .A. My name is Linda Nwadike. I am a Project Manager for SunEnergy1, LLC
4 (“SunEnergy1” or the “Company”), an affiliate of the Applicant Albemarle Beach
5 Solar, LLC (“Albemarle Beach Solar” or “Applicant”). Albemarle Beach Solar is
6 a North Carolina limited liability company that was formed on May 29, 2015. My
7 business address is 192 Raceway Drive, Mooresville, North Carolina 28117.

8

9 Q. PLEASE DESCRIBE YOUR EDUCATION AND PROFESSIONAL
10 EXPERIENCE.

11 A. I obtained a Bachelor of Science degree in Chemical Engineering with a
12 concentration in Biological Technology, and I am a licensed project manager
13 professional.

14

15 Prior to joining SunEnergy1, I worked in the nuclear energy industry as a project
16 manager and instrumentation and controls engineer. I worked with many large-
17 scale utility providers, including Duke Energy Progress, LLC, Duke Energy
18 Carolinas, LLC, Virginia Electric and Power Company d/b/a Dominion Energy
19 North Carolina (“Dominion”), Florida Power & Light Company, and NextEra
20 Energy, Inc. on various projects. I have also conducted material procurement and
21 logistics on various oil and gas projects.

22

1 At SunEnergy1, I conduct project development and permitting activities for utility-
2 scale solar renewable energy facilities. I am the liaison between SunEnergy1 and
3 local community and government officials, and I present information about projects
4 to local government officials at quasi-judicial public hearings and to adjacent
5 property owners at community meetings. I obtain federal, state, and local permits
6 necessary for the solar facilities, and I coordinate and lead the SunEnergy1's project
7 development team and sub-contractors in relation to achieving project goals.

8
9 **Q. PLEASE SUMMARIZE YOUR CURRENT RESPONSIBILITIES WITH**
10 **SUNENERGY1.**

11 **A.** My current employment responsibilities are as follows:

- 12
- 13 • Conduct project development and permitting activities on utility-scale solar
14 renewable energy facilities.
- 15 • Lobby and act as the liaison between SunEnergy1 and local community and
16 government officials.
- 17 • Present SunEnergy1 projects at quasi-judicial public hearings and community
18 meetings.
- 19 • Communicate and perform required activities needed to obtain federal, state,
20 and local permits.
- 21 • Work with federal, state, and local governmental agencies, including mayors,
22 county managers, boards of commissioners, and planning boards on solar
23 projects.
- 24 • Coordinate and lead internal project development team and sub-contractors
25 across broad technical, financial, and business disciplines to achieve project
26 goals.
- 27 • Focus team on project objectives, and track progress to ensure project
28 milestones are completed on time, on budget, and with the desired outcome.
- 29 • Anticipate and manage changes effectively in a rapidly evolving business
30 environment.
- 31 • Report and escalate issues to upper management and stakeholders as needed.

1 Q. HAVE YOU PREVIOUSLY TESTIFIED BEFORE THIS COMMISSION?

2 A. No

3

4 Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?

5 A. To satisfy the requirements of Commission Rule R8-63 under which this
6 Application for a Certificate of Public Convenience and Necessity ("CPCN") is
7 being requested.

8

9 Q. PLEASE STATE THE PARENT COMPANY OF THE APPLICANT.

10 A. As mentioned previously, SunEnergy1 is the parent company of the Applicant.

11

12 COMPANY BACKGROUND AND PROJECT FINANCE

13 Q. PLEASE DESCRIBE THE COMPANY'S PERSONNEL, TECHNICAL
14 EXPERIENCE, AND FINANCIAL CAPABILITY TO OWN AND
15 OPERATE THE PROJECT.

16 A. SunEnergy1 is a top five U.S. solar developer, owner, and operator of utility-scale
17 solar projects with close to 1 GW of installed solar power. SunEnergy1 has
18 pioneered large-scale solar power on the East Coast for nearly a decade, and has
19 developed numerous record-breaking solar projects in the region. SunEnergy1 is
20 vertically integrated and controls all stages of development in-house. SunEnergy1
21 has the financial strength to own and maintain a 5 GW pipeline of solar-ready
22 development sites and over 250 MW of owned solar facilities. SunEnergy1's

1 financial statements are filed confidentially and under seal as Confidential Exhibit
2 1.

3
4 SunEnergy1's professional team works closely with manufacturers, utilities, and
5 industry groups to ensure the safety, performance, and cost efficiency of its
6 projects. The Company's employees work closely with the National Electric Code
7 (NEC), National Fire Protection Association (NFPA) 70E, and other government
8 agencies to ensure that safety in the solar industry continues to improve.

9
10 Kenny Habul, SunEnergy1's CEO and President, has been involved in photovoltaic
11 ("PV") solar and solar thermal since 1996, and has established himself as a leader
12 in the field of sustainable construction technologies. Prior to forming SunEnergy1,
13 Mr. Habul was a partner in Habul Brothers Luxury Home Construction, one of the
14 most prominent and innovative builders in Queensland, Australia. Mr. Habul has
15 vast experience in commercial and residential construction, and has a passion for
16 sustainable construction practices and solar energy. He holds a Bachelor of Laws
17 degree from Bond University in Australia.

18
19 Bradley Fite is SunEnergy1's Chief Operations Officer, and he holds an
20 Unlimited/Master Electrical License in multiple states. He is certified through the
21 Underwriter's Laboratory (UL) as a professional PV installer and holds several
22 certifications through the North American Board of Certified Energy Practitioners

1 (NABCEP). He is an active member of the Institute of Electrical and Electronics
2 Engineers Association (IEEE) and NFPA, and he works closely with utilities and
3 manufacturers to stay on the leading edge of the PV industry. Mr. Fite is directly
4 involved with all aspects of the Company and oversees projects from the initial
5 development through construction, operations, and maintenance. He has over 20
6 years of construction experience, and has built more than 500 MW AC of solar
7 PV projects.

8
9 Kevin Chen is SunEnergy1's Chief Commercial Officer. Prior to joining
10 SunEnergy1, he had a number of leadership positions in the power industry. He
11 has worked in the business from leading global technology and equipment supply,
12 large utility transmission and distribution operation, and generation project
13 development. His solar development experience has grown from 250 MW of DG
14 portfolio to community solar and utility-scale projects. Mr. Chen received his
15 master's degree in electric power from Iowa State University and his MBA from
16 University of California at Los Angeles.

17
18 Brian Kennedy, is SunEnergy1's Vice President of Business Development, and he
19 brings over 25 years of energy industry experience to SunEnergy1. Prior to
20 joining the Company, Mr. Kennedy initiated and established the solar enterprise
21 for the largest utility company in the country. As such, he was directly
22 responsible for the development of dozens of utility-scale solar projects across the

1 country, totaling nearly 1 GW of installed capacity and representing over \$1
2 billion worth of investment. Mr. Kennedy holds an MBA from Xavier
3 University.

4
5 Joel Sossamon is SunEnergy1's Vice President of Field Operations. He has held
6 an unlimited electrical license in the State of North Carolina for more than three
7 decades, and is responsible for the overall management of the solar installation
8 projects for SunEnergy1 from ground-mount systems to rooftop arrays. He brings
9 more than 40 years of electrical contracting experience in both commercial and
10 industrial settings. Mr. Sossamon is adept at managing large teams of personnel
11 and contractors to ensure SunEnergy1's projects are built to the highest standards
12 and with the utmost efficiency.

13
14 **Q. WHAT IS THE CONSTRUCTION TIMELINE FOR THE FACILITY?**

15 **A.** The project is projected to be placed in-service in various phases before December
16 2020.

17
18 **SITE AND FACILITY DESCRIPTION**

19 **Q. WHERE IS THE PROJECT LOCATED?**

20 **A.** The project is located south side of Mackeys Road, east/west of Cross Road, and
21 northeast of Woodlawn Road, in the Town of Roper, Washington County, North
22 Carolina.

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Q. WHAT IS THE CURRENT LAND USE AND ANTICIPATED USE?

A. The project will be located on several parcels in Washington County, North Carolina in the location described above and as shown on layout map attached hereto as Exhibit 2. The site is comprised of rural land, some of which is utilized for agricultural purposes. SunEnergy1’s affiliate, VL Director Land Holdings, LLC, owns the majority of the site and has site control of the parcels. VL Director Land Holdings, LLC has provided Albemarle Beach Solar with the right to develop and use the property for solar energy purposes, including the installation of solar panels, inverters, transformers, and other elements of the facility described in the Application.

Q. HOW WILL THE PROJECT BE INTERCONNECTED TO THE GRID?

A. Albemarle Beach Solar will interconnect with the Dominion transmission grid, and Albemarle Beach Solar will sell the electricity generated at its facility at wholesale to a retail customer.

Q. WHAT IS THE FACILITY’S ANTICIPATED ELECTRICITY PRODUCTION CAPACITY?

A. The maximum gross power production capacity of the facility is 80 MW.

1 Q. PLEASE DESCRIBE THE BASIC COMPONENTS OF THE FACILITY.

2 A. Albemarle Beach Solar is an 80-MW PV array, and the source of its power is solar
3 energy. The facility is a single-axis tracking, ground-mounted solar PV system,
4 and the facility will be comprised of solar panels, inverters, transformers, racking,
5 posts, wiring, utility poles, communication poles, security camera, collector station,
6 and accessories.

7
8 Q. PLEASE EXPLAIN THE NEED FOR THE FACILITY.

9 A. Please see the Officer's Certificate and Digital Realty Press Release filed as Exhibit
10 3. As noted in the Release, Digital Realty, a leading global provider of data center,
11 colocation and interconnection solutions, has entered into a purchase power
12 agreement ("PPA") on behalf of Facebook to support Facebook's renewable energy
13 goals at data center facilities leased from Digital Realty. SunEnergy1 and Digital
14 Realty have entered into a long-term PPA for SunEnergy1 to deliver 80 MW of
15 solar power capacity to Facebook. Under the terms of the agreement, all renewable
16 energy certificates and environmental claims will be delivered to Facebook.

17

18 **REGULATORY APPROVALS AND PERMITS**

19

20 Q. DOES WASHINGTON COUNTY HAVE A SOLAR ENERGY
21 ORDINANCE?

22

1 A. Yes. Washington County adopted its Solar Development Ordinance on July 7,
2 2014 as Article 13 of the Zoning Ordinance for Washington County. The Solar
3 Development Ordinance was adopted by the Washington County Board of
4 Commissioners pursuant to the authority and provisions of N.C. Gen. Stat. §
5 153A-121 (general ordinance-making power), N.C. Gen. Stat. § 153A-340 (grant
6 of power), and other applicable law, provided nothing shall be interpreted to
7 conflict with or supersede any provision of N.C. Gen. Stat. § 153A-144
8 (limitations on regulating solar collectors). The Solar Development Ordinance
9 was further amended, and the amendments were adopted and approved by the
10 Washington County Board of Commissioners on December 7, 2015.

11
12 **Q. DESCRIBE THE PERMITS AND APPROVALS YOU ANTICIPATE**
13 **WILL BE NECESSARY TO COMMENCE CONSTRUCTION OF THE**
14 **FACILITY.**

15 A. Albemarle Beach Solar has obtained a Special Use Permit (“SUP”), as required
16 by the Washington County zoning requirements. The Washington County Board
17 of Commissioners, which has final authority to approve the SUP, unanimously
18 voted to approve the SUP at a public hearing, and the final Order approving the
19 SUP is attached hereto as Exhibit 4. In addition to the SUP, Washington County
20 participates in the National Flood Insurance Program and enforces a Flood
21 Damage Prevention Ordinance that requires a Floodplain Development Permit to
22 be issued for all development located in the Special Flood Hazard Area (“SFHA”)

1 within its jurisdiction. Washington County's Floodplain Administrator will
2 review and advise if permits will be needed for each part of the project within the
3 SFHA. Albemarle Beach Solar will also obtain a Building Permit from
4 Washington County.

5
6 From the State of North Carolina, the facility will require a driveway permit from
7 the North Carolina Department of Transportation, and approval of an erosion and
8 sedimentation control plan from the NC Department of Environmental Quality
9 ("NCDEQ").

10
11 In regard to federal permits and approvals, Albemarle Beach Solar has submitted
12 a self-certification package to United States Fish and Wildlife Service
13 ("USFWS") for a wildlife analysis, which was approved by the USFWS on
14 November 30, 2018. Additionally, Phase I and Phase II cultural resource
15 assessments were conducted on the original footprint of the project on September
16 1, 2016. A Phase I assessment on the new parcels is currently being conducted. A
17 wetland delineation for the entire site was confirmed by the US Army Corps of
18 Engineers ("USACE") in November, 2019. Albemarle Beach Solar has received a
19 preliminary jurisdictional determination from the USACE.

20
21 Additionally, Albemarle Beach Solar may apply for a Market-Based Rate
22 Authorization from the Federal Energy Regulatory Commission ("FERC"),

1 pursuant to Sections 205 and 206 of the Federal Power Act, and may seek to self-
2 certify with FERC as an Exempt Wholesale Generator pursuant to the Public
3 Utility Holding Company Act of 2005. The facility will also be registered as a
4 Generator-Owner with the North American Electric Reliability Corporation
5 (“NERC”).
6

7 COMMUNITY

8 **Q. PLEASE DESCRIBE THE ANTICIPATED BENEFITS OF THE**
9 **FACILITY TO FACEBOOK AND THE LOCAL COMMUNITY.**

10 A. The Albemarle Beach Solar facility will benefit Facebook by enabling Facebook
11 to meet its renewable energy goal of supporting all of its operations with 100%
12 renewable energy. With delivery of renewable energy from the SunEnergy1
13 facility to Facebook, Facebook’s quality standards for new renewable energy
14 projects within the same power grid as the data center load will be met.
15

16 The Albemarle Beach Solar facility also bring a variety of financial benefits to
17 Washington County. Albemarle Beach Solar anticipates that the County will
18 realize property and real estate tax revenues from the project. Aside from these
19 financial benefits, Albemarle Beach Solar will also create community benefits.
20 Albemarle Beach Solar will enhance the County’s reputation as an attractive and
21 friendly environment for advanced manufacturing, technology, and related jobs.
22 Local contractors and businesses such as installation, fencing, landscaping, and

1 machine rental companies will receive sales opportunities from the facility
2 construction and operations. During the approximately year-long construction
3 process, the facility will offer full-time construction jobs. Albemarle Beach Solar
4 expects to hire up to 1,200 workers for the duration of the construction phase.
5 Increased economic activity in the area is expected to increase revenue for local
6 hotels, restaurants, service stores, and other vendors.

7
8 **Q. WHAT ARE THE EXPECTED ENVIRONMENTAL IMPACTS OF THE**
9 **FACILITY?**

10 A. By design and by its nature as a solar PV facility, the facility will provide clean
11 renewable power with minimal environmental impacts. The facility will create no
12 air or water emissions and no environmental contamination. There will be no
13 noise impact after construction outside of the fence line. At the end of the
14 facility's useful life, materials can be recycled or sold for scrap, and the land can
15 be returned to agricultural use.

16
17 **OFF-TAKE PLANS**

18 **Q. WHAT ARE THE LONG-TERM PLANS FOR OWNERSHIP OF THE**
19 **PROJECT?**

20 A. Currently, Albemarle Beach Solar will own 100% of the generated power from this
21 project. In the event of any change in ownership interest, the Applicant will notify
22 the Commission.

1

2 Q. DOES THIS CONCLUDE YOUR TESTIMONY?

3 A. Yes.

4

1 STATE OF NORTH CAROLINA
2
3 COUNTY OF IREDELL

4
5 VERIFICATION
6

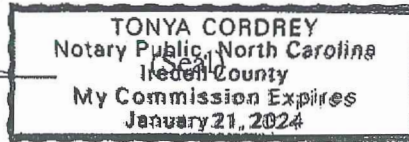
7 I, Linda Nwadike, being first duly sworn, depose and say that I am duly
8 authorized to act on behalf of Albemarle Beach Solar, LLC as Project Manager for
9 SunEnergy1, LLC, an affiliate of the Petitioner; that I have read the foregoing Pre-
10 Filed Direct Testimony and that the same is true and accurate to my personal
11 knowledge and belief.

12 This 28th day of March, 2019.
13

14 
15 _____
16 Linda Nwadike
17 SunEnergy1, LLC
18

19 Sworn to and subscribed to before me
20 this 27th day of March, 2019.

21 _____
22 
23 Notary Public (Signature)



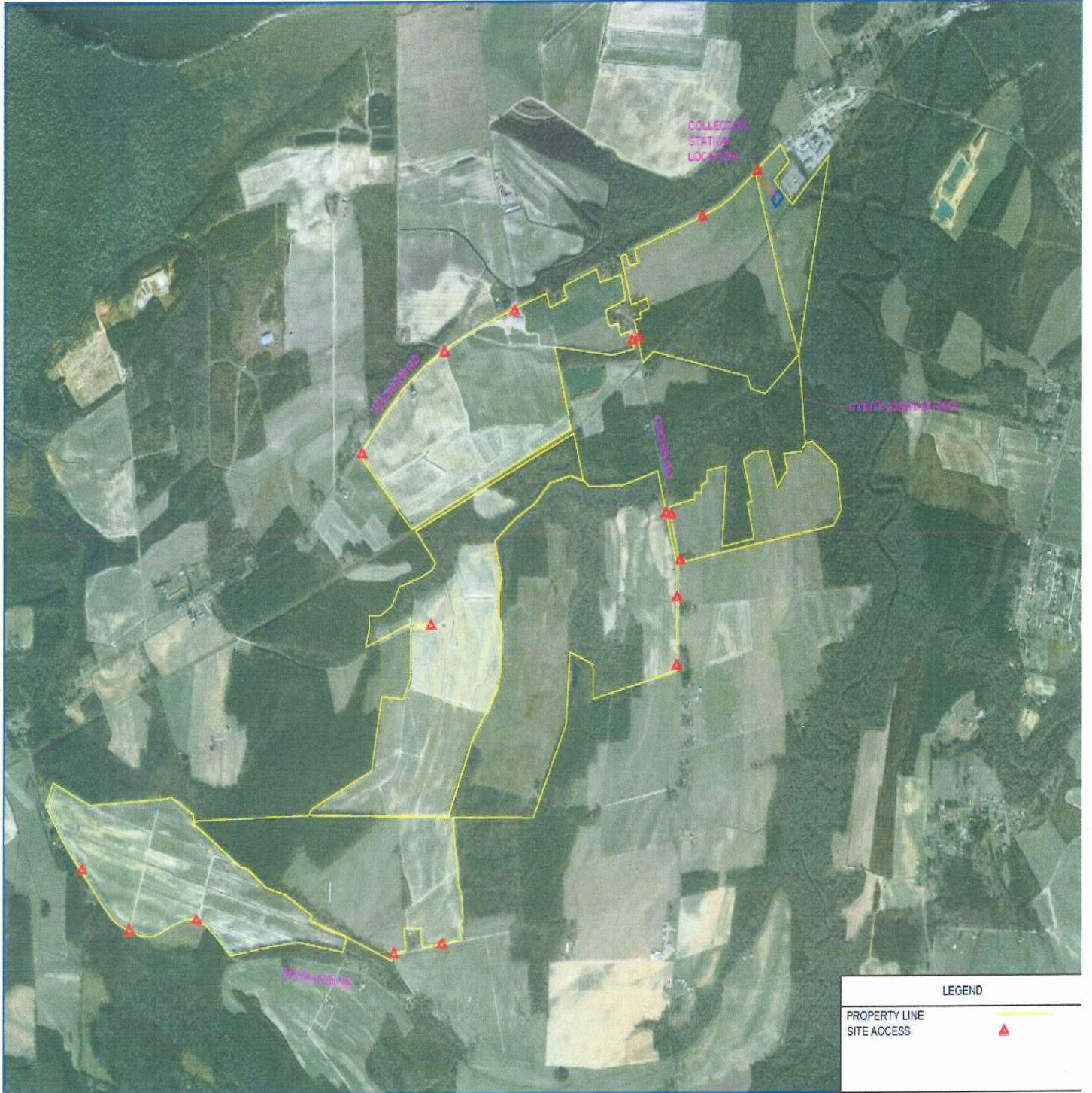
24
25 Tonya Cordrey
26 Notary Public (Printed)

27
28 My Commission Expires: 1-21-24
29
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Albemarle Beach Solar, LLC
CPCN Amendment – Final Layout

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Mar 28 2019



192 Raceway Drive, Mooresville, NC 28117 · Phone: 704.662.0375 · info@sunenergy1.com

Albemarle Beach Solar, LLC

Digital Realty and Facebook Announce Renewable Energy Virtual Power Purchase Agreement

NEWS PROVIDED BY

Digital Realty →

Jan 24, 2019, 09:00 ET

SAN FRANCISCO, Jan. 24, 2019 /PRNewswire/ -- Digital Realty (NYSE: DLR), a leading global provider of data center, colocation and interconnection solutions, announced today the signing of a virtual power purchase agreement on behalf of Facebook, Inc., to support Facebook's renewable energy goals at data center facilities leased from Digital Realty. Under the agreement, Digital Realty has executed a long-term renewable power purchase contract to secure approximately 80 megawatts of solar power capacity for Facebook. Digital Realty contracted with SunEnergy1, which has developed and will own and operate the solar project, to be located within Virginia Electric and Power Company territory in North Carolina. Under the terms of the agreement, all renewable energy certificates and environmental claims will be delivered to Facebook.

This agreement marks the first back-to-back utility-scale renewable energy transaction between a data center provider landlord utilizing a virtual power purchase agreement to underpin the renewable energy supply dedicated to a

customer. Digital Realty worked in partnership with Facebook to structure the transaction to align with Facebook's quality standards for new renewable energy projects within the same power grid as the data center load.

"Our scale and position as a leader in data center sustainability enabled us to execute this first of its kind agreement in support of Facebook's sustainability goals," said Digital Realty Chief Executive Officer A. William Stein. "Many of our customers have specific renewable energy requirements, and we work diligently to provide cost-competitive solutions tailored to their needs. We were able to take Facebook's quality standards and timeline into consideration and deliver this solution in a competitive marketplace and at a competitive price. We are very pleased to be part of the solution enabling Facebook to achieve its renewable energy goals."

"Facebook is committed to supporting all of its operations with 100% renewable energy and to improving overall access to renewable markets," said Bobby Hollis, Director of Global Energy and Site Selection at Facebook. "We are thrilled Digital Realty has entered into this agreement and hope this will serve as a model for other colocation customers seeking to support their operations with high-quality, renewable energy projects."

To-date, Digital Realty has contracted for approximately 745,000 megawatt-hours of renewable generation annually through long-term power purchase agreements, avoiding approximately 525,000 metric tons of carbon dioxide per year. The environmental benefits from Digital Realty's renewable energy sourcing efforts will have an impact comparable to meeting the energy needs of 60,000 U.S. homes per year.

About Digital Realty

Digital Realty supports the data center, colocation and interconnection strategies of more than 2,300 firms across its secure, network-rich portfolio of data centers located throughout North America, Europe, Latin America, Asia and Australia.

Digital Realty's clients include domestic and international companies of all sizes, ranging from cloud and information technology services, communications and social networking to financial services, manufacturing, energy, healthcare and consumer products.

www.digitalrealty.com

For Additional Information

Andrew P. Power

Chief Financial Officer

Digital Realty

(415) 738-6500

Media Inquiries

John Christiansen / Scott Lindlaw / Lindsay Andrews

Sard Verbinnen & Co.

(415) 618-8750

Investor Relations

John J. Stewart / Maria S. Lukens

Digital Realty

(415) 738-6500

investorrelations@digitalrealty.com

Safe Harbor Statement

This press release contains forward-looking statements which are based on current expectations, forecasts and assumptions that involve risks and

uncertainties that could cause actual outcomes and results to differ materially, including statements related to the virtual power purchase agreement executed on behalf of Facebook, Facebook renewable energy goals, the expected environmental benefits and timing of our power purchase agreements, SunEnergy1, and our sustainability program. These risks and uncertainties include, among others, the following: reduced demand for data centers or decreases in information technology spending; decreased rental rates, increased operating costs or increased vacancy rates; increased competition or available supply of data center space; the suitability of our data centers and data center infrastructure, delays or disruptions in connectivity or availability of power, or failures or breaches of our physical and information security infrastructure or services; our dependence upon significant customers, bankruptcy or insolvency of a major customer or a significant number of smaller customers, or defaults on or non-renewal of leases by customers; breaches of our obligations or restrictions under our contracts with our customers; our inability to successfully develop and lease new properties and development space, and delays or unexpected costs in development of properties; the impact of current global and local economic, credit and market conditions; our inability to retain data center space that we lease or sublease from third parties; difficulty acquiring or operating properties in foreign jurisdictions; our failure to realize the intended benefits from, or disruptions to our plans and operations or unknown or contingent liabilities related to, our recent acquisitions; our failure to successfully integrate and operate acquired or developed properties or businesses; difficulties in identifying properties to acquire and completing acquisitions; risks related to joint venture investments, including as a result of our lack of control of such investments; risks associated with using debt to fund our business activities, including re-financing and interest rate risks, our failure to repay debt when due, adverse changes in our credit ratings or our breach of covenants or other terms contained in our loan facilities and agreements; our failure to obtain necessary debt and equity financing, and our dependence on external sources of capital; financial market fluctuations and changes in foreign currency exchange rates; adverse economic

or real estate developments in our industry or the industry sectors that we sell to, including risks relating to decreasing real estate valuations and impairment charges and goodwill and other intangible asset impairment charges; our inability to manage our growth effectively; losses in excess of our insurance coverage; environmental liabilities and risks related to natural disasters; our inability to comply with rules and regulations applicable to our company; our failure to maintain our status as a REIT for federal income tax purposes; our operating partnership's failure to qualify as a partnership for federal income tax purposes; restrictions on our ability to engage in certain business activities; and changes in local, state, federal and international laws and regulations, including related to taxation, real estate and zoning laws, and increases in real property tax rates. For a further list and description of such risks and uncertainties, see the reports and other filings by the company with the U.S. Securities and Exchange Commission, including the company's Annual Report on Form 10-K for the year ended December 31, 2017 and Quarterly Reports on Form 10-Q for the quarters ended March 31, 2018, June 30, 2018 and September 30, 2018. The company disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

SOURCE Digital Realty

Related Links

<http://www.digitalrealty.com>

**OFFICER'S CERTIFICATE CPCN APPLICATION ON BEHALF OF ALBEMARLE
SOLAR, LLC
NCUC DOCKET NO. EMP-103, SUB 0**

TO: North Carolina Utilities Commission
RE: Application for a Certificate of Public Convenience and Necessity to Construct a 80-MW Solar Facility in Washington County, North Carolina
DATE: March 27, 2019

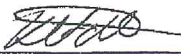
Albemarle Beach Solar, LLC is submitting an Application for a Certificate of Public Convenience and Necessity to Construct a 80-MW Solar Facility in Washington County, North Carolina pursuant to G.S. 62-110.1(a) and Commission Rule R8-63. Commission Rule R8-63 requires that the application contain a description of the need for the facility with supporting documentation.

In accordance with the requirements of Commission Rule R8-63, the undersigned Executive Officer of Albemarle Beach Solar, LLC hereby certifies as of the date hereof, that the information provided below is true, complete, and correct.

- (1) Albemarle Beach Solar, LLC will operate a solar power energy generation facility, the Albemarle Beach Solar Plant, the output of which will be sold exclusively at wholesale.
- (2) The energy output of the Albemarle Beach Solar Plant will be sold pursuant to the terms of a Renewable Energy Purchase Agreement with Digital Services, Inc. which is described in the press release attached hereto (the "Press Release").
- (3) The Albemarle Beach Solar Plant is the SunEnergy1 solar project described in the Press Release.

Executed this 27 day of March, 2019.

ALBEMARLE BEACH SOLAR, LLC,
a North Carolina limited liability company

By: 
Name: Kenny Habul
Title: Manager



WASHINGTON COUNTY
P.O. BOX 1007
PLYMOUTH, NORTH CAROLINA 27962

January 12, 2017

Ms. Linda Nwadike, PMP
Project Manager
Albemarle Beach Solar, LLC
192 Raceway Drive
 Mooresville, NC 28117

Dear Ms. Nwadike:

After careful review of your application and after a legally advertised public hearing for a Special Use Permit to construct an 80 MWAC solar facility on approximately 700 acres located in Washington County, on behalf of the Washington County Planning Board, I offer the following findings:

The Washington County Planning Board approved the Special Use Permit request By Albemarle Beach Solar, LLC to construct an 80MWAC solar facility on approximately 700 acres located on Mackeys Road near Albemarle Beach Road, contingent upon all federal local energy, utility, building codes and all other ordinances being permitted and followed. Further, this permit is approved contingent upon a surety bond in the amount of \$50,000.00 in accordance to the existing county ordinance Article 13 " SORD".

We appreciate your interest in Washington County and if you should have any questions, please contact us as 252-793-4114.

Sincerely,

A handwritten signature in black ink, appearing to read "Ann C. Keyes".

Ann C. Keyes, CFM
Planning/Safety Director

xc: Mrs. Carol Stubbs, Chairperson, Washington County Planning Board

-Equal Opportunity Employer-

OFFICIAL COPY

Mar 28 2019



WASHINGTON COUNTY
P.O. BOX 1007
PLYMOUTH, NORTH CAROLINA 27962

December 21, 2018

SunEnergy1
Albemarle Beach Solar LLC
192 Raceway Drive
 Mooresville NC 28117

Dear Ms. Nwadike:

On November 8, 2018, Washington County received a Special Use Permit application from Albemarle Beach Solar LLC to revise a map and location of solar panels from Mackeys Road to West of Cross Road and North/South of Woodlawn Road in Roper NC in order to meet the size requirements of a solar field previously submitted and approved for special use. It is our understanding that some of the property in the original plan was taken out of consideration due to a landowner's change of mind; additional properties had to be purchased/leased to meet the size requirements of the field.

The Washington County Planning Board met on November 15, 2018, and by proper motion, second, and vote, held the request open to a public hearing, scheduled on December 20, 2018, and advertised two consecutive weeks in the Roanoke Beacon.

On December 20, the Washington County Planning Board conducted a public hearing on the matter of Albemarle Beach Solar LLC. Ms. Linda Nwadike, Ed Goodwin, Thelma Gray Goodwin, William Dotson were present at the hearing, along with the Planning Board members. Mrs. Nwadike presented her application and provided maps of current request to update location of property where panels will be located. After a motion was offered, seconded, and voted upon, the special use request was approved with the stipulation that all Washington County Solar Energy Development Ordinance conditions will be met.

Thank you for your interest in Washington County. I look forward to working with you.

Sincerely,


Ann C. Keyes, Director
Planning and Safety

-Equal Opportunity Employer-

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Mar 28 2019