

OFFICIAL COPY

INFORMATION SHEET

PRESIDING: Hearing Examiner Patrick Buffkin

PLACE: Washington County Courthouse, Plymouth, NC

DATE: June 4, 2019

TIME: 6:30 p.m. – 7:30 p.m.

DOCKET NO.: EMP-103, Sub 0

COMPANY: Albemarle Solar, LLC

DESCRIPTION: Application for a Certificate of Public Convenience and Necessity to Construct a 80-MW Solar Facility in Washington County, North Carolina

VOLUME:

APPEARANCES

FOR ALBEMARLE SOLAR, LLC:

Karen Kemerait, Esq.

FOR THE USING AND CONSUMING PUBLIC:

Megan Jost, Esq.

WITNESSES

Brenda Hartkopf

William Mitchell Dotson

Linda Nwadike

Evan D. Lawrence

EXHIBITS

See attached.

TRANSCRIPT COPIES ORDERED: Kemerait and Jost

CONFIDENTIAL COPIES ORDERED: Kemerait and Jost

REPORTED BY: Kim Mitchell

TRANSCRIBED BY: Kim Mitchell

DATE FILED: June 24, 2019

TRANSCRIPT PAGES: 54

PREFILED PAGES: 40

TOTAL PAGES: 94

FILED

JUN 25 2019

Clerk's Office
N.C. Utilities Commission

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24

T A B L E O F C O N T E N T S

E X A M I N A T I O N S

BRENDA HARTKOPF
 Direct Examination by Ms. Jost..... 14
 Cross Examination by Ms. Kemerait..... 17
 Direct Statement..... 22

WILLIAM MITCHELL DOTSON
 Direct Examination by Ms. Jost..... 19
 Examination by Examiner Buffkin..... 21

LINDA NWADIKE
 Direct Examination by Ms. Kemerait..... 23
 Examination by Examiner Buffkin..... 35

EVAN D. LAWRENCE
 Direct Examination by Ms. Jost..... 77
 Examination by Examiner Buffkin..... 91

E X H I B I T S

IDENTIFIED/ADMITTED

Nwadike Confidential Direct

Exhibit 1..... --/46

Nwadike Direct Exhibits 2, 3 and 4..... --/46

Nwadike Confidential Amended Direct

Exhibits 1, 5, 9 and 10..... --/60

Nwadike Amended Direct Exhibits 2, 3, 4,
 6, 7 and 8..... --/60

Nwadike
(Direct)

EXHIBIT 2
EMP-103, SUB 0

1A

Albemarle Beach Solar, LLC
CPCN Amendment – Final Layout



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

Whiteville, NC 28387

OFFICIAL COPY

Mar 28 2019

Nwadike
(Duzee)

EXHIBIT 3
EMP-103, SUB 0

1A

OFFICIAL COPY

Mar 28 2019

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

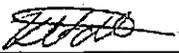
Albemarle Beach Solar, LLC is submitting an Application for a Certificate of Public Convenience and Necessity to Construct a 80-MW Solar Facility in Washington County, North Carolina pursuant to G.S. 62-110.1(a) and Commission Rule R8-63. Commission Rule R8-63 requires that the application contain a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

Nwadike
(Direct)

EXHIBIT 4
EMP-103, SUB 0

1A



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,

A handwritten signature in cursive script that reads "Ann C. Keyes".

Ann C. Keyes, Director
Planning and Safety

-Equal Opportunity Employer-

OFFICIAL COPY

Mar 28 2019

Nwadike

EXHIBIT 2

EMP-103, SUB 0

(Amended Direct)

A

Albemarle Beach Solar, LLC
CPCN Amendment – Final Layout

OFFICIAL COPY

Apr 11 2019



Nwadike
EXHIBIT 3
EMP-103, SUB 0
(Amended Direct)
LA

OFFICIAL COPY

APR 11 2019

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

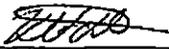
Albemarle Beach Solar, LLC is submitting an Application for a Certificate of Public Convenience and Necessity to Construct a 80-MW Solar Facility in Washington County, North Carolina pursuant to G.S. 62-110.1(a) and Commission Rule R8-63. Commission Rule R8-63 requires that the application contain a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

Nwadike
EXHIBIT 4
EMP-103, SUB 0
(Amended Direct)
/A

OFFICIAL COPY

Apr 11 2019

January 12, 2017

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

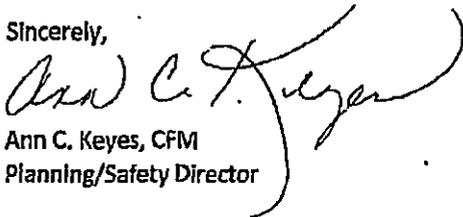
Dear Ms. Nwadike:

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,


Ann C. Keyes, CFM
Planning/Safety Director

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

-Equal Opportunity Employer-



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,

A handwritten signature in black ink that reads "Ann C. Keyes".

Ann C. Keyes, Director
Planning and Safety

-Equal Opportunity Employer-

OFFICIAL COPY

APR 11 2019

Applicant's other affiliated generating facilities in the Southeastern Electric Reliability Council Region

The Applicant's affiliate SunEnergy1 has completed numerous solar generating facilities in the Southeastern Electric Reliability Council (SERC) region as shown in the below table.

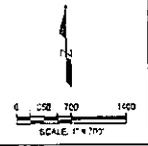
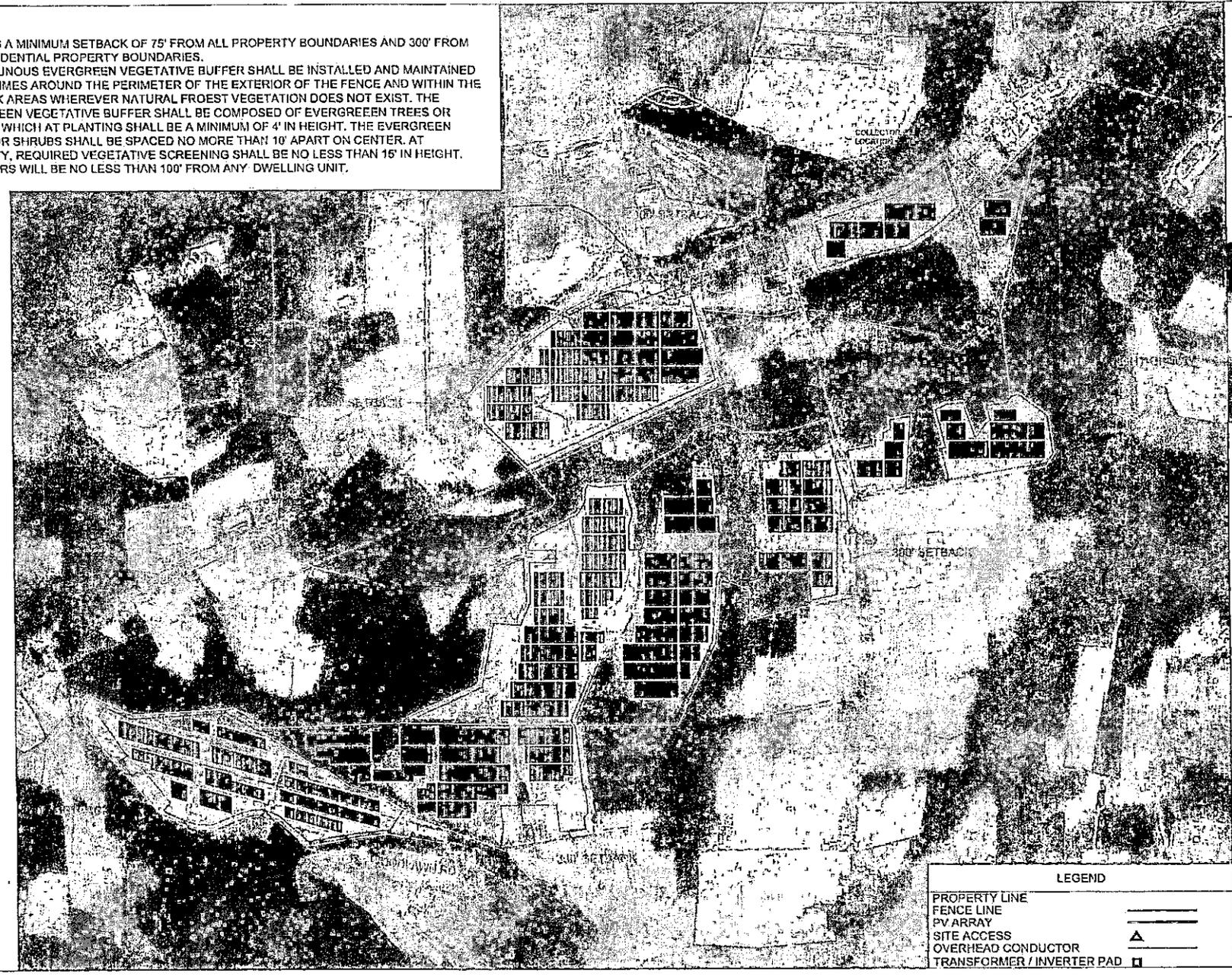
Project	MW	County/State	Completion Date
Sites developed by SunEnergy1 with ownership interest through leases or contracts			
Bethel	7	Pitts, NC	May 2016
Elizabeth City	28	Pasquotank, NC	April 2015
Everetts	7	Martin, NC	April 2015
Scotland Neck	28	Halifax, NC	March 2014
Battleboro	7	Edgecombe, NC	June 2015
Conetoe II	112	Edgecombe, NC	April 2016
Creswell	19.95	Washington, NC	June 2015
Kelford	30.10	Bertie, NC	February 2016
Sunbury	7	Gates, NC	March 2016
Whitakers	16.8	Whitakers, NC	February 2016
Whitepost I	14.999	Beaufort, NC	February 2013
Whitepost II (Millfield)	6.4	Beaufort, NC	May 2014
Windsor	7	Bertie, NC	April 2014
River Road	7	Hertford, NC	December 2016
Leggett	7	Whitakers, NC	July 2017
Barnhill	4	Pasquotank, NC	December 2016
Aulander Hwy 42	7	Hertford, NC	July 2017
Summit	84	Currituck, NC	February 2017
Shiloh Hwy 1108	7	Camden, NC	March 2018
Sandy Solar	7	Camden, NC	April 2018
Chowan Jehu	7	Chowan, NC	March 2018
Scotland Neck 3	4	Halifax, NC	January 2015
Elk Park	0.197	Avery, NC	March 2012
SE1-Asheville	0.25	Buncombe, NC	May 2010
Plymouth Solar	6.5	Plymouth, NC	December 2014
Pamlico Solar	6.6	Beaufort, NC	February 2014
Choco Solar	7	Beaufort, NC	March 2015
Sugar Run Solar	6.6	Gates, NC	December 2015
Albertson Solar	7	Duplin, NC	December 2014
Conetoe Solar	6.6	Edgecombe, NC	January 2016
Williamston Speight	20.849	Martin, NC	December 2016
Ranchland	84	Currituck, NC	January 2018
Projects in SERC region in development			

Mill Pond	7	Martin, NC	
Jamesville	7	Martin, NC	
Gliden	7	Chowan, NC	
Camden Dam	7	Camden, NC	
Windsor Hwy 17	7	Bertie, NC	
Ryland Road	7	Chowan, NC	
Mechanicsville	28	Hanover, VA	
Albemarle Beach	112	Washington, NC	
Aulander Holloman	112	Hertford, NC	
Bethel NC 11	112	Pitts, NC	
Fort Powhatan	150	Prince George, VA	
Wildcat Road	7	Martin, NC	
Williamston Hwy 125	7	Martin, NC	
Shawboro Ridge	80	Currituck, NC	
Harts Mill	80	Edgecombe, NC	
Colice Hall	7	Hertford, NC	
Creswell Hwy 64	20	Tyrrell & Washington, NC	
Manning	7	Edgecombe, NC	

Nwadike
 EXHIBIT 7
 DOCKET NO. EMP-103, SUB 0
 (Amended Direct)

PLAN: 125, Albemarle Beach, 5/20/18, 8:17:11 PM, 4/17/2018 8:17:11 PM, 1/17/2018 8:17:11 PM

- NOTES:
1. SITE HAS A MINIMUM SETBACK OF 75' FROM ALL PROPERTY BOUNDARIES AND 300' FROM ALL RESIDENTIAL PROPERTY BOUNDARIES.
 2. A CONTINUOUS EVERGREEN VEGETATIVE BUFFER SHALL BE INSTALLED AND MAINTAINED AT ALL TIMES AROUND THE PERIMETER OF THE EXTERIOR OF THE FENCE AND WITHIN THE SETBACK AREAS WHEREVER NATURAL FROEST VEGETATION DOES NOT EXIST. THE EVERGREEN VEGETATIVE BUFFER SHALL BE COMPOSED OF EVERGREEN TREES OR SHRUBS WHICH AT PLANTING SHALL BE A MINIMUM OF 4' IN HEIGHT. THE EVERGREEN TREES OR SHRUBS SHALL BE SPACED NO MORE THAN 10' APART ON CENTER. AT MATURITY, REQUIRED VEGETATIVE SCREENING SHALL BE NO LESS THAN 15' IN HEIGHT. INVERTERS WILL BE NO LESS THAN 100' FROM ANY DWELLING UNIT.



SUNENERGY
 130 Riverside Dr.
 Mooresville, NC 28117
 (704) 662-2375
 (704) 662-0152

DATE	DESCRIPTION	BY	CHKD

ALBEMARLE BEACH SOLAR
 IN Washington County NC

DATE	DESCRIPTION	BY	CHKD
04-12-18			
07-19-18			

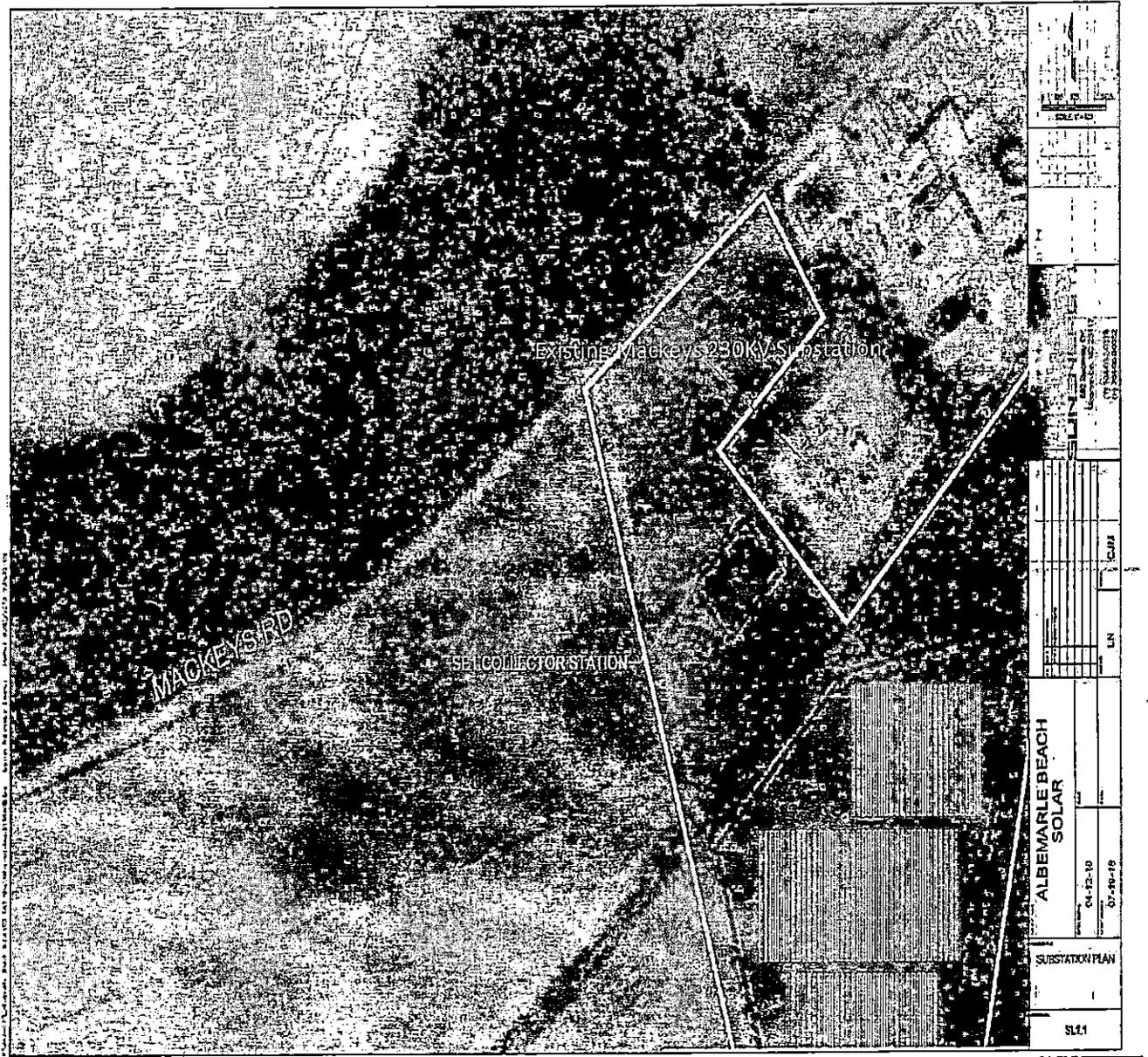
LEGEND

PROPERTY LINE	—
FENCE LINE	—
PV ARRAY	—
SITE ACCESS	▲
OVERHEAD CONDUCTOR	—
TRANSFORMER / INVERTER PAD	■

PRELIMINARY
 SITE LAYOUT

SL1.1

Color map showing the location of the Applicant's collector station and Mackeys 230kV Substation.



OFFICIAL COPY

Apr 11 2019

Single Line

