JAMIE WHITEHOUSE, AICP DIRECTOR OF PLANNING & ZONING (302) 855-7878 T (302) 854-5079 F jamie.whitehouse@sussexcountyde.gov





PLEASE NOTE

This paperless packet is published on the County's website for convenience purposes, and only includes information received up to the close of business on the day before a public hearing. Documents received after this, or documents submitted during the public hearing are not uploaded to the Paperless Packet. The legal record is the paper record maintained in the Offices of the Planning & Zoning Department.



PLANNING & ZONING COMMISSION

ROBERT C. WHEATLEY, CHAIRMAN KIM HOEY STEVENSON, VICE-CHAIRMAN R. KELLER HOPKINS J. BRUCE MEARS HOLLY J. WINGATE





Sussexcountyde.gov
302-855-7878 T
302-854-5079 F
JAMIE WHITEHOUSE, MRTPI, AICP
DIRECTOR OF PLANNING & ZONING

PLANNING AND ZONING AND COUNTY COUNCIL INFORMATION SHEET Planning Commission Public Hearing Date: November 3rd, 2022

Application: C/U 2328 Sunrise Solar

Applicant: Sunrise Solar (c/o: Dan Baugher)

6408 Church Hill Road Chestertown, MD 21620

Owner: Donna Smith

19325 Fleatown Road Lincoln, DE 19960

Site Location: Clendaniel Pond Road, Lincoln, Delaware 19960. The property is lying

on the north side of Fleatown Road (S.C.R. 224) and on the west side of Clendaniel Pond Road (S.C.R. 38), approximately 0.50 mile east of

Greentop Road (S.C.R. 255).

Current Zoning: Agricultural Residential (AR-1) Zoning District

Proposed Use: 5.8-Megawatt ground mounted Solar Array for a Community Solar

Project

Comprehensive Land

Use Plan Reference: Low Density

Councilmanic

District: Ms. Green

School District: Milford School District

Fire District: Ellendale Fire Department

Sewer: N/A

Water: N/A

Site Area: 22 acres +/- (per C/U Site Plan)

Tax Map ID.: 230-13.00-121.00





PIN:	230-13.00-121.00
Owner Name	SMITH DONNA LEE TRUSTEE
Book	4654
Mailing Address	20091 FLEATOWN RD
City	LINCOLN
State	DE
Description	W N/ FLEATOWN RD
Description 2	E/ CLENDANIEL POND RD
Description 3	FX
Land Code	

polygonLayer

Override 1

polygonLayer

Override 1

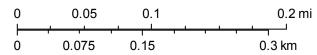
Tax Parcels

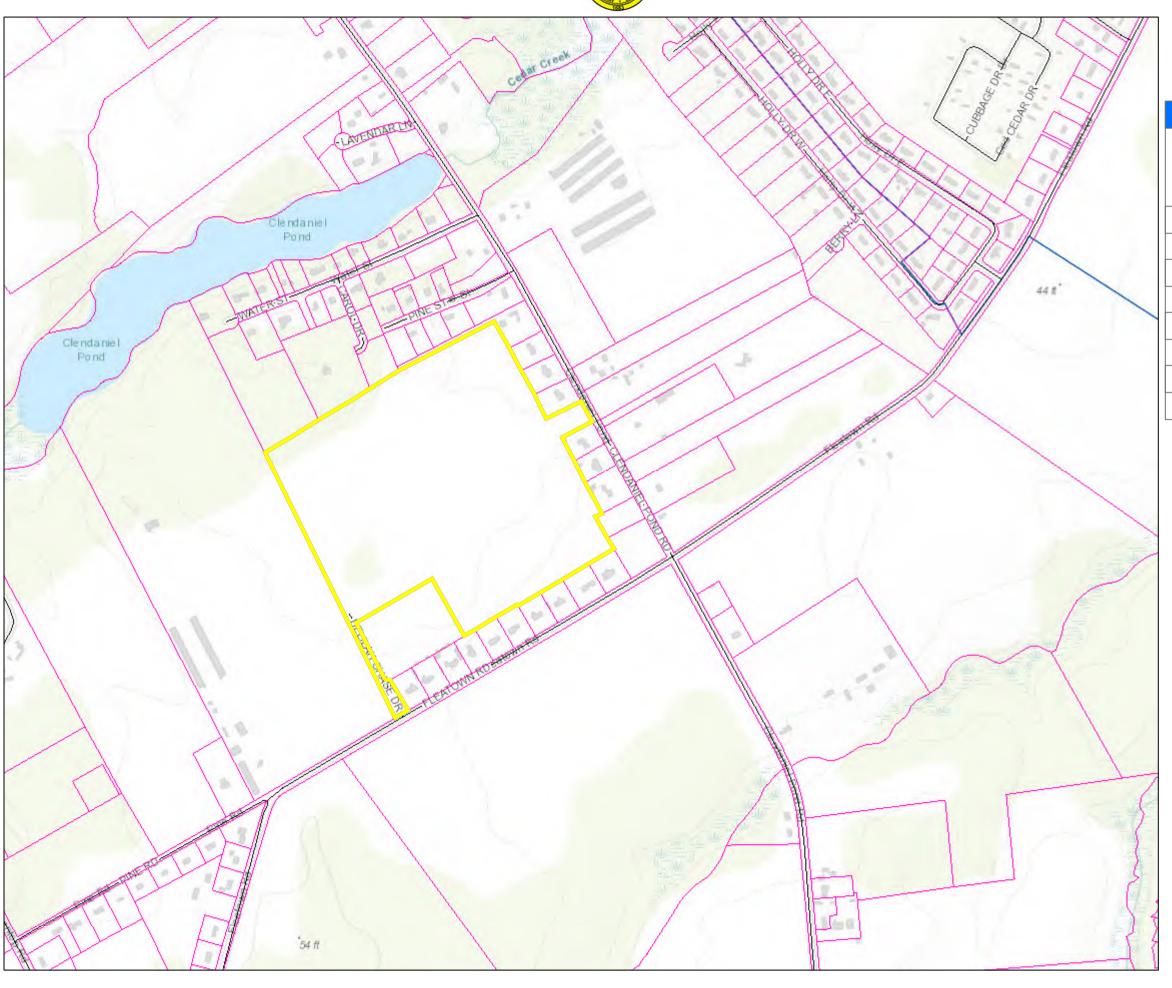
Streets

County Boundaries

DOE School Districts

1:4,514





PIN:	230-13.00-121.00
Owner Name	SMITH DONNA LEE TRUSTEE
Book	4654
Mailing Address	20091 FLEATOWN RD
City	LINCOLN
State	DE
Description	W N/ FLEATOWN RD
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Description 3	FX
Land Code	

polygonLayer

Override 1

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Override 1

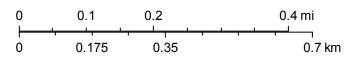
Tax Parcels

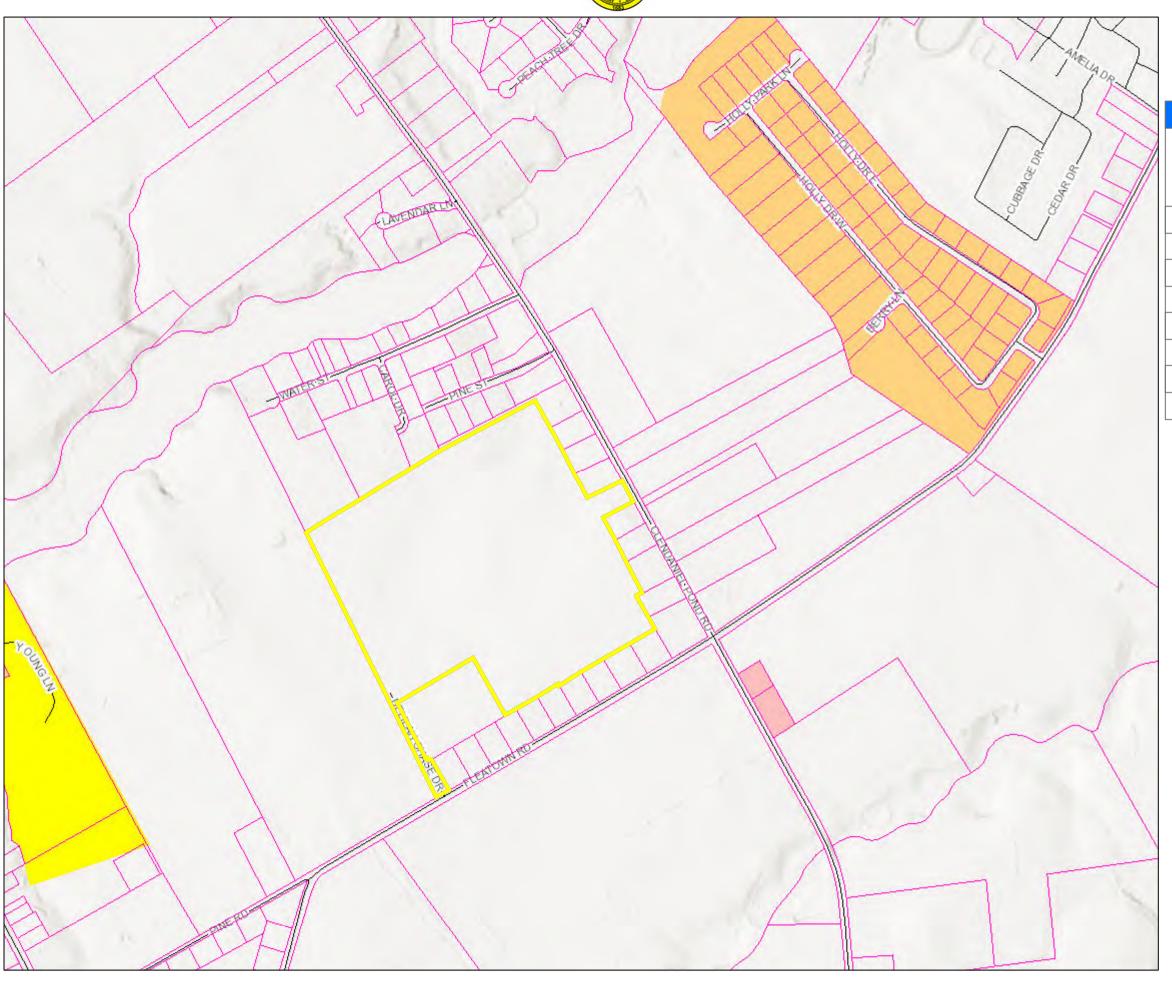
Streets

County Boundaries

DOE School Districts

1:9,028





PIN:	230-13.00-121.00
Owner Name	SMITH DONNA LEE TRUSTEE
Book	4654
Mailing Address	20091 FLEATOWN RD
City	LINCOLN
State	DE
Description	W N/ FLEATOWN RD
Description 2	E/ CLENDANIEL POND RD
Description 3	FX
Land Code	

polygonLayer

Override 1

polygonLayer

Override 1

Tax Parcels

Streets

1:9,028 0 0.1 0.2 0.4 mi 0 0.175 0.35 0.7 km

JAMIE WHITEHOUSE, AICP MRTPI

PLANNING & ZONING DIRECTOR (302) 855-7878 T

jamie.whitehouse@sussexcountyde.gov





DELAWARE sussexcountyde.gov

Memorandum

To: Sussex County Planning and Zoning Commission Members

From: Chase Phillips, Planner II

CC: Mr. Vince Robertson, Assistant County Attorney and Applicant

Date: October 25th, 2022

RE: Staff Analysis for CU 2328

The purpose of this memo is to provide background and analysis for the Planning and Zoning Commission to consider as a part of Application CU 2328 (Sunrise Solar) to be reviewed during the November 3rd, 2022, Planning and Zoning Commission Meeting. This analysis should be included in the record of this application and is subject to comments and information that may be presented during the public hearing.

The request is for a Conditional Use for Tax Parcel: 230-13.00-121.00 to allow for a 5.8MW solar farm. The property is lying on the north side of Fleatown Road (S.C.R. 224) and on the west side of Clendaniel Pond Road (S.C.R. 38), approximately 0.50 east of Greentop Road (S.C.R. 225). This solar farm will be established on a 22-acre portion of a parcel that is approximately 57 acres in area.

Comprehensive Plan Analysis

The 2018 Sussex County Comprehensive Plan Update (Comprehensive Plan) provides a framework of how land is to be developed. As part of the Comprehensive Plan, a Future Land Use Map is included to help determine how land should be zoned to ensure responsible development. The Future Land Use Map in the plan indicates that the parcel has a designation of "Low Density." The adjoining parcels to the north, west, east, and south also have a Future Land Use Map designation of "Low Density".

As outlined in the 2018 Sussex County Comprehensive Plan, Low Density Areas are intended to support agricultural uses and low-density single-family housing. Specifically, the Comprehensive Plan states that single family homes have a density of up to two dwelling units to the acre. It is envisioned that the Low-Density Areas allow for businesses that support nearby residents and the agricultural economy. More intense commercial uses could be limited in scale and impact. While residential growth is expected, the Comprehensive Plan intends for the rural landscape to be maintained and for farmland to be preserved in select locations.

Zoning Information

The subject property is zoned Agricultural Residential (AR-1) District. All adjacent properties to the north, west, east, and south of the subject property are zoned Agricultural Residential (AR-1) District.



Existing Conditional Uses within the Vicinity of the Subject Property

Since 1972, there have been three (3) Conditional Use applications within a one (1) mile radius of the application site.

Conditional Use No. 2047, which allows for equipment storage and a contracting business, was approved by the Sussex County Council on June 21st, 2016, through Ordinance No. 2454. This is located on Tax Parcel 230-13.00-148.00. Conditional Use No. 362, which allows for a radio tower and equipment building, was approved by the Sussex County Council on July 13th, 1976. Conditional Use No. 186, which extended a Mobile Home Park, was approved by the Sussex County Council on February 5th, 1974. This is the Cedar Village Mobile Home Park.

Based on the analysis provided, the Conditional Use to allow for a gunsmithing business in this location could be considered as being consistent with the surrounding land use, zoning, and uses, subject to considerations of scale and impact.

File #: <u>CU 23</u>28 202117184

Planning & Zoning Commission Application Sussex County, Delaware

Sussex County Planning & Zoning Department 2 The Circle (P.O. Box 417) Georgetown, DE 19947 302-855-7878 ph. 302-854-5079 fax

Type of Application: (please	check applicable)	
Conditional Use <u>✓</u> Zoning Map Amendment		
Zonnig Map Amenament	-	
Site Address of Conditional	Use/Zoning Map Amendm	ent
Clendaniel Pond Rd. Lincoln, DE	19960	
Type of Conditional Use Rec Install a 5.8 MW Ground mounted		ar project
Tax Map #: 230-13.00-121.00		Size of Parcel(s): 57.12 acres
Current Zoning: AR1	Proposed Zoning: AR1	Size of Building: n/a
Land Use Classification: vacar	nt land	
Water Provider: n/a	Sew	ver Provider: ^{n/a}
Applicant Information		
Applicant Name: Sunrise Solar	- Dan Baugher	
Applicant Address: 6408 Churc		
City: Chestertown	State: <u>MD</u>	ZipCode: <u>21620</u>
Phone #: <u>(410) 708-4824</u>	E-mail: dan@	gsunrisesolarmd.com
Owner Information		
Owner Name: Donna Smith		
Owner Address: 19325 Fleatow	n Rd.	
City: Lincoln	State: DE	Zip Code: <u>19960</u>
Phone #: <u>(302) 363-0199</u>	E-mail:wmi	narconi@msn.com
Agent/Attorney/Engineer In	<u>formation</u>	
Agent/Attorney/Engineer Na	me: The Pelsa Company	
Agent/Attorney/Engineer Ad	dress: 610 Peoples Plaza	
City: Newark	State: <u>DE</u>	Zip Code: 19702
Phone #:(302) 834-3771	E-mail: pelsa	office@thepelsacompany.com





Check List for Sussex County Planning & Zoning Applications

The following shall be submitted with the application

~	Completed Application
	Provide eight (8) copies of the Site Plan or Survey of the property o Survey shall show the location of existing or proposed building(s), building setbacks, parking area, proposed entrance location, etc. o Provide a PDF of Plans (may be e-mailed to a staff member) o Deed or Legal description
<u>*</u>	Provide Fee \$500.00
	Optional - Additional information for the Commission/Council to consider (ex. architectural elevations, photos, exhibit books, etc.) If provided submit 8 copies and they shall be submitted a minimum of ten (10) days prior to the Planning Commission meeting.
	Please be aware that Public Notice will be sent to property owners within 200 feet of the subject site and County staff will come out to the subject site, take photos and place a sign on the site stating the date and time of the Public Hearings for the application.
<u>*</u>	DelDOT Service Level Evaluation Request Response
	PLUS Response Letter (if required)
	gned hereby certifies that the forms, exhibits, and statements contained in any papers or tted as a part of this application are true and correct.
Zoning Com and that I wi needs, the h	that I or an agent on by behalf shall attend all public hearing before the Planning and mission and the Sussex County Council and any other hearing necessary for this application ill answer any questions to the best of my ability to respond to the present and future lealth, safety, morals, convenience, order, prosperity, and general welfare of the inhabitants bunty, Delaware.
Signature o	Date: 11/23/21
Signature of	ma Smith Date: 11/23/21
•	
	Recommendation of PC Commission:

Sussex County, DE Treasury P.O. Box 601 Georgetown, DE 19947 Welcome

33021079-0006 Krystle V 11/24/2021 12:48PM

PERMITS / INSPECTIONS CONDITIONAL USE - FEE

2021 Item: 202117184[Z010

500.00

500,00

Subtota) Total

500.00 500.00

CHECK

500.00

Check Number004559

Change due

0.00

Paid by: SUNRISE SOLAR INC



Thank you for your payment

Sussex County, DE COPY DUPLICATE RECEIPT



STATE OF DELAWARE

DEPARTMENT OF TRANSPORTATION

800 BAY ROAD P.O. BOX 778 DOVER, DELAWARE 19903

NICOLE MAJESKI SECRETARY

November 17, 2021

Mr. Jamie Whitehouse, Director Sussex County Planning & Zoning P.O. Box 417 Georgetown, DE 19947

Dear Mr. Whitehouse:

The Department has completed its review of a Service Level Evaluation Request for the **Sunrise Solar (Dan Baugher)** proposed land use application, which we received on November 16, 2021. This application is for an approximately 62.39-acre parcel (Tax Parcel: 230-13.00-121.00). The subject land is proposing access on the west side of Clendaniel Pond Road (Sussex Road 38) about 950 feet north of the intersection with Fleatown Road (Sussex Road 224) and has frontage on the north side of Fleatown Road about 1,850 feet west of the intersection with Clendaniel Road. The subject land is currently zoned AR-1 (Agriculture Residential) and the applicant seeks a conditional use approval to build a community solar farm.

Per the 2019 Delaware Vehicle Volume Summary, the annual average daily traffic volume along Clendaniel Road from Ponder Road (Sussex Road 213) to Marshall Street (Sussex Road 225), is 1,189 vehicles per day. The annual and summer average daily traffic volumes along Fleatown Road from Cubbage Pond Road (Sussex Road 214) to DuPont Boulevard (US Route 113), are 1,714 and 2,203 vehicles per day respectively.

Based on our review, we estimate that the above land use will generate fewer than 50 vehicle trips per day. This number of trips is below DelDOT's minimum warrants for determining that a Traffic Impact Study (TIS) should be required for a particular development. DelDOT's regulations specify the minimum TIS warrants as 50 vehicle trips in any hour and/or 500 vehicle trips per day. Because the proposed land use would generate fewer than 50 vehicle trips per day, we consider the development's traffic impact to be **diminutive** in the context of our agreement with the County regarding land development coordination and we do not recommend that the applicant be required to perform a TIS for the subject application. DelDOT's description of this application as diminutive with regard to warranting a TIS does not mean that it is diminutive in other respects. We recommend that the applicant not be required to perform a TIS for the subject application.



Mr. Jamie Whitehouse Page 2 of 2 November 17, 2021

If the County approves this application, the applicant should be reminded that DelDOT requires compliance with State regulations regarding plan approvals and entrance permits, whether or not a TIS is required.

Please contact Ms. Annamaria Furmato, at (302) 760-2710, if you have questions concerning this correspondence.

> Sincerely, J. William Broshonburg &

T. William Brockenbrough, Jr.

County Coordinator

Development Coordination

TWB:afm

Dan Baugher, Sunrise Solar, Applicant cc:

Lauren De Vore, Sussex County Planning & Zoning

David Edgell, Coordinator, Cabinet Committee on State Planning Issues

Todd Sammons, Assistant Director, Development Coordination

Scott Rust, South District Public Works Manager, Maintenance & Operations

Steve McCabe, Sussex County Review Coordinator, Development Coordination

Derek Sapp, Subdivision Manager, Development Coordination

Kevin Hickman, Subdivision Manager, Development Coordination

Brian Yates, Subdivision Manager, Development Coordination

John Andrescavage, Subdivision Manager, Development Coordination

James Argo, South District Project Reviewer, Maintenance & Operations

Claudy Joinville, Project Engineer, Development Coordination

Anna maria Furmato, Project Engineer, Development Coordination

SUSSEX COUNTY ENGINEERING DEPARTMENT UTILITY PLANNING & DESIGN REVIEW DIVISION C/U & C/Z COMMENTS

		C/U & C/Z COMMENTS				
TO:		Jamie Whitehouse				
REV	IEWER:	Ken Briggs				
DAT	E:	10/10/2022				
APP	LICATION:	C/U 2328 Sunrise Solar				
APP	LICANT:	Sunrise Solar (c/o Dan Baugher)				
FILE	NO:	NCPA				
	MAP & CEL(S):	230-13.00-121.00				
LOC	ATION:	North side of Fleatown Road (S.C.R. 224) and on the west side of Clendaniel Pond Road (S.C.R. 38), approximately 0.50 mile east of Greentop Road (S.C.R. 255)				
NO.	OF UNITS:	Solar Farm				
GRC ACR	SS EAGE:	22				
SYS	TEM DESIGN	ASSUMPTION, MAXIMUM NO. OF UNITS/ACRE: 2				
SEW	ER:					
(1).	Is the project district? Yes	t in a County operated and maintained sanitary sewer and/or water				
		ee question (2). e question (7).				
(2).	Which Coun	ty Tier Area is project in? Tier 3				
(3).	Is wastewater capacity available for the project? N/A If not, what capacity is available? .					
(4).	Is a Construction Agreement required? No If yes, contact Utility Engineering at (302) 855-7717.					

Are there any System Connection Charge (SCC) credits for the project? **No** If yes, how many? . Is it likely that additional SCCs will be required? **N/A** If yes, the current System Connection Charge Rate is **Unified \$6,600.00** per EDU. Please contact **N/A** at **302-855-7719** for additional information on charges.

(5).

- (6). Is the project capable of being annexed into a Sussex County sanitary sewer district? **No**
 - ☐ Attached is a copy of the Policy for Extending District Boundaries in a Sussex County Water and/or Sanitary Sewer District.
- (7). Is project adjacent to the Unified Sewer District? No
- (8). Comments: No County Sewer.
- (9). Is a Sewer System Concept Evaluation required? No
- (10). Is a Use of Existing Infrastructure Agreement Required? No
- (11). <u>All residential roads must meet or exceed Sussex County minimum design standards.</u>

UTILITY PLANNING & DESIGN REVIEW APPROVAL:

John J. Ashman

Sr. Manager of Utility Planning & Design Review

Xc: Hans M. Medlarz, P.E.

Lisa Walls

No Permit Tech Assigned

PLANNING & ZONING COMMISSION

ROBERT C. WHEATLEY, CHAIRMAN KIM HOEY STEVENSON, VICE-CHAIRMAN R. KELLER HOPKINS J. BRUCE MEARS HOLLY J. WINGATE



Sussex County

DELAWARE sussexcountyde.gov 302-855-7878 T 302-854-5079 F JAMIE WHITEHOUSE, MRTPI, AICP **DIRECTOR OF PLANNING & ZONING**

PLANNING AND ZONING AND COUNTY COUNCIL INFORMATION SHEET Planning Commission Public Hearing Date: November 3rd, 2022

Application:

C/U 2328 Sunrise Solar

Applicant:

Sunrise Solar (c/o: Dan Baugher)

6408 Church Hill Road Chestertown, MD 21620

Owner:

Donna Smith

19325 Fleatown Road Lincoln, DE 19960

Site Location:

Clendaniel Pond Road, Lincoln, Delaware 19960. The property is lying

on the north side of Fleatown Road (S.C.R. 224) and on the west side of Clendaniel Pond Road (S.C.R. 38), approximately 0.50 mile east of

Greentop Road (S.C.R. 255).

Current Zoning:

Agricultural Residential (AR-1) Zoning District

Proposed Use:

5.8-Megawatt ground mounted Solar Array for a Community Solar

Project

Comprehensive Land

Use Plan Reference: Low Density

Councilmanic

District:

Ms. Green

School District:

Milford School District

Fire District:

Ellendale Fire Department

Sewer:

N/A

Water:

N/A

Site Area:

22 acres +/- (per C/U Site Plan)

Tax Map ID.:

230-13.00-121.00

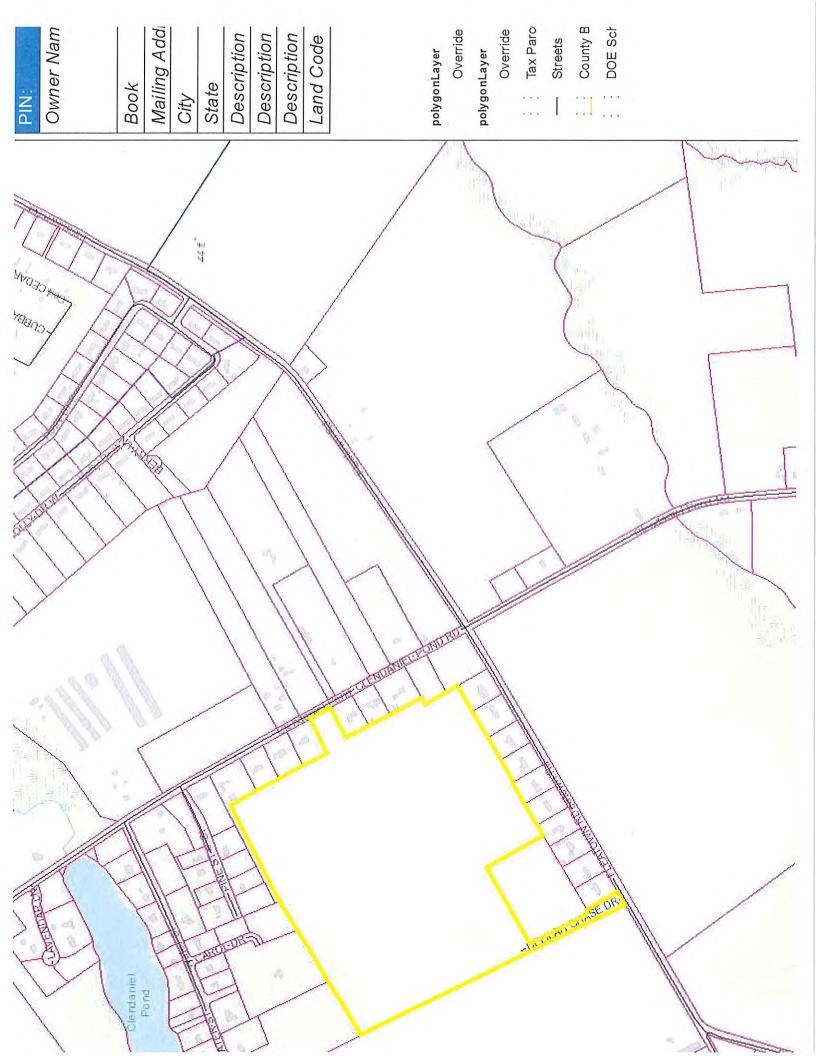


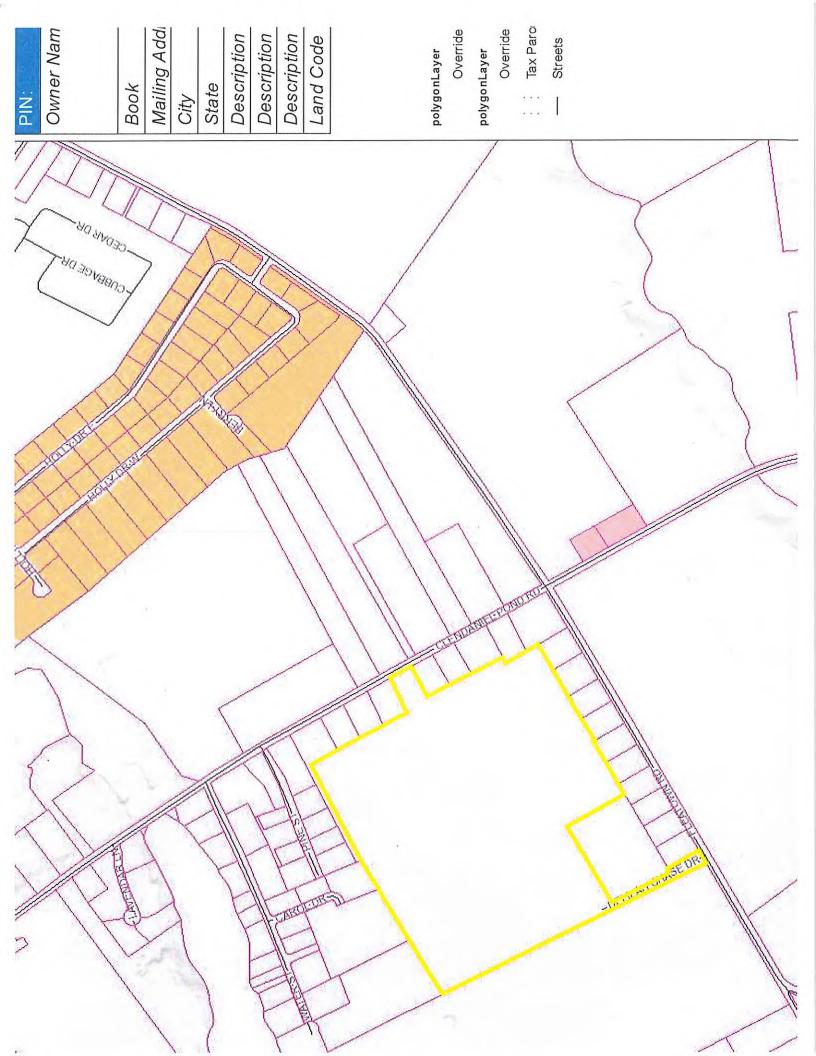
Override

polygonLayer
Override
Tax Para

streets
County B
DOE Sch Mailing Addı City Description Description Land Code State Description polygonLayer Book

Owner Nam





SYSTEM DESCRIPTION							
DESIGN WIND SPEED:	108 MPH	HIGH TEMP:	33° C	LOW TEMP:	-11° C		
EXP. / OCC. CATEGORY:	(B / I)	(B / I) SOURCE: GEORGETOWN SUSSEX S					
UTILITY TERRITORY:	ORY: DELAWARE ELECTRIC CO-OP						
SNOW LOAD:	20' PSF						
ELEV. (ABOVE SEA LVL):	33'						
MODULE TYPE:	CANADIA	N SOLAR CS3	Y - 465ME	B-AG BIFACIA	L		
MODULE QUANTITY:	12,480 (48	30 STRINGS O	F 26)				
SYSTEM SIZE (DC):	5,803.2 kW						
ESTIMATED YIELD (AC):	9,049 MW	h/yr					
SPEC. PROD. RATIO:	1,559 kWh	n/kWp/yr					
WEATHER STATION:	LINCOLN	DE SAW					
MOUNTING SYSTEM:	ATI DURA	TRACK HZ V3	(42% GC	R)			
FENCE LENGTH:	4,150' (22	ACRES ENCL	OSED)				
TILT ANGLE:	± 52°						
ARRAY AZIMUTH:	0°	0°					
INVERTER(S):	[32] DELTA M125HV = 4,000 kW AC = 1.451 DC/AC RATIO						

NOTES: ASSUMED NEW 13kV, 3Φ SERVICE.

[2] 3,000A, 600V ACCUMULATION PANELS + [2] 3,000A, 600V DISCONNECTS. [2] 2,000kVA, 600V TO 13kV CLOSE-COUPLED STEP-UP TRANSFORMERS.

[1] CUSTOMER OWNED METER RISER POLE WITH CTs & PTs.

[1] CUSTOMER OWNED GOAB POLE.

[1] UTILITY ACCESSIBLE GOAB SWITCH.

[1] UTILITY POLE WITH METER WITH CTs & PTs. [2] 10'x20' CONCRETE EQUIPMENT PADS.

~825' MV AC TRENCHING FROM EQUIPMENT PADS TO POI.

~1,300' NEW 3Φ LINES FROM CUSTOMER/UTILITY POLES TO POI.

~17,280 SQ. FT. OF GRAVEL CONSTRUCTION ACCESS ROADS TO BE BUILT.

~2 ACRES OF TREE REMOVAL REQUIRED.

~2 ACRES OF VEGETATIVE BUFFER TO BE PLANTED.

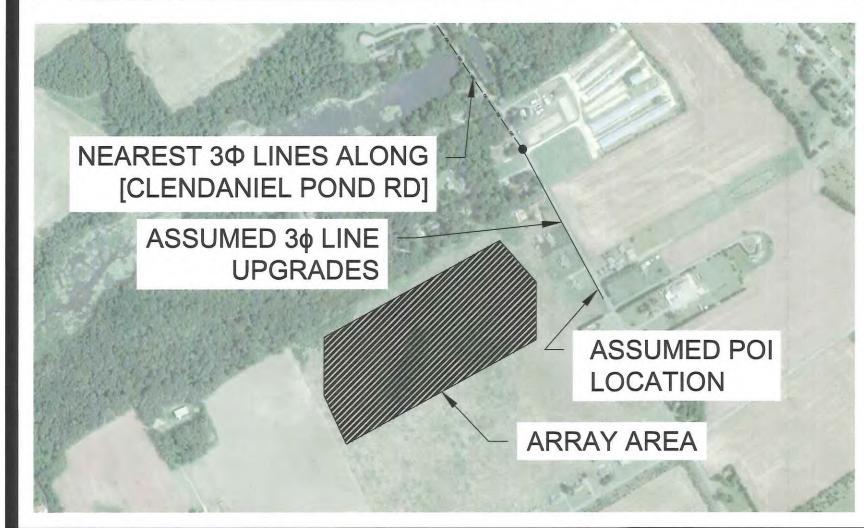
ASSUMED 5MW AC LIMIT FOR COMMUNITY SOLAR IN DELAWARE.

1,100' OF LINE UPGRADES LIKELY REQUIRED TO EXTEND EXISTING 3¢ TO SITE, EXACT COSTS TBD.

EXACT POI TO BE DETERMINED WITH UTILITY, INTERCONNECTION SUBJECT

PARCEL SETBACK ASSUMED TO BE 20'. TO BE CONFIRMED BY AHJ.

PROJECT ASSUMPTIONS (OS) ONSITE (NO) NONE (A) ADJACENT (N/A) UNKNOWN		SSI REQUIREMENTS: BAT BOX POLLINATOR SEED MIX SPARE MODULES SPARE INVERTERS					
WETLANDS	Α	3Ф DISTRIBUTION LINE(S)	Α				
T&E SPECIES/HABITATS	NO	EXISTING MAX GRADE (%)	2%				
FLOODPLAINS	NO	FAA FILING REQUIREMENT	N				
SITE ACCESS	NEW: OF	F OF PUBLIC RIGHT-OF-WAY					
COUNTY / AHJ	SUSSEX	COUNTY					
FEEDER HOSTING CAPACITY	CIRCUIT	T INFO NOT AVAILABLE.					
SUBSTATION HOSTING CAP.	UNKNOWN						
FEEDER LENGTH	SITE TO SUB FEEDER PATH NOT IDENTIFIED.						







301-944-1200 www.StandardSolar.com

REVISIONS

DISCLAIMER THIS DRAWING IS THE PROPERTY
OF STANDARD SOLAR, INC. THIS
INFORMATION IS CONFIDENTIAL
AND IS TO BE USED ONLY IN
CONNECTION WITH WORK
DESCRIBED BY STANDARD SOLAR,
INC. NO PART IS TO BE DISCLOSED
TO OTHERS WITHOUT WRITTEN
PERMISSION FROM STANDARD
SOLAR, INC.

> PROJECT NUMBER 21-126

> > DRAWN BY CML

REVIEWED BY **MMT**

APPROVED BY

10.28.2021

ORIGINAL SHEET SIZE SHOULD MEASURE 3"

> SCALE 1" = 400'

DRAWING







TEAM QUALIFICATIONS FOR SOLAR PV PROJECTS SUBMITTED TO SUSSEX COUNTY, DELAWARE

RECEIVED

OCT 2 6 2022

SUSSEX COUNTY PLANNING & ZONING

CONTACTS

Harry Benson Director of Business Development Standard Solar, Inc. 530 Gaither Rd Ste 900, Rockville, MD 20850 harry.benson@standardsolar.com (240) 802-6012 Katie Jester Director of Business Development Sunrise Solar 530 Gaither Rd Ste 900, Rockville, MD 20850 katie@sunrisesolarmd.com (443) 988-9238





Team Qualifications

Team Background

Standard Solar will design, finance, own and operate the proposed project. Subcontractor Sunrise Solar will install the system.

Standard Solar

Founded in 2004, Standard Solar is powering the nation's energy transformation by channeling its project development capabilities, financial strength, and technical expertise to deliver the benefits of solar PV to businesses, institutions, farms, governments, communities, and utilities. Building on 18 years of sustainable growth and in-house funding and tax equity investment capital, Standard Solar is a national leader in the development, funding and long-term ownership and operation of 540 MW commercial and community solar assets and a 2 GW pipeline.

Standard Solar is a wholly owned subsidiary of Brookfield Renewable. Brookfield Renewable is a global clean energy supermajor, with integrated operating platforms on four continents with operating, development and power marketing expertise.

Brookfield Renewable operates one of the world's largest publicly traded, pure-play renewable power platforms. Its portfolio consists of hydroelectric, wind, solar and storage facilities in North America, South America, Europe and Asia, and totals approximately 24 GW of installed capacity and an approximately 100 GW development pipeline. Investors can access its portfolio either through Brookfield Renewable Partners L.P. (NYSE: BEP; TSX: BEP.UN), or Brookfield Renewable Corporation (NYSE, TSX: BEPC), a Canadian corporation. Brookfield Renewable is the flagship listed renewable power company of Brookfield Asset Management, a leading global alternative asset manager with approximately \$750 billion of assets under management.

Standard Solar's expertise is grounded in 18 years of sustainable growth and fueled with in-house funding and tax investment capital resources. Today, Standard Solar is a national leader in the development, funding long-term ownership and operation of commercial and community solar assets. Our current asset portfolio includes approximately 500 MW across 19 states and the District of Columbia.

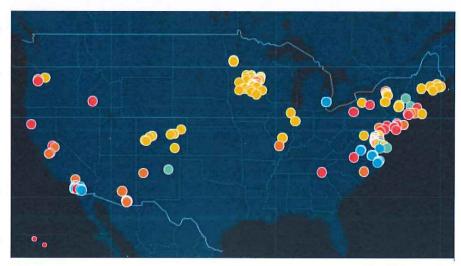


Figure 1: Standard Solar U.S. Asset Portfolio Map





Sunrise Solar

Sunrise Solar is a one-stop EPC solar resource for large-scale commercial and utility scale solar projects. Headquartered in Chestertown, Maryland, Sunrise Solar is currently actively installing in four (4) states: Maryland, Pennsylvania, New Jersey and Delaware.

Sunrise Solar's certifications include NABCEP Certified PV Installation Professional. Its staff includes NABCEP, OSHA and NFPA 70E certified registered electricians, OSHA 510 certified staff, and we are racking certified for fixed tilt and trackers.

Sunrise Solar's experience includes the completion of multiple similar ground mounted solar projects in Laurel and Dover, Delaware.



Figure 2: Sunrise Solar's Haven Farm Solar Project in Dover, Delaware.



Figure 3: Sunrise Solar's 994 kWdc HD Myles Farm solar project provides \$139,000 savings per year. Utility-Scale Ground Mount Project Highlights





Project Approach

Customized, Holistic Project Development Approach

Our team takes a customized, holistic approach to financing, owning, and operating a photovoltaic energy system that meets site production and renewable energy directives. From design through installation and operation, we apply our expertise and process to develop solar energy facilities that are productive, reliable, accountable, and affordable. Our capabilities include the full suite of project development and operation, from Engineering to EPC estimation and management.

Experienced Project Developer & Operator

As an experienced developer and operator of solar powered electricity generation facilities, our team understands the partnership value of system reliability and security with respect to the delivery of power from renewable energy generation projects. We realize the importance of thorough and innovative design, engineering, construction, funding, safety, quality, and operations management. We incorporate these principles into the development of our renewable generation assets.

Figure 4: Ribbon-cutting ceremony for one of the five sites in Standard Solar's 24 MW Maryland solar portfolio, completed in November 2021.

Standard Solar maintains \$600MM in investment capital to develop, own, and operate solar PV projects for utility, government, commercial, and other markets.

The following table lists a sample of projects funded through Standard Solar's in-house fund.

Table 1: Sample of U.S. projects using Standard Solar Investment Capital

Project Name	System Size (MW)
Minnesota Community Solar Gardens, MN	40 MW
New York Community Solar Program (5 project sites), NY	36 MW
Mountain Home Community Solar, ID	28.5 MW
Colorado Community Solar Gardens, CO	10.3 MW
Community Solar Portfolio (2 sites), OR	6 MW
City of Gallup, NM	9.9 MW





Project Name	System Size (MW)
Lake Elsinore Unified School District, CA	7 MW
Trenton Community Solar, ME	6.97 MW
Long Beach Unified School District, CA (21 canopies sites)	4.9 MW
Lawsbrook Solar, MA	4.69 MW / 4 MWh
Fort Indiantown Gap, PA	4.4 MW
Maryland-National Capital Park and Planning Commission (MNCPPC), MD	4.3 MW
Colorado State University, CO	4.25 MW
Swan Holt Community Solar, MA	3.9 MW
Isle of Wight Public Schools, VA	3.6 MW
City of Richmond Public Schools, VA	3.5 MW
Klees Mill, MD	2.9 MW
University of Maryland Center for Environmental Science, MD	2.9 MW
Godfrey Community Solar, MA	2.8 MW
NY DGS Pilgrim Psychiatric Center, NY (landfill)	2.8 MW
Old New Windsor, MD	2.7 MW
Shepherds Mill Community Solar Farm	2.7 MW
DC DGS Bundle 1 (24 public school facilities), DC	2.2 MW
Glassywing Community Solar Project, MD	2 MW
Checkerspot Community Solar, MD	1.9 MW
Kaiser Permanente Gaithersburg, MD	1.7 MW
Anne Arundel County Public Schools, MD	1.4 MW
Augusta County, VA	1.2 MW



Standard Solar Project Highlights

11.5 MW Solar Project in New York

2 MW Solar Project in Colorado



Figure 5: Standard Solar and U.S. Light Energy Completed 11.5 MW Solar Project in March 2022.



SUNRISE SOLAR

Figure 6: Standard Solar and Pivot Energy Completed this 2 MW Community Solar Project in Colorado in March 2022.

Through the clean energy generated by the 11.5 MW solar project, more than 28 municipalities and school districts across Jefferson, Lewis and St. Lawrence counties in New York are reducing their electricity costs and boosting the state's clean energy portfolio with solar energy. Members will collectively save between \$400-\$500/K annually from the arrays.

This project is the fifth site in a series of community solar developments launched by Standard Solar and partner Pivot Energy in 2019 in an effort to expand community solar access across the Colorado. Standard Solar funded the community solar array and is the projects' long-term owner and operator.

4.69 MW + 4 MWh Storage in Massachusetts

2.9 MW Solar Project in Maryland



Figure 7: Standard Solar's 4.69 MW Solar + 4 MWh Storage Project was developed by EDF Renewables.



Figure 8: Standard Solar's 2.9 MW ground-mount solar array in Sykesville, Maryland was completed in January 2022.

This innovative solar+storage project, completed in 2022, received an award from the Solar Massachusetts Renewable Targets (SMART) program. Located in Acton, MA, the system allows the Town of Plymouth and Acton Water District to benefit from discounted power as well as lease revenues.

As part of Maryland's Community Solar Pilot Program, the projects enable Maryland residents to save up to 10 percent on their utility bills based on electricity generated by the projects. The 24-megawatt portfolio is projected to benefit 5,000+ Maryland households annually through community solar subscriptions.





28.5 MW Solar Project in Idaho



Figure 9: Standard Solar's 28.5 MW Solar Project has been providing energy savings to area residents and businesses since 2017.

This 28.5 MW project is located in Mountain Home, the largest city in Elmore County, and has been providing energy savings to area residents and businesses since it became active in 2017. Idaho Power purchases the power generated from the system to provide energy to its customers at a discounted. The Mountain Home system produces 54,716 MWh of clean energy annually, enough to offset over 4.3 million gallons of gasoline consumed.

2.5 Solar Project in Maryland



Standard Solar was selected by Montgomery Parks, part of the Maryland-National Capital Park and Planning Commission (M-NCPPC), to construct, own and operate a pair of ground-mount solar arrays totaling 2.5 MW. The 1.32 MW South Germantown Recreational Park and 1.173 MW Rock Creek Regional Park arrays were built simultaneously and completed in 2018.

24 MW Solar Project Portfolio in Maryland



Figure 10: Standard Solar and partners OneEnergy Renewable and CleanChoice Energy completed a 24 MW Community Solar Project Portfolio in five MD counties in November 2021.

As part of Maryland's Community Solar Pilot Program, these projects enable 5,000+ Maryland residents to save up to 10 percent on their utility bills based on electricity generated by the projects. All the projects are 'dual-use,' which means they will function as solar farms and pollinator habitats. Additionally, the 39,000 MWh a year of energy the portfolio is expected to produce is equivalent to offsetting 30 million pounds of coal burned.

5 MW Solar Project in Maryland



Washington Suburban Sanitary Commission (WSSC) decided to add solar power at two of its wastewater treatment plants to broaden its use of alternative energy sources, reduce its carbon footprint and save ratepayers money. WSSC partnered with Standard Solar and Washington Gas Energy Systems, Inc. to develop 5 MW of solar at their Western Branch plant in Upper Marlboro, MD, and Seneca plant in Germantown, MD.





7.2 MW Solar Project in New York



Figure 11: The 7.2 MW Denmark Community Solar Project is Lewis County's first community solar project.

Standard Solar owns and operates the ground-mount community solar project long term. The project is part of New York State's Community Solar Program which allows the electricity generated by the Denmark Community Solar Project to be supplied to customers anywhere in National Grid's existing distribution system.

7 MW Solar Project in New York



Figure 12: The 7 MW Sugar Hill Solar Farm in New York produces enough clean energy to power up to 600 homes and businesses.

Chosen for its secluded location and proximity to electrical infrastructure, the site of the Sugar Hill Solar Farm is particularly advantageous to the project. The presence of the solar farm will enable a previously underutilized property to become a new source of landowner revenue, while also preserving it from the impacts of residential and commercial development.

Our Team

In-House Team of Industry Experts

Standard Solar's team of energy industry experts are uniquely qualified to provide the most reliable and effective turn-key solar energy solutions with team interoperability that helps organizations become stronger through improved energy management.

These qualifications facilitate our key partners', including landowners like you, expectations for impactful, reliable and aesthetically pleasing solar projects. Our team brings:

- Proven engineering and design skills for complex interconnections
- Proven interoperability success and experience building solar projects in Maryland and across the U.S.
- Proven experience with design-build, financing and operating with utilities
- Proven ability to timely navigate regulatory and permitting requirements
- Proven experience with integrating various energy management and storage technologies
- Proven ability to deliver maximizing the use of Maryland team partners





- Proven project funding with in-house utility backed funding, ensures funding throughout construction
- Proven reliable global material supply chain
- Proven ability to construct with safety
- Proven on-time project delivery
- Proven ongoing O&M services ensuring long term peak production

Executive Team

Scott Wiater, President & CEO, Standard Solar, Inc.

Under Mr. Wiater's leadership, Standard Solar has been named one of the Fastest Growing Private Companies in America for four consecutive years, significantly expanding its commercial footprint and reinforcing its leadership positioning as the solar partner of choice. Mr. Wiater has an extensive background in executive management, operations and supply chain management in startup companies as well as established corporations. Previous positions included Executive Vice President at Peak Technologies, a global systems integration company, and Director of Operations for Radio Frequency Identification at Motorola (Symbol Technologies). Mr. Wiater earned a Master of Business Administration degree and a Bachelor of Science degree in Aeronautics from Embry-Riddle Aeronautical University.

Rick Berube Chief Operating Officer, Standard Solar, Inc.

Mr. Berube has an extensive background in supply chain operations, procurement, contracting and program management. Prior to joining Standard Solar, Mr. Berube managed all aspects of a \$200M+ annual budget in support of the Navy's Trident II (D5) Fleet Ballistic Missile Program at Charles Stark Draper Laboratory. Previously, Mr. Berube taught Military Science and Leadership Development at the Massachusetts Institute of Technology and Harvard University. Additionally, he served in many staff and command positions as an Aviation Officer in the United States Army. Mr. Berube is a Program Management Professional who earned a Bachelor of Science degree from the United States Military Academy and a Master of Business Administration degree from Boston College's Carroll School of Business.

Dan Dobbs Chief Strategy Officer, Standard Solar, Inc.

Mr. Dobbs is the Chief Strategy Officer for Standard Solar and joined in December 2018. He started his energy sector career at SunEdison, where he progressed through finance, marketing and product management roles. He left to co-found Solar Grid Storage, where he served as CFO and developed the finance and operations models that created the first third-party financed storage-as-a-service business. Dobbs then returned to SunEdison following its acquisition of Solar Grid Storage. He earned dual masters' degrees in Mechanical Engineering and Technology & Policy (TPP) from the Massachusetts Institute of Technology (MIT), as well as an MBA in Entrepreneurial Management from the Wharton School.





Song Yi Chief Financial Officer, Standard Solar, Inc.

Mr. Yi returns to Standard Solar as CFO, having previously served in the position from 2010-2016. With a demonstrated history of success in the renewables and environmental industries, he is a well-experienced finance professional who will help shape Standard Solar's market position now and in the future. Mr. Yi previously served as the CFO for renewables company PosiGen for the past five years, a solar power and energy efficiency company focused on serving low-income families and communities. Mr. Yi's previous positions included CFO for Magellan Resources, a leader in managing the fastest growing, most complex alternative energy developer and investor, and corporate controller for Pace Global, a Siemens business, a leading energy consulting and management company. He earned his MBA at the University of Virginia's Darden Graduate School of Business Administration. Mr. Yi's undergraduate degree is from the University of Maryland.

Michael Streams Chief Development Officer, Standard Solar, Inc.

Mr. Streams is responsible for promoting Standard Solar's continued success in acquiring and developing solar energy assets in markets throughout the U.S. He joined Standard Solar from Nautilus Solar Energy, an independent power producer of distributed solar energy systems throughout North America, where he served as General Counsel and a key member of its executive core. Mr. Streams brings more than 14 years of solar finance, legal and business development experience to Standard Solar and has demonstrated success applying his broad expertise to growing dynamic organizations. He earned a Bachelor of Arts from Fisk University, a master's degree in City and Urban Planning from Harvard University and his Juris Doctor from Columbia Law School.

C.J. Colavito, REP Vice President of Engineering, Standard Solar, Inc.

Mr. Colavito is the Vice President of Engineering at Standard Solar, and he is responsible for oversight of the engineering process, vendor qualification, new technology integration, and management of the engineering and technical department. Mr. Colavito and his engineering team have produced more than 50 MW of PV system designs dispersed over more than 130 sites in 10 states, ranging from 5 kW to 5 MW. Mr. Colavito was responsible for establishing Standard Solar's commercial engineering and design department in 2009. He has developed and trained more than a dozen engineers in design and integration of solar PV systems. Before coming to Standard Solar, he served as a volunteer in Nicaragua where he worked to usefully apply solar technologies in rural areas. Mr. Colavito regularly presents and lectures at local universities and industry conferences. At Renewable Energy World North America his submission was awarded the 2014 Paper of the Year. Mr. Colavito has a BS in Mechanical Engineering from Virginia Tech. He is a NABCEP Certified Solar PV Installation Professional (# 091209-38) and NABCEP Certified Solar PV Technical Sales Professional. He is also a Certified Renewable Energy Professional by the Association of Energy Engineers.





Stephen Hesselink Vice President of Construction

Since joining Standard Solar in 2015, Mr. Hesselink and his team of construction professionals have constructed and commissioned more than 170 megawatts of solar PV projects across the country. With a career in commercial construction that spans over two decades, he has successfully managed multi-million-dollar projects throughout the United States. Prior to joining Standard Solar, he managed projects at Rand Construction Corporation, Affiliated Computers Solutions, Avaya Government Solutions, Trammel I Crow Co. and Hensel Phelps Construction Co. After serving as a non-commissioned officer in the Marine Corps, Mr. Hesselink earned his Bachelor of Science in Construction Management from Michigan State University. He is a NABCEP Certified PV Installation Professional® and is LEED AP BD+C certified.

Harry Benson Director of Business Development, Standard Solar, Inc.

Mr. Benson is Director of Business Development for Standard Solar with a focus on the Midwest. He has over 13 years of utility and distributed generation renewable energy experience in both wind and solar generation. Mr. Benson was responsible for the greenfield development of the 140 MW Twin Ridges Wind Farm in Somerset PA. He was also involved in origination and mergers & acquisitions of over 300 MW for his EverPower Wind Holdings Inc. Since joining Standard Solar in April of 2018, Mr. Benson has been responsible for focusing Standard Solar's efforts to deploy its low-cost capital and partner with C & I developers in the Midwest. Mr. Benson has 26 years of business experience and is a life-long advocate for environmental issues.

FULLNAME	Second_Owner_Name	MAILINGADD	CITY	STATI ZIPCO	DE	PIN with Unit	PIN
BENSON THURMAN OTIS		19819 WATER ST	LINCOLN	DE 19	9960	230-13.00-103.00	230-13.00-1
BRENNEMAN MARK S		9521 CLENDANIEL POND RD	LINCOLN	DE 19	9960	230-13.00-147.01	230-13.00-1
BRENNEMAN WAYNE M DAVID) MARK S BRENNEMAN L	I 507 CRESTVIEW DR	MILFORD	DE 19	9963	230-13.00-147.00	230-13.00-1
BROWN REGINALD H JR	NANCY E	22 WATER ST	LINCOLN	DE 19	9960	230-13.00-110.01	230-13.00-1
CHRISTIE RYAN D		19325 FLEATOWN RD	LINCOLN	DE 19	9960	230-13.00-121.15	230-13.00-1
COUCH SHELLEY	LAUREN THOMAS	9506 CLENDANIEL POND RD	LINCOLN	DE 19	9960	230-13.00-121.01	230-13.00-1
DALE DANIEL L	SANDRA N DALE	5 WATER ST	LINCOLN	DE 19	9960	230-13.00-105.00	230-13.00-1
DAVIS THERESE		16 WATER ST	LINCOLN	DE 19	9960	230-13.00-221.01	230-13.00-7
DEAN JANE E ROBERT C DEAN		13 WATER ST	LINCOLN	DE 19	9960	230-13.00-107.02	230-13.00-1
DENNISON WILLIAM A	PATRICIA A DENNISON	19 WATER STREET	LINCOLN	DE 19	9960	230-13.00-109.00	230-13.00-1
DONOVAN JAY RUSSELL	JUSTIN DONOVAN	2823 LEFT FORK MILLERS FO	WAYNE	WV 25	5570	230-13.00-108.03	230-13.00-1
FERRAND CHARLES P JR		369 NORWAY DR	DOVER	DE 19	9901	230-13.00-220.01	230-13.00-2
FISHER TERESA M		8535 SOPHIE WAY	LINCOLN	DE 19	9960	230-13.00-113.02	230-13.00-1
FRENCH BARBARA E		9 WATER ST	LINCOLN	DE 19	9960	230-13.00-107.03	230-13.00-1
FREY MELISSA	GOLDIE MORRIS	19860 PINE STREET	LINCOLN	DE 19	9960	230-13.00-117.01	230-13.00-1
FRONTINO LOUIS		21 WATER ST	LINCOLN	DE 19	9960	230-13.00-110.02	230-13.00-1
HAYES CHARLES H III		20003 FLEATOWN RD	LINCOLN	DE 19	9960	230-13.00-121.08	230-13.00-1
HELSDON BARBARA J REED	DAVID W HELSDON	3 WATER ST	LINCOLN	DE 19	9960	230-13.00-104.00	230-13.00-1
HICKMAN STEVE		9008 GREENTOP RD	LINCOLN	DE 19	9960	230-13.00-115.00	230-13.00-1
HUDSON CLARA ANN		19241 FLEATOWN RD	LINCOLN	DE 19	9960	230-13.00-122.00	230-13.00-1
HUNT KENETH E	NANCIANN BAIRD	14 WATER ST	LINCOLN	DE 19	9960	230-13.00-221.00	230-13.00-7
JEFFERSON BRYON H TRUSTEE	[D JEFFERSON TRUSTEE	17292 CLENDANIEL RD	LINCOLN	DE 19	9960	230-13.00-126.00	230-13.00-1
JESTER O TERRY & JO ALLISON		9386 CLENDANIEL POND RD	LINCOLN	DE 19	9960	230-13.00-120.00	230-13.00-1
JONES DEREK	LORI JONES	7412 MARSHALL ST	LINCOLN	DE 19	9960	230-13.00-111.00	230-13.00-1
KIDWELL CANDACE		20017 FLEATOWN ROAD	LINCOLN	DE 19	9960	230-13.00-121.06	230-13.00-1
LANDIS KURT F	KATHERINE T LANDIS	20037 FLEATOWN RD	LINCOLN	DE 19	9960	230-13.00-121.03	230-13.00-1
LAWS JOSEPH T IV	SAMATHA JO LAWS	21686 PINE HAVEN RD	LINCOLN	DE 19	9960	230-13.00-110.03	230-13.00-1
MARCONI WILLIAM A	DONNA L MARCONI	20091 FLEATOWN ROAD	LINCOLN	DE 19	9960	230-13.00-121.19	230-13.00-1
MARSH-DEAN	BETTY J MARSH	9442 CLENDANIEL POND RD	LINCOLN	DE 19	9960	230-13.00-121.16	230-13.00-1
MARTIN LYDIA A		9490 CLENDANIEL POND RD	LINCOLN	DE 19	9960	230-13.00-121.04	230-13.00-1
MOORE ROBERT L & BARBARA	J	20053 FLEATOWN RD	LINCOLN	DE 19	960	230-13.00-121.05	230-13.00-1
MORGAN DOUGLAS R		18024 JOHNSON ROAD	LINCOLN	DE 19	960	230-13.00-148.02	230-13.00-1
MOSER ALFRED D JR	RICHEEL LYNN LEE	19899 PINE ST	LINCOLN	DE 19	9960	230-13.00-114.00	230-13.00-1

NOBLE ANTHONY	NANCY E NOBLE	19375 FLEATOWN RD	LINCOLN	DE	19960	230-13.00-121.09	230-13.00-1
PARRIS WILLIAM H TRUSTEE		9437 CLENDANIEL POND RD	LINCOLN	DE	19960	230-13.00-148.03	230-13.00-1
PICCIOTTO JUDITH	DANIEL PICCIOTTO	20 WATER ST	LINCOLN	DE	19960	230-13.00-223.00	230-13.00-2
POULSON JOHN J TTEE REV TR	KATHLEEN W POULSON	9368 CLENDANIEL POND RD	LINCOLN	DE	19960	230-13.00-119.00	230-13.00-1
R S BAUER PROPERTIES LLC		14380 S DUPONT HWY	HARRINGTO	DE	19952	230-13.00-118.00	230-13.00-1
RIVERA VIRGINIO JR		20073 FLEATOWN ROAD	LINCOLN	DE	19960	230-13.00-121.02	230-13.00-1
ROBBINS DIANE TRUSTEE		9455 CLENDANIEL POND RD	LINCOLN	DE	19960	230-13.00-148.01	230-13.00-1
ROGERS GLORIA TRUDENNA NE	THERESA JOHNSON THO	32654 OMAR RD	FRANKFOR	DE	19945	230-13.00-121.14	230-13.00-1
RUNNE MICHAEL B	MARA L RUNNE	9472 CLENDANIEL POND RD	LINCOLN	DE	19960	230-13.00-121.13	230-13.00-1
SHORT TY L		12 WATER ST	LINCOLN	DE	19960	230-13.00-220.00	230-13.00-2
SMITH ROBERT D	DORIS B SMITH	20091 FLEATOWN RD	LINCOLN	DE	19960	230-13.00-121.12	230-13.00-1
SPANGLER CARL A	BRITNEY M SPANGLER	20113 FLEATOWN RD	LINCOLN	DE	19960	230-13.00-121.07	230-13.00-1
SUIT MORGAN		19867 PINE ST	LINCOLN	DE	19960	230-13.00-116.02	230-13.00-1
SWAIN JANET A		19349 FLEATOWN RD	LINCOLN	DE	19960	230-13.00-121.10	230-13.00-1
TRASATTI NICHOLAS R	MEGAN JEWELL	33924 CEDAR RD	LEWES	DE	19958	230-13.00-107.00	230-13.00-1
UNKNOWN	UNKNOWN	9465 CLENDANIEL POND RD	LINCOLN	DE	19960	230-13.00-148.04	230-13.00-1
VUONO DOROTHY I		19337 FLEATOWN RD	LINCOLN	DE	19960	230-13.00-121.11	230-13.00-1
WALLS NORMAN CURTIS	TRAVIS WADE WALLS	16097 FITZGERALDS RD	MILFORD	DE	19963	230-13.00-148.00	230-13.00-1
WATSON JOHN L	JULIE ELIZABETH WATSO	9399 CLENDANIEL POND RD	LINCOLN	DE	19960	230-13.00-149.01	230-13.00-1
WINK GEORGE T MARIANNE G	WINK	7 WATER ST	LINCOLN	DE	19960	230-13.00-106.00	230-13.00-1
YERKES MICHAEL C CHERI H	YERKES	8 WATER ST	LINCOLN	DE	19960	230-13.00-112.00	230-13.00-1
YOUNG COREY E	JOYCE L YOUNG	3468 GRAND AVE	OJAI	CA	93023	230-13.00-110.00	230-13.00-1
YOUNG ISAAC E JR	VICKI L YOUNG	9424 CLENDANIEL POND RD	LINCOLN	DE	19960	230-13.00-121.17	230-13.00-1
YOUNG JOANNE		PO BOX 25	LINCOLN	DE	19960	230-13.00-116.01	230-13.00-1

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121.10

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Donna Smith - Mailing List Map

