

RECEIVED
PLANNING DEPARTMENT
JAN 18 2022
TOWN OF YORKTOWN



To: Town of Yorktown Planning Board

From: Ecogy Energy

Date: January 10, 2022

Re: Ecogy Kitchawan Community Solar Farm LLC Updated Landscaping Plan and Access Road Design

Ecogy Kitchawan Community Solar Farm is a proposed 2,670.3 KW-DC ground mounted solar PV system located at 716 Kitchawan Road, Yorktown, NY 10562. Ecogy has been working with the Planning Department to address concerns around screening from surrounding roads and properties. The latest landscaping plan and site plan are included in this submission package. This letter explains the process through which we arrived at the latest landscaping and screening plan and site plan update.

Ecogy submitted site sections from Kitchawan Road and the two neighbors to the West on December 13, 2021, which were reviewed by the Director of Planning, John Tegeder. In a phone conversation on January 5, 2022, Mr. Tegeder advised that no additional screening is required from Kitchawan Rd because the topography, existing trees, and proposed landscaping will block the arrays from view. Mr. Tegeder also informed Ecogy that he would like to see trees along the West side of the access road that will be 25 to 30 ft in height by year 5 at the latest to screen the arrays from the neighbors' view. Ecogy incorporated his comments and updated our landscaping plan to include the trees along the entire access road. To achieve the screening requested by Mr. Tegeder, our Landscape Architect recommends mostly Arborvitae with some Pines to be planted along the access road. We recognize the selection of species is not very diverse, however, it is the best solution to achieve the screening guidelines provided by Mr. Tegeder. Ecogy hopes the latest landscaping plan meets the Board's requirements for screening and is acceptable.

In addition to the changes to the landscaping plan, Ecogy has also updated the design of the site access road. Ecogy had previously planned for the access road to use an additional driveway onto Kitchawan Road (NYS Route 134). However, after consultation with the Department of Transportation (DOT), we were informed that an additional driveway onto the state road would not be permitted by the DOT due to safety concerns, as the property already has two driveways. Due to this, Ecogy has updated the site plans to connect the solar access road to an existing driveway. Changing the access road design has the added benefit of increasing screening along Kitchawan Road since there will no longer be a line of sight along the new access road towards the solar arrays. The updated site plan is included in this submission package for the Board's review.

Thank you for your continued consideration of this project. Please contact Ecogy with any questions.



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UTILITY EQUIPMENT KEY:

- ① NEW UTILITY OWNED 2000 KVA TXFMR
13.2 KV WYE PRIMARY, 480 V WYE SECONDARY
- ② UTILITY OWNED RECLOSER POLE AND DISCONNECT
- ③ EXISTING UTILITY POLE #W.55

CUSTOMER EQUIPMENT KEY:

- A AC DISCONNECT SWITCH (PV SYSTEM)
SOLAREGE INVERTERS
AC COMBINER PANEL
PV SYSTEM UTILITY METER
DAS
- B (NEW) CUSTOMER OWNED RISER POLE WITH UTILITY SUPPLIED KYLE SWITCH TO BE INSTALLED BY CUSTOMER

NOTE:

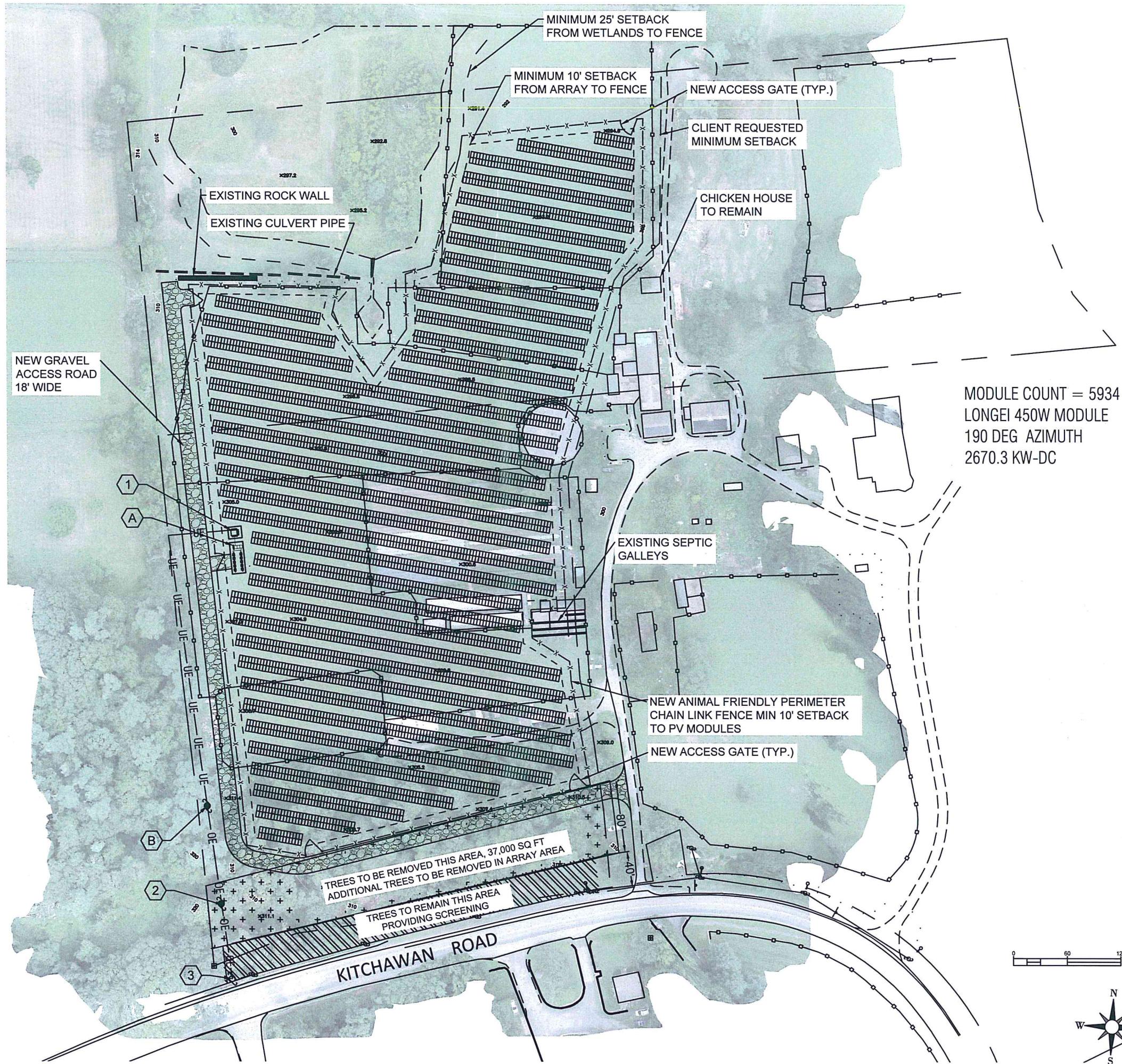
1. MEADOW SEED MIXTURE TO BE PLANTED BETWEEN PV ARRAY ROWS
2. FENCING AROUND THE ARRAY WILL BE WILDLIFE FRIENDLY

SYMBOLS LEGEND:

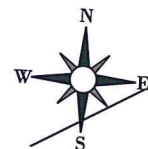
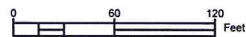
- EXISTING UTILITY POLE
- PROPOSED UTILITY POLE

LINETYPE LEGEND:

- APPROXIMATE PROPERTY LINE
- PROPERTY LINE SETBACK
- PROPOSED CHAINLINK FENCE
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- APPROXIMATE WETLAND BOUNDARY GIS
- 10' ARRAY SETBACK



MODULE COUNT = 5934
LONGE1 450W MODULE
190 DEG AZIMUTH
2670.3 KW-DC



ECOGY ENERGY
315 FLATBUSH AVENUE, SUITE 393
BROOKLYN, NY 11217
projectmanagement@ecogyenergy.com
(718)-304-0945

Ecogy New York XI LLC

Project Name:
KITCHAWAN
2670.3 KW-DC PV SYSTEM
GROUND MOUNT

Project Site:
**716 KITCHAWAN ROAD,
OSSINING, NY, 10562**

Account No: xxxxx
New Service Case #: xxxxx

DOP	SCG	BY	DATE	REVISION DESCRIPTION	#
9/24/2021				UPDATED ACCESS ROAD	2
7/8/2021				UPDATED ARRAY LAYOUT AND MISC NOTES	1

Professional Stamp

PRELIMINARY

SHEET NAME:

SITE PLAN

PROJECT NUMBER: ---	DRAWN BY: SCG	CHECKED BY: JLA
DATE: 07/28/21	DWG. NUMBER:	
SHEET NUMBER: X of X	PV-100	

