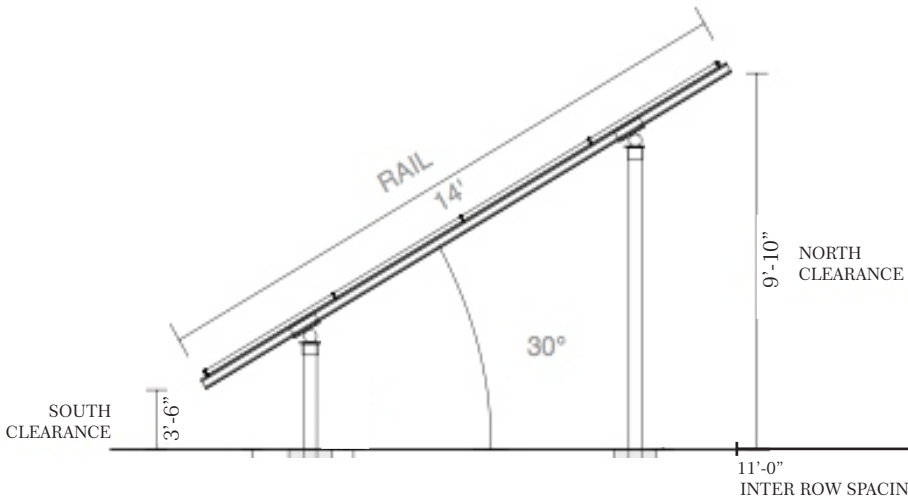


SYSTEM DETAILS

- 6.4 kW GROUND MOUNTED SOLAR ARRAY
- (16) JINKO 400 WATT SOLAR PANELS MOUNTED IN FIELD 200' NORTH OF METER
- (1) SMA SBSE 5.8 kW INVERTER LOCATED AT GROUND MOUNTED SOLAR ARRAY
- PRE-EXISTING SOLAR: PROPOSED SOLAR TO BE INSTALLED ADJACENT TO 19.68 kW DC / 15.4 kW AC OF EXISTING GROUND MOUNTED SOLAR ASSOCIATED WITH NYSEG ACCOUNT #1009-223-6792 AND NYSEG METER # 22747796
- RACKING: IRON RIDGE SELF BONDED RACKING SYSTEM - 3" SCHED 40 GALVINZED STEEL PIPE - HELICAL PILES
- MAIN DISTRIBUTION PANEL: LOCATED ON ELECTRICAL STANCHION WITH UTILITY METER.
- CONDUIT: 300' OF PVC CONDUIT RUNS UNDERGROUND FROM ARRAY TO POI
- DISCONNECTS: MAIN PV AC DISCONNECT IS 200AS/200AF BLADED DISCONNECT LOCATED NEXT TO UTILITY METER AT ELECTRICAL STANCHION. INTEGRATED DC DISCONNECT LOCATED AT EACH INVERTER.
- POINT OF INTERCONNECTION: BACKFED BREAKER IN DEDICATED PV DISTRIBUTION PANEL.
- MONITORING: SUNNY PORTAL BY SMA

PV ARRAY CROSS SECTION



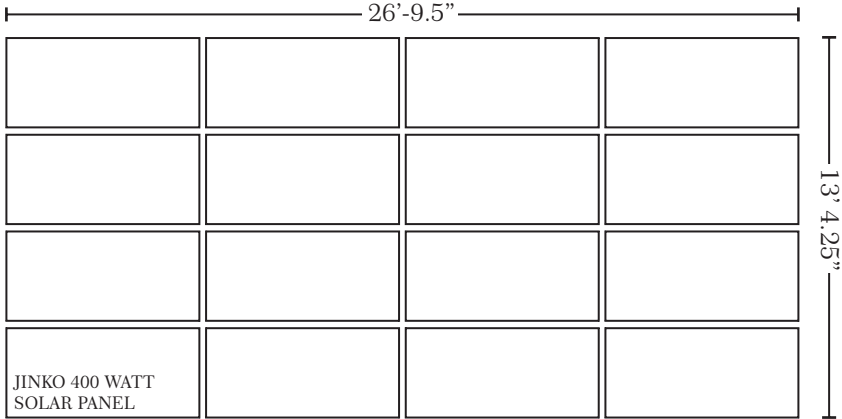
LEGEND AND LOCATIONS

- 1 PROPOSED SOLAR PANELS / INVERTER
- 2 UTILITY METER
- 3 MAIN DISTRIBUTION PANEL
- 4 MAIN PV AC DISCONNECT
- 5 POINT OF INTERCONNECTION
- 6 EXISTING SOLAR PANELS / INVERTERS

DESIGN CRITERIA

SNOW LOAD:	50 PSF
WIND SPEED:	115 MPH
AZIMUTH:	180 TRUE
ARRAY PITCH:	30 DEG

PV ARRAY BIRDSEYE VIEW



Autonomous Energies PO Box 1245 Kingston, NY 12402			
PROJECT: ZEN MOUNTAIN MONASTER SITE PLAN			
ADDRESS: 871 PLANK RD MT. TREMPER, NY 12457	TITLE/PART/DESCRIPTION: 6.4 kW SOLAR SYSTEM		
	NYSERDA INSTALLER # 5060		REVISION: 2
DRAWN BY: Adam Katzman	SCALE:	DATE DRAWN: 1/30/25	PAGE: 1 of 1