

Alternate: Solar Installations shown as:



- SITE NOTES**
1. THERE WILL BE 24'7" UNESCORTED ACCESS TO CONED EQUIPMENT
 2. CUSTOMER WILL COORDINATE WITH COHED WITH TECHNICAL DETAILS AND LOCATION OF PRIMARY METER
 3. CUSTOMER OWNED POLES WILL BE A MINIMUM OF 30' FROM SOLAR MODULES
 4. CUSTOMER OWNED POLES WILL BE MINIMUM 25' APART UNLESS NOTED OTHERWISE
 5. NOT FOR CONSTRUCTION

SYSTEM SPECIFICATIONS

- SYSTEM SIZE: 1.1 MW (1100 kW)
- BESS PLATFORM: (3) LG1-720-MDC-LINK
- BESS NAMEPLATE CAPACITY: 1533kW
- BESS DISCHARGE POWER CAPACITY: 1533kW
- BESS CHARGE POWER CAPACITY: 1533kW
- PV RACKING: (3) 21' SILENCE-S80 40' 550W
- PV RACKING: (3) 21' SILENCE-S80 40' 550W TRACKER
- INVERTER: (3) EPC C48000AC-3L 2-400V / 200kW
- INVERTER POWER CURTAILED TO 99kW
- POWER FACTOR: 1.0
- GRID CONNECTION: 12.47KV
- GROUNDED RATIO: 0.33
- FENCED AREA: 22.9 ACRES

SITE SPECIFICATIONS

- ZONING: 12.47KV
- ZONING SETBACKS: ASSIGNED 50' FROM PARCEL BOUNDARY
- UTILITY: COHED
- INTERCONNECTION SERVICE VOLTAGE: 12.47KV
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- ASHRAE EXTERIOR TEMP: 27.7°C
- EPC TO DETERMINE DC CONSUMER USAGE AND LOCATIONS

- LEGEND**
- ACCESS ROAD
 - AREA OF INTEREST
 - HIGH VOLTAGE OVERHEAD ELECTRICAL LINES
 - MEDIUM VOLTAGE OVERHEAD ELECTRICAL LINES
 - LOW VOLTAGE UNDERGROUND ELECTRICAL LINES
 - FENCELINE
 - PARCEL BOUNDARY
 - PIPE ACCESSWAYS
 - OBSTRUCTIONS
 - SETBACKS
 - TREE REMOVAL
 - VEGETATIVE BUFFER
 - WETLAND AREA



11L0143-MAINST-WINNEBAGO
E100
DATE: 2026.07.09
PROJECT: 11L0143-MAINST-WINNEBAGO
42.131721, -98.013478
P05000E, IL 61073

REV	DATE	DESCRIPTION
0	JUL 2025 06.20	PRELIMINARY DESIGN
1	MAY 2025 10.20	PRELIMINARY DESIGN
2	MAY 2025 05.28	EQUIPMENT UPGRADE, ADDING VEGETATIVE BUFFER, INFORMATIONAL BESS
3	MAY 2026 07.09	CAD DESIGN UPDATES