

GREENSPARK  SOLAR

Construction Progress Report

AC Power 9, LLC



GREENSPARK  SOLAR

Loyal to People. Loyal to Planet.

DATE: Friday, November 25th, 2022

PREPARED BY: Jason Martin



GreenSpark Solar - Project Team

Tony D'Ambra

Portfolio Manager, Manager of Commercial Project Management

C: 585-749-8520

E: anthony.dambra@greensparksolar.com

Jason Martin

Senior Commercial Project Manager

C: 585-615-7752

E: jason.martin@greensparksolar.com

Patrick O'Malley

Commercial Site Superintendent

E: patrick.omalley@greensparksolar.com

Yash Bhatkar

Commercial PV Designer

C: 585-265-2384

E: yash.bhatkar@greensparksolar.com

KSI - Project Team

John Chaimanis

Managing Director

E: jchaimanis@kendallinvestments.com

Ashton Kille

Business Development Analyst

E: akille@kendallinvestments.com

Eric Luesebrink

Business Development Analyst

E: eluesebrink@kendallsustainableinfrastructure.com

SAFETY

- All site workers must complete GreenSpark Solar Safety Training before commencing work.
- OSHA 30 for supervisors, and OSHA 10 for all site workers
- Proper PPE must be worn as required by task
- Site cleanliness is a top priority throughout this project
- JHA/JHA lead by GreenSpark Solar to be documented daily

SUMMARY OF WORK COMPLETED WEEK OF 11/17/2022 – 11/24/2022

- Swale work(ongoing)
- Racking leveling pads(ongoing)
- Ballast Basket assembly(ongoing)
- Racking delivery(ongoing)
- Racking assembly(ongoing)

MAJOR COMPONENTS DELIVERY & INVENTORY

Material	Delivery Date	Inspection	Storage
Ballast Baskets - Hanwha	11/2/2022	0%	100%
Racking - Hanwha	11/2022	0%	100%
Ballast Baskets - REC	TBD 2022	0%	100%
Racking - REC	TBD 2022	0%	75%
DC Combiners	TBD 2022	0%	0%
Sungrow Inverters	TBD 2022	0%	0%
Hanwha Modules	November 2022	0%	0%
REC Modules	December 2022	0%	0%
AlsoEnergy DAS	March 2023	0%	0%
GOAB/Air Switch	TBD 2023	0%	0%
MV Transformer(s)	TBD 2022	0%	0%
AC Panelboard(s)	TBD 2023	0%	0%

SITE CIVIL CONSTRUCTION

Task	% Complete Previous Report	
Erosion Controls	0%	100%
Temporary Road Installation	0%	100%
Leveling Pads	31%	42%
Equipment Pad Base Prep	0%	0%
Stabilized Entrance	0%	100%
Swale Culverts	10%	60%
Equipment Pad Base Prep	0%	0%
Concrete Washout	0%	0%
Temporary Road Restoration	0%	0%
Final Site Restoration & Seeding	0%	0%

STRUCTURAL CONSTRUCTION

Task	% Complete Previous Report	% Complete to Date
Survey / Layout	100%	100%
Ballast Baskets	33%	64%
Ballast Basket Fill	0%	9%
Racking	3%	32%
Modules	0%	0%

ELECTRICAL CONSTRUCTION

Task	% Complete Previous Report	% Complete to Date
Module Series Connections	0%	0%
DC Cable Trays Installed	0%	0%
DC Source Circuit Strings Pulled	0%	0%
DC Source Circuit String Terminations (Field)	0%	0%
DC Source Circuit String Terminations (Inverter)	0%	0%
DC Wire Management	0%	0%
Inverter Racks Installed	0%	0%
DC Combiners Installed	0%	0%
Inverters Installed	0%	0%
AC Cable Trays Installed	0%	0%
AC Output Circuits Pulled	0%	0%
AC Output Circuit Terminations (Inverter)	0%	0%
AC Output Circuit Terminations (Panelboard)	0%	0%
AC Panelboard Installed	0%	0%
MV Cable Trays Installed	0%	0%
MV Feeders Pulled	0%	0%
MV Feeder Terminations (AC Panelboard)	0%	0%
MV Feeder Terminations (Transformer)	0%	0%
Equipment Pad Installed	0%	0%
Transformer Installed	0%	0%
MV Output Circuit Conduit	0%	0%
MV Output Circuit Pulled	0%	0%
MV Output Circuit Terminations (X-Former)	0%	0%

MV Output Circuit Termination (NG Pole)	0%	0%
DAS & Communication Installed	0%	0%
Grounding Transformer Installed	0%	0%
Grounding Transformer Terminations	0%	0%

ELECTRICAL CIVIL CONSTRUCTION

Task	% Complete Previous Report	% Complete to Date
Equipment Pads	0%	0%

UTILITY CONSTRUCTION

Task	% Complete Previous Report	% Complete to Date
Recloser Pole	0%	0%
Recloser	0%	0%
Metering Pole	0%	0%
Metering CT's	0%	0%

INSPECTIONS

Inspection	Inspected By	Frequency	Pass / Fail	Date
Electrical (PV & Final)	3 rd Party Inspector	1x	-	-
Building Permit Closeout	Town of Verona	1x	-	-
Witness Test	National Grid	1x	-	-

QUALITY CONTROL

Quality Control Measure	Performed By	Date Range
Visual Inspections & Documentation	GreenSpark	Ongoing
Ballast & Racking Installation	TBD & GreenSpark	TBD
Module Installation	TBD & GreenSpark	TBD
IRT/Megger	GreenSpark	TBD
HiPot/VLF	MV Subcontractor (TBD)	TBD
Grounding Continuity	GreenSpark	TBD
Open-Circuit Voltage	GreenSpark	TBD
Short Circuit Current	GreenSpark	TBD
IV-Curve Tracing	GreenSpark	TBD

LOOKING FORWARD

- APA ballast basket and hardware delivery(ongoing)
- Racking assembly
- Swale work(ongoing)
- Racking leveling pads(ongoing)
- Ballast Basket assembly(ongoing)

HISTORICAL & FORECASTED WEATHER DATA

GREENSPARK SOLAR

November 

2022 

[View](#)

SUN	MON	TUE	WED	THU	FRI	SAT
30	31	1	2	3	4	5
						
Mostly Sunny	Mostly Sunny	Cloudy	Mostly Sunny	Mostly Sunny	Partly Cloudy	Mostly Cloudy
68°	61°	65°	60°	60°	68°	72°
32°	36°	52°	37°	42°	56°	63°
						
0 in	0 in	0 in				
6	7	8	9	10	11	12
						
Cloudy	Partly Cloudy	Sunny	Sunny	Partly Cloudy	Showers	Showers
71°	66°	49°	54°	60°	62°	55°
57°	36°	28°	34°	43°	45°	35°
						
0.06 in	0 in	0 in	0 in	0.11 in	0.24 in	0.15 in

GREENSPARK SOLAR

<p>13</p>  <p>Partly Cloudy</p> <p>48°</p> <p>30°</p>  <p>0 in</p>	<p>14</p>  <p>Partly Cloudy</p> <p>47°</p> <p>31°</p>  <p>0.2 in</p>	<p>15</p>  <p>Mostly Cloudy</p> <p>48°</p> <p>30°</p>  <p>0 in</p>	<p>16</p>  <p>PM Rain/Snow Showers</p> <p>46°</p> <p>31°</p>  <p>1.2 in</p>	<p>17</p>  <p>AM Rain/Snow</p> <p>44°</p> <p>27°</p>  <p>0.3 in</p>	<p>18</p> <p>45°</p> <p>25°</p>  <p>0.1 in</p>	<p>19</p> <p>45°</p> <p>25°</p>  <p>0.1 in</p>
<p>20</p> <p>44°</p> <p>25°</p>  <p>0.1 in</p>	<p>21</p> <p>44°</p> <p>24°</p>  <p>0.1 in</p>	<p>22</p> <p>44°</p> <p>24°</p>  <p>0.2 in</p>	<p>23</p> <p>43°</p> <p>24°</p>  <p>0.2 in</p>	<p>24</p> <p>43°</p> <p>23°</p>  <p>0.2 in</p>	<p>25</p> <p>42°</p> <p>23°</p>  <p>0.2 in</p>	<p>26</p> <p>42°</p> <p>23°</p>  <p>0.2 in</p>
<p>27</p> <p>42°</p> <p>22°</p>  <p>0.2 in</p>	<p>28</p> <p>41°</p> <p>22°</p>  <p>0.2 in</p>	<p>29</p> <p>41°</p> <p>22°</p>  <p>0.2 in</p>	<p>30</p> <p>40°</p> <p>21°</p>  <p>0 in</p>	<p>1</p> <p>40°</p> <p>21°</p>  <p>0 in</p>	<p>2</p> <p>40°</p> <p>21°</p>  <p>0.2 in</p>	<p>3</p> <p>39°</p> <p>21°</p>  <p>0.2 in</p>

Construction Photos Week Ending 11/24/22



Site Overview



Site Overview



Leveling Pads



Leveling Pads



Basket Assembly



Basket Assembly

Construction Photos Week Ending 11/24/22



Racking Assembly



Racking Assembly



Racking Assembly



Racking Assembly



Swale Work



Swale Work