

**Case No. 18-0453-EL-REN**  
**Walton 2 Solar Facility**  
**Staff Interrogatories – Initial Set**

Question 1: In Section A of the application, according to Google maps the facility street address and the facility latitude and longitude are 150 miles apart. Please provide the correct facility street address and the facility latitude and longitude.

Answer 1: Corrected coordinates are: 38.847893, -84.591162. Address is correct.

Question 2: In Section I.a of the application, the nameplate capacity is listed as 2.0311 MW. However, in section G.1 you state that the system has 8,512 335 watt panels which would give you a nameplate capacity of 2.85152 MW. Is the nameplate capacity 2.85152? If not, please explain how the nameplate capacity was determined.

Answer 2: The nameplate capacity for Walton 2 should be 2.85152 MW.

Question 3: In Section G.3 the facility photo of the Walton 2 solar facility is the same as the facility photo of Walton 1 solar facility (18-0452-EL-REN). Please indicate on the facility photo or a diagram of the combined facility which modules belong to which facility.

Answer 3: See attached site plan. To orient as the picture is presented in the application please rotate the site plan 180 degrees where the text is upside down.








AZIMUTH = 180°  
 ROW PITCH = 9 M (29'-6")  
 TILT ANGLE = 25°  
 RACK CONFIGURATION = 2X19 IN PORTRAIT  
 TOTAL NO. OF RACKS = 146  
 RACK CONFIGURATION = 2X38 IN PORTRAIT  
 TOTAL NO. OF RACKS = 39  
 NO. OF MODULES PER STRING = 19  
 TOTAL NO. OF MODULES = 8,512  
 MODULE POWER = 335W DC  
 PV MODULE = TRINA TALLMAX M PLUS 335W  
 ILR = 1.41  
 SYSTEM DC POWER = 2.85MW  
 INVERTER = (32) SCHNEIDER 1000 VDC 63.4  
 SYSTEM AC POWER = 2.03MW

AZIMUTH = 180°  
 ROW PITCH = 9 M (29'-6")  
 TILT ANGLE = 25°  
 RACK CONFIGURATION = 2X19 IN PORTRAIT  
 TOTAL NO. OF RACKS = 142  
 RACK CONFIGURATION = 2X38 IN PORTRAIT  
 TOTAL NO. OF RACKS = 41  
 NO. OF MODULES PER STRING = 19  
 TOTAL NO. OF MODULES = 8,512  
 MODULE POWER = 335W DC  
 PV MODUL = TRINA TALLMAX M PLUS 335W  
 ILR = 1.41  
 SYSTEM DC POWER = 2.85MW  
 INVERTER = (32) SCHNEIDER 1000 VDC 63.4 kW  
 SYSTEM AC POWER = 2.03MW

"A" denotes  
Walton 2, "B"  
denotes Walton 1

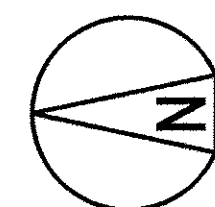
Walton 1

	15 FOOT HARNESS
	78 FOOT HARNESS
	141 FOOT HARNESS
	204 FOOT HARNESS
	8 AWG CUSTOM CABLE


## SITE ACCESS

100' 50' 0 100' 200'

1"=100'



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TRACEABILITY OF THIS DRAWING TO THE LATEST  
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<div style="display: flex; justify-content: space-between;"> <div> <div>3</div> <div>02/FEB/18</div> <div>CONFORMS WITH CONSTRUCTION RECORDS-NIC</div> </div> <div> <div>APJ</div> <div>MDK</div> <div>-</div> <div>CL</div> <div>SK</div> </div> </div>										<div style="display: flex; justify-content: space-between;"> <div> <div>I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF KENTUCKY.</div> <div> <div>SIGNED</div> <div>CHARLES LADD</div> </div> <div> <div>DATE</div> <div>30/OCT/17</div> <div>REG NO.</div> <div>32692</div> </div> </div> </div>									
<div style="display: flex; justify-content: space-between;"> <div> <div>2</div> <div>30/OCT/17</div> <div>REVISED PER ECN-N-E-0004</div> </div> <div> <div>KK</div> <div>MDK</div> <div>CL</div> <div>CL</div> <div>SK</div> </div> </div>										<div style="display: flex; justify-content: space-between;"> <div> <div></div> <div> <div>DESIGNER</div> <div>MDK</div> </div> </div> <div> <div><div>DRAWN</div><div>KK</div></div> </div> </div>									
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<div style="display: flex; justify-content: space-between;"> <div> <div>NO</div> <div>DATE</div> </div> <div> <div>REVISIONS AND RECORD OF ISSUE</div> </div> <div> <div>DRN</div> <div>DES</div> <div>CHK</div> <div>PDE</div> <div>APP</div> </div> </div>										<div style="display: flex; justify-content: space-between;"> <div> <div>BLACK &amp; VEATCH</div> <div> <div>DUKE ENERGY</div> <div>WALTON I &amp; II SOLAR PROJECTS</div> </div> <div> <div>SITE ELECTRICAL</div> <div>ELECTRICAL RACK CONFIGURATION</div> </div> </div> <div> <div>PROJECT</div> <div>DRAWING NUMBER</div> </div> <div> <div>WSF00-LG-E-AE.00.PL-02</div> <div>3</div> </div> </div>									
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