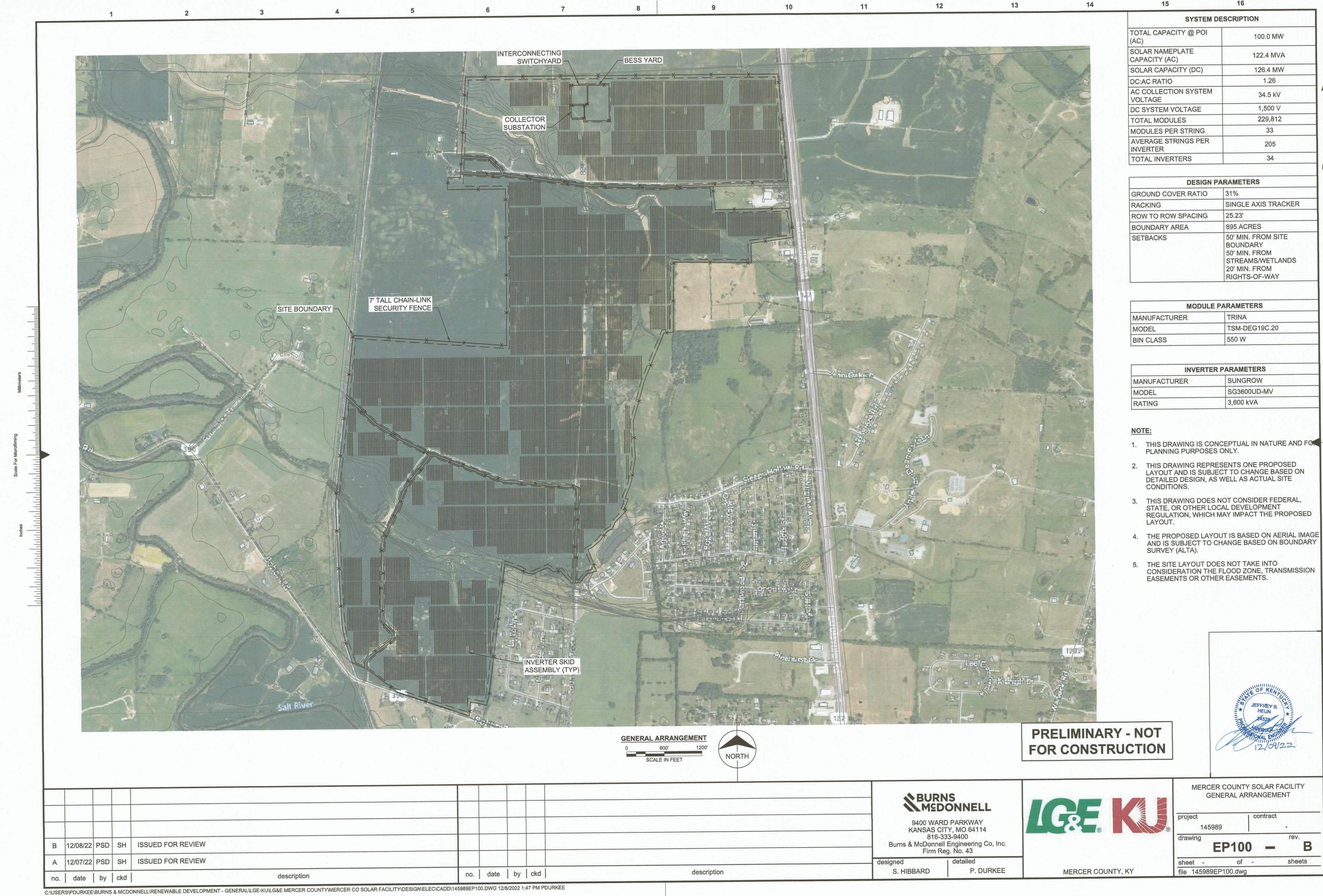
Joint Application Exhibit 3 Mercer County Solar Facility Maps, Conceptual Plans, Specifications, and Drawings



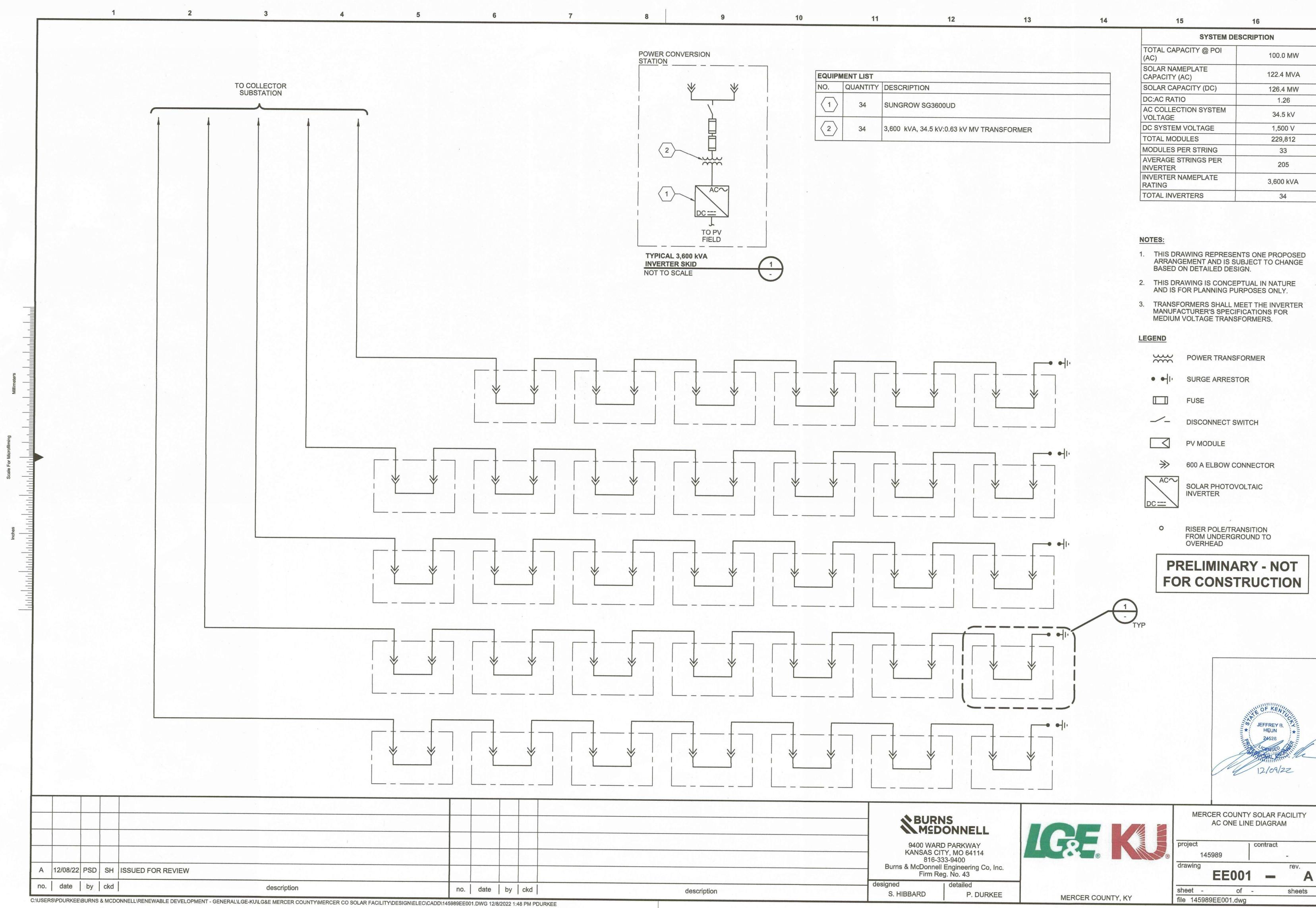
			9400 KANSA
			Burns & McDo Fi
no. date	by ckd	description	designed S. HIBBARD

SYSTEM DESC	RIPTION	
TOTAL CAPACITY @ POI (AC)	100.0 MW	
SOLAR NAMEPLATE CAPACITY (AC)	122.4 MVA	
SOLAR CAPACITY (DC)	126.4 MW	
DC:AC RATIO	1.26	
AC COLLECTION SYSTEM VOLTAGE	34.5 kV	A
DC SYSTEM VOLTAGE	1,500 V	
TOTAL MODULES	229,812	
MODULES PER STRING	33	
AVERAGE STRINGS PER	205	
TOTAL INIVERTERS	34	

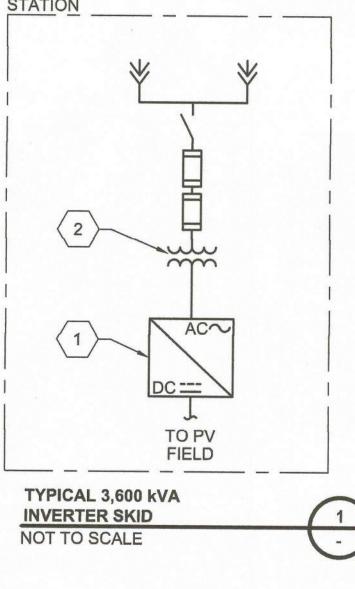
		_
DESIGN F	PARAMETERS	
GROUND COVER RATIO	31%	
RACKING	SINGLE AXIS TRACKER	
ROW TO ROW SPACING	25.23	
BOUNDARY AREA	895 ACRES	
SETBACKS	50' MIN. FROM SITE BOUNDARY 50' MIN. FROM STREAMS/WETLANDS 20' MIN. FROM RIGHTS-OF-WAY	

MODULE PARAMETERS			
MANUFACTURER	TRINA		
MODEL	TSM-DEG19C.20	D	
BIN CLASS	550 W		

INVERT	ER PARAMETERS	
MANUFACTURER	SUNGROW	
MODEL	SG3600UD-MV	
RATING	3,600 kVA	E



EQUIP	MENT LIST	
NO.	QUANTITY	DESCRIPTION
$\langle 1 \rangle$	34	SUNGROW SG3
2	34	3,600 kVA, 34.5



Joint Application Exhibit 3 | Page 2 of 2

13	14	1	5	16		
			SYSTEM DESCRIPTION			
		TOTAL CAP (AC)	ACITY @ POI	100.0 MW	-	
		SOLAR NAM	ALL	122.4 MVA	-	
		CAPACITY (AC) PACITY (DC)		-	
		DC:AC RATI		126.4 MW 1.26	-	
		AC COLLEC	TION SYSTEM	34.5 kV	A	
ORMER		DC SYSTEM	I VOLTAGE	1,500 V		
		TOTAL MOD	and the second second second second second	229,812		
			PER STRING	33	_	
		INVERTER	AMEPLATE	205		
		RATING		3,600 kVA	В	
		TOTAL INVE	RTERS	34	-	
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		LEGEND		SFORMERS.		
			POWER TRANS	FORMER	D	
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			DISCONNECT S	SWITCH	E	
┌──● ●┤ ।·			PV MODULE			
			600 A ELBOW C	CONNECTOR	┝	
		DC==	SOLAR PHOTO INVERTER	VOLTAIC	F	
 • •		0	RISER POLE/TR FROM UNDERG OVERHEAD			
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