

WWW.NORCALCONTROLS.NET 6048 ENTERPRISE DRIVE DIAMOND SPRINGS, CA 95619 PHONE: 530.621.1255

## **TEAM INFORMATION:**

OWNER: SUNENERGY1



192 RACEWAY DRIVE MOORESVILLE, NC 28117 PHONE: 704.662.0375

CONTROLS ENGINEER: NOR-CAL CONTROLS ES, INC.



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CONTRACTOR: SUNENERGY1



192 RACEWAY DRIVE MOORESVILLE, NC 28117 PHONE: 704.662.0375 METEOROLOGICAL STATION

(MET)

Preliminary - Meteorological

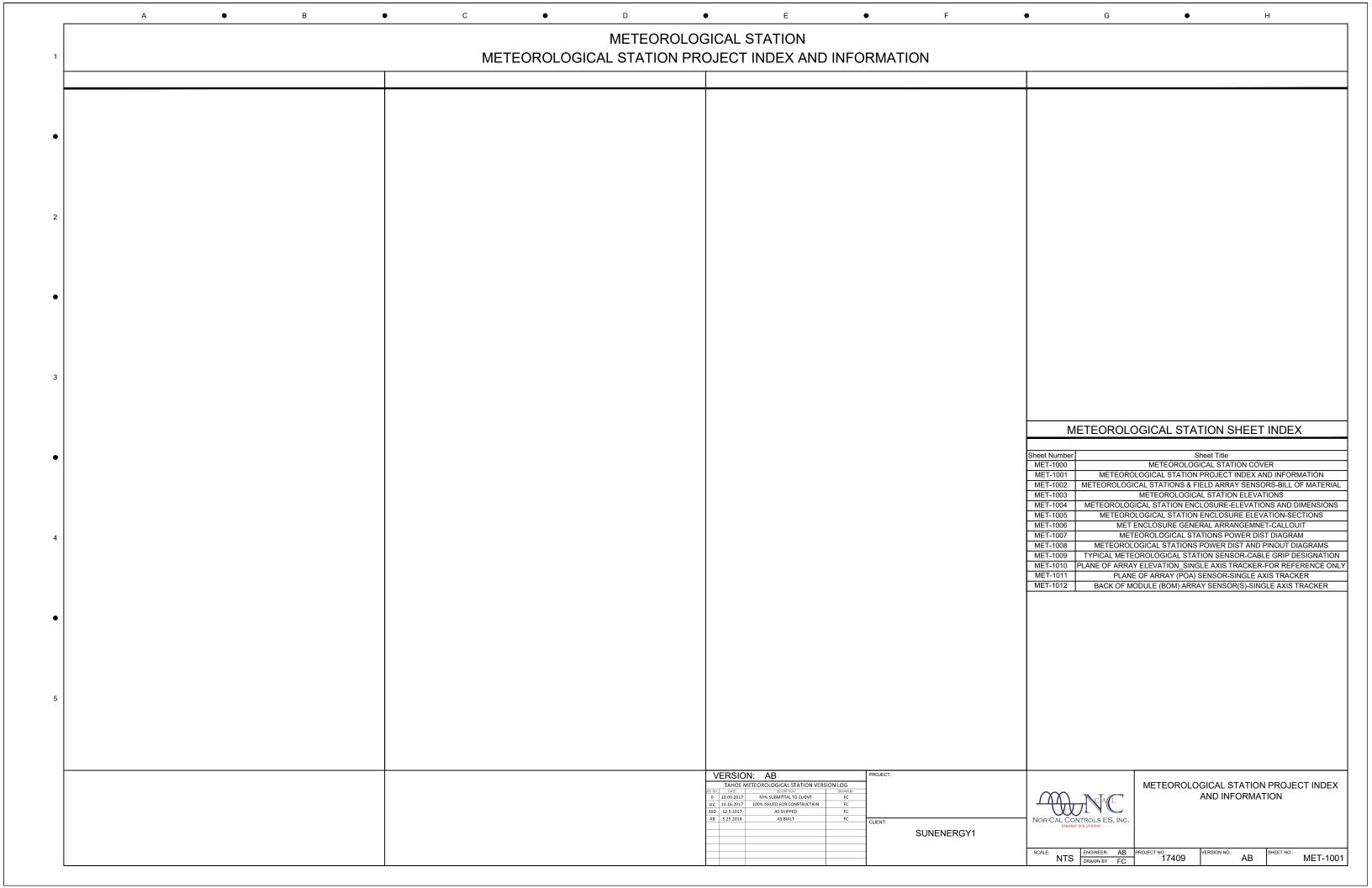
Station -Dixon Run Solar,

LLC (subject to change)

VERSION: AB



TAHOE METEOROLOGICAL STATION VERSION LOG											
VER. NO.:	DATE:		DESCRIPTION			DRAWN BY:					
0	10.09	.2017	50% SUBMITTAL TO CLIENT				FC				
IFC	10.16.2017		100% ISSUED FOR CONSTRUCTION					FC			
ASD	12.5.2017		AS SHIPPED				FC				
AB	5.25.2018		AS BUILT			FC					
SCALE:	NTS	ENGINEER DRAWN BY	, ,,,,	PROJECT NO.: 17409	VERSION NO.:	AB	SHEET NO.:	MET-1000			



## METEOROLOGICAL STATION METEOROLOGICAL STATIONS & FIELD ARRAY SENSORS-BILL OF MATERIAL

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MET STATION										
ITEM #	DESCRIPTION	AMT REQD	MANUFACTURER	PART NUMBER						
SENSORS										
1	ALL IN ONE WEATHER STATION SENSOR, W/10M/32FT COMM. & POWER CABLES	3	LUFFT	WS601-UMB						
2	BACK OF MODULE BOM TEMPERATURE SENSOR W/ 61M/200FT CABLE	6	INGENIEURBURO (IMT)	TM-RS485-MB						
3	IRRADIANCE SENSOR POA W/ 50M/164FT CABLE FOR BLOCKS	6	KIPP & ZONEN	SMP11-A-50M						
4	IRRADIANCE SENSOR GHI W/ 10M/32FT CABLE FOR MET STATION	3	KIPP & ZONEN	SMP11-A-10M						
MOUNTING										
	SKID MOUNT ASSEMBLY (CUSTOMER TO PROVIDE 10' x 2-1/4" OD PIPE MOUNTED TO SKID WITH GROUNDING CLAMP)  3									
5	TOWER STIFFARM 1" EMT CONDUIT 5FT LONG	3	PLATT	065797						
6	TERMINAL STRIKE DEVICE (LIGHTNING ROD) 48IN BY 5/8IN DIA	3	ERICO	ERO-LPC248BST						
	COMMUNICATION									
POWER										
	120 VAC ASSEMBLY 3									
7	POWER SUPPLY, PRIMARY-SWITCHED, TRIO POWER, DIN RAIL, SINGLE, OUTPUT 24VDC/20A	3	PHOENIX CONTACT	2903151						
STANDARD CONTROL PANEL										
	CONTROL PANEL ASSEMBLY	3								
8	COMM. ENCLOSURE (24L X 24W X 10D)	3	ALLIED MOULDED PRO.	AM24240RL						
9	PERFORATED BACK PLATE	3	NOR-CAL	BP01						
10	REDLION DATA STATION PLUS ZR	3	REDLION	DSPZR000						
11	2GB COMPACT FLASH MEMORY CARD	3	SWISSBIT	SFCF2048H2BU2TO-I-MS-527-STD UNSPSC Code 43202005						
12	4 PORT ETHERNET SWITCH	3	N-TRON	304TX						
13	TITE SOLAR MASTHEAD II LIQUID TIGHT CORDGRIP	3	HEYCO	M4524GBW-SM						

SENS

METEOROLOGICAL STATIONS & FIELD ARRAY SENSORS-BILL OF MATERIAL

SCALE: NTS | ENGINEER: AB | PROJECT NO.: 17409 | VERSION NO.: AB | SHEET NO.: MET-1002

