

	NOTE: IF PV IS THE M/ LOAD C LINE SI
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IF PV IS INTERCONNECTED VIA A BUS TAP IN THE MAIN SWITCHGEAR, UTILITY METERED LOAD CT'S SHOULD BE INSTALLED ON THE LINE SIDE OF THE TAP						
		TO GRID				

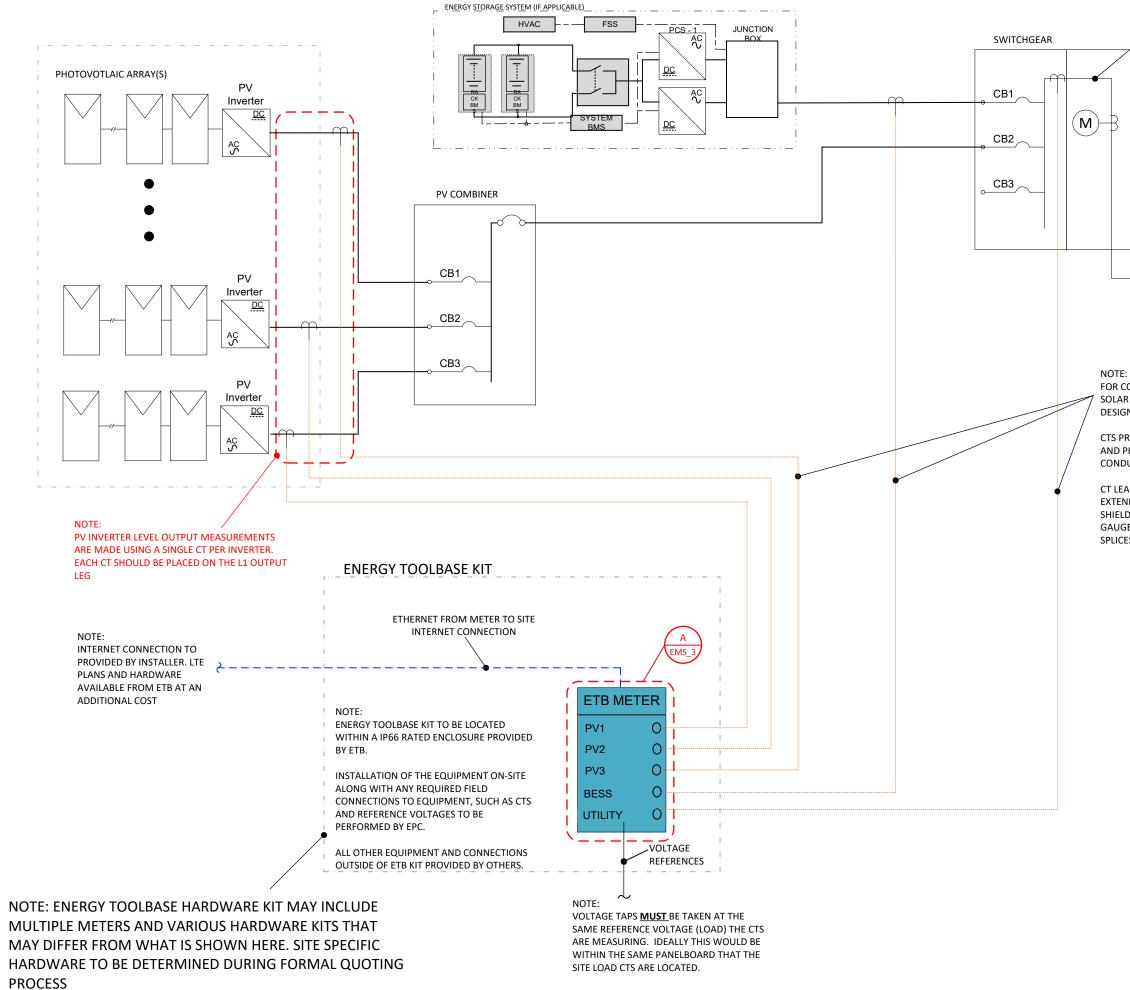
FOR CONVEYING METERING POINTS ONLY. SOLAR INVERTERS WILL HAVE A METERING DESIGN SPECIFIC TO MEET THE SITE DESIGN.

CTS PROVIDED BY ETB. VOLTAGE, AMPERAGE AND PHYSICAL DIMENSIONS OF MEASURED CONDUCTORS/BUS SPECIFIED BY OTHERS

CT LEADS SHOULD NOT EXCCED 100FT. IF EXTENDING FACTORY LEADS, MUST USE SHIELDED TWISTED PAIR OF MATCHING GAUGE. MANUFACTURER RECOMMENDS ANY SPLICES BE SOLDERED

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 CT LEADS



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IF PV IS INTERCONNECTED VIA A BUS TAP IN THE MAIN SWITCHGEAR, UTILITY METERED LOAD CT'S SHOULD BE INSTALLED ON THE LINE SIDE OF THE TAP TO GRID

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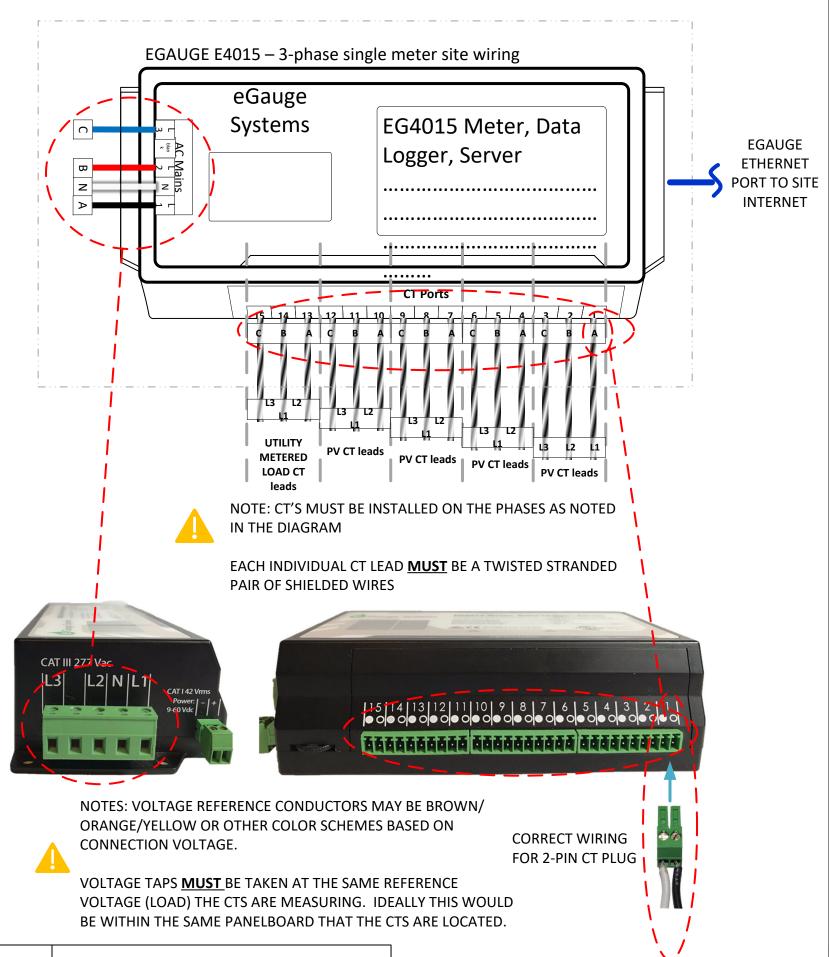
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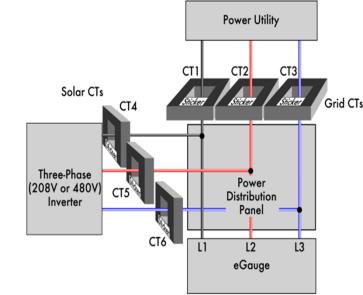
CT LEADS

N	A pasan Company					
	321 E. OSCEOLA ST. STUART, FL 34994 (866) 303.7786 DESCRIPTION: MULTI INVERTER MONITORING					
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	DATE	08.21.23	09.26.24			
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	TITLE: MONITORING ONLY SINGLE LINE					
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	2 OF 5 ©COPYRIGHT ENERGY TOOLBASE THIS DIAGRAM IS PROVIDED FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE BASED ON USE CASE, ACTUAL CONDITIONS ELECTRICAL CODES, UTILITY REQUIREMENTS AND LOCAL CODE ENFORCEMENT.					



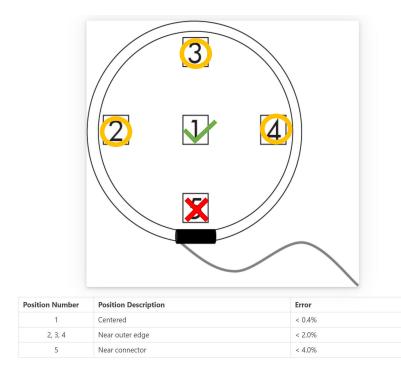


SPLIT AND SOLID CORE CT'S SHOULD BE INSTALLED WITH THE STICKER SIDE FACING THE LOAD BEING MEASURED. CERTAIN CT'S MAY HAVE AN ARROW, IN WHICH CASE ENSURE THE ARROW IS POINTING TOWARDS THE LOAD BEING MEASURED



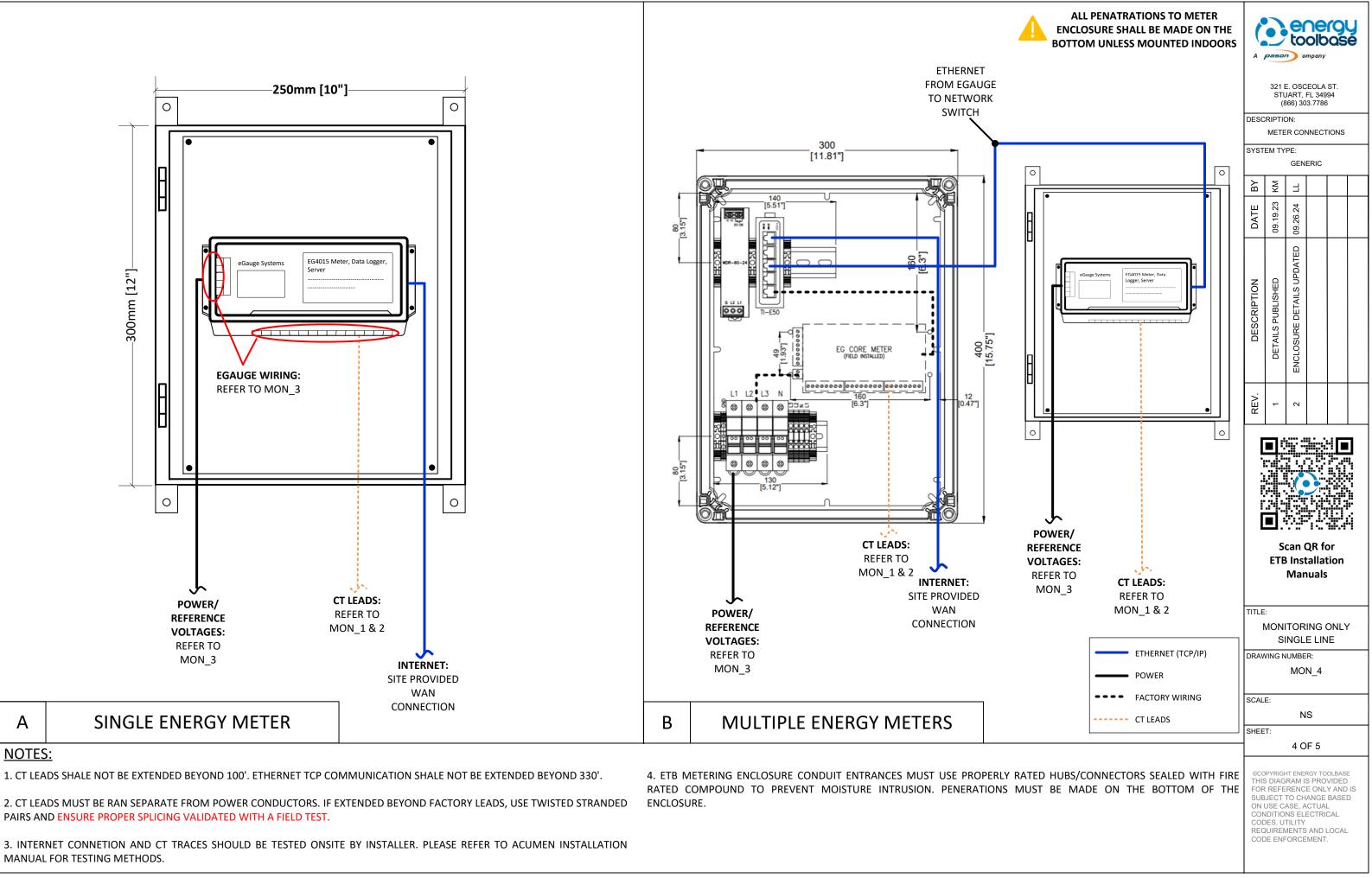
ROPE CT INSTALLATION

ROPE CT'S SHOULD BE INSTALLED PROPERLY TO REDUCE THE MAXIMUM ERROR BASED ON POSITIONING. IDEALLY THE CONDUCTOR BEING MONITORED WILL BE PERPENDICULAR TO THE ROLE CT LOOP, AND PASS THOUGH THE CENTER OF THE ROPE CT AS SHOWN BELOW. TIE-WRAPS OR OTHER NON-CONDUCTIVE FASTENERS CAN BE USED TO CENTER THE ROPE CT AROUND THE CONDUCTOR



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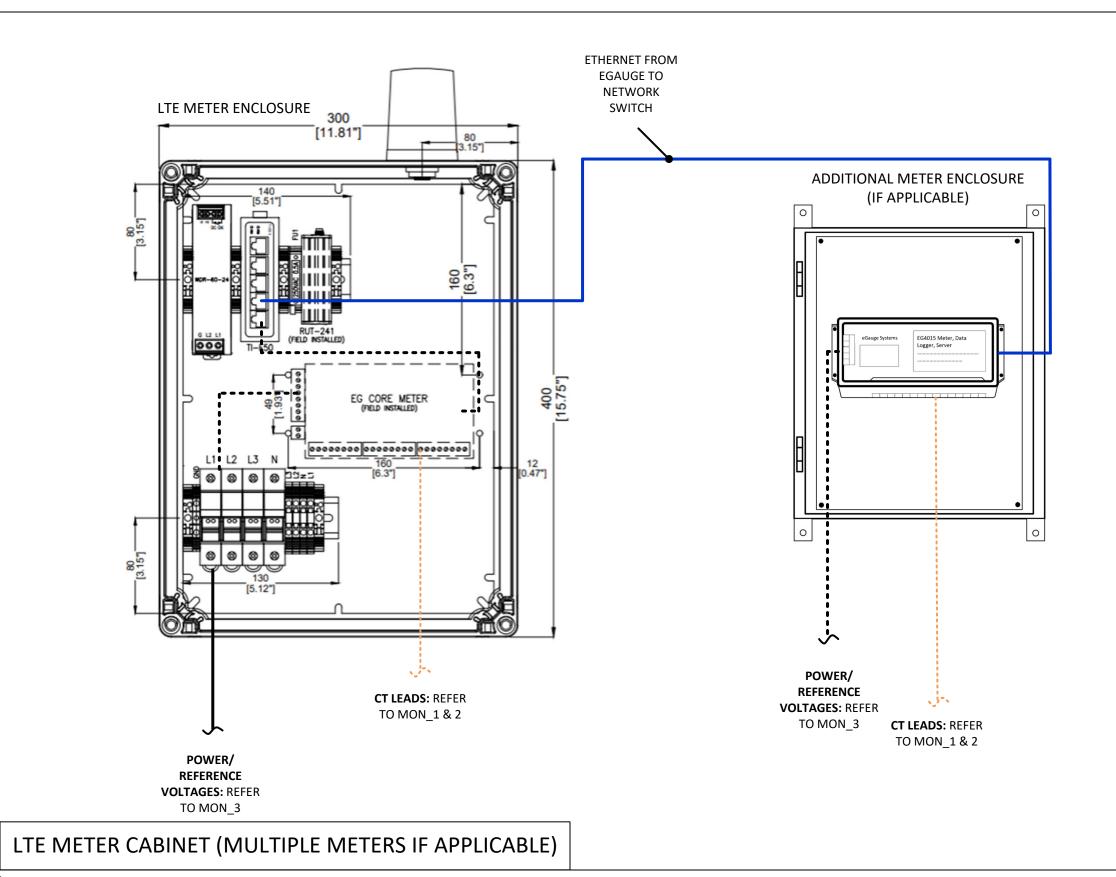
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NOTES:

PAIRS AND ENSURE PROPER SPLICING VALIDATED WITH A FIELD TEST.

MANUAL FOR TESTING METHODS.



NOTES:

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1. CT LEADS SHALE NOT BE EXTENDED BEYOND 100'. ETHERNET TCP COMMUNICATION SHALE NOT BE EXTENDED BEYOND 330'.

2. CT LEADS MUST BE RAN SEPARATE FROM POWER CONDUCTORS. IF EXTENDED BEYOND FACTORY LEADS, USE TWISTED STRANDED PAIRS AND ENSURE PROPER SPLICING VALIDATED WITH A FIELD TEST.

4. ETB MONITORING ENCLOSURE CONDUIT ENTRANCES MUST USE PROPERLY RATED HUBS/CONNECT RATED COMPOUND TO PREVENT MOISTURE INTRUSION. PENERATIONS MUST BE MADE ON ENCLOSURE.

3. INTERNET CONNETION AND CT TRACES SHOULD BE TESTED ONSITE BY INSTALLER. PLEASE REFER TO ETB MONITORING: STANDARD HARDWARE KIT – SETUP GUIDE FOR TESTING METHODS.

ALL PENATRATIONS TO METER ENCLOSURE SHALL BE MADE ON THE BOTTOM UNLESS MOUNTED INDOORS

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321 E. OSCEOLA ST. STUART, FL 34994 (866) 303.7786

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