



positive energy

Pole Top Transformer/Voltage – LV Monitoring Check Sheet

Section One - Site Details (Mandatory)

All details must be provided in section one

Site Reference e.g. SP755N or P12345	Street
Transformer Number e.g. TR1234 (Tx Monitor only)	Suburb
Network Monitoring ID eg. NM00006	Work Order Number

New Retrofit Meter Plant # 4- _____ Modem Plant # CF _____
Installation: Meter Serial # _____ IP Address _____
 De-Commission Meter Plant # 4- _____ Modem Plant # CF _____

Pre Energisation Checks

	Description	Details	Result OK?
1	Terminations and Connections	Check the Multipole plug, All Voltage and Current termination are tight?	<input type="checkbox"/>
2	Voltage pickups are correct	1 rib to A phase Link/main, 2 rib to B phase Link/main, 3 rib to C phase Link/main? (double check when there is not a HV B&C cross)	<input type="checkbox"/>
3	Correct CT Polarity (Tx Monitor only)	Visual Check CT's P1 to Tank and S1 is connected to Core 1 for each CT cable.	<input type="checkbox"/>

Pre-Energisation Checks Completed by Name (please print) _____ **Date Completed** / /

Section Two - Post Energisation Checks

	Description	Details	Result OK?
1	Verify Meter display	Display is present? L1 L2 L3 icons displayed? @ is flashing?	<input type="checkbox"/>
2	Communications	@ is flashing? Sig Strength between 13 & 35?	<input type="checkbox"/>
3	Test Block (Tx Monitor only)	Verify CT shorting links are not in place (must be unshorted)	<input type="checkbox"/>
4	Initiate Commissioning Checks	Goto http://xbnswws05.energex.com.au/macs/ using Internet Explorer on a Toughbook or PC	

For Remote Technical Assistance Call 1300 792 611 – Select Option 1, then 3 (call if any parameters are outside guidelines)

If no answer please leave a message with your name and mobile number

Manual Commission Process (complete when commissioning via MACS on Toughbook is unavailable)

Display Set A (Press select Button to advance display numbers, hold for 8 seconds to swap display sets A and B alternative)

LCD Code	Description	Guideline	Notes	Result
uoLt A	A phase voltage	220 to 260 Volts		V
ANPS A (Tx Mon only)	A phase current	Should be greater than zero		kA
InSt A (Tx Mon only)	A phase kW	Should not be negative	Include sign	kW
uoLT b	B phase voltage	220 to 260 Volts		V
ANPS b (Tx Mon only)	B phase current	Should be greater than zero		kA
InSt b (Tx Mon only)	B phase kW	Should not be negative	Include sign	kW
uoLT C	C phase voltage	220 to 260 Volts		V
ANPS C (Tx Mon only)	C phase current	Should be greater than zero		kA
InSt C (Tx Mon only)	C phase kW	Should not be negative	Include Sign	kW
SIGnAL	Signal Strength	Greater than 12 and less than 99	99 = no network Coverage	

Commissioning Checks Completed by Name (please print) _____ **Date Completed** / /

If unable to commission via MACS complete form and emailed to MeteringAssets@energex.com.au