

Polesight Project Installation Checklist for Guard and VisNet Units

Installer Contact

Installer Name	
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Substation Details

Substation Name	
Location (what.three.words)	

Tick one:

Three phase

Split phase

Single Phase

Polesight Unit Details

Guard Unit

VisNet Unit

Polesight Asset Number On front of box	
Polesight Unit Serial Number On the device itself	
Install date	

Current Sensor Connections

For **Guard** units up to 4 current channels will be connected per feeder. Write in the channel numbers connected to each phase. For a three phase system this will be L1, L2, L3 and N. For a split phase system this will be L1, L2 and N. It is important that this is recorded correctly for monitoring purposes.

Feeder/Circuit Name	Channel Input	Phase
	2	
	4	
	6	
	8	

For **VisNet** units each feeder is connected to an individual channel through a joint Rogowski so only one channel number is required. Ensure the current connections match the voltage phases as labelled on the Rogowski coils. For a split phase system the L3 coil is redundant and should be tied out of the way.

Current Channel Input	Feeder/Circuit Name

Contact Francis Shillitoe (NPG Polesight Project Manager) if there are difficulties with the installation:
Office: 0191 2262374 Mobile: 07967 665533

Final Device Checks

Guard: Press Reset button and wait. Check Power, Comms, Status and Signal Strength are green. Check the correct number of Channel LEDs are lit.

VisNet: Two minutes after the power being applied to the Unit, the 3 x LEDs (Power, Status and Comms) should all be Green.

Photos should be taken of the completed installation showing (please tick when taken):

Voltage Connections
Current Sensors

Box installation position
View of installation from Ground

Device with LEDs lit

Please send photos to francis.shillitoe@northernpowergrid.com including the substation name and Polesight Asset Number

Additional Information – Include difficulties, points of note and if it is a split phase substation.

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