

Capital Delivery
Design Handbook

**GUIDANCE ON LIVELINK MARS FOR
SETTINGS ENGINEER (VERIFICATION)**

DH 17

Issue 2

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1. PURPOSE

The purpose of this document is to give authorised Settings Engineer (Verification) guidance on the usage of LiveLink MARS system during the Protection and Control Relay Settings process (TP107).

2. REFERENCES

UKBP/TP107 : Protection and Control Relay Settings

3. RESPONSIBILITIES

a. Settings Engineer (Assurance)

The Settings Engineer (Assurance) has the responsibility for ensuring that any settings calculated and applied on National Grid equipment are completed in line with an agreed Settings Guidance Document.

b. Settings Engineer (Verification)

The Settings Engineer (Verification) has the responsibility for ensuring that any relay settings calculated for a particular scheme are produced using the guidance within a suitable Settings Guidance Document.

c. Commissioning Officer

The Commissioning Officer has the responsibility for ensuring that any Settings Guidance Document produced during the type registration process for new equipment being supplied on any particular project is of an acceptable standard.

d. Commissioning Engineer (National Grid)

The Commissioning Engineer (National Grid) has the responsibility for ensuring that all relays settings are verified and applied correctly on site.

4. REQUIREMENTS

Settings Engineer (Verification) will be able to initiate workflows for creating new relays, creating new substations and also modifying relay settings. Settings Engineer (Verification) will also be responsible for attaching relay settings calculations, relay settings electronic configuration files, and relay settings text file into LiveLink MARS at the appropriate process stage.

Please see the screenshots guidance on the following pages for more information on usage of the LiveLink MARS system.