

National Grid
Commissioning Handbook
Procedure 31

**LiveLink MARS User Guide for
Commissioning Engineer (National
Grid)**

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1. PURPOSE

The purpose of this document is to give authorised Commissioning Engineer (National Grid) 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

Commissioning Engineer (National Grid) will receive the workflows in order to carry out on site Stage 1 commissioning. This process is carried out by the verification of the correct settings being applied on relay equipments, as well as successfully carrying out relay settings electronic file(s) comparison process, as described in Commissioning Handbooks 26-32.

Commissioning Engineer (National Grid) will complete the Stage 1 commissioning and approve the workflows to ensure the correct relay settings information are published into LiveLink MARS system.

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

5. User Guide to Livelink Relay Settings TP107 Process (MARS)

Commissioning Engineer

Introduction:

1. Commissioning Engineer (National Grid) will receive a link via an email notification once a workflow has been assigned. After the arrival of the assignment notification email, login to Livelink and look for Personal → Assignments

This step is carried out after Settings Engineer (Assurance) is satisfied with the relay settings approved for on-site commissioning.

