

Summary

This document outlines the generic commissioning time-scales.

TransGrid publishes this information under clause 5.2A.5 of the National Electricity Rules.

Document Control

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1. Definition of TransGrid Commissioning

TransGrid commissioning is defined as starting from; all site acceptance testing completed and the asset/s (IUSA) is/are ready for connection, energisation and operation onto TransGrid's network.

2. Steps required for TransGrid Commissioning

- A. The IUSA shall have Site Acceptance Testing (SAT) completed with SAT documentation completed to an agreed level and provided to TransGrid.
- B. All communications links installed and SAT completed with SAT documentation completed to an agreed level and provided to TransGrid.
- C. The connection of the IUSA to TransGrid's network (line cut in) shall be in the presence of TransGrid's commissioning team and under TransGrid outage.
- D. Upon completion of line cut in and connection of the IUSA to TransGrid's network, the communications links will be commissioned by TransGrid (if not already). This will also be within the outage Period.
- E. Handover of SCADA, protection systems, communications systems and control systems to TransGrid.
- F. Upon satisfactory completion of the commissioning of the communications link/s TransGrid's commissioning team shall commence commissioning of remote end protection system checks and overall network communications checks. The IUSA protection and control systems checks and SCADA checks will be completed by the IUSA constructor/owner with overview by TransGrid.
- G. Upon successful commissioning of the systems in Step F, TransGrid shall commence energising the IUSA.
- H. Upon successful energisation TransGrid commissioning team will undertake post energisation checks.

3. Time Required for TransGrid Commissioning

The time for TransGrid commissioning starts after Steps A and B have been completed and accepted. It also assumes that any new transmission line structures are already constructed. From Steps C to Steps G the average time is eight working days. An additional one – two working days will apply for Step H.