

G59/3 Generator Witnessing Tests

All new generators will be tested and commissioned by the installer. Where the total generating capacity at the site exceeds 50kW we will normally witness some of these commissioning tests and inspect the site to verify that the installation complies with Engineering Recommendation G59/3 (ER G59/3). In some cases we may also decide to witness tests at smaller installations. However, Small Scale Embedded Generators (less than 16A per phase) connected under the terms of Engineering Recommendation G83 do not require any testing to be witnessed by us.

The list of tests that we need to witness will largely depend on whether the generating unit has been 'type approved' to ER G59/3 or not. Further guidance is provided within ER G59/3 which may be purchased from the Energy Networks Association –

<http://www.energynetworks.org/electricity/engineering/distributed-generation/distributed-generation.html>

Where G59/3 witnessing is required, the installer should contact us, between 15 and 30 working days (i.e. 3 to 6 weeks) before the proposed date of testing. This allows sufficient time for us to make someone available to witness the tests and is close enough to the date to minimise the risk of the tests being cancelled / postponed.

It should be noted that in order for the commissioning tests to be carried out (and witnessed by us) the generator installation must be complete and our incoming electricity supply must be available. It is the installer's responsibility to provide the test equipment and someone familiar with the requirements to undertake and record the tests. At sites with several generators the tests for different generators may be carried out, and witnessed, at different stages.

We will charge for:-

- new generator connection sites
- any additional visits that are required due to aborted/failed tests, or
- where a generating unit is added/changed at an existing installation so requiring G59/3 witnessing tests.

Our charge for these services with effect 03rd April 2018 is £663 + VAT. Please note, this charge is not included within any offer for connection and will be invoiced separately.