

Generator compliance template review 2019

The Reliability Panel has published a draft report on changes to the template for generator compliance programs

Generators must meet technical performance standards so they do not adversely affect power system security. The template for generator compliance programs helps generators with developing and designing programs to test and monitor their compliance with performance standards.

In this review, the Panel is investigating whether the current template is consistent with changes to the rules, technologies, performance standards and compliance methods since it was last reviewed in 2015.

Draft recommendations - addressing GTPS rule change

A key part of the review is to adjust the template to reflect the AEMC's recent rule on Generator technical performance standards. To this end, the draft report proposes changes to reactive current response testing, the testing of multiple reactive power control modes, and definitions of major event and disturbance. Changes in response to the GTPS rule are:

- S5.2.5.5 - Suggested frequency of testing in method 3
- S5.2.5.5 - Definition of major event, significant disturbance, major disturbance
- S5.2.5.13 - Compliance testing of multiple reactive power control modes

Draft recommendations - improving usability and clarity

The Panel also engaged GHD to gather stakeholder feedback on the template's clarity and usability. Using this feedback, the draft report includes a range of changes to help ensure the information in the template is clear and sufficiently prescriptive - yet flexible enough to capture future changes in technology, testing and monitoring methods. Other template changes to enhance the template's clarity and usability include:

- Feasibility of testing full reactive power capability
- Performance of remote equipment
- Frequency of testing for S5.2.5.3
- References to the definition of plant change
- Fault throw test viability
- Clarifying "appropriate metering"
- Frequency of testing for S5.2.5.7
- Definition of "plant change"
- Alignment with Power System Models Notification of non-compliance process, and
- Removing technology bias.

Consultation

Written submissions on this request must be lodged with the Panel by 18 October 2019 via the Commission's website, www.aemc.gov.au, using the "lodge a submission" function and selecting the project reference code REL0070.

The Panel expects to publish a final report for this review in November 2019.

For information contact:

Graham Mills, **Advisor** 02 8296 0636

Christiaan Zuur, **Director** 02 8296 7800

Media: Communication Director, Prudence Anderson 0404 821 935 or (02) 8296 7817

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