

Proposal for a Capacity Market Rules Change



Making a positive difference
for energy consumers

Reference number (to be completed by
Ofgem): CP333

Name of Organisation(s) / individual(s):
RWE

Date Submitted:
17/10/2017

Type of Change:

- Amendment
- Addition
- Revoke
- Substitution

If applicable, whether you are aware of an alternative proposal already submitted which this proposal relates to:

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Proposal summary (short summary, suitable for published description on our website)

Removal of delivery obligation where a system to generator intertrip has fired

What the proposal relates to and if applicable, what current provision of Rules the proposal relates to (please state provision number):

The proposal would add a further sub-clause to Rule 8.5.1 to remove obligations from any CMU that had been tripped as a result of a system to generator intertrip and was subject to a restriction on its output.

Description of the issue that the change proposal seeks to address:

System to generator intertrips provide a service designed to protect the transmission system from overload in the event of failures on transmission lines. In such an event, where an intertrip scheme has been 'armed' a generator may be tripped automatically via a signal received from the relevant transmission protection system. Following such a trip, a generator may be instructed by the System Operator to restrict their output so as not to overload the local transmission system. These events are not classed as 'relevant interruptions' and so fall outside the existing provisions of 8.5.1(c). Since the purpose of intertrips is to protect the transmission system, it would be in line with the intent of 8.5.1 to remove a CMU's obligations during such rare events.

If applicable, please state the proposed revised drafting (please highlight the change):

8.5.1 (e) in any Settlement Period during which the Capacity Committed CMU is affected by a restriction on output related to an instruction by the System Operator following a trip caused by a system to generator operational or commercial intertrip.

Analysis and evidence on the impact on industry and/or consumers including any risks to note when making the revision - including, any potential implications for industry codes:

System to generator intertrip schemes are an important service to allow the efficient operation of the transmission system. Although very rare, trips caused by such schemes are designed specifically to protect the transmission system from damage. When they happen, the System Operator may require output to be restricted until such time as the local transmission system has been restored. As such

the generator could be prevented from meeting the required output under the Capacity Market Rules and such obligations should be removed while restrictions are in place. If the obligation remains, providers of the service may need to consider building in the risk of a trip during a System Stress Event into the price required for a trip.

Details of Proposer *(please include name, telephone number, email and organisation):*

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