


<h2 style="text-align: center;">Proposal for a Capacity Market Rules Change</h2>		 Making a positive difference for energy consumers Reference number <i>(to be completed by Ofgem)</i> : CP301
Name of Organisation(s) / individual(s): Electricity Settlements Company (ESC)	Date Submitted: 17.10.17	
Type of Change: <input checked="" type="checkbox"/> Amendment <input checked="" type="checkbox"/> Addition <input type="checkbox"/> Revoke <input type="checkbox"/> Substitution	If applicable, whether you are aware of an alternative proposal already submitted which this proposal relates to: Click here to enter text.	
Proposal summary <i>(short summary, suitable for published description on our website)</i> To update areas of Schedule 6 (Metering Statement) to assist Capacity Providers to complete the Metering Test process.		
What the proposal relates to and if applicable, what current provision of Rules the proposal relates to <i>(please state provision number)</i> : The proposal relates to Schedule 6 (Metering Statement).		
Description of the issue that the change proposal seeks to address: Following two years of completing Metering Tests there are areas where Capacity Providers have been requested to provide more information or clarification to allow the Metering Test to be completed. There are also areas where more specific requirements should be included to assist Capacity Providers completing a Metering Statement that is capable of allowing a Metering Test to be completed first time.		

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

Section (b) add “(viii) Type of Metering Configuration Solution used and where this is Balancing Services the relevant Balancing Services Agreement.”

Section (b) add “(ix) The rated output of any Generating Unit (kW or MW) or the rated capacity of the circuit (kVA or MVA), as applicable.”

Section (c) amend “(i) All Meter Point Administration Numbers or Metering System Identifier(s) or BMU IDs that are part of the CMU.”

Section (c) add “(xiii) Where multiple Metering Systems are used the aggregation rule for the CMU, Generating Unit or DSR CMU Component should be provided unless provided under (c)(xi) or (c)(xii).”

Section (c) amend Correct numbering issue, no (vii)

Section (e) add “(iii) Where data is submitted using the method set out in 14.2.7 an example of the comma separated value file in the format specified by the CM Settlement Body must be provided.”

Section (f) amend “A Capacity Provider must provide a statement detailing how the time of the meters or Settlement Instation used is synchronised to UTC.”

Section (j) amend “A Capacity Provider must provide the manufacturers test certificates or technical information from the manufacturer confirming the ratio(s), rated burden, accuracy class and typical errors for the Current and Voltage Transformers to enable the CM Settlement Body to determine they are of the correct accuracy class and the errors are within the allowed limits of that accuracy class. If the manufacturers test certificates or technical information from the manufacturer confirming the ratio(s), rated burden, accuracy class and typical errors are unavailable, the Capacity Provider must provide a photograph of the transformer rating plate clearly showing the ratio, burden, accuracy class and serial number of the transformer.”

Section (k) amend “A Capacity Provider must submit a copy of the manufacturer’s Power Transformer Test Certificate or typical losses used as part of their approved dispensation, which accounts for transformer losses where the installed metering is not at the defined Meter Point and there is a power transformer between the two points.”

Section (l) amend “(ii) technical information from the manufacturer confirming the typical errors of the device.”

Section (l) amend “(iii) For an integral Outstation half-hourly meter a calibration test certificate tested at the calibration testing points set out in the table below performed by a third party.”

Section (l) add “(iv) For non-integral Outstation meters a calibration test certificate that confirms the errors of the meter.”

Section (n) add “(iv) where appropriate and in consultation with the CM Settlement Body, an alternative method shall be used to confirm the Instrument Transformers are configured and operating correctly.”

Sections (o), (p) and (q) add “The Capacity Provider must provide the compensation figures programmed into the Meter or incorporated into the aggregation rule (as applicable). Where the figures have been provided but not the compensation calculation the CM Settlement Body can perform the compensation calculation based on the relevant test certificates and site information to confirm the compensation figures.”

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:

Section (b) – the addition of the proposed new subsection (viii) will make it clear in the rules what Metering Option is being used and solve the problem of the Metering Test being delayed until the relevant governing documents that the Metering Systems was installed to have been identified to allow the Metering Test to proceed.

Section (b) – the addition of the proposed new subsection (ix) will make it clear in the rules what type of Metering (i.e. accuracy classes) should be installed and solve the problem of the Metering Test being delayed until the relevant governing documents that the Metering Systems was installed to (where based on rated capacity) have been identified to allow the Metering Test to proceed.

Section (c) – the amendment of the subsection (i) will make it clear in the rules that all Generating Unit or DSR CMU Component, or Electricity Interconnector, comprised in the CMU must be included on the Metering Test Certificate and solve the problem of the Metering Test Certificate being delayed, where not all Components require a Metering Test, while it is clarified what should be included.

Section (c) – the addition of the proposed new subsection (xii) will make it clear in the rules how multiple Metering Systems are combined to give the Net Output of a Generating Unit and solve the problem of the Metering Test being delayed until it is clarified.

Section (e) – the addition of the proposed new subsection (iii) will make it a requirement in the rules that the Capacity Provider to prove that, when data is not submitted via a BSC process, they can generate the file to the required format and it can be loaded into the Capacity Market Settlement System and solve the problem of the risk to the settlement activity of these files being incorrect when required to be submitted (e.g. following a Stress Event).

Section (f) – the amendment will make it a requirement in the rules that the Capacity Provider has to confirm that the time is synchronised and solve the problem of the risk that the Half Hourly Data Collector is unable to do this and it hasn't been declared to the CM Settlement Body.

Section (j) – the amendment will make it a requirement in the rules what information is required from the manufacturer and solve the problem of inadequate information being provided resulting in failed Metering Tests and rectification plans being required.

Section (k) – the amendment will make it a requirement in the rules to provide the basis for the power transformer loss calculation and solve the problem of it not being in line with standard industry practices where the actual Power Transformer Test Certificate is unavailable and an equivalent of a similar type is used and this method is approved as part of a BSC Metering Dispensation.

Section (l) – the amendment of the subsection (ii) will make it clear in the rules that all the information from the required should be of a technical nature to justify the typical errors of the device and solve the problem of inadequate information being provided resulting in failed Metering Tests and rectification plans being required.

Section (l) – the amendment of the subsection (iii) will make it clear in the rules that the calibration test point presented in the table are based on the industry standard (BSC) for Settlement Meters and solve the problem of these test points not being relevant to all Meters allowed to be used in the Capacity Market.

Section (l) – the addition of the subsection (iv) will make it clear in the rules the requirements for Meters that aren't compliant with the BSC but are allowed in the Capacity Market (e.g. Balancing Services Meter that is a transducer) and solve the problem of the Meters not being compliant with the original Section (l) subsection (iii).

Section (n) – the addition of the subsection (iv) will make it clear in the rules that the evidence submitted for instrument transformers to demonstrate that they are installed and operating correctly without comparison to another Metering System is allowed and solve the problem of the adequate evidence being submitted but not being compliant with the original Section (n) resulting in failed Metering Tests and rectification plans being submitted.

Section (o), (p) and (q) – the addition to the existing requirements will make it clear in the Rules that the compensation figures are required to complete the Metering Test and allow the option to re-calculate the figures where the original calculation is not available and solve the problem of the Metering Test being delayed until the figures the Meter has been compensated with have been confirmed and the calculation provided.

This change proposal should improve the Metering Test process for industry. The recommendations are based on common mistakes; areas where clarification has been required and areas where more information is required that have been identified during the two years that the Metering Test process has been in operation.

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

[Click here to enter text.](#)

Matthew Johnson
Electricity Settlements Company
T: 0207 211 8881
info@electricitysettlementscompany.uk