MP160 'Certificate Signing Request forecasting'

Annex A

Legal text – version 1.0

About this document

This document contains the redlined changes to the SEC that would be required to deliver this Modification Proposal.

Section L 'Smart Metering Key Infrastructure and DCC Key Infrastructure'

These changes have been redlined against Section L version 14.0.

Amend Sections L8.7, L8.8, L8.9, L8.10, L8.11 and L8.12 as follows:

L8. **SMKI PERFORMANCE STANDARDS AND DEMAND MANAGEMENT**

SMKI Services: Managing Exceptional Demand

L8.7   An Authorised Subscriber will be considered to have exceptional demand if it is aware that the number of Certificate Signing Requests which it will send in a month will increase by 150% or more (50% above) compared to the average number of Certificate Signing Requests sent in each of the previous [3] months.

L8.8   Each Party which is an Authorised Subscriber in accordance with the Device Certificate Policy shall, if it becomes aware of exceptional demand, provide the DCC with a forecast of the number of Certificate Signing Requests which it will send in the relevant month.

L8.7   Each Party which is an Authorised Subscriber in accordance with the Device Certificate Policy shall:

(a)   as soon as reasonably practicable after becoming an Authorised Subscriber; and

(b)   subsequently by the 15th Working Day of the months of March, June, September and December in each year,

provide the DCC with a forecast of the number of Certificate Signing Requests that the Authorised Subscriber will send in each of the 8 months following the end of the month in which such forecast is provided. Such forecast shall contain a breakdown of the total number of Certificate Signing Requests in respect of Device Certificates between those which request the Issue of a single Device Certificate and those which are Batched Certificate Signing Requests.

L8.8   The DCC shall monitor and record the aggregate number of Certificate Signing Requests sent by each Authorised Subscriber in total.

L8.9   By no later than the 10th Working Day following the end of each month, the DCC shall provide:

(a)   each Authorised Subscriber with a report that sets out the number of Certificate Signing Requests sent by that Authorised Subscriber in respect of Device Certificates during that month (in total and broken down between those which request the Issue of a single Device Certificate and those which are Batched Certificate Signing Requests), and comparing the actual numbers sent against the numbers most recently forecast for the applicable month; and

(b)   (in so far as there were one or more Parties or RDPs which were Authorised Subscribers during the applicable month) a report to the Panel that sets out:

(i) the aggregate number of Certificate Signing Requests in respect of Device Certificates sent by all Authorised Subscribers collectively during that month (in total and broken down between those which request the Issue of a single Device Certificate and those which are Batched Certificate Signing Requests), and comparing the actual numbers for that month sent against the numbers most recently forecast for the applicable month; and

(ii) where the number of Certificate Signing Requests in respect of Device Certificates sent by any Authorised Subscriber during that month is greater than or equal to 110% of the Authorised Subscriber's most recent monthly forecast for the applicable month, the identity of each such Authorised Subscriber and the number of Certificate Signing Requests in respect of Device Certificates sent by each such Authorised Subscriber (in total and broken down between those which request the Issue of a single Device Certificate and those which are Batched Certificate Signing Requests)

L8.10 The Panel shall publish each report provided to it pursuant to Section L8.9(b) on the Website, save that the Panel may decide not to publish one or more parts of a report concerning under-forecasting as referred to in Section L8.9(b)(ii) where the Panel considers that the under-forecasting was reasonable in the circumstances (including where it arose as a result of matters beyond the Authorised Subscriber's reasonable control).

L8.11 The DCC shall, as soon as is reasonably practicable, submit a Draft Proposal containing rules that it considers appropriate to enable the prioritisation by the DCC of Certificate Signing Requests in respect of Device Certificates sent over the SMKI Service Interface in circumstances in which the aggregate demand for the Issue of Device Certificates cannot be satisfied within the applicable Target Response Times.

L8.12 The DCC shall not be considered to be in breach of this Code with regard to the obligation to achieve the Target Response Times set out at Section L8.1 if, during the month in question, the aggregate Certificate Signing Requests in respect of Device Certificates sent by all Authorised Subscribers exceeds 110% of the aggregate demand most recently forecast for that month by all Authorised Subscribers pursuant to Section L8.7 (provided that the DCC shall nevertheless in such circumstances take reasonable steps to achieve the Target Response Times).