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MP085B ‘Synchronisation of smart meter voltage measurement periods (meters currently installed)’

Request for information responses

About this document

This document contains the full collated responses received to the MP165 request for information (RFI).

Question 1: Do you agree that the three solutions put forward would effectively resolve the identified issue?

Question 1				
Respondent	Category	Response	Rationale	SECAS Response
Northern Powergrid	Network Party	Yes	Each of the solutions would help to implement the requirements documented in SECMP085A in to ESMEs currently installed.	
Electricity North West Ltd	Network Party	Yes	Any of the three solutions put forward would help to implement the requirements in SECMP085A.	
OVO Energy	Large Supplier	No	<ul style="list-style-type: none"> ● Populating the Applicability Period End Dates of SMETS within SEC Schedule 11 'TS Applicability Tables' <ul style="list-style-type: none"> ○ This will require meters to be removed from the wall resulting in a huge cost and, therefore, disagree. ● Retrospective uplifts to SMETS versions 2.X, 3.X, 4.X and 5.X. <ul style="list-style-type: none"> ○ We are unsure as to how a retrospective uplift to a previous version of SMETS is possible as it not been done before ● Device Manufacturers voluntarily implementing the desired functionality 	

Question 1				
Respondent	Category	Response	Rationale	SECAS Response
			<p>(as captured in MP085A) into future firmware updates, potentially as part of firmware updates to deliver other changes in functionality.</p> <ul style="list-style-type: none"> ○ This would only be feasible if Suppliers chose to purchase said firmware updates. 	
Anon 1	Other SEC Party	No	<p>Only the first solution, via TSAT, would mandate suppliers to update all meters to firmware that supported the desired functionality.</p> <p>The other solutions may ensure the availability of meter firmware sooner.</p>	

Question 2: Of the solutions put forward, which would you prefer to see further developed?

Question 2				
Respondent	Category	Response	Rationale	SECAS Response
Northern Powergrid	Network Party	-	<p>Our main driver is for industry to implement the changes documented for new ESMES in SECMP085A in to ESMES currently installed wherever this is reasonably practical. Solutions 1 and 2 would achieve this objective but we can appreciate that these solutions are likely to have other implications. We are therefore open to the option for a voluntary arrangement as summarised in Solution 3, although some monitoring or reporting arrangements would be essential to help assess whether such a voluntary arrangement was being implemented.</p> <p>As a more general point, it would be worth SECAS considering whether populating the Applicability Period End Dates of SMETS within SEC Schedule 11 'TS Applicability Tables' would be a reasonable means of implementing this and other changes to the technical specifications which have been agreed by industry but which may not yet have been implemented.</p>	
Electricity North West Ltd	Network Party	-	<p>Our main driver is for industry to implement the changes documented in SECMP085A for new ESMES in ESMES currently installed. We appreciate that Options 1 and 2 would achieve this objective but can appreciate that these options are likely to have other implications. We are therefore open to the option for a voluntary arrangement</p>	

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Question 2				
Respondent	Category	Response	Rationale	SECAS Response
			as summarised in Option 3, although some monitoring or reporting arrangements would be essential to help assess whether such a voluntary arrangement was working and, if not, for there to be some form of review.	
OVO Energy	Large Supplier	Option 3	We believe that option 3 is the only viable option, but this needs elaboration and we need to understand how it would work. What incentive do Suppliers have to purchase said upgrade?	
Anon 1	Other SEC Party	A combination of 2nd and 3rd.	Updating all major versions would allow a manufacturer to voluntary include this change within their next release rather than being forced to jump to SMETS2v6.	

Question 3: For Device Manufacturers - 3a would you be willing to implement the refined functionality in a firmware update as soon as feasible and prior to your adoption of SMETS v6? 3b Would it be more efficient to implement the refined functionality in a firmware update as part of another firmware update to implement other functionality changes? 3c In both cases, how long would it likely take to see this refined functionality to be incorporated into newly manufactured Devices?

Question 3				
Respondent	Category	Response	Rationale	SECAS Response
Northern Powergrid	Network Party	N/A	No comment.	
Electricity North West Ltd	Network Party	N/A	No comment.	
OVO Energy	Large Supplier	N/A	No comment.	
Anon 1	Other SEC Party	Yes	We have already targeted this functionality to be included in a 2023 release	

Question 4: For Device Manufacturers – do you have any other suggestions or solutions that would help to deliver the refined functionality?

Question 4				
Respondent	Category	Response	Rationale	SECAS Response
Northern Powergrid	Network Party	N/A	No comment.	
Electricity North West Ltd	Network Party	N/A	No comment.	
OVO Energy	Large Supplier	N/A	No comment.	
Anon 1	Other SEC Party	No	No comment.	

Question 5: For Device Manufacturers – do any of the ESMEs that you manufacture not align the Average RMS Voltage Measurement Period to a defined point in time, (e.g. on the hour or half hour)? If so, please provide details of the relevant ESME models / firmware version.

Question 5				
Respondent	Category	Response	Rationale	SECAS Response
Northern Powergrid	Network Party	N/A	No comment.	
Electricity North West Ltd	Network Party	N/A	No comment.	
OVO Energy	Large Supplier	N/A	No comment.	
Anon 1	Other SEC Party	No	No comment.	

Question 6: For Suppliers – do you agree that aligning the Average RMS Voltage Measurement Period to a defined point in time, (e.g. on the hour or half hour) will enable DNOs to develop more efficient distribution networks, and hence contribute to delivering GB’s Net Zero Targets?

Question 6				
Respondent	Category	Response	Rationale	SECAS Response
Northern Powergrid	Network Party	N/A	No comment.	
Electricity North West Ltd	Network Party	N/A	No comment.	
OVO Energy	Large Supplier	N/A	We don’t believe that this is a question for Suppliers. It is up to DNO’s to decipher this.	
Anon 1	Other SEC Party	N/A	No comment.	

Question 7: Please provide any further comments you may have.

Question 7			
Respondent	Category	Response	SECAS Response
Northern Powergrid	Network Party	No comment.	
Electricity North West Ltd	Network Party	No comment.	
OVO Energy	Large Supplier	No comment.	
Anon 1	Other SEC Party	No comment,	