

## Smart Meter Design Sub Group 1 (SMDSG1) – Meeting Note

Note of discussion and actions  
from SMDSG1 Meeting No. 13

From  
Date and time of  
Meeting  
Location

Paul Newman  
8<sup>st</sup> December 2010  
10:00-16:00  
Ofgem, 9 Millbank  
London SW1

### 1. Present

1.1. Ofgem – Peter Morgan, David Fletcher, Shaun Scullion.

1.2. SMDSG1 members:

Sarah Gratte	Gemserv	
BEAMA	Dave Robinson	
British Gas	Gareth Williams	
EDF Energy	Bob Gibbs	
ENA	Alan Creighton	
Engage-consulting (ERA)	Simon Harrison	
Engage-consulting (ERA)	Alistair Manson	To lunch only.
ESTA	David Spalding	
RWE Npower	Gary Coverson	
SBGI	Jeff Cooper	
SSE	Neil Green	
Utilita	Phil Kettless	
AMO	James Evans	
E-oN	Geoff Huckerby	
Scottish Power	Grahame Weir	On conference call. (due to adverse weather)
<b>DECC</b>		
Yulia Timoshkina		

### Apologies

1.3. SMDSG1 members:

Consumer Focus	
Good Energy	
Ofcom	
First Utility	
ICoSS	
Intellect	

### 2. Introductions

2.1. For the benefit of DECC's representative attending, all present introduced themselves.

### 3. Minutes of previous meeting

- 3.1. SBGI had raised some matters of accuracy on the previous minutes. These were accepted by the Group and amendments to minutes of meeting 12 will be made by Ofgem (*note: meeting 12 minute now amended*).

### 4. Review of actions

- 4.1. Actions from meeting 12.

<b>To raise with CAG the EDFE question re whether the SoDR should specifically state that the IHD will display the meter register (i.e. that consumers should have the facility to see their meter reading at the IHD)</b>	<b>Ofgem</b>	<b>*Outstanding - Ofgem will raise at next CAG</b>
<b>Distribute to SG1 the risks and issues logs as presented to SMDG.</b>	<b>Ofgem</b>	<b>Outstanding. Ofgem will distribute for the next meeting.</b>
<b>Complete First draft Product Descriptions Template for the component parts of the Detailed Design Requirements – and the Detailed Design Requirement itself.</b>	<b>SBGI, ERA, Ofgem</b>	<b>Completed first drafts.</b>
<b>To provide to SG1 a short piece on the 'resources and governance' chapter of the Detailed Design Requirements deliverable.</b>	<b>ERA</b>	<b>Complete.</b>
<b>To provide to SG1 a high level plan for the 'Jan – July timeline' chapter of the Detailed Design Requirements deliverable.</b>	<b>ERA</b>	<b>On meeting 13 agenda.</b>
<b>To send to BG (GW) the EU SMCG report (which will provide GW with suitable text around interoperability / interchangeability definition for his 'straw man' document).</b>	<b>ERA</b>	<b>Complete.</b>
<b>To arrange suitable SG1 liaison with the SM Data Privacy and Security Workstream to ensure that their respective products are properly aligned.</b>	<b>Ofgem</b>	<b>8/12/10</b>
<b>To revise the Interoperability 'straw man' document (with assistance from SBGI) in line with the SG1 review and re-distribute revised document to SG1.</b>	<b>BG / SBGI</b>	<b>On meeting 13 agenda.</b>

<b>To send a PID template to BG (GW)</b>	<b>ERA</b>	<b>Complete.</b>
<b>To provide a draft Chapter 1 and a template/format for the Group's 4<sup>th</sup> deliverable</b> ( <i>Draft outline proposals for format and scope of technical specifications</i> )	<b>BG</b>	<b>On meeting 13 agenda.</b>
<b>To make enquiries of Adrian Rudd:</b>  <b>-Standard template for EU notifications</b>  <b>-Any knowledge of the recently established EU SM Forum</b>	<b>Ofgem</b>	<b>Complete.</b>
<b>To add a SM Glossary to the Tariff paper and send to BEAMA / SBGI</b>	<b>BG</b>	<b>Complete.</b>
<b>To check with the relevant ETSI representative on WAN standards</b>	<b>ERA</b>	<b>13/12/10</b>
<b>BEAMA / SBGI to solicit their members with a view to quantifying (via a cost range) the additional cost of providing the level of tariff complexity illustrated in BG's paper. Subsequently to provide that quantification to SG1 (note: <i>after</i> the updated BG paper is made available).</b>	<b>SBGI / BEAMA</b>	<b>20/12/10</b>
<b>ERA to add some 'tariff' milestones to their Chapter 2 of the tech. spec. deliverable</b>	<b>ERA</b>	<b>On meeting 13 agenda.</b>
<b>To re-send to SG1 the revised Tariff paper</b> "Data Storage Requirements for Smart Metering Systems v0.1".	<b>BG</b>	<b>Completed. V0.2 sent.</b>
<b>Ofgem to escalate the lack of consensus on OP.8 to SMDG.</b>	<b>Ofgem</b>	<b>Complete. See note in this section.</b>
<b>To each review individually the remainder of the revised Functional Requirements document preparatory for the next meeting and to each consider possible solutions to achieving a consensus on functional requirement OP.8.</b>	<b>SG1</b>	<b>On meeting 13 agenda.</b>

<b>(Re OP.5) to see if this can be clarified by reviewing EN62054-21 and reporting back to SG1.</b>	<b>SBGI / BEAMA</b>	<b>13/12/10</b>
<b>To add the dial-in details to future SMDG and SG meeting agendas</b>	<b>Ofgem</b>	<b>Ongoing.</b>

4.2. On the action, "*Ofgem to escalate the lack of consensus on OP.8 to SMDG*", Ofgem reported that the SPB view was that the Groups should simply document the functionality – adding a footnote on how the functionality was envisaged to be used. A risk assessment should be completed on the use of a remote re-enablement function and the operation of that feature was then a governance matter. BG re-iterated that its issue with the function as proposed was one of safety and as such they thought it warranted an entry in the appropriate programme risk or issue register.

## **5. HAN requirements & use case review**

5.1. ERA briefly reported back from the Use Case Workshops, saying that the SG1 members involved were working well together and overall progress thus far was encouraging. It is planned to present something on the Use Case work progress to the SG1 Group for the meeting after next.

5.2. One of the Group asked if there was any work progressing on HAN selection. Ofgem replied that there was no such specific piece of work in the current phase of the SM Programme but would be addressed in the next phase. ERA is conducting its own work in this area which it will share.

## **6. Review interoperability deliverable**

6.1. The Group had a final and detailed review of their third draft deliverable - Draft Technical interoperability issue areas - (document "Interoperability Issues v0.3.doc" prepared by BG) which will be presented to SMDG on 16<sup>th</sup> Dec.

6.2. BG took an action to incorporate the Group's comments and issue a final document version to SG1 for subsequent presentation to SMDG.

## **7. Functional Requirements Catalogue (review)**

7.1. The Group resumed their review of the revised Catalogue which was curtailed in meeting 12.

7.2. All further individual functional requirements (Appendix 2 of the SoDR) reviewed were proposed by the Group to be as per the proposed Ofgem changes, either; no change, re-worded, proposed to remove. Functional Requirement OP.8, "*The smart metering system shall enable robust and reliable local (in consumer premise) user interaction to re-enable energy supply in the event of activation of the enablement mechanism*" was the sole requirement where the Group could not propose a common position.

7.3. The Group also suggested explanatory changes where appropriate to the narrative of the revised Functional Requirements Catalogue to support their proposed revisions of Appendix 2.

7.4. Ofgem took an action to further revise the Catalogue Appendix 2 and the supporting narrative in line with the Group's proposals and to re-distribute to the Group before submission to PRB.

## 8. Review delivering detailed design requirements deliverable progress

8.1. Due to time constraints this item was not discussed and was moved to meeting 14.

## 9. Any other business

9.1. None

## 10. Review of actions from meeting 13

10.1. Actions carried forward

<b>To raise with CAG the EDFE question re whether the SoDR should specifically state that the IHD will display the meter register (i.e. that consumers should have the facility to see their meter reading at the IHD)</b>	<b>Ofgem</b>	<b>*Outstanding. Ofgem to raise at next CAG meeting</b>
<b>Distribute to SG1 the risks and issues logs as presented to SMDG.</b>	<b>Ofgem</b>	<b>Outstanding. Ofgem will distribute for the next meeting.</b>
<b>To arrange suitable SG1 liaison with the SM Data Privacy and Security Workstream to ensure that their respective products are properly aligned.</b>	<b>Ofgem</b>	<b>13/12/10</b>
<b>To check with the relevant ETSI representative on WAN standards</b>	<b>ERA</b>	<b>13/12/10</b>
<b>BEAMA / SBGI to solicit their members with a view to quantifying (via a cost range) the additional cost of providing the level of tariff complexity illustrated in BG's paper. Subsequently to provide that quantification to SG1 (note: <i>after</i> the updated BG paper is made available).</b>	<b>SBGI / BEAMA</b>	<b>20/12/10</b>
<b>(Re OP.5) to see if this can be clarified by reviewing EN62054-21 and reporting back to SG1.</b>	<b>SBGI / BEAMA</b>	<b>13/12/10</b>

10.2. Meeting actions

<b>SBGI to add some text on field installation and maintenance to the 'Interoperability' Product Description and re-issue it.</b>	<b>SBGI</b>	<b>13/12/10</b>
<b>To revise the document "Interoperability Issues v0.3.doc" in line with SG1 meeting 12 review comments and issue a final version to SG1.</b>	<b>BG</b>	<b>13/12/10</b>
<b>Re functional requirement ES10 (The smart metering system shall support measurement of other power quality data including: voltage, frequency and sag and swell information, harmonic distortion) to distribute to the Group their paper on Voltage Alarm Requirements.</b>	<b>ENA</b>	<b>13/12/10 (Note: sent 9<sup>th</sup> Dec).</b>
<b>To further revise the Catalogue Appendix 2 and the supporting narrative in line with the Group's proposed positions and to re-distribute to the Group</b>	<b>Ofgem</b>	<b>13/12/10</b>

## 11. Risks & issues

11.1. The Ofgem action to provide to SG1 the risks and issues as presented to SMDG is still outstanding.

## 12. Review of meeting

12.1. The Group felt the meeting was productive and, given the time available for them to complete their work, suggested that Ofgem should be prepared to halt protracted debates on any particular points, particularly those where there was a view that the matter under discussion had been previously discussed at length by the Group.

## 13. Date of next meeting

Monday 13<sup>th</sup> December 2010 – 10:00-16:00 – Ofgem, 9 Millbank, London SW1.