

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

Note of discussion and actions from SMDSG1 Meeting No. 9

From
Date and time of Meeting
Location

Paul Newman
10 November 2010
10:00-16:00
Ofgem London SW1

1. Present

1.1. Ofgem – Peter Morgan, Paul Newman.

1.2. SMDSG1 members:

AMO	James Evans
BEAMA	Dave Robinson
British Gas	Gareth Williams
EDF Energy	Bob Gibbs
ENA	Alan Creighton
Engage-consulting (ERA)	Simon Harrison
Engage-consulting (ERA)	Alistair Manson
Eon-UK	Geoff Huckerby
ESTA	David Spalding
First Utility	David Wurtzler
ICoSS	Andrew Green
RWE Npower	Gary Coverson
SBGI	Jeff Cooper
Scottish Power	Grahame Weir
SSE	Neil Green
Utilita	Phil Kettless

2. Apologies

2.1. SMDSG1 members:

Consumer Focus	
Gemserv	
Good Energy	
Intellect UK	
Ofcom	

3. Introductions

3.1. None required.

4. Review of actions

<p>Bring prepared comments to next SG1 meeting on 'last gasp at the meter' with a view to that meeting composing and proposing a narrative to support a paper to SMDG.</p>	<p>Narrative was presented and amended by the group</p>
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To pull together all the SG1 submissions on IHD messaging (costs, benefits etc) in a summary paper and send to SG1	Paper was presented and commented on by the group
To send to SG1 fault descriptors from Zigbee and DLMS	SBGI, ESTA – To be circulated by next meeting
To produce a single process-based high-level data flows & protocols (installation process suggested but not necessarily). Was this done	Action redundant – absorbed into use cases
To rephrase the welsh language functional requirement as a variant	Ofgem – To be completed
Meter GUI functional requirement	Ofgem – To be completed
Amend and circulate last gasp narrative	BG – Discussed in the meeting
Amend and re-circulate data storage paper	SP, SBGI – Discussed in meeting
Amend SMDSG1 meeting 7 minutes to include deliverable comments and Gary Coverson comments	Ofgem – To be circulated
Amend and circulate SMDSG1 deliverable 2	Ofgem - Completed
Amend process timetable diagram to reflect the groups thoughts	ERA - Completed
Draft document that combines standards from BG, SRSM and ESMIG	ERA – Due at next meeting
Draft a strawman of minimum tariff requirements for discussion by SG1	BG – Discussed in the meeting
Bring shopping list use cases to next meeting	ERA, ENA – Discussed in the meeting

Circulate functional requirements with question – Is this enough to make a meter?	Ofgem - Completed
Consider which functional requirements need further clarification to make a meter	All SG1 - Completed
Circulate functional requirements document with SG1 proposals included	Ofgem - Completed

5. Review of previous action items:

- 5.1. Minimum specification IHD Additional Functionality – BEAMA presented a paper to the group which has been published alongside this note. The group proposed that messaging should not be included in the minimum specification as it adds cost and complexity and necessitates other design considerations such as battery operation which further complicates the situation. It was proposed that the functional requirements document should re- emphasise that the HAN will support the additional functionality not included in the minimum specification IHD.
- 5.2. Data storage – SP presented a revised summary on data storage to the group. The group felt that a few of the points mentioned in the text (for example the inadequate memory size assumption in the IA) needed to be highlighted in the summary to make sure that SMDG have time to consider it.
- 5.3. Last gasp – BG presented some text on last gasp to the group. This text was amended live in the meeting and will be included in the last gasp paper.
- 5.4. Load limiting – This was briefly discussed and the proposal was that this is an educational paper and as such does not need the same type of summary paragraph for SMDG.

6. HAN requirements and use case review

- 6.1. ERA presented the consolidated list of use cases and asked the group to comment on each one. The changes were made to the document live in the meeting. The group felt that further detail was needed on some of the items which will be taken away by ERA and presented back to the group at the next meeting. The use cases will be sorted into relevant levels of detail by ERA in advance of the next meeting.

7. Review of Functional Requirements – what else do meter manufacturers need?

- 7.1. SBGI and BEAMA presented back the RAG analysis of the functional requirements with respect to what further detailing is required before a meter manufacturer can take it forward.

8. Tariffs – closing the gap in absence of standards

- 8.1. BG presented a paper to the group highlighting a “maximum” scenario for different tariffs. The group felt that the paper was a good starting point but understood that there could be a case for a huge range of different tariffs.

8.2. The group was asked what the tariff specification should look like and when it could be written by. The group was asked to consider by the next meeting how long it would take for them to consider their tariff needs. The BG paper will be circulated to the group and comments on gaps / additions / timelines will be incorporated for next meeting.

9. Product description / Timeline discussion?

9.1. The group discussed the ERA product description and timeline which was accepted as a good framework to start the detailed planning around.

10. Any other business

10.1. Non domestic and other non mainstream issues were considered by the group. The group suggested that non domestic customers would have a different level of tariffs which could affect the tariff discussions. This issue needs to be considered with the tariff work going forward.

10.2. HAN modularity – The group re-iterated that HAN modularity introduces extra cost and complexity in the SMS design.

10.3. BEAMA discussed with the group the timeline for the project. BEAMA were concerned that the time line for the technical specification was not due to be completed until mid 2011 and that it was not possible to have meters produced in 2012. It was confirmed that the technical specification timeline will be drafted for early December for SMDG to consider. The BEAMA issue was added to the SMDG issues log.

11. Actions

11.1. New actions

Add HAN sentence to IHD paper and circulate	BEAMA	Tomorrow - Completed
Add amendments to last gasp paragraph and circulate	Ofgem	Tomorrow
Add amendments to data storage paper and circulate	SP	Tomorrow
Update use case table and circulate to the group – This will be presented at the next meeting (17th November)	ERA	Next Friday
Amend and circulate the technical specification clarification table whilst also producing a summary and conclusion on reds / ambers.	BEAMA, SBGI	Monday
Consider what needs to be included / taken out of the BG tariff paper	All SMDSG1	Next week

12. Risks & issues

- 12.1. The group felt that extra transparency is needed between groups to make sure issues and being considered. The SMDG risks and issues log should be the mechanism for tracking this.
- 12.2. The group felt that the meter manufacturing timeline needs to be considered.

13. Review of meeting

- 13.1. The group got through a long agenda successfully.

14. Date of next meeting

17th November 2010 – 10:00-16:00 – PA consulting, 123 Buckingham Palace Road, London