

Smart Meter Design Sub Group 3 (SMDSG3) – Meeting #8 Note

Note of discussion and actions from SMDSG3 Meeting No. 8	From Date and time of Meeting Location	Paul Newman 6 December 2010 10:00-16:00 Ofgem, 9 Millank, London
--	--	---

1. Present

1.1. Ofgem –Janet Townsend-Stojic, Peter Morgan, Paul Newman

1.2. SMDSG3 members:

AMO	Mike Tomkin	
BEAMA	John Parsons	Dialled in
British Gas	Gareth Williams	
EDF Energy	Nick Slocombe	
ENA	Paul Smith	
Engage-consulting (ERA)	Simon Harrison	
Eon-UK	Mark Roberts	
ESTA	Tony Taylor	
Gemserv	Sarah Gratte	
ICoSS	Steve Mulinganie	
Intellect UK	Simon Higgins	
RWE Npower	Bob Dryden	
SBGI	Andrew Smith	
Scottish Power	Graham Smith	
SSE	Andrew Monks	
Utilita	Phil Kettless	

2. Apologies

2.1. SMDSG3 members:

Consumer Focus	
First Utility	
Good Energy	
Ofcom	

3. Introductions

3.1. Round table introduction of each SMDSG3 member. The option for dialling into the meeting was offered due to some members still experiencing travel problems as a result of the weather.

4. Review of previous actions

Circulate BRE workshop (30th November) details and feedback to the group	ERA - Details circulated – Completed
Pass over the difficult to reach issue (policy on the % that are likely to be difficult or not	Ofgem – All people should be

viable to reach) to DCG to consider and feedback	confirmed in scope - Completed
Confirm a list of papers which have been written previously that have informed SG3 debate for inclusion in updated SMDG paper	All SG3 – Not many submitted - Completed
Circulate statement on electromagnetic sensitivity to the group	ENA - Completed
Amend and circulate the papers, ensuring the Ofgem Briefing Template is used	Ofgem to send template - Completed Relevant SG3 author - Completed
Incorporate fittings into terminals and tails paper	SBGI - Completed
1st draft of the next SMDG deliverable paper on trials	BG, EDFE, BEAMA - Completed
Circulate spreadsheet on trials to help inform paper	Ofgem - Completed
Provide to Ofgem any good examples of SM solutions for multi-occupancy buildings.	All SG3 – One response submitted - Completed
Circulate website link of TSB to the group	Ofgem - Completed
Consider all Risks and issues discussed in the papers and add to the risks and issues log	Ofgem - Completed
Follow up on EMS issue	Ofgem - Completed

5. Deliverable 2: areas for literature review, research, tests and pilot trials

- 5.1. EDFE, BG and BEAMA have produced and circulated a draft of the deliverable 2 paper looking at trials. The paper was discussed in the meeting and changes made live; prior to a final off line review and submission by 10th Dec.
- 5.2. The group felt that there is a need for focused activity or User Groups in some areas, with issues broken down and considered in detail in dedicated sessions. These may include Meter Variant and might be initiated via a workshop similar to the HAN

workshop. Sub Group 1 is preparing Project Initiation Documents (PID) that will describe the suggested programme of work needed to finalise the specification. It is expected to comprise 4 products which might benefit from the focused activity.

6. Review of actions from meeting today

6.1. Actions carried forward.

Confirm if LPG / oil meters are in scope?	Ofgem have passed to their Markets section to provide a statement – No further news
Discuss with BRE what can be done regarding housing design standards and their impact on SMS	Ofgem. Work started but ongoing – No further news
Locate and distribute to SG3 any previous Ofgem data on the prevalence of variant meters (twin-elements and 3-phase as well as a 2A auxiliary switch).	Ofgem. No data located within Ofgem as yet – No further news
Raise with DECC the ENA's previous correspondence to DECC on the SM grid 'Vision' - seeking a DECC response.	Ofgem – 29th Nov – No further news
Clarify how the group will go forward	Ofgem – Awaiting confirmation from DECC

6.2. New actions

Action	By	When
Circulate sentence on safety issue to be included into the deliverable paper	ENA	By 10th December
Circulate some numbers on semiconcealed meter boxes	ENA	New Year 2011
Amend and circulate deliverable paper to SMDG for consideration	EDFE, Ofgem	By 10th December
Add further text on modularity to paper and circulate to the group for comment before submission to SMDG	BG, Ofgem	By 10th December

Discuss and decide if there is a need to draft a paper on zoning	BG, ICOSS	By 10th December
Insert sentence into meter variants paper	SSE	By 10th December
Prepayment and microgeneration paper to be finalised and submitted	SBGI	By 10th December
Circulate draft PID to SG3 for comment before SMDG	ERA, BG	By 10th December
Confirm meeting details for SMDG feedback session on 10th January 2011	Ofgem	20th December

7. Risks and issues

7.1. No specific issues were discussed.

8. Any other business

8.1. BRE workshop feedback from ERA – Due to the poor weather many attendees couldn't attend but the meeting went well. ERA asked members of the workshop for help on collecting data on building / meter design. A few useful contacts came forward. No new products / information were discussed that could help with the issues highlighted.

8.2. Gas zoning issue – This issue was raised at the SMDG meeting. Zoning (as defined in IGEM/GM/7 and 8) is used to defined the level of risk associated with hazardous environments with respect to gas meters and electrical equipment (as opposed to other hazardous environments such as custard powder factories). Domestic installations are considered as zone 2. Some non domestic zones within scope for the Smart Meter programme may be zone 0 depending on the nature of the premises and / or the size of gas meter. The prevalence was not confirmed but is not expected to affect a large number of sites. Zone 0 compliant smart meters and associated equipment are likely to be more expensive.

8.3. SG3 proposed to raise it as an issue, consider prevalence and analyse the options and costs; and place this in context of the current solutions (including installation Codes of Practice and training). BG and ICOSS proposed to draft a note suggesting preferred options.

8.4. Add interface options for WAN module to the WAN module location paper – This issue was raised at the SMDG meeting. Clarity was sought on what modular means – physical interfaces (for data and power) or just interchangeable (allowing different interface designs)? SG3's paper had not been explicit in this regard, simply identifying potentially acceptable locations for the module. SMDG seeks a paper that summarises options, pros & cons and what the recommendation is.

8.5. The group members felt that more fundamental issues associated with functionality and technology selection need to be addressed before the modularity can be defined in

detail. Wider issues such as the issue of who owns the WAN and levels of integration the WAN and HAN will also affect these decisions and requirements. SG3 proposed to summarise these issues in a note added to the WAN location paper.

8.6. Safety issues with re-enabling gas / electricity supply via an IHD or remotely – This issue was raised at SMDG to understand how resolve the challenge of safe remote re-enablement of supply remotely or via an IHD (i.e. by mechanisms other than buttons on the meter). Discussions indicated that any new enablement mechanism (i.e. not at the meter itself) would need to be backed by a thorough risk assessment. Beyond this, there do not appear to be any existing guidelines.

8.7. The group suggested that work also needs to be conducted on governance arrangements / guidelines around use of the functionality.

8.8. EMF update – ENA has circulated a statement which is now being considered by the Ofgem consumer team..

8.9. Next steps for the Group – The team was briefed on the announcement made by DECC that it will take responsibility for Phase 2 of the Smart metering programme. Ofgem is working closely with DECC and will update the SMDG / sub groups on any further developments.

9. Review of meeting and of overall process

9.1. The meeting was generally considered to have been useful. The papers allow members who can't get to the table to participate The way of working was also thought to be the most appropriate; with face to face meetings in which draft papers are finalised following off-line drafting and research activities led by specific Group members.

9.2. The group felt it was important to maintain the momentum and the knowledge which had now been created and for a similar form of stakeholder engagement to continue; and a meeting schedule should be drawn up as soon as possible for the next phase of the programme.

9.3. It was felt that the scope of the work should change in future, with groups tasked to consider particular big issues. SG1 is drafting a document that will consider how to achieve its objectives in the next phase and is likely to identify topics that should be the focus of specific group activities.

9.4. The group wished to obtain feedback from its latest submissions to SMDG and suggested a meeting early in the new year (as early as convenient after the SMDG meeting on 16th December).

10. Date of next meeting

10.1. It was provisionally proposed to hold a meeting on Monday 10th January 2011 (Times and venue TBC). This will be subject to the feedback from SMDG. The project team will send confirmation and agenda on 17th December 2010.