

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

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| Note of discussion and actions from SMDSG3 Meeting No. 3a | From | Paul Newman (Technical secretariat) |
| | Date and time of Meeting | 18 October 2010 10:00-16:00 |
| | Location | Gemserv |
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1. Present

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

1.2. SMDSG3 members:

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| AMO | Mike Tomkin |
| British Gas | Gareth Williams |
| EDF Energy | Nick Slocombe |
| ENA | Paul Smith |
| Engage-consulting (ERA) | Simon Harrison |
| Eon-UK | Mark Roberts |
| ESTA | Tony Taylor |
| Gemserv | Jill Ashby (Part) |
| ICoSS | Steve Mulinganie |
| Intellect UK | Phil Brunkard |
| RWE Npower | Bob Dryden |
| SBGI | Duncan Southgate |
| SSE | Andrew Monks |
| Utilita | Phil Ketless |

2. Apologies

2.1. SMDSG3 members:

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| BEAMA | |
| Consumer Focus | |
| First Utility | |
| Good Energy | |
| Ofcom | |
| Scottish Power | |

3. Introductions

3.1. Round table introduction of each SMDSG3 member.

4. Review of previous actions

4.1. The group discussed the actions that were agreed from the last meeting and agreed on their status which has been recorded in the presentation slides published alongside this note.

4.2. Eon fed back to the group its EDRP findings on the number of existing installation issues caused by meters that are oversized for the space on the meter board. Out of

7331 dual fuel customers they found 23% of installations couldn't be installed after getting access to the house of which only 1 was due to lack of space. Out of 2348 electricity only customers they found 8.9% of installations couldn't be installed after getting access to the house of which 4.4% was due to lack of space.

5. Technical issues

- 5.1. The group discussed the Technical issues log. Members of the group had taken actions to provide further information on certain groupings of issues. These had been submitted in advance of the meeting and the group then discussed and amended the log to represent the entire groups views.
- 5.2. The group discussed the IHD and suggested that the option for 2 way communication should be considered as a functional requirement. The group wanted this to be raised in sub group 1 for discussion. PC.10 was identified as a source of confusion as it calls for local top up.

6. Any other business

- 6.1. Pulse output function for non domestic customers was raised and discussed by the group. It was agreed that it should be added to the technical issues list and will be referred to sub group 1 for consideration as a functional requirement.
- 6.2. HAN workshop – It is suggested that there will be around 80-100 people attending and will be an educational day with a limited number of breakout groups. There will be presentations on how the HAN works, technical issues associated with it, how HAN is progressing through Europe. The objective is for the audience to come away with a sense of how ready HAN technologies are for GB deployment.
- 6.3. It was confirmed that there will be an update presented to the SMDG regarding the 28th September consultation responses.

7. Actions

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| Confirm if LPG / oil meters are in scope? | Ofgem | 25th Oct |
| Teleswitching – Review list of variants | Gareth Williams – BG, Mark Roberts – Eon, Andrew Monks - SSE | 25th Oct |
| Flood alerts using teleswitch service – Follow up issue with network companies / DEFRA | Paul Smith – ENA, Ofgem | 25th Oct |
| Check IA to see if button provision on meters is included in cost assumption | Ofgem/BEAMA | 25th Oct |
| Confirm cost of minimum options for meter interface– 2 buttons or | BEAMA | 25th Oct |

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| keypad | | |
| Refer IHD 2 way communication functional requirement (PPM) to sub group 1 | Ofgem | 20th Oct |
| Options and costs (equipment and intsllation) regarding non wireless SMS solutions | Steve Mulinganie – ICOSS, Tony Taylor - ESTA, Duncan Southgate - SBGI | 25th Oct |
| Refer WAN coverage technical issue to DCG (Geographical access issue) | Ofgem | 25th Oct |
| Options for inaccessible / hard to reach site locations (flats) | Phil Ketless - Utilita, Tony Taylor - ESTA | 25th Oct |
| Cost of putting in aerials for hard to reach households | Nick Slocombe - EDFE | 25th Oct |
| Discuss with BRE what can be done regarding housing design standards and their impact on SMS | Ofgem | 25th Oct |
| Refer load limiting to SG1 to clarify it applies to import only | Ofgem | 20th Oct |
| Find out what interface groups (IDES, SMIT) are doing regarding different faults and their descriptors. | BEAMA | 25th Oct |
| Paper on in premise fault issues and what are the roles and responsibilities around these (interim and DCC), including firmware case study | Gareth Williams – BG, Nick Slocombe – EDF, Duncan Southgate – SBGI, Phil Ketless - Utilita | 25th Oct |
| Revised standard BS7856 document to be circulated to the group (terminal connections) | Nick Slocombe - EDFE | 25th Oct |
| Check prevalence and remedial costs associated with semi concealed installations due to risk of water damage (e.g. top hat | Duncan Southgate - SBGI | 25th Oct |

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| solutions) | | |
| Circulate amended Technical issues log and evaluation criteria for most prevalent items | Ofgem | 19th Oct |
| Prioritise the Technical issues (with a view to selecting the top ones for discussion in SG3 deliverable 1) | All SMDSG3 (before next meeting) | 25th Oct |
| Refer pulse output functional requirement to sub group 1 | Ofgem | 20th Oct |
| Pulse output issues paper (what is the issue, what is its prevalence, etc.) | Steve Mulinganie – ICSS, Tony Taylor – ESTA | 21st Oct |

8. Review of meeting

- 8.1. The group were pleased with the progress made at the meeting.
- 8.2. The group felt that success at the next meeting would be the agreement of the most prevalent technical issues so that they can be incorporated into the sub group 3 deliverable.

9. Date of next meeting

- 9.1. 25th October 2010 – 10:00-16:00, Ofgem, 9 Millbank, London, SW1P 3GE