Smart Metering Implementation Programme

Phase 1A – DCC Project DCC Scope & Services Workstream

Meeting 10: 10 February 2011

Agenda

- 1. Introductions
- 2. Meeting 9: Minutes & actions
- 3. Business process definition
 - Review models for SM installation and commissioning
 - Discuss meter reading process
- 4. Timetable for preparing high-level business process models
- 5. Benefits of property reference numbers

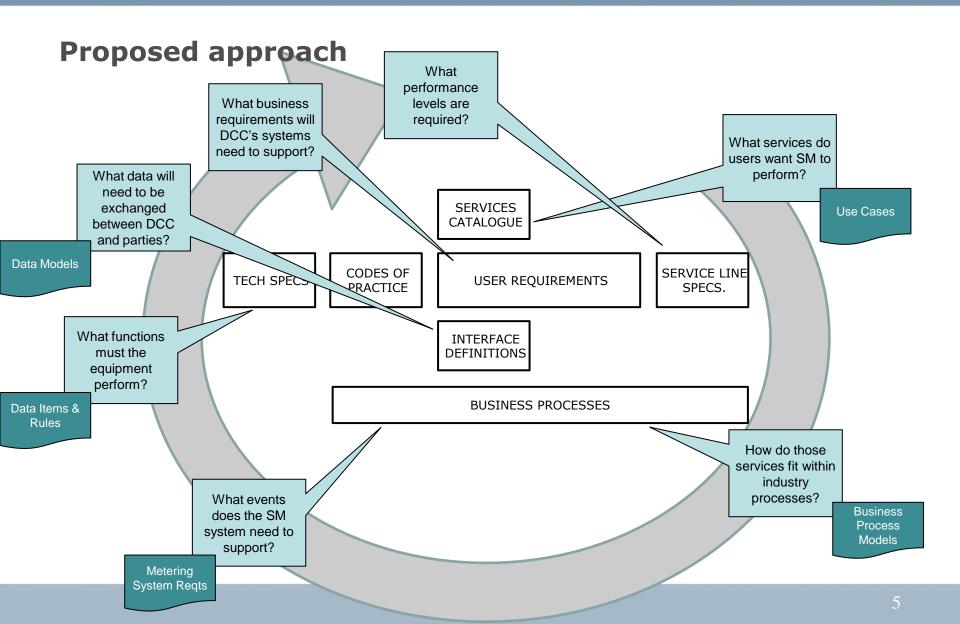


Agenda Item 2

MTG 9: MINUTES & ACTIONS



Agenda Item 3
BUSINESS PROCESS MODELS



3.1 Installation Process

Scope

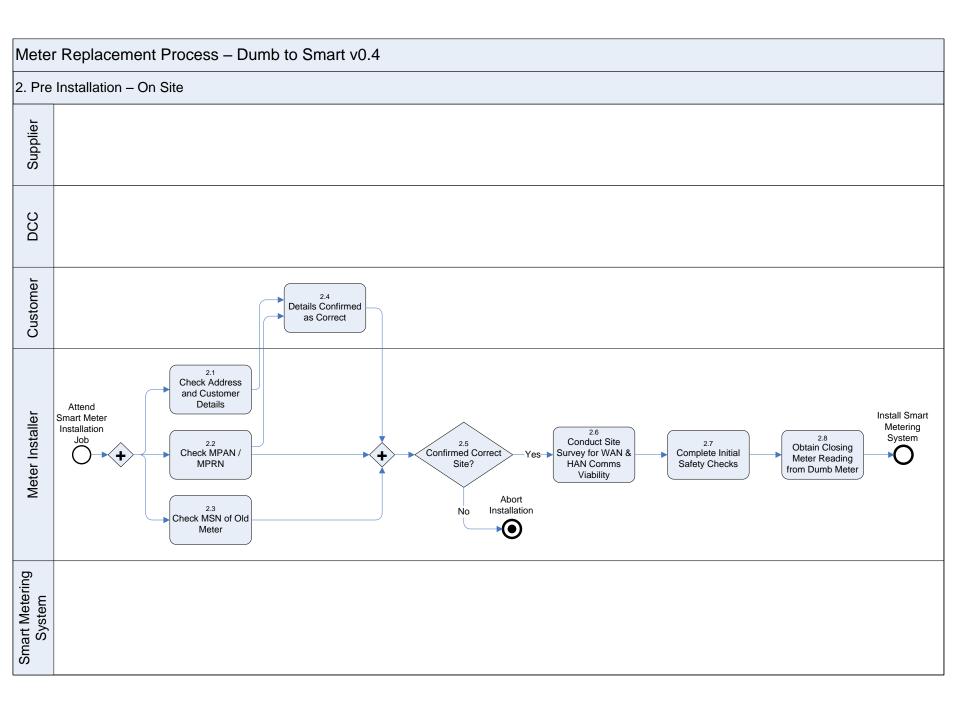
In scope

- Initial DCC service exists
- Data access and data read
- General data requirements
- Foundation (gaps cause without DCC)
- Dual fuel installation
- Harmonised process
- Domestic
- metering point connectivity
- Exchange of dumb meter to smart meter

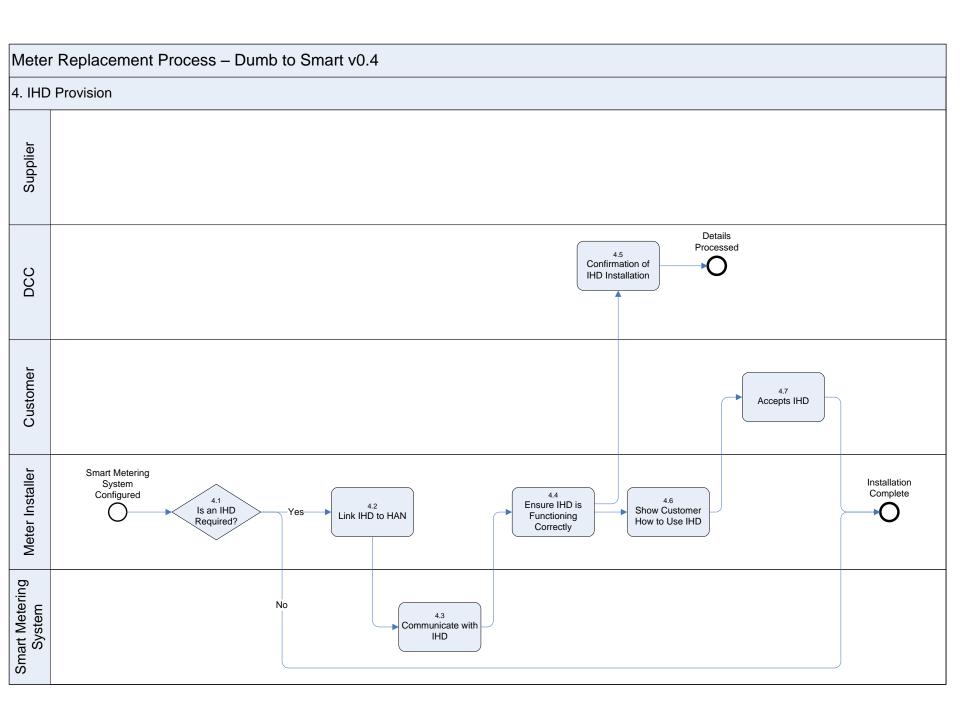
Out of scope

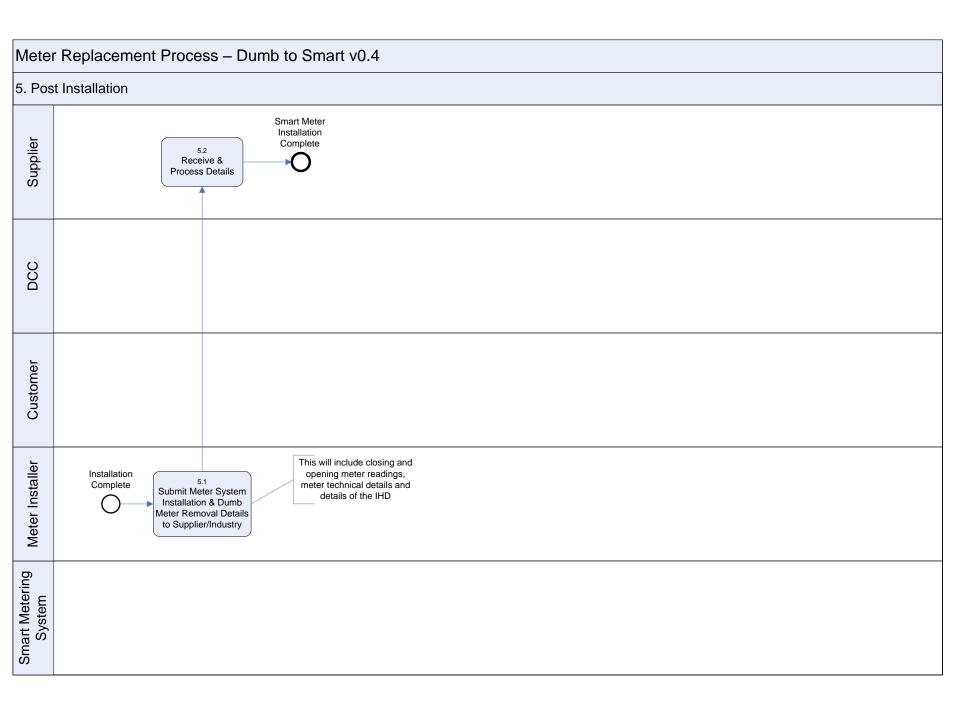
- Not doing end to end
- data items
- Coincidence with CoS
- Non-dual fuel installations
- Non-coincident dual fuel
- Non-domestic (SME?)

Meter Replacement Process - Dumb to Smart v0.4 1. Pre Site Visit **Identify Customer** for Smart Meter Determine the Supplier Installation Requirements for 1.1 1.6 the Installation Job Check DCC Schedule Smart Comms Data For Meter Installation Required Site Send Pre-Defined Data to DCC Currently not known if the DCC Details will require any 1.5 Processed DCC pre-installation Receive Pre-Provide Comms data Defined Data from Data For Site Supplier Customer Agree Smart Meter Installation Appointment Installation Meter Installer Scheduled Agree Smart Meter Installation Job Smart Metering System



Meter Replacement Process – Dumb to Smart v0.4 3. Install, Commission and Configure Smart Metering System This will include the setting Supplier of tariff information and reading schedules Set Smart Meter Configuration Establish Access Access Control Control The DCC will add the details of the smart metering system into their inventory 3.8 Authenticate & Record Details Customer Install Smart Commission Comms Metering **Smart Metering** System 3.4 System Meter Installer Commission Configured WAN 3.2 Exchange Meter Capture Opening Install Comms and Perform Meter Reading Module Relevant Safety from Smart Meter (WAN and HAN) Checks Commission Configure Smart HAN Meter Smart Metering System 3.6 Establish 2-Way Commission Connectivity with Communications DCC for WAN & HAN





3.2 Meter Reading

Use Cases

Services Catalogue

04 Meter reading	09	Read meter	1.65	Meter read (import & export)
			1.74	Maximum demand read
	09.01	Read meter - on demand		
	09.02	Read meter - historical reads		
	09.03	Read meter - schedule ad hoc read		
	09.04	Read meter - schedule and capture regular readings		
	09.05	Read meter - schedule the communication of stored data	1.79	Read distributed generation data
	15	Read generation data	1.75	Notification of failure to obtain reading



Agenda Item 4
TIMETABLE FOR BUSINESS PROCESS MODELLING



ofgem Promoting choice and value for all gas and electricity customers

	February															
Business Processes	7	8	9	10 - SG	11	14	15	16	17 - SG		21	22	23	24 - SG	25	28
01 Meter installation / activation				Approve	Baseline Model M1/M2											
04 Meter reading				Discuss	Draft	modellers review	External SG1 review	External SG1 review	SG1 Review & Approve							
				M1/M2	M1/M2	All M			M1/M2	M1/M2						
07 Payment processing									Discuss M3/M4			External SG1 review	External SG1 review	SG1 Review & Approve M3/M4	Baseline Model M3/M4	
03 Product management														Discuss	Draft	All modellers review All M
06 Change of tenancy																
02 SM fleet management																
08 Network operation																
05 Change of supplier																
09 Other (In-home & industry actions)																



Agenda Item 5 **BENEFITS OF PROPERTY REFERENCE NUMBERS**