



MHHS
PROGRAMME

Industry-led, Elexon facilitated

MHHS Design Artefact Status Report

February 2022

Version 1.0

MHHS BPRWG- Business Design Artefact Status Report

Business Process Artefacts	Current Status						Forecast BPRWG Review			Forecast DAG Review		
	No. of Docs.	First Draft Not Complete	First Draft Complete	In Flight Sub-Group Review	Blocked	In Flight BPRWG Review	Feb	Mar	Apr	Feb	Mar	Apr
Business Process Maps	20	5	15	12	3	0	12	2	6	12	2	6
Interface Specifications	38	4	34	34	32	0	2	9	27	2	9	27
Business Requirements / Business Process Descriptions	10	7	3	3	0	0	2	2	6	2	2	6
Global Artefacts	5	3	2	2	0	0	1	3	1	1	3	1
Total	73	19	54	51	35	0	17	16	40	17	16	40

Key Blocking Issues	No. of Artefacts Blocked
Change of Agent- Forecast DAG discussion Feb	17
Interface Approach- Forecast DAG discussion Feb	7
Supplier Interaction- Linked to both above issues	11

MHHS BPRWG- Business Process Diagrams- Current Status

Reference	Name	Current Status	Sub-Group(s)	Sub-Group Activity Complete	BPRWG Review Complete	DAG Review Complete
MHHSP-BP001	Change of Supplier	Blocked- Change of Agent	Registration	Mar-22	Apr-22	May-22
MHHSP-BP002	Change of Agent - Metering Service	Blocked- Change of Agent	Registration	Mar-22	Apr-22	May-22
MHHSP-BP003	Change of Agent - Data Service	Blocked- Change of Agent	Registration	Mar-22	Apr-22	May-22
MHHSP-BP004	Data Collection	Sub-Group Review	Smart Advanced Unmetered	Feb-22	Mar-22	Apr-22
MHHSP-BP005	Data Processing	Sub-Group Review	Smart Advanced UMS	Feb-22	Mar-22	Apr-22
MHHSP-BP006	New Connection	Sub-Group Review	Registration	Jan-22	Feb-22	Mar-22
MHHSP-BP007	Disconnection	Sub-Group Review	Registration	Jan-22	Feb-22	Mar-22
MHHSP-BP008	Change of Energisation Status	Sub-Group Review	Registration	Jan-22	Feb-22	Mar-22
MHHSP-BP009	Change of Meter	Sub-Group Review	Registration	Jan-22	Feb-22	Mar-22
MHHSP-BP010	Change of Registration Data - Address	Sub-Group Review	Registration	Jan-22	Feb-22	Mar-22
	Change of Registration Data - HH Data Consent	Sub-Group Review	Registration	Jan-22	Feb-22	Mar-22
	Change of Registration Data - Domestic Indicator	Sub-Group Review	Registration	Jan-22	Feb-22	Mar-22
	Change of Registration Data - Loss ID Factor	Sub-Group Review	Registration	Jan-22	Feb-22	Mar-22
	Change of Registration Data - Other Misc.	Sub-Group Review	Registration	Jan-22	Feb-22	Mar-22

MHHS BPRWG- Business Process Diagrams- Current Status

Reference	Name	Status	Sub-Group(s)	Sub-Group Activity Complete	BPRWG Review Complete	DAG Review Complete
MHHSP-BP011	Change of Market Segment	Sub-Group Review	Registration	Jan-22	Feb-22	Mar-22
MHHSP-BP013	Demand Control Events	First Draft Not Complete	TBC	Mar-22	Apr-22	May-22
MHHSP-BP014	Behind the Boundry Point Metering Process	First Draft Not Complete	TBC	TBC	TBC	TBC
MHHSP-BP015	Meter Faults	First Draft Not Complete	TBC	TBC	TBC	TBC
MHHSP-BP016	Settlement Queries/Disputes	First Draft Not Complete	TBC	TBC	TBC	TBC
MHHSP-BP017	Network Charging	First Draft Not Complete	TBC	TBC	TBC	TBC
MHHSP-BP018	Load Shaping Service (ECS)	Sub-Group Review	Elexon Central Systems Smart	Jan-22	Feb-22	Mar-22
MHHSP-BP019	Marketwide Data Service (ECS)	Sub-Group Review	Elexon Central Systems	Jan-22	Feb-22	Mar-22
MHHSP-BP020	VAS Processes	Sub-Group Review	Elexon Central Systems	Feb-22	Mar-22	Apr-22
MHHSP-BP021	ISD	Sub-Group Review	Elexon Central Systems	Feb-22	Mar-22	Apr-22

MHHS BPRWG- Interface Specifications- Current Status

Reference	Name	Status	Sub-Group(s)	Sub-Group Activity Complete	BPRWG Review Complete	DAG Review Complete
MHHSP-IF-001	Metering Service Appointment	Blocked- Change of Agent	Registration	Mar-22	Apr-22	May-22
MHHSP-IF-002	Metering Service De-Appointment	Blocked- Change of Agent	Registration	Mar-22	Apr-22	May-22
MHHSP-IF-003	Registration Updates to Metering Service	Blocked- Change of Agent	Registration	Mar-22	Apr-22	May-22
MHHSP-IF-004	Metering Service Appointment Outcome	Blocked- Change of Agent	Registration	Mar-22	Apr-22	May-22
MHHSP-IF-005	Metering Service Updates to Registration	Blocked- Interface Approach	Registration	Feb-22	Mar-22	Apr-22
MHHSP-IF-006	Data Service Appointment	Blocked- Change of Agent	Registration	Mar-22	Apr-22	May-22
MHHSP-IF-007	Data Service De-Appointment	Blocked- Change of Agent	Registration	Mar-22	Apr-22	May-22
MHHSP-IF-008	Registration Updates to Data Service	Blocked- Change of Agent	Registration	Mar-22	Apr-22	May-22
MHHSP-IF-009	Data Service Appointment Outcome	Blocked- Change of Agent	Registration	Mar-22	Apr-22	May-22
MHHSP-IF-010	Registration Updates to Central Settlements	Blocked- Change of Agent	Registration	Mar-22	Apr-22	May-22
MHHSP-IF-017	Registrations Service confirmation of revised metering information	Blocked- Interface Approach	Registration	Feb-22	Mar-22	Apr-22
MHHSP-IF-021	HH Consumption Data	Sub-Group Review	Smart Advanced Unmetered	Feb-22	Mar-22	Apr-22
MHHSP-IF-022	LSS Period Data	Sub-Group Review	Elexon Central Systems Smart	Jan-22	Feb-22	Mar-22
MHHSP-IF-023	LSS Totals Data	Sub-Group Review	Elexon Central Systems Smart	Jan-22	Feb-22	Mar-22

MHHS BPRWG- Interface Specifications- Current Status

Reference	Name	Status	Sub-Group(s)	Sub-Group Activity Complete	BPRWG Review Complete	DAG Review Complete
MHHSP-IF-026	Publish ISD	Sub-Group Review	Elexon Central Systems	Feb-22	Mar-22	Apr-22
MHHSP-IF-030	Registration Update to Supplier (COS Gain)	Blocked- Change of Agent	Registration	Mar-22	Apr-22	May-22
MHHSP-IF-031	Supplier Request to Appoint Agents	Blocked- Change of Agent	Registration	Mar-22	Apr-22	May-22
MHHSP-IF-032	Supplier Request to Appoint Agents Response	Blocked- Change of Agent	Registration	Mar-22	Apr-22	May-22
MHHSP-IF-033	Registration Update to Supplier (3rd Party Change)	Blocked- Interface Approach	Registration	Mar-22	Apr-22	May-22
MHHSP-IF-036	Registration Update to LDSO	Blocked- Interface Approach	Registration	Feb-22	Mar-22	Apr-22
MHHSP-IF-037	LDSO Notification of Changes	Sub-Group Review	Registration	Feb-22	Mar-22	Apr-22
MHHSP-IF-038	Metering service update to Registration for change of Energisation	Blocked- Interface Approach	Registration	Feb-22	Mar-22	Apr-22
MHHSP-IF-039	Registration Services response to metering service request to change of energisation	Blocked- Interface Approach	Registration	Feb-22	Mar-22	Apr-22
MHHSP-IF-040	Registration services notification of changes following a disconnection	Blocked- Interface Approach	Registration	Feb-22	Mar-22	Apr-22
MHHSP-IF-041	Meter Reading	Blocked- Supplier Interaction	TBC	Mar-22	Apr-22	May-22
MHHSP-IF-042	Supplier Update HH Consent Granularity	Blocked- Supplier Interaction	Registration	Mar-22	Apr-22	May-22
MHHSP-IF-043	Notification of Change to HH Consent Granularity	Blocked- Supplier Interaction	Registration	Mar-22	Apr-22	May-22
MHHSP-IF-044	Notification of Change to Domestic Indicator	Blocked- Supplier Interaction	Registration	Mar-22	Apr-22	May-22

MHHS BPRWG- Interface Specifications- Current Status

Reference	Name	Status	Sub-Group(s)	Sub-Group Activity Complete	BPRWG Review Complete	DAG Review Complete
MHHSP-IF-045	Supplier Advisory Notifications	Blocked- Supplier Interaction	Smart	Mar-22	Apr-22	May-22
MHHSP-IF-046	Supplier Advisory Response from SDS	Blocked- Supplier Interaction	Smart	Mar-22	Apr-22	May-22
MHHSP-IF-047	MPAN Enquiry	Blocked- Supplier Interaction	Registration	Mar-22	Apr-22	May-22
MHHSP-IF-048	MPAN Enquiry Response	Blocked- Supplier Interaction	Registration	Mar-22	Apr-22	May-22
MHHSP-IF-049	Request Change of Segment	Blocked- Change of Agent	Registration	Mar-22	Apr-22	May-22
MHHSP-IF-050	Notify Change of Segment complete	Blocked- Supplier Interaction	Registration	Mar-22	Apr-22	May-22
MHHSP-IF-051	Supplier Request of Energisation Change (D0134)	Blocked- Supplier Interaction	Registration	Mar-22	Apr-22	May-22
MHHSP-IF-052	Dist. On Site Change (D0139)	Blocked- Supplier Interaction	Registration	Mar-22	Apr-22	May-22
MHHSP-IF-053	Supplier Request for Metering Works (D0142)	Blocked- Supplier Interaction	Registration	Mar-22	Apr-22	May-22
MHHSP-IF-054	Request Disconnection (D0132)	Blocked- Supplier Interaction	Registration	Mar-22	Apr-22	May-22
TBC	DUOS/LLF Management	First Draft Not Complete	TBC	TBC	TBC	TBC
TBC	Demand Control	First Draft Not Complete	TBC	TBC	TBC	TBC

MHHS BPRWG- Business Requirements/Business Process Descriptions- Current Status

Reference	Name	Status	Sub-Group(s)	Sub-Group Activity Complete	BPRWG Review Complete	DAG Review Complete
MHHSP-BRS001 MHHSP-BPD001	Smart Data Service	First Draft Not Complete	Smart	Apr-22	Apr-22	May-22
MHHSP-BRS002 MHHSP-BPD002	Advanced Data Service	First Draft Not Complete	Advanced	Apr-22	Apr-22	May-22
MHHSP-BRS003 MHHSP-BPD003	Unmetered Data Service	First Draft Not Complete	Unmetered	Apr-22	Apr-22	May-22
MHHSP-BRS004 MHHSP-BPD004	Smart Metering Service	First Draft Not Complete	Smart	Apr-22	Apr-22	May-22
MHHSP-BRS005 MHHSP-BPD005	Advanced Metering Service	First Draft Not Complete	Advanced	Apr-22	Apr-22	May-22
MHHSP-BRS006 MHHSP-BPD006	Registration Service	First Draft Not Complete	Registration	Apr-22	Apr-22	May-22
MHHSP-BRS007 MHHSP-BPD007	Load Shaping Service (ECS)	Sub-Group Review	Elxon Central Systems	Dec-21	Mar-22	Apr-22
MHHSP-BRS008 MHHSP-BPD008	Marketwide Data Service (ECS)	Sub-Group Review	Elxon Central Systems	Jan-22	Feb-22	Mar-22
MHHSP-BRS009 MHHSP-BPD009	Volume Allocation Service (ECS)	Sub-Group Review	Elxon Central Systems	Feb-22	Mar-22	Apr-22
MHHSP-BRS010 MHHSP-BPD010	Industry Standing Data	Sub-Group Review	Elxon Central Systems	Feb-22	Mar-22	Apr-22

MHHS BPRWG- Global Artefacts- Current Status

Reference	Name	Status	Sub-Group(s)	Sub-Group Activity Complete	BPRWG Review Complete	DAG Review Complete
	Data Catalogue	Maintenance	All	Mar-22	Mar-22	Apr-22
	Business Process List	Maintenance	All	Mar-22	Mar-22	Apr-22
	Operational Choreography	Draft Not Complete	All	Mar-22	Mar-22	Apr-22
	Logical Data Model	Draft Not Complete	All	Apr-22	Apr-22	May-22
	Interface List	Maintenance	All	Feb-22	Feb-22	Mar-22

MHHS TDWG & SDWG- Technical Design Artefact Status Report

	Current Status						Forecast Level 4 Review			Forecast DAG Review		
Technical Design Artefacts	No. of Docs	First Draft Not Complete	First Draft Complete	In Flight Sub-Group Review	Blocked	In Flight Level 4 Review	Feb	Mar	Apr	Mar	Apr	May
DIP Non Functional Requirements	1	0	1	1	0	1	1			1		
DIP Functional Specification	1	0	1	1	0	1	1			1		
End to End Architecture	1	1	0	0	0	0		1			1	
End to End Non Functional Requirements	1	1	0	0	0	0		1			1	
Security Specifications and Impact assessments	4	1	3	3	0	3			3			3
Total	8	3	5	5	0	5	2	2	3	2	2	3

MHHS TDWG & SDWG- Technical Design Artefacts- Current Status

Working Group	Document Type	Blocking Issue	Status	Sub-Group Activity	Level 4 Review	DAG Review
TDWG	Design Principles & Assumptions		Agreed	Nov-21	Jan-21	Feb-22
	DIP Functional Specification	Addressing Decision and agreement on all messaging patterns (ECS Outputs) Security Clarifications	Initial review by Sub-Group	Nov-21	Feb-22	Mar-22
	Architecture Principles		Agreed	Nov-21	Feb-22	Mar-22
	Non-Functional Requirements	Volumetric Analysis of Interfaces	Initial review by Sub-Group completed- Update required following volumetric modelling	Nov-21	Feb-22	Mar-22
	E2E Non-Functional Requirements	Volumetric Analysis of Interfaces	Draft Complete	Feb-22	Mar-22	Apr-22
	E2E Solution Architecture		Not Started	Mar-22	Apr-22	May-22
SDWG	DPIA		Initial view from AWG reviewed	Jan-22	Apr-22	May-22
	Code of Connection Guidance	Security clarifications from OFGEM	Draft in Progress	Jan-22	Apr-22	May-22
	MHHS E2E Security Requirements	Security clarifications from OFGEM	Draft Complete	Jan-22	Apr-22	May-22
	MHHS E2E Security Architecture	Security clarifications from OFGEM	Draft Complete	Jan-22	Apr-22	May-22