

MHHS Design Advisory Group (DAG) Minutes and Actions

Issue date: 16/08/2023

Meeting number **DAG027**

Venue **Virtual – MS Teams**

Date and time **09 August 2023 1000-1300**

Classification **Public**

Attendees

Chair

Justin Andrews (Chair)

Role

Chair

Industry Representatives

Carolyn Burns (CBu)

Small Supplier Representative

Daniel Arrowsmith (DA)

National Grid ESO

David Yeoman (DY)

DNO Representative

Donna Jamieson (DJ)

iDNO Representative

Gareth Evans (GE) (on behalf of Andrew Green)

I&C Supplier Representative

Haz Elmamoun (HE)

Large Supplier Representative

Kristina Leary (KL) (on behalf of Robert Langdon)

Supplier Agent Representative

Phil Milmine (PM) (on behalf of Riccardo Lampini)

Elexon Representative

Sarah Jones (SJ)

RECCo Representative

Seth Chapman (SC)

Supplier Agent Representative

Stuart Scott (SS)

DCC Representative (as smart meter central system provider)

Vladimir Black (VB)

Medium Supplier Representative

MHHS

Fraser Mathieson (FM)

PMO Governance Lead

Immy Syms (IS) (part meeting)

PMO Change Lead

Kevan Spencer (KS) (part meeting)

Design Team

Paul Pettitt (PP)

Design Lead

Robert Golding (RG) (part meeting)

Design Team

Sean Cooper (SC) (part meeting)

Design Team

Other Attendees

Amin Fuggawala (AF) (CR023 only)

British Gas

Colin Bezant (CBe)

IPA

Jenny Boothe (JBo)

Ofgem

Neil Strange (NS) (CR023 only)

British Gas

Peter Waymont (PW) (part meeting)

UKPN

Rachael Prosser (RP) (part meeting)

National Grid Electricity Distribution

Apologies

Caroline Farquhar

Consumer Representative

Robert Langdon

Supplier Agent Representative

Riccardo Lampini

Elexon Representative

New / Outstanding Actions

Area	Ref	Action	Owner	Due
Minutes and Actions	DAG27-01	Programme to provide escalation/appeal information slide alongside Headline Report.	Programme (PMO)	11/08/2023
CR023 Decision	DAG27-02	Programme to provide implementation plan for CR023	Programme (PMO)	13/09/2023
CR024 & CR025 Decision	DAG27-03	Programme to add CR023 IA responses to the Programme Collaboration Base	Programme (PMO)	ASAP
CR027 Decision	DAG27-04	Programme to provide implementation plan for CR027	Programme (PMO)	13/09/2023
CR028 Approval for Impact Assessment	DAG27-05	RECCO to update CR028 to clarify option to use SDEP is not being removed	RECCo (Sarah Jones)	ASAP
CR029 Approval for Impact Assessment	DAG27-06	NGED to update CR029 to clarify how responses to the proposed optional PUB flows would operate	NGED (Rachael Prosser)	ASAP
CR030 Approval for Impact Assessment	DAG27-07	Programme to update CR030 to include additional information on compression rates, requirements for parties to expand compressed files, any salient security considerations, and the intention this method is applied to further ECS reports	Programme (Robert Golding)	ASAP
DES-196 D-Flow and Interface Mapping	DAG27-08	Programme to confirm version incrementing arrangements for data flows and scenario variants changing as a result of MHHS	Programme (Matt McKeon)	13/09/2023
Design (DIN)	DAG27-09	Programme to consider inclusion of open DINs by age in DIN reporting provided to DAG	Programme (Paul Pettitt)	13/09/2023
	DAG27-10	Programme to confirm how external code changes required as a result of DINs are progressed	Programme (Matt McKeon)	13/09/2023
Previous Meeting(s)	DAG20-03	DAG members to provide any views on the role of DAG post M5 Work-Off Plan completion to support review of DAG ToR	DAG Members	12/04/2023
	DAG17-02	Chair to review the DAG Terms of Reference to ensure there is clarity over the role of DAG post-M5	Chair	14/12/2022

Decisions

Area	Dec Ref	Decision
Minutes and Actions	DAG-DEC61	Minutes and Headline Report of DAG meeting held 12 July 2023 approved with no amendments
CR024 Decision	DAG-DEC62	The SRO approved CR024
CR028 Approval for Impact Assessment	DAG-DEC63	The DAG approved the issuance of CR028 to IA subject to the amendments agreed
CR029 Approval for Impact Assessment	DAG-DEC64	The DAG approved the issuance of CR029 to IA subject to the amendment agreed
CR030 Approval for Impact Assessment	DAG-DEC65	The DAG approved the issuance of CR030 to IA subject to the additions requested
DES-196 D-Flow and Interface Mapping	DAG-DEC66	The DAG agreed to the issuance of the DES196 supplementary documents for consultation

Minutes

1. Welcome and Introductions

The Chair welcomed attendees to the meeting and provided an overview of the meeting agenda.

2. Minutes and Actions

The Minutes and Headline Report of the DAG meeting held 12 July 2023 were approved with no amendments.

DECISION DAG-DEC61: Minutes and Headline Report of DAG meeting held 12 July 2023 approved with no amendments

The DAG reviewed the outstanding actions. Full action wording and updates can be found within the meeting papers. Key updates are provided below.

DAG17-02 & DAG20-03: An attendee asked whether the updated DAG Terms of Reference (ToR) will contain information on appeals. The Programme advised the current ToR contains information on escalations and an explanatory slide on escalations and appeal routes had been provided previously to the DAG. The Programme offered to circulate this slide with the Headline Report. Actions ongoing.

ACTION DAG27-01: Programme to provide escalation/appeal information slide alongside Headline Report.

DAG20.1-04: Elexon Helix have confirmed all interfaces generated by Helix will keep the SVAA role code 'G'. New DIP interfaces will use a 'Role ID' identified in column A of the MHHS-DES251 (MTDSG-04-Act-05_Market_Role). Existing interfaces will keep 'G' and 'Role Code'. Action closed.

DAG20.1-12: MHHS-DEL1059 (Linked and Related MPANs) provides clarity on data services for import/export meters and is available on the [Programme Collaboration Base](#). One attendee requested this matter is discussed at a future Design Resolution Group (DRG). Action closed.

3. Upcoming Programme Milestones related to DAG

The Programme advised, regarding the Tier 2 milestone related to transition design, that options will be issued to participants and review meetings held to discuss. The cut-over to the new Settlement Timetable is a key area for consideration.

SJ queried whether any dependencies with testing existed. KS responded this would not affect testing or qualification as requirements would be introduced at the cut-over at M16 (cut over to new Settlement Timetable).

4. CR023 Decision

The Chair advised a decision on approval of Programme Change Request (CR) 023 ([Standardisation of Interfaces within the Smart and Advanced Data Services Roles](#)) would be provisionally deferred to the September 2023 DAG meeting to enable an implementation plan to be provided. This would allow for a more holistic decision taking in account implementation impacts/costs and recent matter discussed at the August PSG meeting.

ACTION DAG27-02: Programme to provide implementation plan for CR023

An overview of the Impact Assessment (IA) responses was provided. The Programme took an action to ensure the responses were published on the Programme Collaboration Base.

ACTION DAG27-03: Programme to add CR023 and CR027 IA responses are published to the Programme Collaboration Base

CBu queried what the likely implementation date would be, noting participant's working assumption is a review of testing impacts is required and there is design work required to implement new data flows. As such, CBU assumed implementation would be beyond design Interim Release (IR) 5.

It was confirmed that if a participant intends on undertaking the Meter Data Retrieval (MDR) role and is not already qualified for this role by virtue of being a Supplier, they will need to be qualified for Data Integration Platform (DIP) onboarding.

HE wished to ensure the CR returns to the September DAG for decision. The Chair advised it provisionally would, subject to work to produce the implementation plan. HE thanked both the Programme and DAG members for their input.

GE queried how long it would take to set up the MDR role, where this is required. The Programme advised if the party was already undertaking the MDR role (e.g. Suppliers) they could configure the MDR role themselves in the Data Integration Platform (DIP) and it would take a matter of hours. If the party is a new MDR, full onboarding would be required and this would take longer.

5. CR024 Decision

IS provided an overview of the IA responses received on CR024 (Data Item Names and Descriptions) as per the meeting slides.

The Chair noted the implementation route (via a DIN) and likely timeline for CR024 (Data Item Names and Descriptions) was known, and the change is required to provide certainty to code drafting activities. The Chair, acting with delegated authority from the MHHS Senior Responsible Owner (SRO), approved the CR.

DECISION DAG-DEC62: The SRO approved CR024

The Programme advised the CR would be added to the Design Issue Notification (DIN) Log to enable implementation to be scheduled. The Programme committed to implementing the CR as soon as reasonably possible and no later than M10 (Central systems ready for migrating MPANs) in March 2025. The DAG were advised the Programme is focused on the release of design changes which may impact Component Integration Testing (CIT) and System integration Testing (SIT) but it is believed implementation of CR024 should be possible within the next three to four Interim Releases (IRs) and by April 2024.

6. CR027 Decision

The Programme advised a decision on approval of Programme Change Request (CR) 027 (Standardisation of Interfaces within the Smart and Advanced Data Services Roles) would be provisionally deferred to the September 2023 DAG meeting to enable an implementation plan to be provided.

ACTION DAG27-04: Programme to provide implementation plan for CR027

An overview of the Impact Assessment (IA) responses was provided. The Programme took an action to ensure the responses were published on the Programme Collaboration Base.

ACTION DAG27-03: Programme to add CR023 and CR027 IA responses are published to the Programme Collaboration Base

PW, in their capacity as Change Raiser, confirmed it was not the intent of CR027 to mandate e-billing for market participants. The Change Raiser also confirmed CR027 does not propose the D2026 flow is replaced with a corresponding DIP flow as DNOs could/would check invoices to ensure payment and contact Suppliers directly if required. HE, the Large Supplier Representative, advised Large Suppliers believed a replacement may be required. The Change Raiser highlighted the change had been developed and consulted on (twice) via a Distribution Connection and Use of System (DCUSA) working group and no issue had been raised by Large Suppliers there, however Large Suppliers could raise a new CR if they wished.

7. CR028 Approval for Impact Assessment

RECCo provided an overview of CR028 (EES and SDEP Requirements), advising it seeks to amend Electricity Enquiry Service (EES) and Secure Data Exchange Platform (SDEP) requirements contained within MHHS Design Artefacts. The CR would formalise requirements to be delivered via the EES and remove SDEP requirements. The intent of the CR was discussed and agreed at the REC MHHS Stakeholder Advisory Group.

RECCo agreed to update the CR to clarify that SDEP would not be removed as an option for the MHHS-related messages. REC Parties could use the generic messaging functionality of the SDEP, if they wished and there is no specific requirement to implement changes to the SDEP, as a result of MHHS design.

ACTION DAG27-05: RECCO to update CR028 to clarify option to use SDEP is not being removed

The Programme advised an implementation plan would be provided prior to a decision on the CR. One member believed there could be impacts on the testing of PUB001, if the CR is not approved by 31 October 2023. They would include this in their IA response.

The DAG approved the issuance of CR028 to IA subject to the amendment agreed above.

DECISION DAG-DEC63: The DAG approved the issuance of CR028 to IA subject to the amendments agreed

8. CR029 Approval for Impact Assessment

National Grid Electricity Distribution (NGED) provided an overview of CR029 (DIP LDSO Interface Processing), advising the change seeks to optionalise the consumption of PUB messages direct to Licences Distribution Service Operators (LDSOs) to avoid unnecessary testing development effort.

NGED noted the PUBs in scope of the change are listed within the CR, some of which are essentially redundant (e.g. the Registration Service to LDSO PUB). One member queried what would happen if a party subscribed to the flow; the data would be generated but would not go anywhere. The Programme advised unsubscribed messages would go into a 'dead letter queue' and then expire, and this is noted in the CR. The Programme would in their IA identify whether this impacts MHHS testing. NGED agreed to add a clarifying update to the CR (**ACTION DAG27-05**).

ACTION DAG27-06: NGED to update CR029 to clarify how responses to the proposed optional PUB flows would operate

The Programme advised an implementation plan would be provided prior to a decision on the CR.

The DAG approved the issuance of CR029 to IA subject to the amendment agreed above (**DECISION DAG-DEC64**).

DECISION DAG-DEC64: The DAG approved the issuance of CR029 to IA subject to the amendment agreed

9. CR030 Approval for Impact Assessment

The Programme provided an overview of CR030 (Introduction of Compressed Payloads into DIP Messages), advising the change seeks to compress certain Elexon Central System (ECS) reports to mitigate their potentially large file size. The CR was discussed at the DRG and the Programme advised tests showed the compression works well and can be made to be compatible with Elexon Pattern A and Pattern B data security requirements.

The Programme advised the compression could be used elsewhere for other reporting data and consideration could be given to this in future. The CR details which ECS reports would be affected and details the intention to use compression for all ECS reports in future.

The DAG requested the CR be updated to include additional information on compression rates, requirements for parties to unzip files, any salient security considerations, and the intention this method is applied to further ECS reports.

ACTION DAG27-07: Programme to update CR030 to include additional information on compression rates, requirements for parties to expand compressed files, any salient security considerations, and the intention this method is applied to further ECS reports

The DAG approved the issuance of CR030 to IA subject to the additions requested above.

DECISION DAG-DEC65: The DAG approved the issuance of CR030 to IA subject to the additions requested

10. DES-196 D-Flow and Interface Mapping

The Programme provided an overview of document produced to supplement the DES196 (D-Flow and Interface Mapping Document). The supplementary documents provide more detail on D-Flow changes and set out a solution statement and further changes as per the meeting slides. The Programme sought DAG's agreement to the documents being issued for a ten working day consultation.

The DAG discussed the versioning of flows which may change, noting some are scenario variants and so it is expected versions would be incremented. The Programme took an action to confirm whether version increments will occur, and specifically whether the addition of new role codes would result in a version increment.

ACTION DAG27-08: Programme to confirm version incrementing arrangements for data flows and scenario variants changing as a result of MHHS

The Programme advised of an intention for the documents to return to the September DAG for approval following review of consultation comments.

The DAG agreed to the issuance of the DES196 supplementary documents for consultation.

DECISION DAG-DEC66: The DAG agreed to the issuance of the DES196 supplementary documents for consultation

11. Design (DIN)

PP provided a status update on the DIN Log, advising there were a total of c.600 issue notifications. Good progress is being made on closing down DINs, and updates are provided within the log. PP advised that following implementation of IR4, there will be approx. 74 DINs awaiting resolution. It is likely further DINs will be received from participants.

HE requested an addition is made to the DIN reporting for DAG showing DIN by age. PP highlighted DIN resolutions are implemented based on priority to Programme milestones.

ACTION DAG27-09: Programme to consider inclusion of open DINs by age in DIN reporting provided to DAG

SC queried whether external code change proposals (CPs) were required as part of the resolution of any DINs. PP responded these are denoted within the DIN Log where known, and most relate to data flows. The DIN Log indicates whether consequential change to the Balancing and Settlement Code (BSC) or Retail Energy Code (REC) are required. SJ asked whether the prospective changes would be progressed alongside Programme code drafting, noting none are currently progressing via external CPs.

ACTION DAG27-10: Programme to confirm how external code changes required as a result of DINs are progressed

Finally, PP advised IR4 was on track for release on 30 August 2023, and the deadline for objections was 16 August 2023.

12. Design Assurance

PP provided an update on design assurance activities being undertaken by the Programme to support parties who are entering SIT. This has involved deep dives by the Programme into individual participant design.

PP highlighted the activities are not intended to be an audit but are aimed at ensuring parties have the right support and that designs are robust ahead of SIT commencement. A primary focus is ensuring core participants are ready for SIT. The IPA said it was important for the Programme to identify and support any participants that are struggling.

13. Top Programme Risks related to DAG

FM introduced a new standing agenda item which is aimed at ensuring governance groups such as DAG have more awareness and involvement in the management of risks and issues related to their relevant workstream.

SC queried whether risk R214 (increased meter reading costs due to the compressed settlement window) was design related. SC noted it may have implications for transition cut-over design, but it was unclear whether it could be mitigated within the design or whether it was something that sits solely with participants to manage. HE suggested the risk should have a higher RAG rating because of the dependency on smart meter penetration and need for communication across Programme participants.

SJ queried whether there was a DAG-specific risks and issues log. FM replied whilst there were some DAG-specific risks previously tracked in relation to the design baseline work-off plan, there is no standalone DAG risk register, and all risks are tracked centrally via the Programme RAID Log.

FM advised the RAID Log can be accessed on the Programme Collaboration Base and via the Programme's Digital PMO (dPMO) tool.

14. Programme Updates

FM highlighted Readiness Assessment 3 (RA3) will commence on 05 September 2023. The Programme will issue questions to participants on their Programme readiness, and participants will have until 25 September 2023 to respond.

15. Summary and next steps

The Chair thanked members for their expert input and closed the meeting.

Dates of next meeting:

13 September 2023 10am