MHHS PROGRAMME

Industry-led, Elexon facilitated

Cross Code Advisory Group #15
22 February 2023

Version 2.0

MHHS DEL1008

Agenda

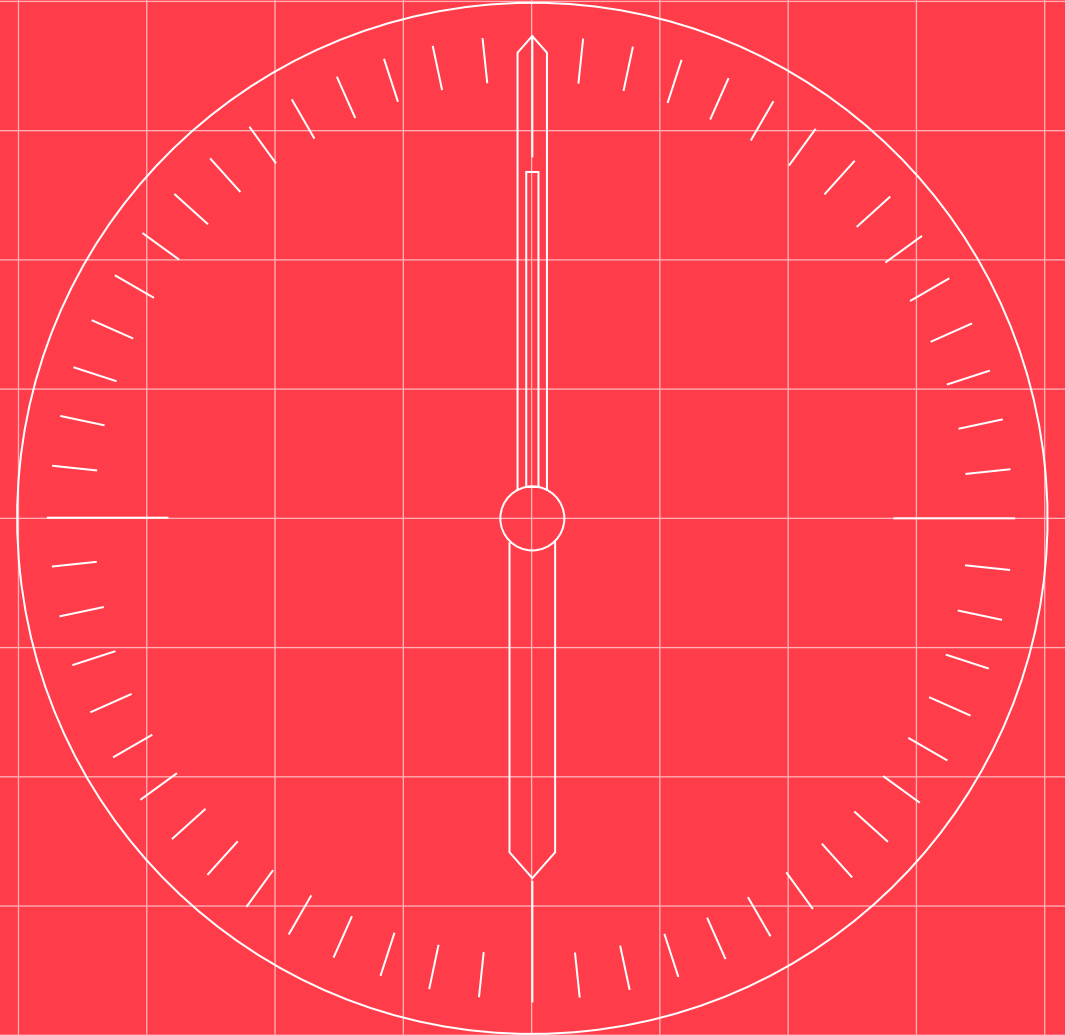| #	Item	Objective	Type	Lead	Time	Page
1	Welcome			Chair	10:00-10:05 *5 mins*	1
2	Minutes and Actions	Approve minutes of previous meeting and review/approve outstanding actions	Decision	Chair & Secretariat	10:05-10:20 *15 mins*	3
3	Programme Updates	Updates from MHHS Programme governance groups and the wider Programme	Information	Programme (Fraser Mathieson)	10:20-10:25 *5 mins*	5
4	Horizon Scanning Log	Updates from all Code Bodies on changes which may impact MHHS Programme	Information	Code Bodies & Programme	10:25-10:45 *20 mins*	7
5	Ofgem Code Designation Update	Overview from Ofgem of proposed approach to designation of code drafting	Discussion	Ofgem (Andy MacFaul)	10:45-10:55 *10 mins*	9
6	Code Drafting Replan	Present code drafting plan on a page	Information	Programme (Becca Fox)	10:55-11:05 *10 mins*	12
7	CCAG Reporting	Updates on code drafting activities against approved code drafting plan	Information	Programme (Becca Fox)	11:05-11:15 *10 mins*	15
8	CDWG Update	Updates from the Code Drafting Working Group (CDWG)	Information	Programme (Becca Fox)	11:15-11:25 *10 mins*	20
9	Consequential Change Code Drafting	Provide update on baselined consequential change items and next steps to bringing into Programme scope	Information	Programme (Fraser Mathieson)	11:25-11:35 *10 mins*	22
10	Summary and Next Steps	Summarise meeting actions and next steps	Information	Chair & Secretariat	11:35-11:40 *5 mins*	26

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Minutes and Actions

DECISION: Approve of minutes of previous meeting and review of outstanding actions

Chair & Secretariat

15 mins

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Minutes and Actions

- Approval of Minutes an Headline Report and Minutes from CCAG meeting held 25 January 2023
- Review of outstanding actions:

Ref	Action	Owner	Due Date	Update
CCAG14-01	Programme to clarify position and timelines on BSC issue 101 and how any requirements may proceed into CCAG-led code drafting	Programme (Chris Welby)	22/02/2023	RECOMMEND CLOSED: No dependency identified between BSC Issue 101 and MHHS code drafting as no requirement for cross inputs.
CCAG14-02	Programme ensure HS Log reflects latest Code Body updates	Programme (PMO)	22/02/2023	RECOMMEND CLOSED: Log updated.
CCAG14-03	Programme to issue notice in The Clock to advise participants of CC Log and location for visibility and to invite queries or comments	Programme (Andrew Margan)	01/02/2023	RECOMMEND CLOSED: Notice issued in The Clock on 01 February 2023.
CCAG14-04	Programme to issue notice in The Clock to advise participants of upcoming review requirements as part of Programme code drafting consultations	Programme (Andrew Margan)	01/02/2023	RECOMMEND CLOSED: Notice issued in The Clock on 01 February 2023.
CCAG13-02	Review the risks IDs for each Horizon Scanning entry to ensure there is a clear link/cross-reference between horizon scanning items and RAID log entries	Programme (Jason Brogden, Matt McKeon)	25/01/23	ONGOING: RAID IDs within Horizon Scanning Log are present and continue to be under review.
CCAG13-03	Present the list of consequential change items to be included in code drafting and the rationale for including them to the January CCAG	Programme, Code Bodies	25/01/23	RECOMMEND CLOSED: Current consequential code drafting areas provided under agenda item 9. Several items are still be agreed by the relevant Code Body as requiring inclusion in consequential change code drafting, with further discussion due to be held at the next CCIAG on 23 February 2023.
CCAG13-06	Present an updated version of the design artefact mapping document at January CCAG (to show how design artefacts map to code drafting topic areas)	Sarah Jones, Matt McKeon	25/01/23	RECOMMEND CLOSED: DCUSA Representative advised at the 07 February 2023 Code Drafting Working Group that mapping to services is adequate.

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Programme Updates

INFORMATION: Updates from MHHS Programme governance groups and the wider Programme

Programme (PMO)

5 mins

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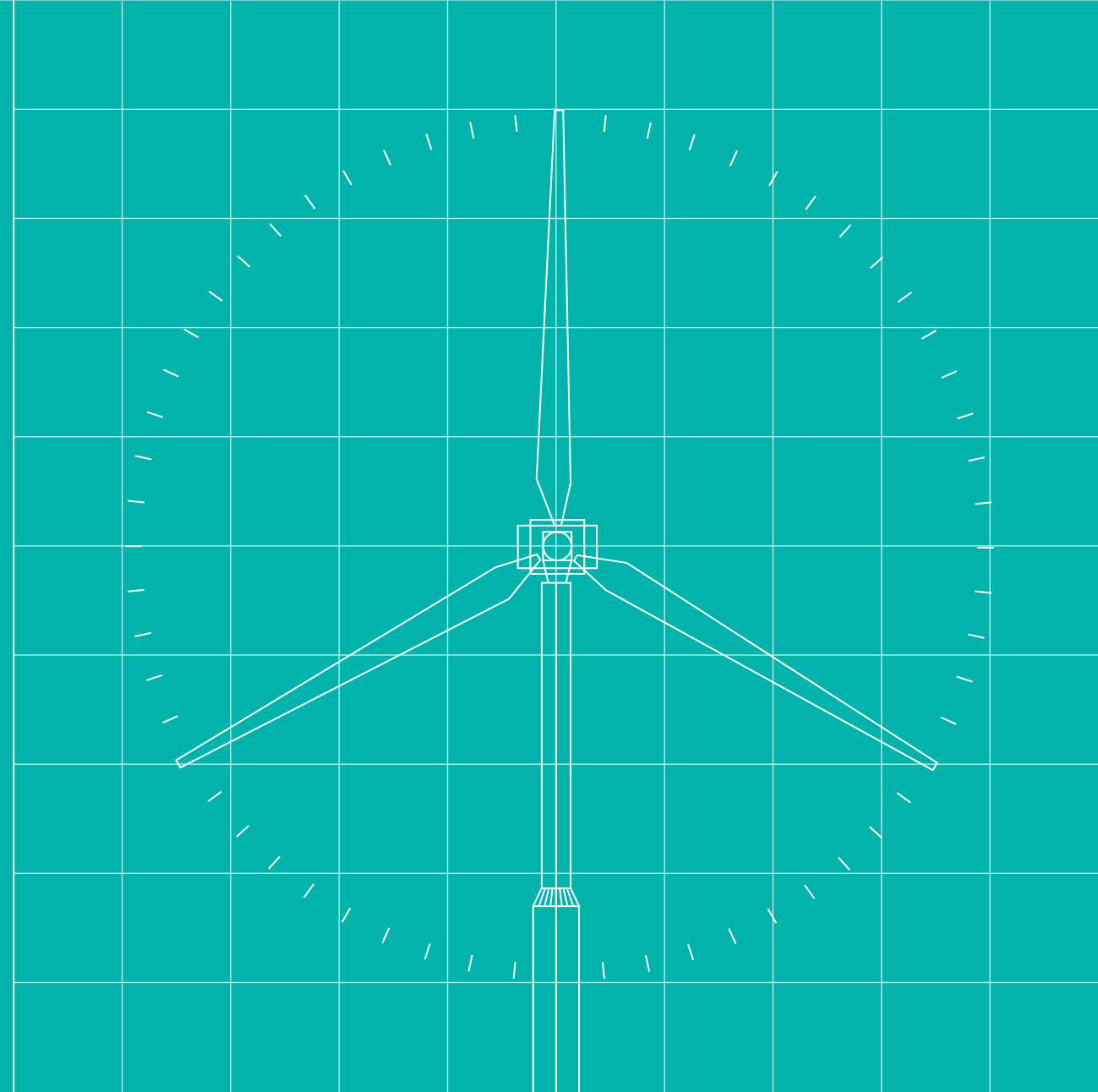
Governance group updates

Programme Steering Group (PSG)

Update from PSG 01 February 2023

1. **Avanade introduction –** The new DIP provider, Avanade, provided an overview of themselves and their DBT plan
2. **Status updates –** The PSG heard updates on progress of the M5 Work-Off Plan (which was being proposed for sign off at DAG) and Round 3 of consultation on the Programme plan (which had an excellent response rate with a positive outlook for SIT).
3. **Benefits Realisation Plan –** The PSG discussed the approach to benefits realisation post-go live and approved the updated Benefits Realisation Plan
4. **Change Control –** The PSG approved CR013, agreed to raise CR015 to Impact Assessment, and heard an update on the outcome of CR016
5. **Working Group Engagement –** The PSG discussed analysis on the engagement of constituencies and the organisations within them at the various MHHS Working Groups.

PSG papers available here.

Testing and Migration Advisory Group (TMAG)

Update from TMAG 15 February 2023

1. **Data Assessment Report –** The Programme updated on progress of the Data Assessment Report ahead of planned approval at an extraordinary TMAG on 28 February
2. **Environments Approach and Plan –** The TMAG reviewed and approved the uplifted draft v2.2 of the Approach and Plan
3. **TMAG future –** The TMAG agreed to maintain TMAG but to split the meeting in two halves for Test and Migration, with an option for constituencies to have co-representation for each
4. Working group updates – Updates were provided on activity at the Qualification, Systems Integration Testing and Non-Functional Testing Working Groups

TMAG papers available here

Design Advisory Group (DAG)

Updates from DAG 01 February & 08 February 2023

1. **Work-Off Plan:** Of 73 work-off items, 62 are now considered resolved. The remaining 11 were discussed at the DAG meetings held 01 & 08 February 2023, where resolution actions were agreed. All work-off resolutions will be issued in an updated M5 Work-Off Plan report, available here. Change marked Design artefacts reflecting Work-Off Plan amendments have been issued to DAG members to consult with constituents and provide final comments by close of business 14 February 2023.

2. **Work-Off Plan Completion:** An extraordinary DAG will be held 16 February 2023 to discuss any consultation responses received from constituents. The DAG will be asked to decide whether the M5 Work-Off Plan is considered complete and whether the Design Artefacts are rebaselined.

3. **Change Requests CR014 & CR017:** Two change requests were deferred for further development ahead of a decision on issuance to Impact Assessment (IA). The changes will return to a future DAG for decision on IA.

DAG papers available here

Cross Code Advisory Group (CCAG)

Update from CCAG 25 January 2023

1. **Qualification Code Drafting –** A dependency on the Qualification Assessment Document (QAD) exists. The Programme are working with the BSC to develop this, and items will be tabled at the next Qualification and E2E Sandbox Working Group (QWG) on 14 February 2023.

2. **Performance Assurance Requirements –** Currently under development by the Elexon-led Performance Assurance Working Group (PAWG). Timelines for delivery of PA requirements are under close review.

3. **Horizon Scanning Log –** Latest updates were provided by Code Bodies. Several related cross-code changes are either due to be delivered to Ofgem for, or awaiting, decision (see BSC P432, DCUSA DCP414, REC R0015). BSC Issue 101 (DIP FGO) is ongoing and interested parties encourage to attend discussion group.

4. **Code Drafting –** The governance of consequential change code drafting was discussed and the Programme advised the first code drafting topic areas have commence (Data and Metering Services.

CCAG papers available here

Wider Programme updates

Migration Design Artefacts

In conjunction with the Migration Design Subgroup (MDSG), the Migration Design team has been developing the Artefacts that underlie Migration Design. These Migration Design Artefacts articulate the processes through which Meter Point Administration Numbers (MPANs) will be migrated to the new MHHS arrangements, and reverse migrated to the legacy arrangements. They will be published for industry review on **Monday 13 February**.

The consultation window for the Migration Design Artefacts will last for one week, ending at **17:00** on **Monday 20 February**. Full details of how to review these Artefacts and submit your feedback will be shared via direct email to all participant Principal Contacts and MDSG members on **Monday 13 February**.

Although the Design Artefacts will be updated, subject to the Design Work-Off Plan, we don't expect the Migration Design Artefacts to be impacted by these updates. As a result, we have not delayed the issue of the Migration Design Artefacts for industry consultation.

If you have any questions about this consultation, please email the Migration Design team at migration@mhhsprogramme.co.uk

Code Drafting Consultation

Code drafting has now commenced via the Code Drafting Working Group (CDWG), with the first topic areas being Meter Services and Data Services. Retail Energy Code (REC), and Balancing and Settlement Code (BSC) draft legal text will be issued for consultation on 14 February 2023, with participants given three weeks to respond. Responses will then be reviewed by code drafters and any matters requiring discussion brought to the CDWG.

Some BSC Code Artefacts will not be available for consultation as resource is prioritised to complete Design Work-Off activities. An amended Code Drafting Plan will be presented to the Cross-Code Advisory Group (CCAG) on **22 February 2023** and will be incorporated into the Round 3 Programme Replan activity.

Other updates:
- **Updates on Programme Change Requests**: Latest updates can be found within the Programme newsletter, The Clock.
- **Webinar:** Systems Integration Testing (SIT) Participation, 23 February 2023.
- **Webinar:** Introduction to the Data Integration Platform (DIP), 28 February 2023

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Horizon Scanning Log

INFORMATION: Updates from all Code Bodies on changes which may impact MHHS Programme

Code Bodies & Programme

20 mins

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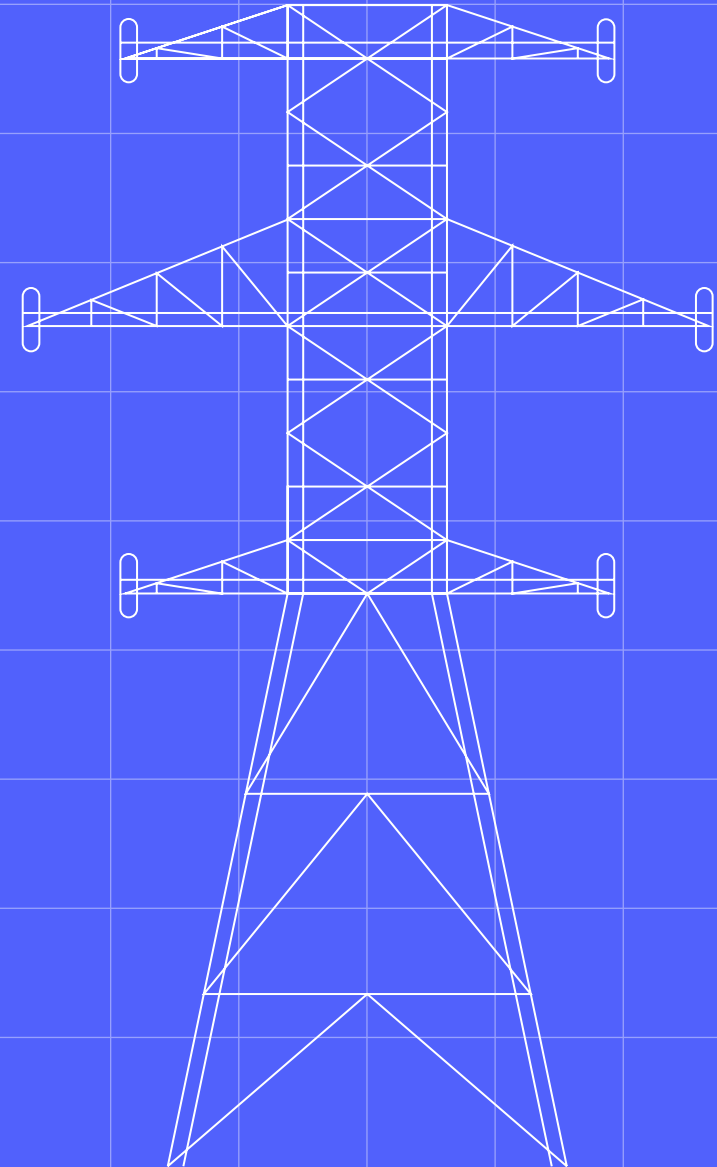
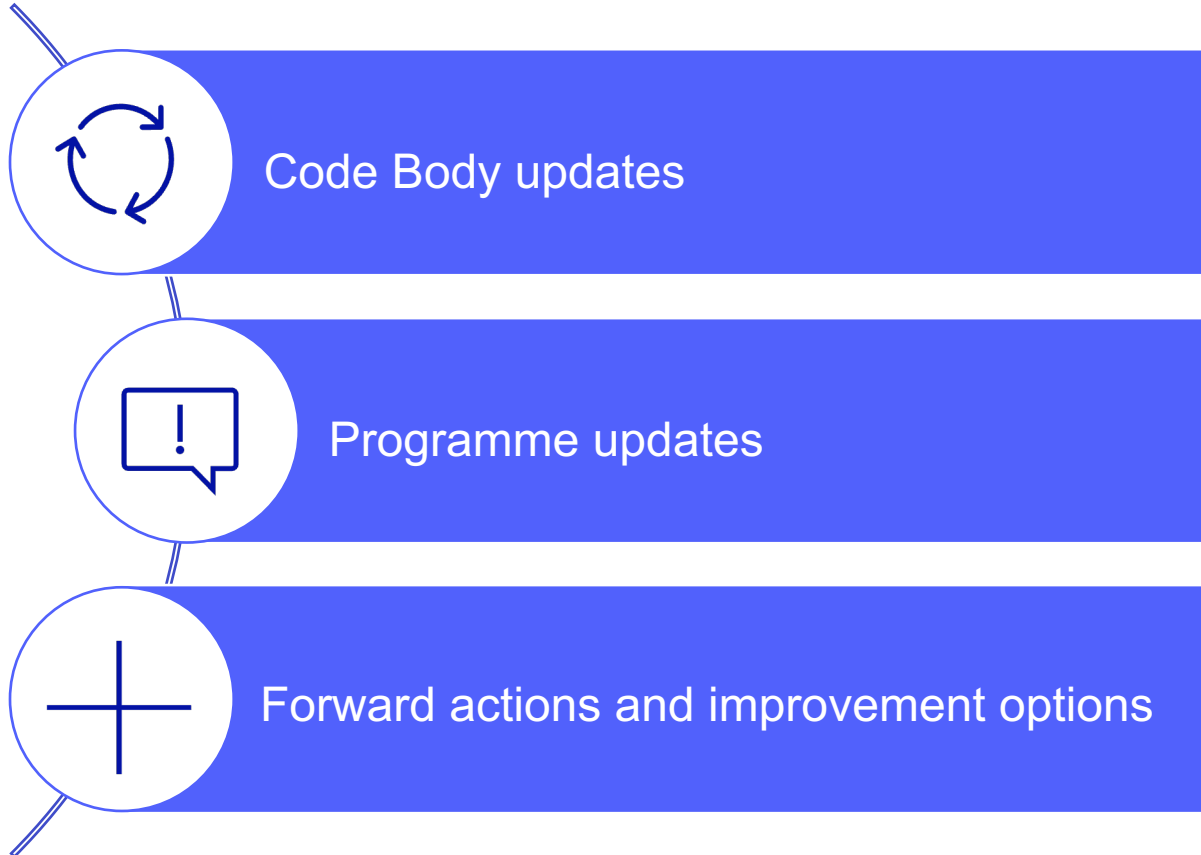| Change Title	P432 Half Hourly Settlement for CT Advanced Meters				
Change Summary:	As part of its P432 Send Back direction, Ofgem required an associated DCUSA Mod be raised. DCP414 was raised to provide transitional protection for NHH CT customers moving to HH Settlement & prevent penal excess capacity charges being applied to customers (in certain circumstances). DCP414 may require a further BSC Change. The original intent was to get DCP414 submitted to Ofgem by 28 Feb 23, but this will not be possible as DCP414 are still developing the solution. This means, should Ofgem wish to approve P432, it will be implemented 3 months after their approval (instead of June 2023). This Modification proposes to align the BSC definition of an Advanced Meter with that in the Standard License Conditions (SLC) and to set explicit Half Hourly (HH) Settlement obligations for Current Transformer (CT) Advanced Meters ahead of the migration to Market-wide Half-Hourly Settlement (MHHS).				
Stakeholder positions:	Suppliers mostly against Supplier Agents mostly support BSC Panel has recommend approval (previously rejection), following Ofgem Send Back to revise implementation approach				
Date raised	2 Dec 21	Status	With Ofgem for decision	Decision date	TBC	MHHS Impact	Direct impact

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Change Title	P442 Reporting to EMRS of chargeable volumes for SVA Metering Systems that record both exempt and licensed supply					
Change Summary:	The first Workgroup meeting will be held on 15 Feb. A consequential MHHS CR will be required too. P442 has a requirement for HHDCs to send metered data to a new [Party Agent], ESCA (when asked to do so by the Supplier). In MHHS this will be a new requirement for the Advanced Data Services (ADS) and Smart Data Services (SDS). Alternatively the Supplier could collect and submit this data. Data Services could send via DTN or DIP. Workgroup need to decide if this will be a mandatory or optional service for HHDCs. This Modification seeks to allow correct reporting of chargeable volumes to the EMRS company for SVA Metering Systems that record both exempt supply and licensed supply through the addition of a new third party role, the "Exempt Supply Calculation Agent". It will impact the reporting of data into EMRS which has currently been defined as a MDS responsibility.					
Stakeholder positions:	Supportive so far					
Date raised	7 Jul 22	Status	Workgroup assessment	Decision date	Sep 23 earliest	MHHS Impact	MDS impact

Change Title	Allowing different Supplier Agents to be appointed to Import and Export MSIDs					
Change Summary:	Ofgem rejected Good Energy's sandbox application as they were "not persuaded that a trial is necessary, and believe these benefits would be better realised by Good Energy raising modifications to the BSC and REC." Good Energy have drafted a BSC Modification Proposal and we are working with them to submit this to the March or April BSC Panel meeting. We understand that MHHS has recently confirmed (see M5 Work Off Plan DAG Report & Feb 23) that MHHS design will allow different smart Data Services to be appointed, but not for Meter Operators. A consequential MHHS will therefore be required for the Meter Operator change (under REC) and alignment between this Mod and TOM design will be needed for Data Services. This modification would allow Suppliers to appoint different Supplier Agents for the Import and Export MSIDs apply where Data Communications Company (DCC) enabled smart meters are installed. Being able to appoint different Supplier Agents across Import/Export MSIDs will enable it to remove a barrier preventing the use of Export MSIDs for small-scale microgeneration.					
Stakeholder positions:	Supportive so far					
Date raised	TBC	Status	Pre-raise	Decision date	TBC	MHHS Impact	TBC

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CCAG Horizon Scanning Log 22 February 2023

Code Body updates

Programme updates

Forward actions and improvement options

Reminder: Horizon Scanning Log Process

Code Bodies review log

Code Bodies add/update relevant changes

MHHS Design Team review entries

MHHS determine impacts and identifies actions

CCAG review impacts and actions

Updates made throughout month via live online log
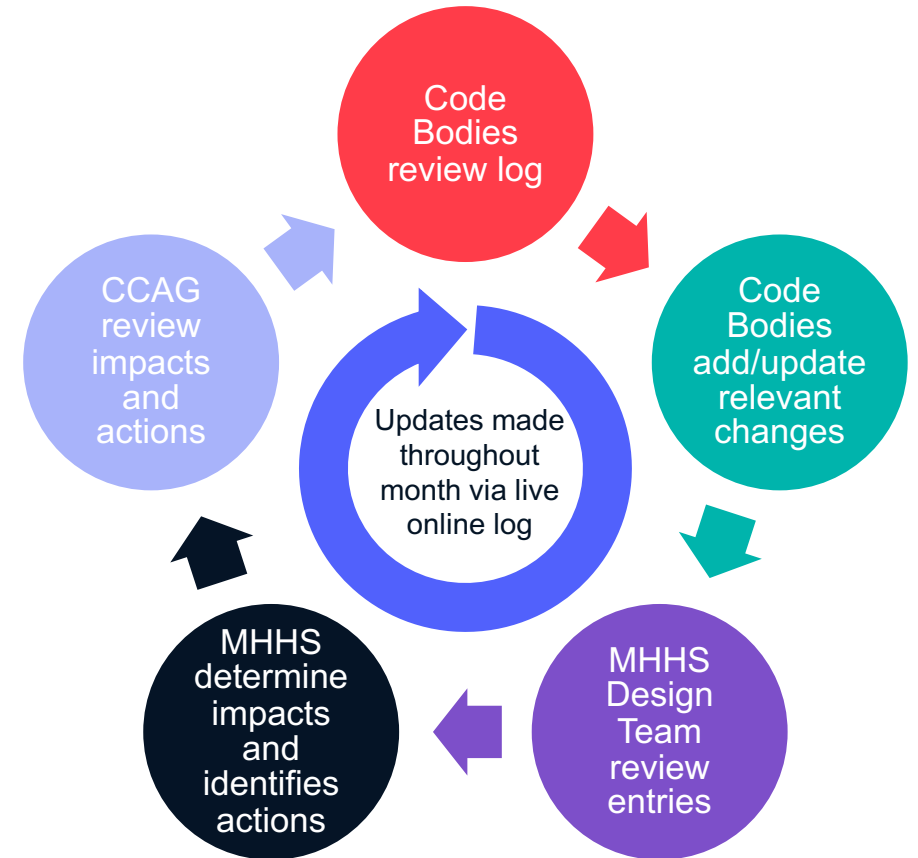
Live log available on the Programme Collaboration Base – please contact PPC@mhhsprogramme.co.uk if you require access

Direct link: MHHS-DEL387 CCAG Code Change Horizon Scanning Log v1.0

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Ofgem Code Designation Update

DISCUSSION: Overview from Ofgem of proposed approach to designation of code drafting

Ofgem (Andy MacFaul)

10 mins

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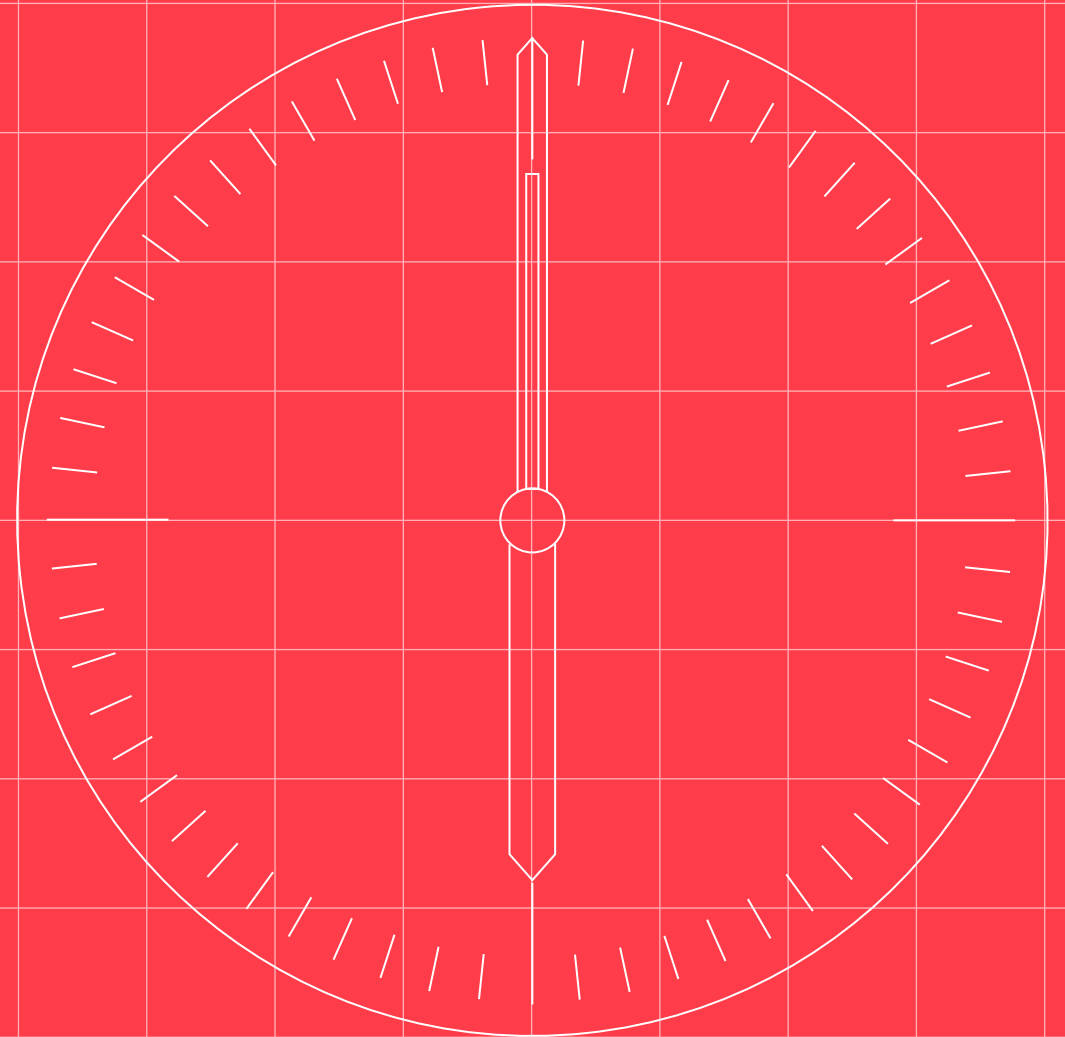
Ofgem has two potential routes for making the code changes

- Significant Code Reform (SCR) powers

- Smart Meters Act powers

- Our preference is to use the existing Settlement Reform SCR powers
    - we used them to introduce the governance arrangements in 2021
    - effective liaison with code bodies will be key

- The SMA powers will be in reserve and can be activated if necessary

- In any event, the onus is on Programme governance groups/code bodies to draft, discuss and consult on legal text before Ofgem receives the package of proposals

- Ofgem will review the package and commence a series of formal code modification processes on a timetable that fits with the Programme

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Ofgem activity
Ofgem policy and legal review of draft code mods package, engaging as necessary with code bodies, CCAG and MHHSP
Discuss and agree code mod timetable with code bodies (and MHHSP in relation to the dates for expected decisions)
Draft Modification Proposal Forms for each code mod, liaising appropriately with each code body
Draft and publish Ofgem open letter
Draft and publish each Direction to each code body specifying the timetable for each modification
Formally submit (by separate email) Modification Proposal Forms and legal texts to each code body
Engage as necessary in the code modification process, for example by attending Panel Meetings
On receipt on Final Modification Reports, draft and publish Ofgem decisions in line with the published timetable

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Code Drafting Replan

INFORMATION: Present code drafting plan on a page

Programme (Becca Fox)

10 mins

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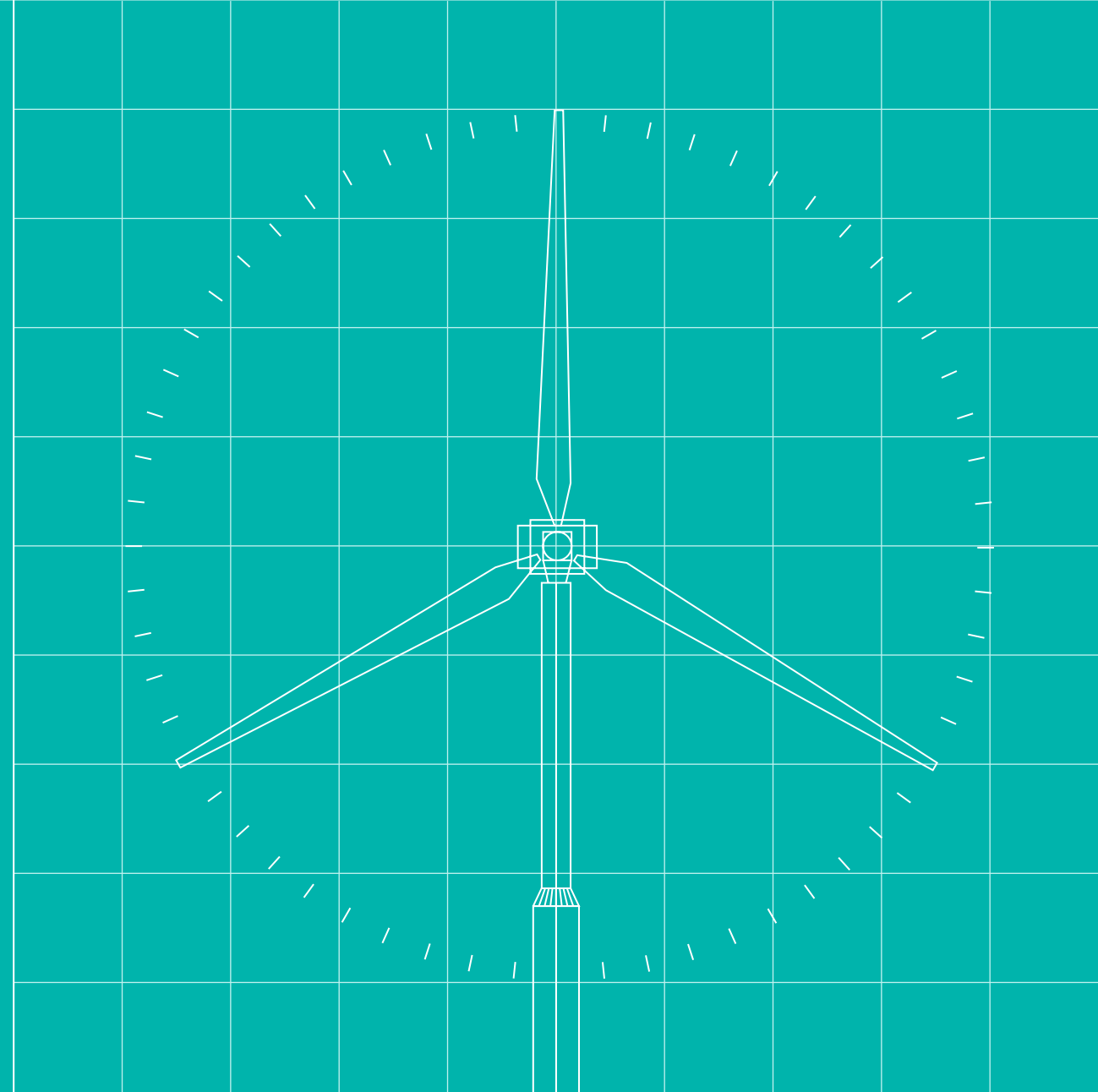
Code Drafting Plan/Replan Update 1

Round 3 Consultation Key findings:

1. Consequential Code Change topic is too large for a single consultation

2. For resource allocation, Participants require milestone certainty

3. Elexon's Qualification/Performance Assurance code will be ready in September and not before

Additional Plan Inputs:

1. Design activities not finalised - code drafting resource is required to support Design completion

2. Consultation Code Artefacts - BSC and REC consultation extended by 1 week

Conclusion

Amend Code Drafting Plan to take the above inputs into consideration – see next slide

Code Drafting Plan/Replan Update

*Code Drafting Plan Approach/Principles

1. Design activities must be finished as a priority

2. Quality of the Code Artefacts cannot be compromised

3. Plan must be challenging and achievable, but creates certainty for all parties

4. Consequential Code Change topic should have multiple consultations and align with Qualification workstream

Next Steps

1. Consequential Code Change topic is scoped for size

2. Draft re-plan is produced and shared with industry - (CCAG* on 22/02)

3. Final re-plan is produced (date tbc)

*Due to timescales, an amended draft PoaP will be presented to CCAG as a late paper

Code Planning Durations – Constituent elements applied to Topic Areas, as approved at CCAG

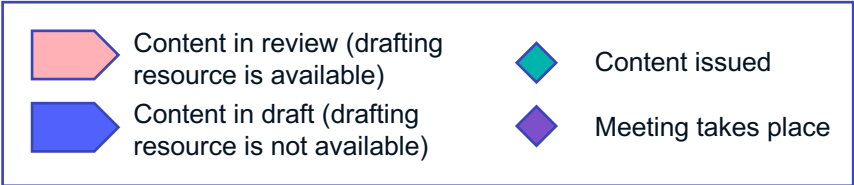|	Activity	Resource	Wk 1	Wk 2	Wk 3	Wk 4	Wk 5	Wk 6	Wk 7	Wk 8	Wk 9	Wk 10	Wk 11	Wk 12	Wk 13	Wk 14	Wk 15	Wk 16	Wk 17	Wk 18	Wk 19	Wk 20	Wk 21
1	Code drafting takes place offline by relevant drafting lead(s)	Code Drafters					Up to 6 weeks																
2	Internal review – cross checks by code drafters	Elexon admin review Elexon Legal Elexon technical RECCo review							2 weeks														
3	Consultation – whole industry review	Industry parties							Draft code issued to industry		3 weeks												
4	Code drafters update and issue outputs of consultation to CDWG	Code Drafters Elexon Legal												3 weeks		Outputs of consultation issued to CDWG							
5	CDWG reviews and provides feedback/comments	CDWG participants														1 wk	All CDWG feedback issued to CDWG (CDWG papers)						
6	Code drafters analyse and respond to feedback (if any is received prior to CDWG meeting)	Code Drafters															1 wk CDWG meeting						
7	Code drafters update following CDWG	Code Drafters																1 wk Papers issued to CCAG					
8	CCAG approve topic drafting is stable and topic area can be 'closed'	CCAG Programme Team																1 wk CCAG meeting					

This schedule represents time for each activity within each drafting topic area.
It does not include the pausing of drafting in one topic area whilst actioning consultation comments in another

Assumptions:
- Code drafting resource has not been available due to being diverted onto Design Work-off items
- Experience tells us drafting takes longer
- We will be adding contingency
- Add time for traceability matrix
- Consultation window now 3 weeks universally reflecting the Round 3 feedback

Next topic area drafting begins**

Legend:
- Content in review (drafting resource is available)
- Content in draft (drafting resource is not available)
- Content issued
- Meeting takes place

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Code Drafting Plan – Including Consequential Code Drafting Change CR12

	Activity		M5	Dec 22	Jan 23	Feb 23	Mar 23	Apr 23	May 23	Jun 23	Jul 23	Aug 23	Sep 23	Oct 23	Nov 23	Dec 23	Jan 24	Feb 24	Mar 24	Apr 24	May 24
A	Planning	Impact assess design, finalise plan, define M6-8 acceptance criteria (8 wks – start Nov '22		8 wk																	
B	Data Services (BSC)	Drafting (6 wks) and review cycles (10 wks)			16 weeks																
C	Metering Services (REC)	Drafting (6 wks) and review cycles (10 wks)			16 weeks																
D	Interfaces / Data Specification (REC and BSC)	Drafting (8 wks) and review cycles (12 wks)				20 weeks															
E	Registration (REC and BSC)	Drafting (8 wks) and review cycles (12 wks)				20 weeks															
F	Review	Mid-point assessment of process (2 wks)						2													
G	BSC Central Services (BSC)	Drafting (9 wks) and review cycles (11 wks)							20 weeks												
H	Qualification & Governance (REC and BSC)	Drafting (9 wks) and review cycles (11 wks)							20 weeks												
I	Consequential Change	Review (2 wks), review cycle (10 wks)									12 weeks										
J	Transition Text (all codes)	Drafting (8 wks) and review cycles (10 wks). Soft start during previous topics								18 weeks											
K	Topic area mop up	Review & plan (2 wks). Drafting (4 wks). Review cycles (10 wks)										16 weeks									
L	Finalise and consistency check	• Gap analysis and consistency check (2 wks) • Finalise documentation (1 wk) • Final consultation and approval (8 wks)															11 weeks			M6	

15 months

Red callout box:
- Some BSC artefacts for data services are 1 week late, so consultation has been extended by a week
- Interfaces/Data Spec to be split into 2 tranches to reflect the dependency on the baselined design specs that are not all expected to be baselined in time for the first consultation
- Creating multiple drops for Consequential Code Changes as the baselined set is too large to draft and consult in 1 batch
- Remove mid-point review as this is being done now
- Qualification and Governance will be significantly reduced in scope – this tranche is likely to have other content in it as well (e.g. Interface/Spec tranche 2)
- There is a dependency on Transition Design for Transition text (which has not yet been scoped)
- We will plan migration drafting explicitly (originally in Transition Text topic)
- Consider adding contingency into topic area mop-up & consistency check
- Need to consider whether we align with governance meetings or put extraordinary meetings in

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The plan review process is designed to arrive at a credible, robust, and achievable plan that sees MHHS implemented as early as possible and preferably no later than the date set out in the existing Transition Timetable, which all programme parties are currently required to operate in accordance with.

The programme looks forward to working with parties to challenge and identify opportunities to shorten the overall timelines in this plan in order to secure a swift introduction of MHHS and to allow the generation of the benefits that MHHS will bring, in particular for customers and in supporting broader activity to drive towards net zero.

Task Name	Start	Finish	Duration
REGULATORY			
Baseline MHHS Code Changes	Mon 31/10/22	Thu 04/04/24	374 days
Preparation and planning	Mon 31/10/22	Fri 16/12/22	35 days
Code drafting	Mon 12/12/22	Thu 04/04/24	344 days
Data Services (BSC driven)	Mon 12/12/22	Wed 26/04/23	98 days
Metering (REC driven)	Mon 12/12/22	Wed 26/04/23	98 days
Interfaces / Data Specification (REC driven)	Tue 07/02/23	Wed 28/06/23	102 days
Registration (BSC & REC driven)	Tue 07/02/23	Wed 28/06/23	102 days
Review of code drafting process and forward look to rest of plan (eg remaining M6 activities and the code release plan)	Mon 03/04/23	Fri 14/04/23	10 days
Governance and Qualification (BSC & REC driven)	Tue 11/04/23	Wed 23/08/23	97 days
BSC Central Services (BSC driven)	Tue 11/04/23	Wed 23/08/23	97 days
Transition Text (all codes)	Tue 27/12/22	Wed 25/10/23	217 days
Consequential Change	Tue 01/08/23	Wed 25/10/23	62 days
Final Code Drafting (mop-up) (all codes)	Thu 28/09/23	Wed 24/01/24	85 days
Final code review, consistency check and approval	Thu 18/01/24	Thu 04/04/24	56 days
Code changes baselined (M6)	Thu 04/04/24	Thu 04/04/24	0 days
Ofgem preparation and enactment of SCR powers	Thu 12/09/24	Fri 06/12/24	62 days
CCAG recommend to Programme that approved text is stable and ready to be desig	Thu 12/09/24	Thu 12/09/24	0 days
Programme recommends Ofgem begin preparation to enact SCR powers	Thu 12/09/24	Thu 12/09/24	1 day
Ofgem undertakes activities to deliver SCR powers	Thu 12/09/24	Fri 06/12/24	62 days
SCR powers enabled (M7)	Fri 06/12/24	Fri 06/12/24	0 days

This will be updated to reflect the impact of the above

Current impact uncertain, but it looks like:
- **M6 delayed by 3-6 months**
  - **this has a consequential impact in reducing the amount of time for participants to complete the QAD before final PAB qualification but we do not believe this will be critical path**
- **SCR Powers to be initiated immediately after M6**
- **Planning meeting with Ofgem to agree SCR activities and timings**
- **Ofgem legal review in parallel with last review before M6**

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| Task Name	Start	Finish	Duration
◢ Deliver MHHS Code Changes	Mon 09/12/24	Fri 07/03/25	65 days
Ofgem consultation and decision	Mon 09/12/24	Fri 03/01/25	20 days
◢ Releases	Mon 06/01/25	Fri 07/03/25	45 days
Impacted codes make resourcing provisions and prepare to implement new Code via internal code body change processes	Mon 06/01/25	Thu 27/02/25	39 days
◢ Main Code Release	Fri 28/02/25	Fri 07/03/25	6 days
Release preparation (e.g. preparing release documentation)	Fri 28/02/25	Thu 06/03/25	5 days
Implement new code on day of code release	Fri 07/03/25	Fri 07/03/25	1 day
Code changes delivered (M8)	Fri 07/03/25	Fri 07/03/25	0 days
◢ External Programme Dependency Management	Thu 12/10/23	Wed 24/01/24	74 days
▷ DCP397	Thu 12/10/23	Wed 24/01/24	74 days
◢ Regulatory - Tier 1 Milestones			
Code changes baselined (M6)	Thu 04/04/24	Thu 04/04/24	0 days

Early activities to reflect Ofgem planning output

M8 still to align with M10

CCAG Reporting

INFORMATION: Updates on code drafting activities against approved code drafting plan

Programme (Becca Fox)

10 mins

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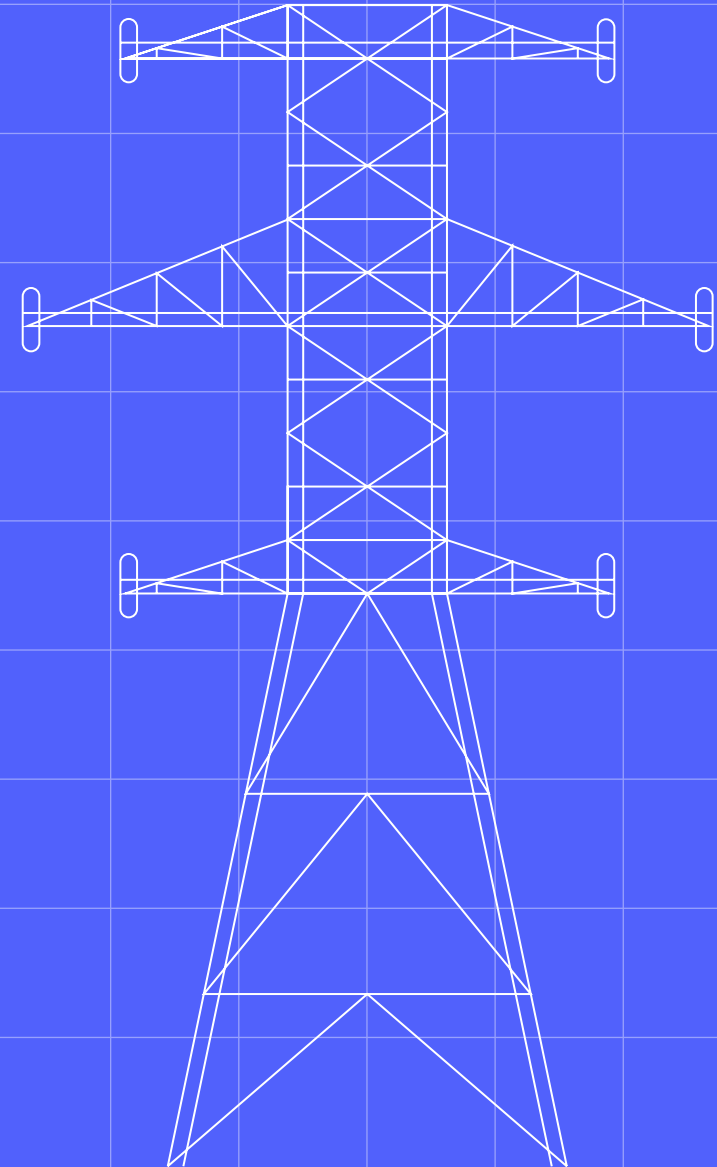
MHHS Programme – Code drafting progress update

Status Summary

- BSC and REC Metering Services and 2 Data Services artefacts were sent for consultation as planned on 14th February.
- CDWG advised to extend the consultation period by 1 week due to the overlap with the Migration Design consultation and the delay of some of the BSC Code Artefacts.
- We have amended the forecasted dates accordingly but our ability to deliver against this will be dependent on the volume and complexity of the consultation responses.
- We are developing a code re-plan which will feed into the Programme replan change request.

March Deliverables

- Code drafting re-plan
- Closure of Data Services and Metering Services industry consultation
- Actioning and triage of industry consultation comments
- Questions and optionality will be taken to CDWG on 7th and 14th March

Drafting Milestones	Target date*	Forecast date	Status
Data Services approved at CCAG	26/4/23	3/5/23	BSC
Metering Services approved at CCAG	26/4/23	3/5/23	REC / BSC
Interfaces/Data Specification approved at CCAG	28/6/23	28/6/23	Amber
Registration approved at CCAG	28/6/23	28/6/23	Amber
Governance and Qualification approved at CCAG	23/8/23	23/8/23	Amber
BSC Central Services approved at CCAG	23/8/23	23/8/23	Amber
Consequential Change approved at CCAG	25/10/23	25/10/23	Amber
Transition Text approved at CCAG	25/10/23	25/10/23	Amber
Topic Area Mop Up approved at CCAG	24/1/24	24/1/24	Amber
Finalise and consistency check approved at CCAG	27/3/24	27/3/24	Amber
Code changes baselined (M6)	4/4/24	4/4/24	Amber
Smart Meters Act powers enabled (M7)	6/12/24	6/12/24	Green
Code changes delivered (M8)	7/3/25	7/3/25	Green

dates subject to Replan CR

Risks

#	Risk or Issue	Mitigation Plan	RAG
I091	The Workoff plan has remaining items which stops code drafting being complete	The design needs to be complete to enable the code drafting to be complete Update: The code replan will take this issue into consideration and plan accordingly.	High Impact
I092	The Design has inconsistencies. The code will either continue the Design inconsistencies or inconsistencies will need to be resolved at the design level	The design needs to be complete to enable the code drafting to be complete Update: The code replan will take this issue into consideration and plan accordingly	High Impact
R053	There is a risk that the programme may not be able to resource adequately against the code draft plan. (Either the programme does not get the resources required in time to start drafting or it does not get the resource to deliver drafting)	The code replan will take this risk into consideration and plan accordingly.	High Risk
R355	There is a risk that Consequential Change solutions are not approved by responsible parties in advance of the associated Code Drafting topics being started	If consequential code changes are not submitted within the code drafting plan timescales (August 2023) Code bodies will miss the consequential code change consultation and can raise a change request to bring the items back into programme scope. The code replan will take this risk into consideration and plan accordingly.	Medium Risk

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BSC Code Artefacts – Data Services

Data Services drafting status:
- BSC Code Artefacts, BSC Sections J and L, BSCP701 and BSCP702 are delayed and will be issued as soon as they are available (planned for week commencing 20th February)

Topic Area	BSC Document/Section	Status	BRAG	Current status and issues
Data Services	BSC Section J - Party Agents and Qualification under the Code	Internal Review	🟧	Internal, Legal and Assurance review completed. Planned for consultation week commencing 20th
	BSC Section L - Metering	Internal Review	🟧	Internal, Legal and Assurance review completed. Planned for consultation week commencing 20th
	BSCP700 - - Unmetered Suppliers Data Services (UMSDS)	Industry Consultation	🟩	
	BSCP701- - Smart Data Collection / SDS	Internal Review	🟧	Internal and Assurance review completed. Planned for consultation week commencing 20th
	BSCP702 - Advanced Data Collection / ADS	Internal Review	🟧	Internal review completed. To be sent for assurance review. Planned for consultation week commencing 20th
	BSCP70X - Unmetered Supplies Operations (UMSO)	Industry Consultation	🟩	

Drafting in progress → Internal review → Industry consultation → Triage and Action → CDWG Review → CCAG recommendation

BSC Code Artefacts – Metering Services

Metering Services drafting status:
- Metering Services Code Artefacts were sent for consultation on time however, the Code Artefacts consultation window has been extended by 1 week which puts at risk the Metering Services target completion date.

Topic Area	BSC Document/Section	Status	BRAG	Current status and issues
Metering	Section K: Classification and Registration of Metering Systems and BM Units	Industry Consultation		
	BSCP601 - Metering Protocol Approval and Compliance Testing	Industry Consultation		
	COP_1	Industry Consultation		
	COP_2	Industry Consultation		
	COP_3	Industry Consultation		
	COP_4	Industry Consultation		
	COP_5	Industry Consultation		
	COP_6	Industry Consultation		
	COP_7	Industry Consultation		
	COP_8	N/A		No changes required, not sent for consultation
	COP_9	N/A		No changes required, not sent for consultation
	COP_10	Industry Consultation		

Drafting in progress > Internal review > Industry consultation > Triage and Action > CDWG Review > CCAG recommendation

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REC Code Artefacts – Metering Services

Metering Services drafting status:
- Metering Services Code Artefacts were sent for consultation on time however, the Code Artefacts consultation window has been extended by 1 week which puts at risk the Metering Services target completion date.

Topic Area	BSC Document/Section	Status	BRAG	Current status and issues
Metering	Transfer of Consumer Data	Industry Consultation		
	Metering Operations	Industry Consultation		
	Metering Accreditation	No change required		This schedule is being amended by REC CP R0064. MHHS changes will be minor and it would be clearer to users if these are applied against the R0064 baseline expected in time for the Qualification drafting tranche
	Metering Code of Practice	Industry Consultation		

Drafting in progress > Internal review > Industry consultation > Triage and Action > CDWG Review > CCAG recommendation

CDWG Update

INFORMATION: Updates from the Code Drafting
Working Group (CDWG

Programme (Becca Fox)

10 mins

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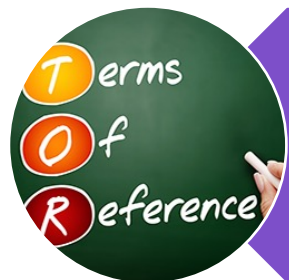Industry-led, Elexon facilitated

February CDWG update

March 2023 CDWG

Upcoming agenda items

CDWG 1 & 2 Discussion Topics February 2023

- Consequential code change items
- Code drafting Collaboration Base
- Code Drafting Consultation Process
- Pre-Consultation Code Drafting Questions

CDWG Key Updates February 2023

- The CDWG discussed the approach to data and metering services drafting, and the approach to interfaces
- The current drafting will be issued for consultation 14 February 2023 for a planned deadline of 06 March 2023
- Consequential change will be baselined following CCIAG 23 February 2023
- The consultation deadline was extended by one week to 13 March

The CDWG meeting papers and latest Headline Report can be found here

Consequential Code Change Items

INFORMATION: Update on the consequential code change items which are being brought into MHHS Programme code drafting

Programme (Fraser Mathieson)

10 mins
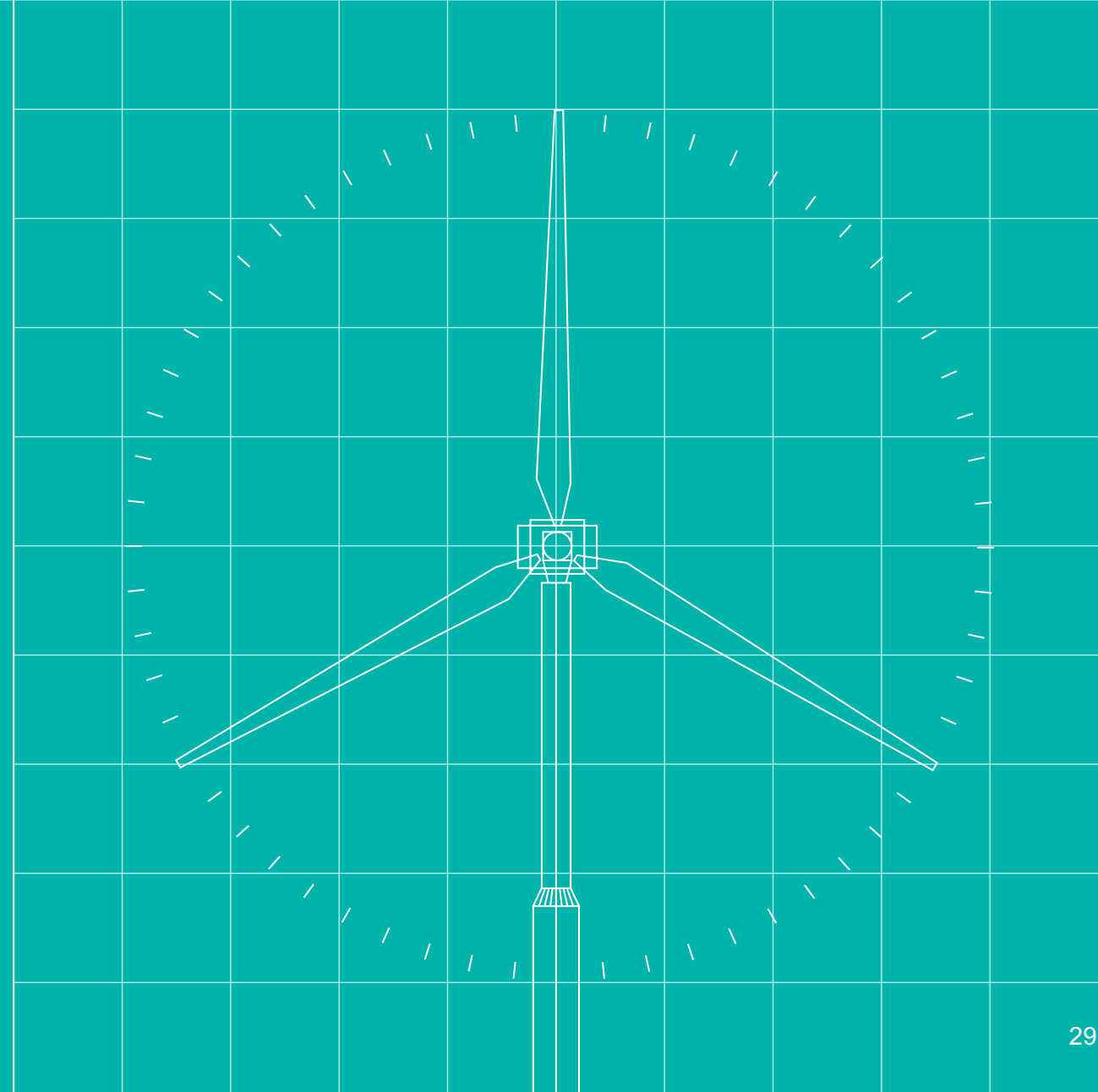
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Below is an extract from the Consequential Change Log (CC Log), which identifies the consequential change topics which may require inclusion in consequential change code drafting. There are 38 items in total, and further discussion required at CCIAG.

ID	Date tabled at CCIAG	Item title	Raiser name	Raiser organisation	Raiser constituency	Item Status	Consequential change to be included in CCAG-led/managed code drafting (Y/N/Not Applicable)?	Relevant Code Body agreeing inclusion of consequential change item in CCAG-led/managed code drafting
CCIAG-CCT-07	25/08/2022	Removal of MTCs - related MPANs	Jon Hawkins	RECCo	Central Parties	Item progressing externally (e.g. REC/BSC working groups, code bodies progressing, etc.)	Y	REC
CCIAG-CCT-09	25/08/2022	New/Additional MPAN Process	Jon Hawkins	RECCo	Central Parties	Item progressing externally (e.g. REC/BSC working groups, code bodies progressing, etc.)	Y	REC
CCIAG-CCT-11	09/09/2022	EES User Roles and Data Access	Jon Hawkins	RECCo	Central Parties	Item progressing externally (e.g. REC/BSC working groups, code bodies progressing, etc.)	Y	REC
CCIAG-CCT-12	09/09/2022	SDEP Message / Reporting	Jon Hawkins	RECCo	Central Parties	Item to be discussed by CCIAG or reviewed/assessed by MHHS Design Team	Y	TBC
CCIAG-CCT-13	09/09/2022	Removal of NHH	Andrew Dudkowsky	NGESO	Central Parties	Item to be further defined by raiser	TBC	
CCIAG-CCT-14	09/09/2022	Change to settlement timetable	Andrew Dudkowsky	NGESO	Central Parties	Item to be further defined by raiser	Y	TBC
CCIAG-CCT-16	22/09/2022	SSC/TPR Diversified Load Switching Arrangements	David Morley	Ovo	Large Suppliers	Item to be discussed by CCIAG or reviewed/assessed by MHHS Design Team	TBC	
CCIAG-CCT-17	22/09/2022	Performance Assurance Framework (BSC & REC)	Chris Butterfield	OVO	Large Suppliers	Item progressing externally (e.g. REC/BSC working groups, code bodies progressing, etc.)	Y	TBC
CCIAG-CCT-19	22/09/2022	SSC Valid Set	Jon Hawkins	RECCo	Central Parties	Item progressing externally (e.g. REC/BSC working groups, code bodies progressing, etc.)	Y	REC
CCIAG-CCT-21	22/09/2022	Linking Import / Export Meters	Jon Hawkins	RECCo	Central Parties	Item in M5 Work-Off Plan (i.e. no current discussion/progression via CCIAG)	Y	BSC
CCIAG-CCT-23	10/11/2022	Erroneous Switches	Jon Hawkins	RECCo	Central Parties	Item progressing externally (e.g. REC/BSC working groups, code bodies progressing, etc.)	Y	REC

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Item status colour key: Green = Incorporated into core MHHS Design; Yellow = Progressing externally; Grey = No further discussion at CCIAG; Amber = Tabled at other MHHS group or included in Work-Off Plan; Light Gold = Requires further discussion or definition.

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ID	Date tabled at CCIAG	Item title	Raiser name	Raiser organisation	Raiser constituency	Item Status	Consequential change to be included in CCAG-led/managed code drafting (Y/N/Not Applicable)?	Relevant Code Body agreeing inclusion of consequential change item in CCAG-led/managed code drafting
CCIAG-CCT-24	10/11/2022	Missing / Disputed Switch Reads.	Jon Hawkins	RECCo	Central Parties	Item progressing externally (e.g. REC/BSC working groups, code bodies progressing, etc.)	Y	REC
CCIAG-CCT-25	22/12/2022	EES Data Access Matrix	Sarah Jones	RECCo	Central Parties	Item to be discussed by CCIAG or reviewed/assessed by MHHS Design Team	Y	REC
CCIAG-CCT-26	26/01/2023	Data Integration Platform (DIP) Technical Document.	Andrew Margan	MHHS Programme	N/A	Item to be discussed by CCIAG or reviewed/assessed by MHHS Design Team	Y	BSC
CCIAG-CCT-27	26/01/2023	Settlement timetable	Jonny Moore	Elexon	Central Parties	Item to be further defined by raiser	Y	BSC
CCIAG-CCT-28	26/01/2023	Raising and progressing Trading Disputes	Jonny Moore	Elexon	Central Parties	Item to be further defined by raiser	TBC	
CCIAG-CCT-29	26/01/2023	Secondary BM Units	Jonny Moore	Elexon	Central Parties	Item to be further defined by raiser	Y	BSC
CCIAG-CCT-30	26/01/2023	BSC Asset Metering processes and systems (agent appointment and data transfer)	Jonny Moore	Elexon	Central Parties	Item to be further defined by raiser	Y	BSC
CCIAG-CCT-32	26/01/2023	Demand Control	John Lawton	DCUSA	Code Body	Item to be further defined by raiser	TBC	
CCIAG-CCT-33	26/01/2023	Charging Methodology	John Lawton	DCUSA	Code Body	Item to be further defined by raiser	TBC	
CCIAG-CCT-34	26/01/2023	Residual Charges	John Lawton	DCUSA	Code Body	Item to be further defined by raiser	TBC	
CCIAG-CCT-35	26/01/2023	Remove legal text owned by another code	John Lawton	DCUSA	Code Body	Item to be further defined by raiser	TBC	
CCIAG-CCT-36	26/01/2023	Billing and Invoicing	John Lawton	DCUSA	Code Body	Item to be further defined by raiser	TBC	
CCIAG-CCT-37	26/01/2023	Transitional protecting for CT customers transitioning to HH settlement	John Lawton	DCUSA	Code Body	Item to be further defined by raiser	TBC	
CCIAG-CCT-38	26/01/2023	MHHS Migration Changes	Andrew Margan	MHHS Programme	N/A	Item to be further defined by raiser	Y	BSC/REC
CCIAG-CCT-39	TBC	CUSC Mod as a result of the implementation of P434 "Half Hourly Settlement for UMS Metering Systems"	Neil Dewar	NGESO	Central Parties	Item to be further defined by raiser	TBC	

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ID	Date tabled at CCIAG	Item title	Raiser name	Raiser organisation	Raiser constituency	Item Status	Consequential change to be included in CCAG-led/managed code drafting (Y/N/Not Applicable)?	Relevant Code Body agreeing inclusion of consequential change item in CCAG-led/managed code drafting
CCIAG-CCT-40	TBC	Changes to reflect removal of NHH e.g. where processes and definitions are separate based on NHH versus HH Metering Assets	Harriet Truss	RECCo	Central Parties	Item progressing externally (e.g. REC/BSC working groups, code bodies progressing, etc.)	Y	REC
CCIAG-CCT-41	TBC	Changes to reflect the fact that settlements only needs cumulative meter readings whereas billing uses register readings	Harriet Truss	RECCo	Central Parties	Item progressing externally (e.g. REC/BSC working groups, code bodies progressing, etc.)	Y	REC
CCIAG-CCT-42	TBC	Changes based on data items not being required for settlements	Harriet Truss	RECCo	Central Parties	Item progressing externally (e.g. REC/BSC working groups, code bodies progressing, etc.)	Y	REC
CCIAG-CCT-43	TBC	Performance assurance (which covers any change for qualification)	Harriet Truss	RECCo	Central Parties	Item progressing externally (e.g. REC/BSC working groups, code bodies progressing, etc.)	Y	REC
CCIAG-CCT-44	TBC	SDES requirements (including SDEP and the Additional MPAN Request portal)	Harriet Truss	RECCo	Central Parties	Item progressing externally (e.g. REC/BSC working groups, code bodies progressing, etc.)	Y	REC
CCIAG-CCT-45	TBC	EES data access requirements	Harriet Truss	RECCo	Central Parties	Item progressing externally (e.g. REC/BSC working groups, code bodies progressing, etc.)	Y	REC
CCIAG-CCT-46	TBC	Impacts of MHHS on REC governance (main body, change management, market entry/exit, committee ToRs, etc.)	Harriet Truss	RECCo	Central Parties	Item progressing externally (e.g. REC/BSC working groups, code bodies progressing, etc.)	Y	REC
CCIAG-CCT-47	TBC	Service Management (placeholder for when the service management documents come which are technically not design documents)	Harriet Truss	RECCo	Central Parties	Item progressing externally (e.g. REC/BSC working groups, code bodies progressing, etc.)	Y	REC
CCIAG-CCT-48	TBC	Changes required to the CUSC as a result of MHHS programme	Neil Dewar	NGESO	Central Parties	Item to be further defined by raiser	TBC	TBC

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Summary and Next Steps

INFORMATION: Summarise meeting actions and next steps

Chair & Secretariat

5 mins

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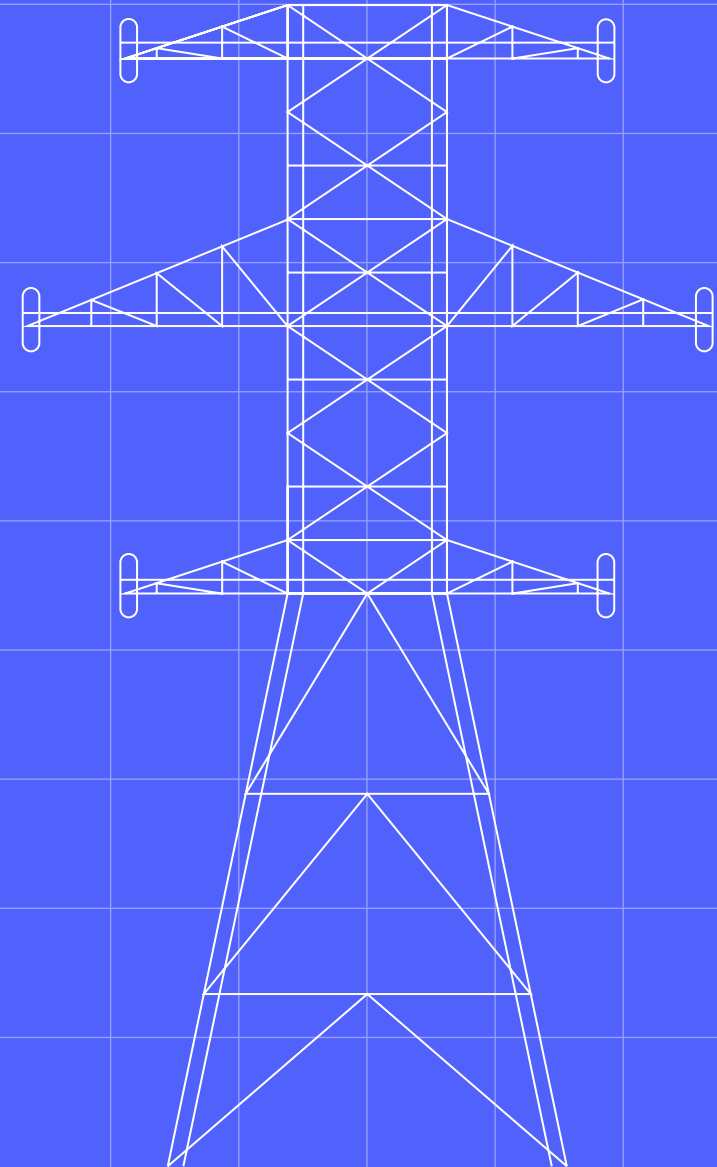
- Secretariat to confirm actions and decisions from meeting

- Next CCAG meeting **22 March 2023** at **10:00am**

- Next CDWG meetings:
  - **07 March 2023** at **14:00pm**
  - **14 March 2023** at **10:00am**

- Code drafting consultation deadline: **06 March 2023** at **5pm**

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If you would like to request agenda items for the CCAG, please contact PMO@mhhsprogramme.co.uk