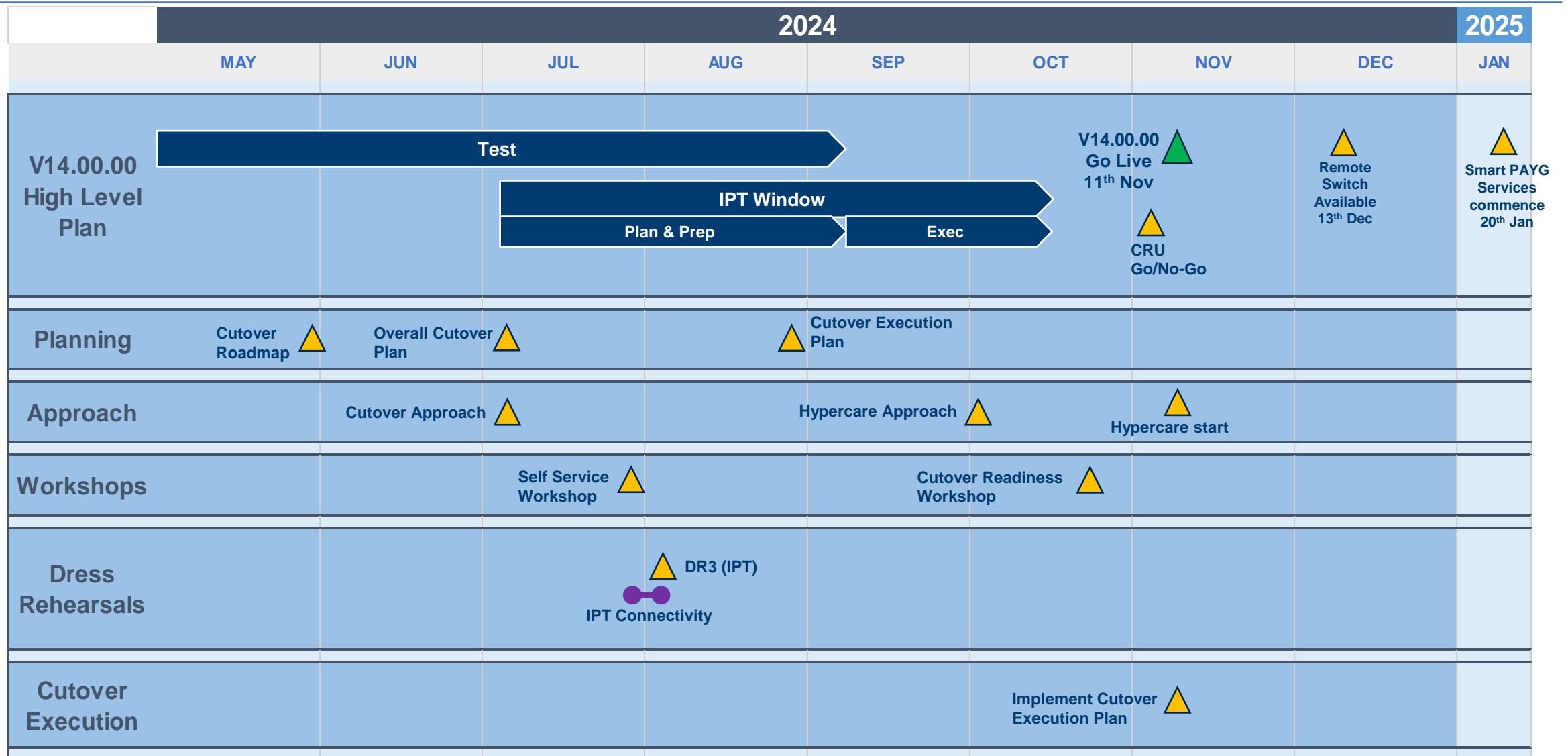# v14.00.00 Cutover Approach

July 2024

Overview

➢ This pack describes the cutover approach for Market Release v14.00.00.

➢ The v14.00.00 schema release is due to go live in November 2024, under phase 2 of the NSMP, with Remote Switch is enabled from the 13th December 2024, and Smart PAYG Services commencing from 20th of January 2025.

➢ A number of agreed Schema and Non-Schema changes will be delivered in this release *(see Appendix A)*

➢ Timely and effective collaboration is required between ESBN, Market Participants, CRU, Version 1 and RMDS to ensure success of IPT and cutover timelines.

➢ Market participants are expected to be ready to make any necessary changes on their own systems.

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	2024							2025
	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN

V14.00.00 High Level Plan

Test

IPT Window

Plan & Prep — Exec

V14.00.00 Go Live 11th Nov

CRU Go/No-Go

Remote Switch Available 13th Dec

Smart PAYG Services commence 20th Jan

Planning

Cutover Roadmap

Overall Cutover Plan

Cutover Execution Plan

Approach

Cutover Approach

Hypercare Approach

Hypercare start

Workshops

Self Service Workshop

Cutover Readiness Workshop

Dress Rehearsals

DR3 (IPT)

IPT Connectivity

Cutover Execution

Implement Cutover Execution Plan

Cutover Roadmap

Date	Milestone	Notes	Type
31 May 2024	Cutover Roadmap	• Roadmap for v14.00.00 cutover	• Document
08 Jul 2024	Cutover Approach	• Approach to v14.00.00 cutover	• Document
08 Jul 2024	Overall Cutover Plan	• Plan with high level dates for activities and documents in Cutover roadmap	• Document
29 Jul 2024	Self-Service Workshop	• Workshop with Retail Market Participants to walk through the 'self-service' approach for v14.00.00 schema deployment • Attendance mandatory • Dates to be confirmed in Overall Cutover Plan	• Activity
06 Aug 2024	Dress Rehearsal 3 (IPT)	• Dress Rehearsal (practicing deployment steps) in advance of IPT execution, allowing suppliers to deploy v14.00.00 schema on their IPT Test systems • 4 weeks before IPT execution	• Activity

Cutover Roadmap

Date	Milestone	Notes	Type
30 Aug 2024	Cutover Execution Plan	• Plan with key market tasks with dates/timings for cutover execution	• Document
Wk1 Oct 2024 TBC	Hypercare Approach	• Approach to describe the period post go live • Dates to be confirmed in Cutover Execution Plan	• Document
24 Oct 2024	Retail Market Participants Cutover Readiness Workshop	• Workshop to walkthrough cutover activities and assess entry criteria • Dates to be confirmed in Cutover Execution Plan	• Activity
08 Nov 2024	Implement Cutover Execution Plan	• Cutover Execution for v14.00.00	• Document
11 Nov 2024	Hypercare commences	• Hypercare for v14.00.00 commences • End 20 April 2025	• Activity
13 Dec 2024	Remote Switch Available	• Remote Switch capability available for all CTF04 meters	• Activity
20 Jan 2025	Smart PAYG Services Commence	• Market Participant Suppliers to commence Smart PAYG services	• Activity

Market Release v14.00.00 – Entry Criteria

Criteria	Owner
Inter Participant Testing (IPT) Execution complete	Version 1, RMDS
Cutover Plan published to Market Participants	RMDS
Hypercare approach published	ESBN, RMDS
Issue Final Assurance Outcome Report to CRU	Version1
Go/No Go decision	CRU

High Level Cutover Approach

The cutover window is made up of three stages:

1. Pre-Outage   Activities to be completed prior to the market outage including:

    - New Firmware to enable Remote Switch rolled out to all Smart Meters

    - Managing work in progress v13.00.00 Market Messages

2. Market Outage (*2-3 days)   The deployment of v14.00.00 schema on Retail Market Systems
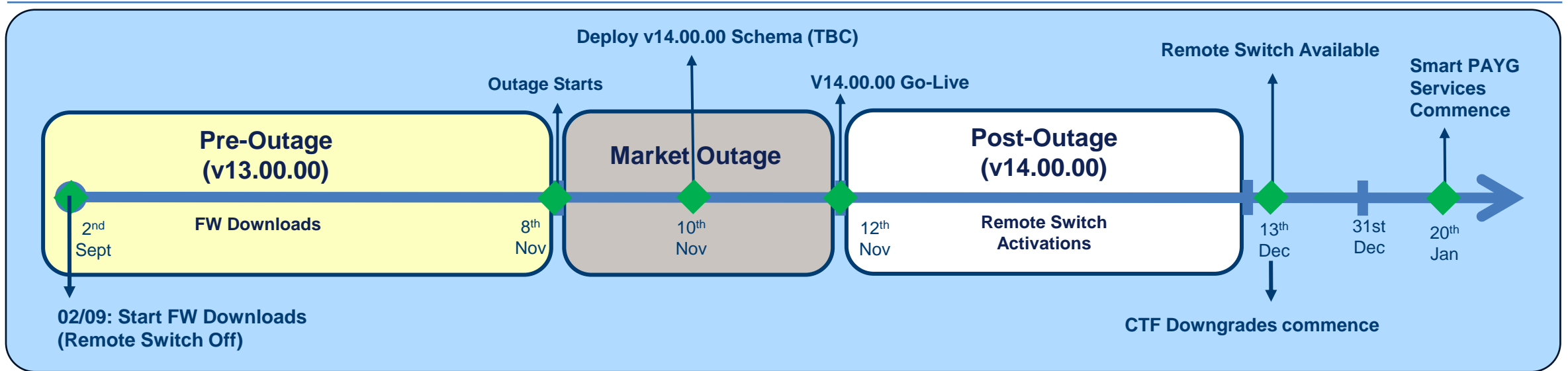
    - *Note: Monday the 11th of November is allocated as a contingency cutover day*

3. Post-Outage (*4 weeks)   Remote Switch Activation

* These durations are indicative and will be agreed by ESBN later, post completion of dress rehearsals. Any revisions will be communicated as part of the Cutover Execution Plan being shared on the 30th of August 2024.

High Level Cutover Timeline

Deploy v14.00.00 Schema (TBC)

Remote Switch Available

Smart PAYG Services Commence

Outage Starts

V14.00.00 Go-Live

Pre-Outage (v13.00.00)

FW Downloads

2nd Sept

Market Outage

8th Nov

10th Nov

Post-Outage (v14.00.00)

Remote Switch Activations

12th Nov

13th Dec

31st Dec

20th Jan

02/09: Start FW Downloads (Remote Switch Off)

CTF Downgrades commence

Key Market Outage Activities:

Market Outage commences	• Friday 8th of November at 18:00hrs (COB)
v14.00.00 schema deployed by Suppliers	• Sunday 10th of November
Market outage expected to finish (v14.00.00 operational, remote switch not available until 13th December)	• Monday 11th of November
Remote Switch available	• Friday 13th of December
Smart PAYG Services Commence	• Monday 20th of January 2025

Note: Dates will be confirmed following Dress Rehearsals and published in the Cutover Execution Plan being shared on the 30th of August 2024.

Market Messages – Transition to v14.00.00

To ensure transition from v13.00.00 to v14.00.00 schema the following is required:

➢ In advance of market outage (i.e. during w/c 4th November 2024), mandatory confirmations of completed v13.00.00 Market Messages reconciliations from suppliers should be provided to RMDS.

➢ The Overall Cutover Plan published by RMDS in July 2024 will provide:

- • Information on managing transition of Work In Progress messages from v13.00.00 to v14.00.00

- • Detail on new Market Messages and new fields on existing messages from and to suppliers

v14.00.00 Schema Deployment

➢ A Retail Market Participant 'self-service' approach will be used where suppliers deploy v14.00.00 schema to their own systems (test/production EMMA and webforms).

➢ This is the same approach used for the v13.00.00.00 Market Release cutover (Feb 2021).

➢ Tibco Hub Support Team (NIEN) will be available to support each supplier with this activity.

➢ Market Participants will be given an allocated window to complete the deployment.

➢ It is likely this will be on Sunday the 10th of November *(This is an indicative date and will be agreed by ESBN later post completion of dress rehearsals).*

➢ This approach will be practiced as part of a dress rehearsal in August 2024 in the lead up to IPT execution.

➢ Prior to this, a 'self-service' workshop will be held on 29th of July to walk-through the process and all necessary instructions will be provided.

➢ Market Participants will need to ensure their internal organisations are properly prepared to implement the schema upgrade for both IPT and cutover.

Contingency & Rollback

- During market outage, regular progress updates will be provided to Market Participants by RMDS.

- In the event of issues being encountered during the cutover, the approach adopted will be a 'fix forward' approach (i.e. attempt to fix issue(s) and progress forward).

- A rollback to original state (i.e. v13.00.00) may be required in situation where issues cannot be resolved within the agreed market outage.

- A rollback can only be invoked up until a certain point. This point of no return will be identified as part of Cutover Execution Plan. After this point 'fix forward' approach applies to resolve issues.

- Changes made on supplier EMMA/webforms can be rolled back using the same self-service option, if a decision to roll back is made.

- In event of a rollback, cutover would need to be rescheduled to a later date, in agreement with all stakeholders.

Remote Switch Activation

➢ A new firmware version is required on Smart Meters to enable the Remote Switch.

➢ This new firmware will be rolled out to meters in the Pre-Outage stage. This rollout is expected to take 10 weeks.

➢ Remote Switch capabilities will not be activated on Smart Meters until after v14.00.00 Go Live, once the necessary system controls are in place.

➢ This Remote Switch Activation activity will take up to 4 weeks.

➢ Regular progress updates will be provided by ESBN while these activities are ongoing.

CTF Downgrades

➢ For sites with existing CTF04 where the Remote Switch capability could not be activated on the Smart Meter, the CTF will be downgraded from CTF04 to CTF03

➢ This downgrade will commence following the Switch Activation phase completion on 13th December.

➢ Suppliers will receive 114MM as per normal market process on change of CTF value. An update on the management of the 114MMs will be given as part of the Cutover Execution Plan.

➢ It should be noted that where the CTF value of a site is downgraded from CTF 04 to CTF03 as part of this activity and the Remote Switch is subsequently activated on the meter, the CTF value will return to CTF04 if the MPRN still meets the other criteria for CTF04 (as set out in the CTF Briefing Document).

Remote Switch Enablement Post v14.00.00 Go Live

➤ During the immediate period following v14.00.00 Go Live (11th Nov), Remote Switch available (13th Dec) and Smart PAYG Services commencement (20th Jan), the following applies for requests to De-Energise / Re-Energise that are eligible for the Remote Switch under MCR1216:

Request Type via MM017	Outcome
De-Energise for reason HH PAYG (D05)	• Market Participants are requested to not submit any 017MM with MP Status Reason "D05" before 20th of January 2025. • Any requests received by ESBN before this date will fail and the request will be rejected in its entirety via 117R MM with Reject Reason RCF
Re-Energise for reason HH PAYG (E05)	• Any requests received before 20th Jan 2025 will be rejected as no requests to De-Energise for reason HH PAYG (D05) will have been executed.
De-Energise for reason Not NPA (D01)	• Will be carried out remotely where Remote Switch criteria are met (Single Phase Whole Current Smart Meter, CTF04) from January 2025 subject to the resumption of D01 requests under the ESBN End of Year Working Arrangements for 2024/2025. These will be published via RMDS as per the BAU process.
Re-Energise for reason Not NPA (E01)	

Remote Switch Enablement Post v14.00.00 Go Live

➢ Requests to De-Energise for reason NPA (D02) will continue to be carried out via site visit until CRU direction determines the enablement of the remote switch for these requests (assumed to be at a date in the future post Remote Switch Enablement).

➢ All other changes introduced in v14.00.00 for the following MCRs (MCR1219, MCR1189, MCR1209, MCR1193) will be operational from v14.00.00 Go Live on the 11th of November 2024 and are not dependent on the Remote Switch.

Appendices

Appendix A: Scope of Market Release v14.00.00

The following Schema and non-Schema MCRs will be delivered in Market Release v14.00.00:

MCR	Description
MCR1189	Additional code in the 017MM to select a De-Energisation with a Service Removal
MCR1193	New 603MM Daily Summary Transaction Details
MCR1209	Annual Consumption for HH Sites (enduring)
MCR1216	Smart Metering Remote Operations
MCR1219	Changes to the CoS process as a result of Smart PAYG
MCR1221	Contingency Process for Failure in SPAYG Technology Chain