

# WDR Consultative Group #14

Tuesday 17 August 2021

**Microsoft Teams only**

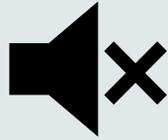
**\*Please disconnect from your workplace VPN for the call\***

**PLEASE NOTE THIS MEETING WILL BE RECORDED FOR THE  
PURPOSE OF PREPARING MINUTES**

*We acknowledge the  
Traditional Owners of country  
throughout Australia and recognise  
their continuing connection to  
land, waters and culture.*

*We pay our respects to their  
Elders past, present and emerging.*

# Online forum housekeeping



1. Please mute your microphone, this helps with audio quality as background noises distract from the information being shared.



2. Video is optional, but having it turned off helps with webinar performance and minimises distractions.



3. We ask that you utilise the Chat function for any questions or comments you may have if you are unable to use audio.



4. If you have dialled in via phone, could you please email your name and organisation to [WDR@aemo.com.au](mailto:WDR@aemo.com.au) for our records.



5. Be respectful of all participants and the process.

# AEMO Competition Law Meeting Protocol

AEMO is committed to complying with all applicable laws, including the Competition and Consumer Act 2010 (CCA). In any dealings with AEMO regarding proposed reforms or other initiatives, all participants agree to adhere to the CCA at all times and to comply with this Protocol. Participants must arrange for their representatives to be briefed on competition law risks and obligations.

Participants in AEMO discussions **must**:

1. Ensure that discussions are limited to the matters contemplated by the agenda for the discussion
2. Make independent and unilateral decisions about their commercial positions and approach in relation to the matters under discussion with AEMO
3. Immediately and clearly raise an objection with AEMO or the Chair of the meeting if a matter is discussed that the participant is concerned may give rise to competition law risks or a breach of this Protocol

Participants in AEMO meetings **must not** discuss or agree on the following topics:

1. Which customers they will supply or market to
2. The price or other terms at which Participants will supply
3. Bids or tenders, including the nature of a bid that a Participant intends to make or whether the Participant will participate in the bid
4. Which suppliers Participants will acquire from (or the price or other terms on which they acquire goods or services)
5. Refusing to supply a person or company access to any products, services or inputs they require

Under no circumstances must Participants share Competitively Sensitive Information. Competitively Sensitive Information means confidential information relating to a Participant which if disclosed to a competitor could affect its current or future commercial strategies, such as pricing information, customer terms and conditions, supply terms and conditions, sales, marketing or procurement strategies, product development, margins, costs, capacity or production planning.

# AGENDA

#	TIME	TOPIC	PRESENTER
1	10:30am – 10:35am	Welcome	Ruth Guest (Chair)
2	10:35am – 10:40am	Notes, actions and feedback from previous meeting	Oliver Derum
3	10:40am – 10:55am	5MS update	Ruth Guest
4	10:55am – 11:15am	WDR program update	Ruth Guest
5	11:15am – 11:25am	Industry testing	Priti Zacharopolous
6	11:25am – 11:30am	WDR risks, issues, and contingency	Oliver Derum
7	11:30am – 11:40am	EMMS Data model script	Armando Estrella
8	11:40am – 11:50am	Stakeholder update	Oliver Derum
9	11:50am – 12:00pm	General questions and closing	Ruth Guest

## APPENDICES

A	Indicative program schedule
B	Project and system document changes

# Notes, actions and feedback from previous meeting

Oliver Derum

# Responses to WDR CG #13 meeting actions

#	Topic	Action	Response
13.07.01	Industry testing	WDR CG to express interest in industry testing by writing to <a href="mailto:wdr@aemo.com.au">wdr@aemo.com.au</a>	2 responses received.
13.08.01	WDR industry risk register	WDR CG to review the risk register and provide feedback on any aspect of it by Friday 6 August.	No responses received
13.08.02	WDR industry risk register	AEMO to review the risk register and any WDR CG feedback for consideration at the next WDR CG meeting.	Ongoing

# 5MS update

Ruth Guest

# 5MS update – Rule change proposal

- The 5MS Program is **on track for commencement on 1 October** and participants should progress their compliance and readiness programs on this basis
- Given the complexity of the 5MS program, risks exist, and issues could arise that could ultimately impact the commencement date of 1 October 2021
- To mitigate the impact of such an event arising, AEMO has developed a contingency plan in consultation with the 5MS industry Program Consultative Forum, which includes submitting a *precautionary* rule change to allow for alternative commencement dates.
- AEMC commenced the four-week consultation period for this precautionary rule change request on 5 August.
- AEMO will publish a 5MS start notice on 1 September which will provide a go/no-go status against 1 October using the market readiness essential capability that has been developed in consultation with the 5MS working groups.

# 5MS update – rule change proposal (cont.)

- If market readiness essential capability has not been met, AEMO will advise of the issue causing this status, the length of time needed to remediate the issue and the suggested alternative date.
- If a “go” status is provide, 5MS will commence on 1 October 2021 as planned.
- **If a short delay is needed**, the suggested alternative date will be 1 December 2021 – **WDR will consequently move to 1 December 2021**, as well as Customer Switching and Electricity B2B
- If an extended delay is needed, AEMO has provided two alternative dates for consideration:
  - 1 February 2022 – the soonest date after the change freeze period from mid-December to end of January
  - 1 April 2022 – to align with a quarter start and avoid summer operations
  - If an extended delay is required, the AEMC will consider which date is appropriate
- AEMC will publish their final determination on the 30 September 2021.

# WDR program update

Ruth Guest

# WDR Update

- WDR Activities remain on track for
  - Preproduction deployment from 27 September
  - Industry test from 4 October
  - Go live 24 October
- 5MS Staging Environment has been rebuilt for WDR System Integration Testing (SIT)
- The following functionality is in or being moved into the SIT environment:
  - Settlements & prudentials
  - System Operations
  - Operations Forecasting
  - Bidding & Dispatch
  - Baselines
  - Retail system (including PAE and eMDM updates)
  - Portfolio management system (phase 2)

# Stakeholder update

- AEMO is yet to receive any applications for registration as a DRSP
- Discussions with several prospective participants are ongoing and an expectation that registration applications will be received in August
- DNSPs have received requests for aggregation endorsement
- It is anticipated that the external facing functionality of the Portfolio management system will be available for preproduction although this delivery remains at 'amber'
- DNSP reporting:
  - The DNSP report will not contain embedded network information (unless a NMI is part of an aggregation that includes DNSP NMIs).
  - It is not a straightforward matter to elucidate parent-child relationships from the retail database. This work has been descoped due to the delivery timelines and cost of implementation.

# Industry testing

Oliver Derum

# Industry testing (1/2)

- AEMO recognises the importance of industry testing to allow participants to test the new data model, reporting and any customisation they have implemented
- WDR programme is aiming to be in preprod by **Mon 27 Sep 2021**
- Timing is based on assumptions:
  - WDR cannot do code drops into pre-prod during 5MS market trial
  - Risk that 5MS market trial will run late
  - WDR SIT E2E UAT needs to be substantially completed
- Aiming to commence industry testing **Mon 4 Oct 2021**

# Industry testing (2/2)

- Due to truncated timelines, the limited number of DRSPs likely to be in pre-prod and confidentiality considerations, the **test strategy** is being updated.
- Primary target is prospective DRSPs, FRMPs and DNSPs:
  - Allow testing of data model changes and new reports
- DRSPs in process of registration will also be able to access and exercise all functionality.
  - With exception of external facing PMS which may not be available until 24 October.
- DRSPs will have ongoing access to pre-prod to test out their bidding capabilities post go live.

# Test strategy

AEMO is proposing to:

- Set up a dummy AEMO DRSP in preprod
- Establish multiple DUIDs in RMC
- Aggregate multiple NMIs to each WDRU/DUID in PMS to ensure a cross section of FRMPs and DNSPs
- Provide information on the NMI:DUID mapping ahead of time to the relevant FRMP / DNSPs
- Provide an indicative timeframe of the planned dispatch events, and update as required
- Create several WDR dispatch events in the first week of industry test
- Run a preliminary settlement in the second week of industry test to capture the main processes
- Liaise directly with at least one DRSP, FRMP and DNSP to ensure data is delivered and reported as expected
- Prospective DRSPs may undertake their own industry testing at any time, e.g. schedule dispatch events as they require

**DISCUSSION:** What else will be useful to test in pre-prod ahead of 24 Oct 21 go-live, noting timeframes will be limited?

# Industry Testing: Next steps

- Updated test strategy will be published for review by 31st of July with a view to publishing a final version by 15th of August
- FRMPs and DNSPs taking part in industry test to be identified by 30th of August
- Test data sets and Test workbook to be developed and distributed by mid-September
  - WDR will follow the same framework as 5MS and use the Test Workbook to record details about the scenarios and data. Hence a separate Test Plan will not be required.
- AEMO to update the industry through the WDR CG on timelines for industry test planning
- AEMO to review how best to manage demands of industry test and potential remediation work in pre-production

Please update AEMO on your interest in formally working with AEMO during the industry test period to validate the data model and reporting functionalities.

Email: [WDR@AEMO.com.au](mailto:WDR@AEMO.com.au)

# WDR risks, issues, and contingency

Oliver Derum

# WDR CG Feedback

- No feedback received this month – AEMO assumes this indicates that the Industry risk register content is suitable (to date)
- No changes to risks, issues or contingencies this month

# EMMS data model script

Armando Estrella

# EMMS data model script update

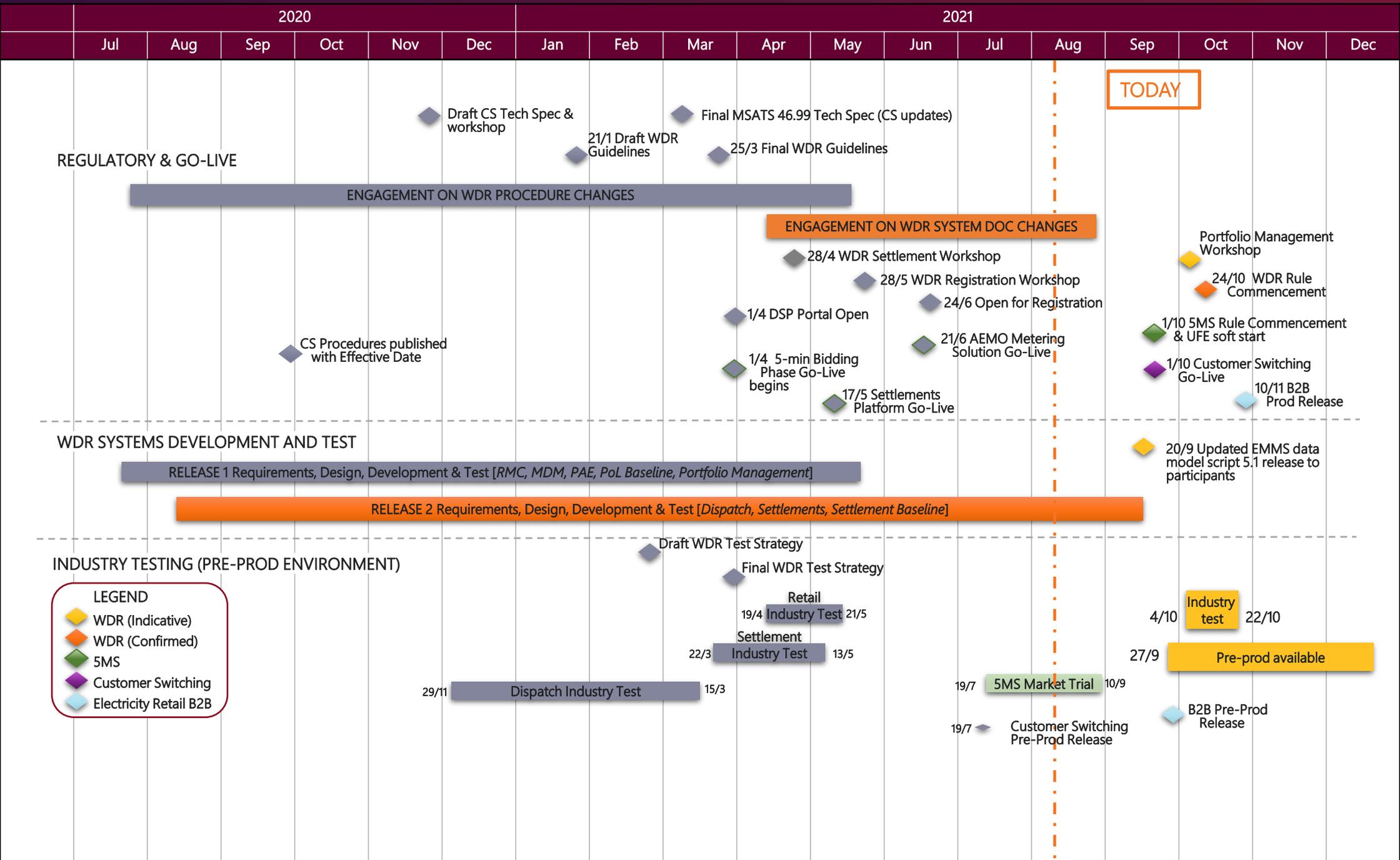
- Development and testing are on-going.
- Data Model Script and PDR Config is targeted to be released to Participants on Sept. 20.
- Actual delivery of reports is targeted to be available on Sept. 27 as part of WDR Pre-Prod roll-out.

# Stakeholder update

Oliver Derum

# Indicative program schedule

Current as of 11 AUG 21



**LEGEND**

- Yellow diamond: WDR (Indicative)
- Orange diamond: WDR (Confirmed)
- Green diamond: 5MS
- Purple diamond: Customer Switching
- Light blue diamond: Electricity Retail B2B

# Upcoming WDR engagement

Meeting	Meeting Date
WDR CG #15	Tue 21 Sep '21
PMS workshop	Sept (TBC)
WDR CG #16	Tue 19 Oct '21

## Proposed agenda for September WDR CG meeting:

- 5MS market trial and customer switching industry testing
- Q&A on WDR industry testing
- Market Systems User Group (MSUG) interim review of EMMS testing 15 Sep
- Workshop on PMS
- Risks/issues/contingency
- AER - update on WDR Participation guidelines
- 5MS update



Please provide agenda suggestions at any time to [WDR@aemo.com.au](mailto:WDR@aemo.com.au)

# General questions

Ruth Guest

# WDR contact and information



Mailbox

[wdr@aemo.com.au](mailto:wdr@aemo.com.au)



WDR program information

<https://aemo.com.au/initiatives/trials-and-initiatives/wholesale-demand-response-mechanism>



WDR stakeholder engagement options

<https://aemo.com.au/consultations/industry-forums-and-working-groups/list-of-industry-forums-and-working-groups/wdr>

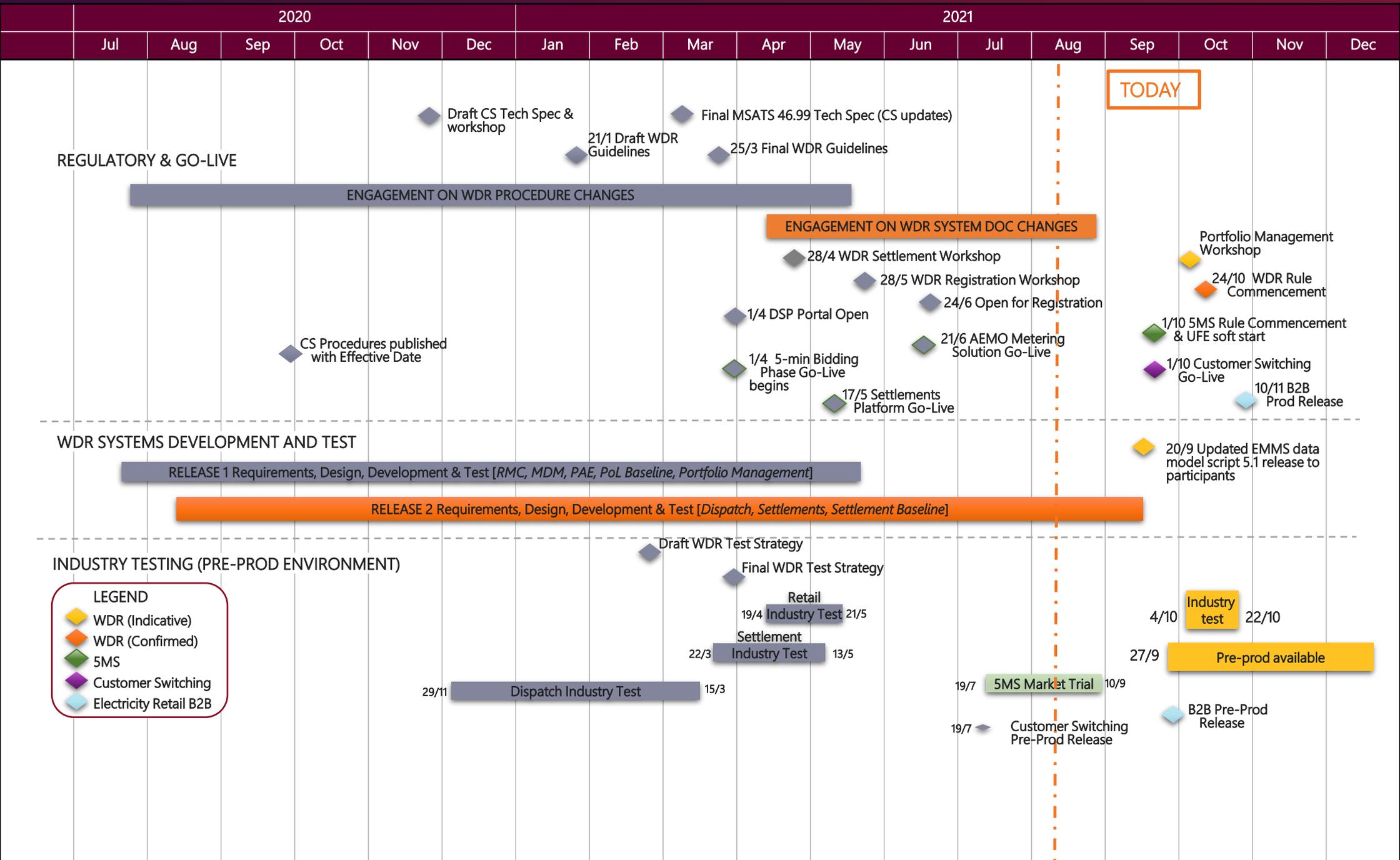
Thank you for your  
participation!

# APPENDIX A

## Indicative program schedule

# Indicative program schedule

Current as of 11 AUG 21



# APPENDIX B

## Project and system document changes

# Project and system document change timelines

Current as of 11 AUGUST 21

Area	Document	Early version released	Comments due	Updated version published
DISPATCH CONFORMANCE	Post-event dispatch conformance policy	01 Apr 2021	22 Apr 2021	25 May 2021
TESTING	WDR Industry test strategy	25 Feb 2021	11 Mar 2021	01 Apr 2021
	<del>WDR Industry test plan</del>	15 Jul 2021	30 Jul 2021	10 Aug 2021
WHOLESALE – EMMS	EMMS technical specification	Apr 2021	mid May 2021	31 May 2021
	Data Interchange (DI) online help	Aug 2021	n/a	Sep 2021
PORTFOLIO MANAGEMENT SYSTEM	Guide to Portfolio Management System (PMS)	mid Aug 2021	late Aug 2021	mid Sep 2021
	Markets Portal online help (PMS updates)	mid Aug 2021	late Aug 2021	mid Sep 2021
RETAIL – MSATS/eMDM	MSATS technical specification	mid Jun 2021	early Jul 2021	6 Aug 2021
	New or updated MSATS/eMDM guides	early Aug 2021	mid Aug 2021	early Sep 2021

# EMMS Data Model script: WDR updates



The Electricity Data Model is the definition of the interface to participants for NEM wholesale data published by AEMO. A database conforming to the Electricity Data Model can contain a local copy of all current participant-specific data recorded in the main NEM database.

Detailed information on the packages, tables and reports in the Electricity Data Model are set out in supporting guides:

<https://www.aemo.com.au/energy-systems/market-it-systems/electricity-system-guides/wholesale-it-systems-software>

