NEM Reform Electricity Wholesale Consultative Forum (EWCF)

Meeting #15 16 April 2024





1. Welcome



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

We pay respect to their Elders past and present.

Agenda



| # | Time | Topic | Presenter(s) |
|---|-------------|--|---|
| 1 | 1:00-1:05pm | Welcome | Chris Muffett |
| 2 | 1:05-1:10pm | Actions & Feedback from Previous Meeting | Chris Muffett |
| 3 | 1:10-2:00pm | In-flight Reform Update Integrated Energy Storage System (IESS) Frequency Performance Payments (FPP) Project Energy Connect Market Integration (PEC – MI) Enhancing Reserve Information (ERI) Improving Security Frameworks (ISF) | Emily BrodieChris MuffettNicole NsairChris MuffettCarla Ziser |
| 4 | N/A | Consultation UpdateNo Consultation updates | N/A |
| 5 | 2:00-2:10pm | Procedures Consultation Roadmap | Nicole Nsair |
| 6 | 2:10-2:15pm | NEM Wholesale Issues & Changes • ICF 002 – Time taken for dispatch targets to be made available to participants | Alice Kelly |
| 7 | 2:15-2:45pm | Other Reforms IDAM, IDX & PC SCADA Lite ST PASA | Andrew BellLuke BarlowShivani Mathur |
| 8 | N/A | For noting • Upcoming Engagements | N/A |
| 9 | 2:45-3:00pm | General Questions and Other Business | Chris Muffett |

Appendix A:

Competition law meeting protocol and AEMO forum expectations

Appendix B:

ICF Register

[&]quot;Please note that this meeting will be recorded by AEMO and may be accessed and used by AEMO for the purpose of compiling minutes. By attending the meeting, you consent to AEMO recording the meeting and using the record for this purpose. No other recording of the meeting is permitted"



2. Actions & Feedback from Previous Meeting



Actions & Feedback from Previous Meeting

(Item = Meeting # - Agenda # - Reference)

| Item | Topic | Action | Responsible | Notes | | |
|----------|--|--|--------------|--------|--|--|
| 14.6.0.1 | ICF 002 – Time taken for Dispatch Targets to be made available to participants | Participants to provide their feedback on the following: | Participants | Closed | | |
| | | Has the information provided to date been helpful? | | | | |
| | | Is dispatch timing a key issue for your business, and should AEMO continue to prioritise resources to assess and explore options to resolve? | | | | |
| | | Any other feedback that may assist, including how to strike the appropriate balance between reliability and performance of the dispatch process. | | | | |

The latest meeting minutes and materials are available on the <u>NEM Reform Electricity Wholesale Consultative Forum</u> webpage.



3. In-flight Reform Update

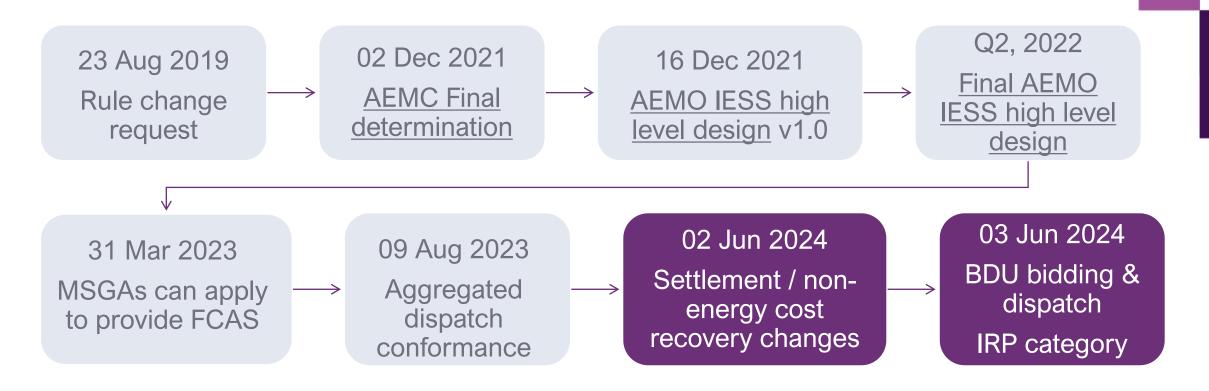


Integrated Energy Storage System (IESS)

Emily Brodie

IESS high-level Timeline





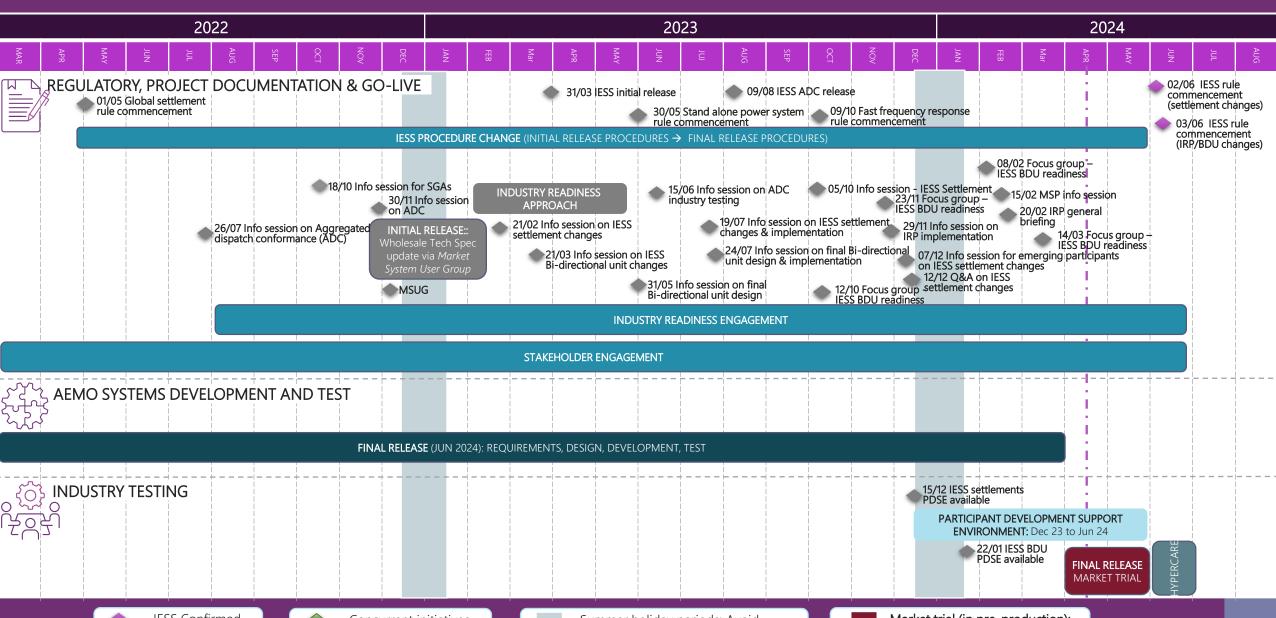
| MSGA | Market small generation aggregator | | | | | |
|--|------------------------------------|--|--|--|--|--|
| FCAS Frequency control ancillary service | | | | | | |
| IRP Integrated resource provider | | | | | | |
| BDU | Bidirectional unit | | | | | |

REFERENCES

- AEMC <u>IESS rule change</u>
- AEMC <u>Implementing IESS rule change</u>
- AEMO <u>IESS High Level Design and Implementation Strawperson</u>
- AEMO IESS Participant Toolbox

IESS – Indicative Industry Timeline









- Market trial has commenced
- < 2 months until go-live



INDICATIVE INDUSTRY ACTIVITIES

- → Individual development and testing
- → Where applicable, participate in industry testing and market trial
- → Daily stand-up calls for market trial participants
- → BESS participants to work with their bidding system vendor and AEMO to establish cutover timing to BDU operations.





| | | miormation |
|----------|---|------------------------|
| MONTH | ACTIVITY | are in the release sch |
| JAN 2024 | ✓ Publish draft market trial plan ✓ Publish final transition plans – BDU, IRI ✓ PDSE ready for BDU bidding & dispato | P, NCC |
| FEB 2024 | ✓ Publish final market trial plan✓ Publish draft Industry go-live plan | |
| MAR 2024 | ✓ Initiative readiness checkpoint (-3mont✓ EMMS data model released to pre-pro | |
| APR 2024 | ✓ IESS MARKET TRIAL period starts ✓ EMMS data model released to product ✓ Final tech specs available • Publish final Industry go-live plan | tion |
| MAY 2024 | Go-live checkpoint (-1 month) | |
| JUN 2024 | IESS rule commencements: Sun 02 Jun: IESS settlements commer Mon 03 Jun: BDU bidding & dispatch of | |

Hypercare

Detailed information and dates are in the IESS release schedule

- Phase 1: IESS standing data changes
 - Wed 03 Apr 2024 to Fri 12 Apr 2024
- Phase 2: Settlements & prudential calculations
 - Wed 03 Apr to Sat 06 May
- Phase 3: BDU bidding, dispatch & MTPASA
 - Fri 19 Apr to Fri 24 May 2024

Other activities throughout Q1 & Q2 2024 include:

- Completing remaining minor/administrative procedure consultations
- Stakeholder engagement
 - NEM Reform forums
 - Information sessions
 - Q&A sessions
 - 1to1 discussions as necessary



Frequency Performance Payments (FPP)

Chris Muffett

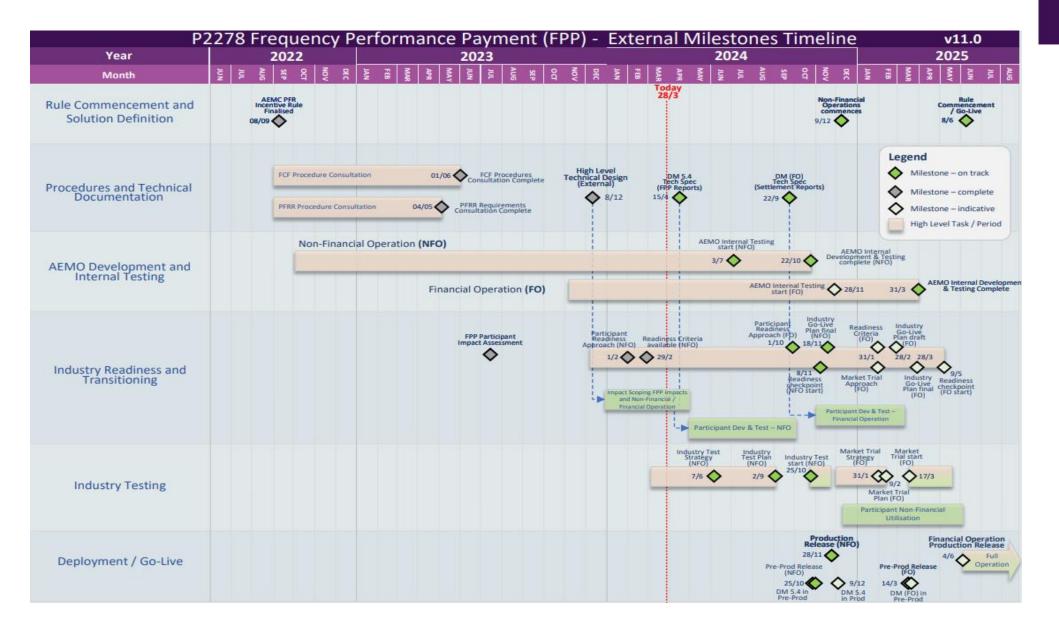


FPP April update

- The FPP Reporting data model tech spec is on track to be released on 15 April.
- The new tech spec also includes an energy forecasting update and is, therefore, considered a major update and numbered accordingly as 5.4, not 5.3.1.
 - There is no impact on the FPP content as a result of this change.
- EMMS DM 5.4 is available via the Technical Specifications portal on AEMO's website, at https://aemo.com.au/energy-systems/market-portals-directory/tech-specs

FPP development and testing timeline





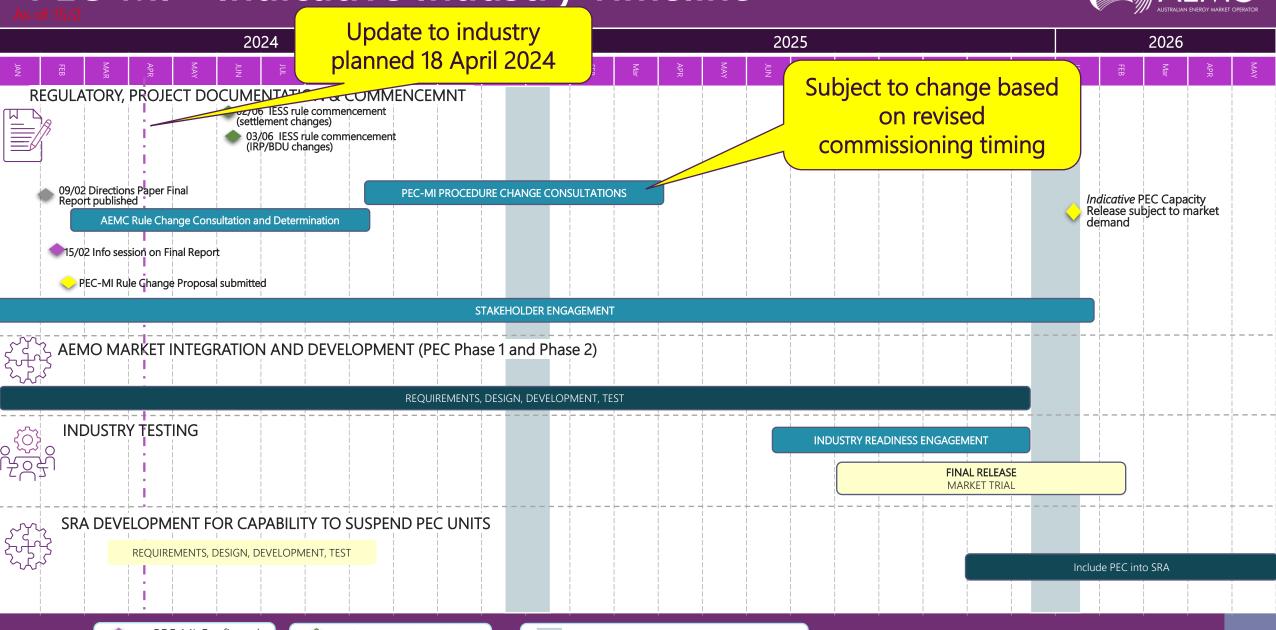
Project Energy Connect Market Integration (PEC – MI)



Nicole Nsair

PEC-MI – Indicative Industry Timeline







2023-26 Plan on a Page

| Deliverable | Indicative Timeline | | | | | | |
|---------------------------------------|---------------------------------|--|--|--|--|--|--|
| AEMO Directions Paper Consultation | Final Report 9 February 2024 | | | | | | |
| AEMO Rule Change Proposal to AEMC | 23 February 2024 | | | | | | |
| AEMC Rule Change Consultation | Q1 2024 - Q4 2024 TBC (Note 1) | | | | | | |
| AEMO Procedure change consultations | Q4 2024 - Q2 2025 TBC (Note 1) | | | | | | |
| AEMO System changes | Q2 2025 - Q4 2025 TBC (Note 1) | | | | | | |
| PEC Market Integration implementation | Commencing Q1 2026 TBC (Note 2) | | | | | | |

Notes:

- 1. Rule and procedure dates indicative timeframes, subject to AEMC timing
- 2. Implementation dates are based on asset owner's indicative timeframes



Enhancing Reserve Information (ERI)

Chris Muffett



Enhancing Reserve Information (ERI)

- The AEMC made a final determination on 21 March 2024 in a rule change process that consolidated proposals from Delta Electricity and Infigen (now Iberdrola Australia), both submitted in 2020.
- The AEMC made a more preferable rule not to create an operating reserve market but to require the publication of new information about reserves.
- The changes should not be onerous for participants or AEMO to implement. The required information is either already provided by participants or will be as part of IESS.



ERI – Key elements and implementation dates

From 1 July 2025

At the end of each trading day, AEMO to publish state of change data for batteries at the DUID level for each trading interval. At the start of each trading day, AEMO to publish aggregated daily energy limits for other types of scheduled plant (e.g. gas, coal, hydro).

From 1 July 2027

AEMO to publish the state of charge of batteries, aggregated by region, in close to real time.

Note: The timing of this element is intended to allow for enough batteries to enter each region for aggregation to conceal the positions of individual participants.



AEMO's operational forecasting

- The AEMC did not prescribe additional reporting obligations on AEMO regarding operational forecasting activities but acknowledged stakeholder concerns, especially in relation to forecasting errors contributing to increased Lack of Reserve (LOR) notices and Reliability and Emergency Reserve Trader (RERT) activations.
- The AEMC "ask[ed] AEMO to collaborate with the industry to address these stakeholder concerns regarding the accuracy of operational forecasts. This collaboration should aim to enhance industry-wide comprehension of reliability shortfalls and operational forecasts" (Final Determination, p5).

Current information and engagement offerings

- AEMO publishes reports and analysis of operational forecasting, including:
 - Quarterly reports: <u>NEM LOR Framework Report</u> and <u>RERT Contract and Activation Reports</u>
 - Raw data: Operational demand, rooftop PV forecasts/actuals, available via <u>NEMWEB</u>.
- The Operational Forecasting team can respond to specific queries via op.forecasting@aemo.co.au.
- AEMO offers an online operational forecasting course. See https://aemo.com.au/en/learn/industry-courses/nem-operational-forecasting-overview, or email energyeducation@aemo.com.au/en/learn/industry-courses/nem-operational-forecasting-overview, or email energyeducation@aemo.com.au/en/learn/industry-courses/nem-operational-forecasting-overview, or email energyeducation@aemo.com.au/en/learn/industry-courses/nem-operational-forecasting-overview, or email energyeducation@aemo.com.au/en/learn/industry-courses/nem-operational-forecasting-overview.



Improving Security Frameworks (ISF)

Carla Ziser





Improving Security Frameworks (ISF)

- The AEMC made a final determination on 28 March 2024 on a more preferable rule to improve arrangements for security services in response to rule change requests from Hydro Tasmania and Delta Electricity
- > The final rule differs from the earlier approach of an Operational Security Mechanism (OSM), and instead provides a framework that will enable AEMO to develop new tools to manage system security

The final rule:





Aligns the existing inertia and system strength frameworks' procurement timeframes (by 1 December 2024)



Removes the exclusion to procuring inertia network services and system strength in the NSCAS framework (by 1 December 2024)

Improves directions transparency (by 4 July 2024).

Empowers AEMO to enable (or 'schedule') security services with a whole-of-NEM perspective.

Transitional Security Enablement Procedure to be published by 30 June 2024



Security Enablement Procedure due 31 August 2025

Full enablement obligations on AEMO will commence on 2 December 2025







The final rule:

Creates a new transitional non-market ancillary services (NMAS) framework for AEMO to procure security services necessary for the energy transition and to trial new sources of security services.



A Transitional Services Guideline must be published by 1 December 2024.

AEMO must publish a statement of security needs, indicating how the transitional services contribute to maintaining a secure power system in the transition, before procuring transitional services.

Introduces a new annual reporting requirement on AEMO, known as the 'transition plan for system security' (or transition plan), in which AEMO will report annually on the steps it will take to manage security through the transition.

The first Transition Plan must be published by 1 December 2024.

Adjusts TNSP cost recovery procedures for non-network security options, to provide certainty and support efficient contracting, commencing 1 December 2024.





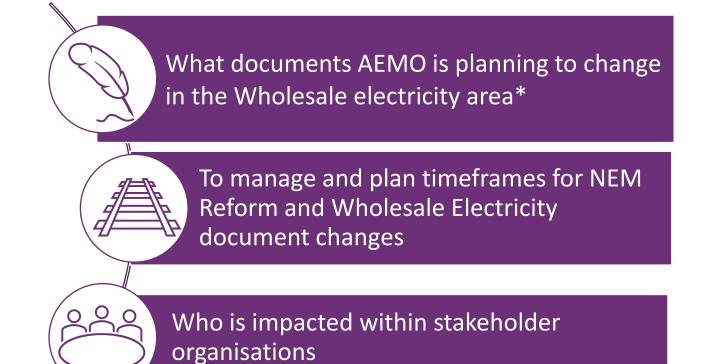
4. Consultation Update



5. Procedures Consultation Roadmap



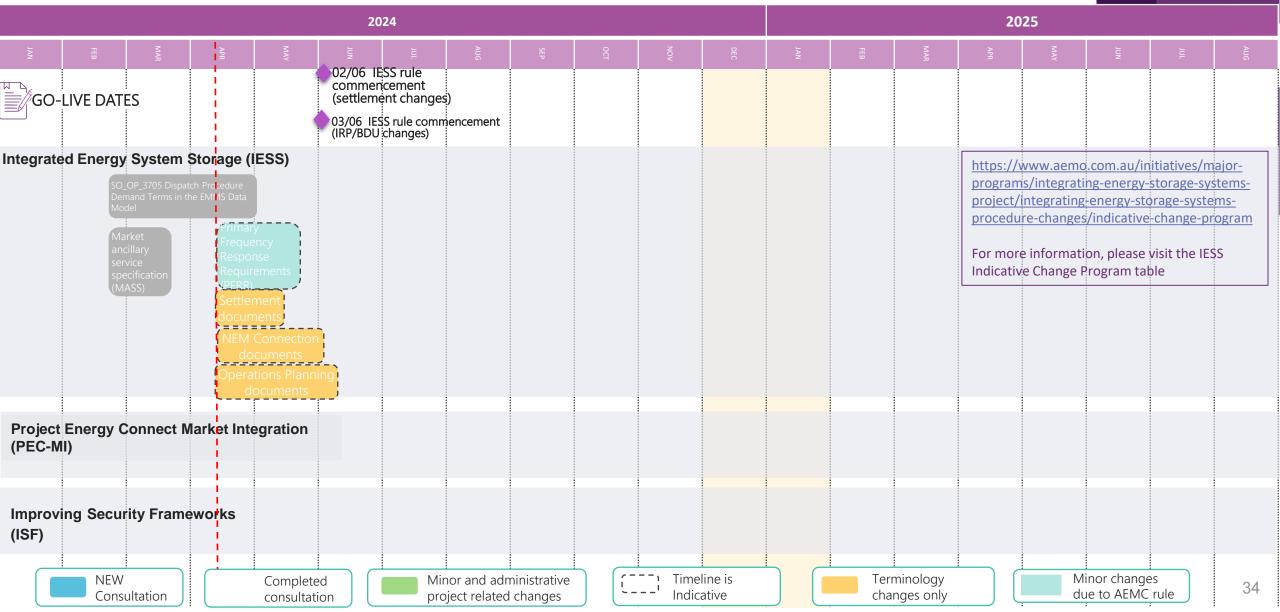
Procedures Consultation Roadmap



^{*}Retail procedure changes are discussed through the Electricity Retail Consultative Forum (ERCF)

Reform INDICATIVE Consultation Timelines







Consultation Timelines – Reform Inflight | projects

| In-flight projects | Consultation packages* | Consultation Type | Key dates | | | |
|--------------------|--|--|---|--|--|--|
| Integrated | SO_OP_3705 Dispatch Procedure | Terminology update to IESS Rule and includes BDU design | Commencement – 19 Feb 2024 Submissions close – 8 Mar 2024 | | | |
| Energy System | Demand Terms in the EMMS Data Model | Terminology update – included on Electricity Market Documents #1 consultation page | Commencement – 19 Feb 2024 Submissions close – 30 Apr 2024 | | | |
| Storage (IESS) | Primary Frequency Response Requirements (PFRR) | Terminology update to include AEMC rule "Clarifying mandatory PFR obligations for BDU plant" | To be completed by 3 June 2024 | | | |
| | Operations Planning documents | Terminology update for IESS | Commencement – April 2024 | | | |
| | NEM National Connections documents | Terminology update for IESS | Commencement – April 2024 | | | |
| | Settlement documents | Terminology update for IESS | Commencement – April 2024 | | | |

Wholesale Electricity INDICATIVE Consultation Timeline



| 1 | | | | | | | | | | | | | | | | | | 1000 | |
|-----------|------------------------------------|--|---------|-----|---------------------------------------|--|-----|-----|----------------------|-------------|-----|-----|-----|-----|-----|-----|-----|------|-----|
| 2024 | | | | | | | | | | | | | 20 | 025 | | | | | |
| JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | ОСТ | N O C | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG |
| GC | O-LIVE DA | \TES | | | | SS rule cement nt changes) S rule comme changes) | : | | | | | | | | | | | | |
| Electrici | ty Market I | Monitorii | ng ¦ | | , , 550 | | | | | | | | | | | | | | |
| Settlen | nents and I | Prudentia | als | | | | | | | | | | | | | | | | |
| Reliabi | lity Foreca | asting | | | report pu | | | | | | | | | | | | | | |
| Operatic | nal Forec Reserve I G | asting Level Decla Guidelines | aration | Ef | 2 May 202 Effective D 22 May 20 | Date | | | | | | | | | | | | | |
| | Corr | npleted sultation | | | Procedure consultatio | change on period | | | Summer ho periods | oliday | | | | | | | | | 36 |



6. NEM Wholesale Issues & Changes

ICF 002 Time taken for Dispatch Targets to be made available to participants

Alice Kelly



Time taken for Dispatch Targets to be made available to participants

- At the March EWCF, AEMO called for participants to provide feedback on the following (prior to the 16th April):
 - Has the information provided to date been helpful?
 - Is dispatch timing a key issue for your business, and should AEMO continue to prioritise resources to assess and explore options to resolve?
 - Any other feedback that may assist, including how to strike the appropriate balance between reliability and performance of the dispatch process.
- Based on feedback received, an update will be made at the May EWCF.



7. Other Reforms



IDAM, IDX & PC

Paul Johnson

Industry Consultation Update



Draft Business Case

- AEMO received 9 submissions in response to the latest Draft Business Case Package.
- Stakeholders were generally supportive of the recommendations, and the majority of the feedback was specific items to make the business case clearer or more compelling.

Published information and materials:

- IDAM, IDX, PC webpage: https://aemo.com.au/en/consultations/industry-forums-and-working-groups/list-of-industry-forums-and-working-groups/nem-reform-foundational-and-strategic-initiatives-focus-group
- Any queries can be directed to NEMReform@aemo.com.au

| | Session 1 | Session 2 | Session 3A | Session 3B | Session 4A | Session 4 | B Session 4C | Session 5 | Session 5A | Session 5b | Session 6A | Session 6B |
|------|-----------|-----------|---------------|---------------|------------|-----------|--------------|--------------|------------|------------|------------|------------|
| 2023 | 22 Mar | 17 Apr | 15 May | 22 May | 26 Jul | 2 Aug | 17 Aug | 21 Sep | 16 Nov | | 22 Jan | 12 Mar |

| Session | Introduction | Discovery | Target State | Transition Strategy | Cost & Method | Business Case |
|---------|---|---|--|---|---|--|
| Agenda | Introduce initiatives Outline workshop plan | Pain points and benefitsSurvey | Concept walkthroughSurvey | Transition StrategyImpacts & BenefitsSurvey | Industry and AEMO costs Assumptions, options and methodology | Walkthrough of draft business caseAssessment and completion |





| Date | Key Milestones | |
|--|--|-----------|
| Tuesday 19 December 2023 | Release of draft business case package | Completed |
| Monday 22 January 2024 | Draft business plan walk through session with stakeholders | Completed |
| Tuesday 23 January to Thursday 8 February 2024 | Additional 1 on 1 meetings held with stakeholders | Completed |
| Friday 9 February 2024 | Stakeholder submissions received on draft business case package | Completed |
| Tuesday 27 February 2024 | Published updated "Business Case – Draft" | Completed |
| Tuesday 12 March 2024 | Second / final stakeholder session – walk through of updates, next steps, closure of working group | Completed |
| Thursday 28 March 2024 | Present at NEM Reform Executive Forum "Business Case – Draft" | |
| End April 2024 (TBC) | Issue final Business Case and confirm Decision. | |

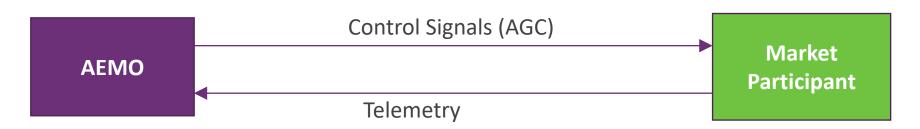


SCADA Lite

Paul Johnson







Provide a new capability for a market participant to establish a bi-directional communication path to exchange telemetry data and control signals with AEMO such that they can participate in the wholesale market. Specifically:

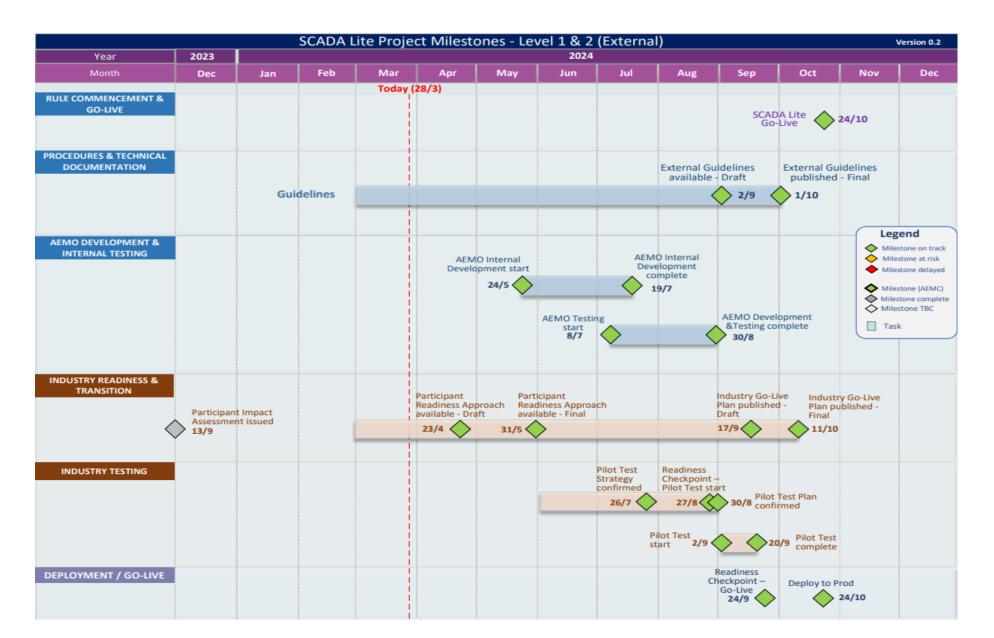
- Demand Response Service Providers (DRSP) providing Wholesale Demand Response (WDR).
- Generators or Integrated Resource Providers not able to exchange information or controls with AEMO via an NSP.

AEMO proposes to implement this capability via a pilot test with a selected participant to prove the service option. When working correctly the SCADA Lite service will be made available in Production to all eligible participants.

AEMO will report on progress against the established milestones – via implementation forum and PCF. No broader working groups are envisaged during the implementation process

SCADA Lite Timeline





SCADA Lite – milestones



SCADA Lite Project - Level 1 & 2 Milestones (External)

| ID | Level | Milestone | Project | Target Date | Expected | Status | RAG | Tentative / | Comments | |
|---------|---------|--|------------|-------------|----------|----------|-------|-------------|----------|---|
| | _ | | | | Date • | | Y | Confirmed | | 7 |
| SCL-201 | Level 2 | Partcipant Impact Assessment issued | SCADA Lite | 13-Sep-2023 | | Complete | | Confirmed | | |
| SCL-202 | Level 2 | Participant Readiness Approach available - Draft | SCADA Lite | 23-Apr-2024 | | | Green | Confirmed | | |
| SCL-203 | Level 2 | AEMO development and internal testing commences | SCADA Lite | 24-May-2024 | | | Green | Confirmed | | |
| SCL-203 | Level 2 | Participant Readiness Approach available- Final | SCADA Lite | 31-May-2024 | | | Green | Confirmed | | |
| SCL-204 | Level 2 | Participant Readiness and Go-live Criteria published | SCADA Lite | 31-May-2024 | | | Green | Confirmed | | |
| SCL-205 | Level 2 | Pilot Test Strategy confirmed with participant | SCADA Lite | 26-Jul-2024 | | | Green | Confirmed | | |
| SCL-101 | Level 1 | AEMO development and internal testing complete | SCADA Lite | 30-Aug-2024 | | | Green | Confirmed | | |
| SCL-206 | Level 2 | Readiness Checkpoint - Pilot Test Start | SCADA Lite | 27-Aug-2024 | | | Green | Confirmed | | |
| SCL-207 | Level 2 | External Guidelines available - Draft | SCADA Lite | 2-Sep-2024 | | | Green | Confirmed | | |
| SCL-208 | Level 2 | Pilot Test Plan confirmed with participant | SCADA Lite | 30-Aug-2024 | | | Green | Confirmed | | |
| SCL-102 | Level 1 | Pilot test period commences | SCADA Lite | 2-Sep-2024 | | | Green | Confirmed | | |
| SCL-209 | Level 2 | Industry Go-live Plan published - draft | SCADA Lite | 17-Sep-2024 | | | Green | Confirmed | | |
| SCL-103 | Level 1 | Pilot Test Complete | SCADA Lite | 20-Sep-2024 | | | Green | Confirmed | | |
| SCL-210 | Level 2 | Readiness checkpoint - Go-live | SCADA Lite | 24-Sep-2024 | | | Green | Confirmed | | |
| SCL-211 | Level 2 | External Guidelines published - Final | SCADA Lite | 1-Oct-2024 | | | Green | Confirmed | | |
| SCL-212 | Level 2 | Industry Go-live Plan published - final | SCADA Lite | 11-Oct-2024 | | | Green | Confirmed | | |
| SCL-104 | Level 1 | Production Release | SCADA Lite | 24-Oct-2024 | | | Green | Confirmed | | |

SCADA Lite: High-level impacts - DRAFT



The information presented here is general in nature. AEMO encourages industry participants to undertake their own due diligence to assess energy market reform impacts on their respective organisations.

| AFFECTED TECHNOLOGY & PROCESSES | INDICATIVE PARTICIPANT CHANGE IMPACTS | <u>AFFEC1</u> | AFFECTED PARTICIPANTS | | | | |
|---------------------------------|---|---------------|-----------------------|----------|------|------|--|
| | | IRP | GEN | DRSP | TNSP | DNSP | |
| REGISTRATION | Required: DRSPs seeking to register >5MW of WDR from a single site/aggregation who do not provide telemetry via an NSP will require a SCADA lite connection Optional. IRPs or Generators seeking a transitional SCADA Lite connection where the NSP does not support the service. MEDIUM Provide required data and undergo required certification Direct annual fees for a SCADA Lite connection | 0 | 0 | √ | | | |
| DISPATCH | MEDIUM: OPTIONAL - Operational systems could be upgraded to receive/respond to instruction signals from a SCADA Lite feed. | 0 | 0 | 0 | | | |
| TECHNOLOGY | MEDIUM for non-NSP participants: Potential for new technology and hardware will be required to enable the bidirectional communication link with AEMO to provide telemetry and optionally receive instruction signals. | 0 | 0 | √ | | | |

^{*} Refer to <u>SCADA Lite Stakeholder Workshop Presentation – 23 August 2023</u> for technical overview

| DRSP Demand Response Service Provider | | | | | | |
|---------------------------------------|--|--|--|--|--|--|
| GEN Scheduled Generators | | | | | | |
| IRP Integrated Resource Providers | | | | | | |

| TNSP | Transmission network service provider | | | | | |
|------|---------------------------------------|--|--|--|--|--|
| DNSP | Distribution network service provider | | | | | |

October 2024: SCADA Lite



SCADA Lite

| Key Date(s) | Go-live 24 October 2024; |
|------------------------------|--------------------------------------|
| Likely impacted stakeholders | DRSPs, IRPs, Small Generators |
| Industry testing anticipated | Pilot Test with selected participant |

| Procedures | Technical documentation | AEMO Development and Internal Testing | Industry readiness and Transition | Industry testing | Deployment and go-Live |
|--|--|--|--|--|--|
| Wholesale Demand Response (WDR) Guidelines published 25 Mar 2021 effective 24 June 2021. Power System Data & Communication Standard v3.0 published 24 Nov 2022, effective 3 Apr 2023. | Technical "How-To" Guideline – prior to golive No changes to Data Models | AEMO development in Progress, and on track. Internal Testing commences July 2024 | Readiness approach to be agreed 31 May 24 Readiness Criteria published and will form basis of readiness checkpoints and readiness tracking | Pilot Test with selected participant in AEMO internal environment – Preprod not required. Testing approach to be confirmed with pilot participant July 2024. Solution available in Production once successfully tested. Configuration data required to establish SCADA Lite connection BAU registration process | Pilot Test commences 2 Sep 2024 Go-live 24 Oct 2024 |

Relevant links

AEMO | Wholesale Demand Response Guideline

AEMO | Power System Data & Communication Standard v3.0

AEMO | SCADA Lite project



ST PASA

Shivani Mathur

Context



- Since 2019, AEMO has been working on understanding the challenges with the short-term projected assessment of system adequacy (STPASA, including PDPASA) in light of the energy transition, and to develop a fit-for-purpose approach going forward
- AEMO submitted a rule change which was finalised in May 2022, <u>Updating Short Term PASA</u>, which removes the prescription of STPASA from the NER and provides a principles-based approach which allows flexibility going forward
- More information is available on the <u>STPASA Replacement Project</u> webpage





- Since finalisation of the rule change and stakeholder workshops in 2022, AEMO has been working the following activities as part of the execution phase:
 - Detailed business requirements for a replacement system
 - Detailed solution design workshops with the selected solution vendor (GE)
 - Detailed architecture solution
 - Design and development on mapping network data with market data
 - Development of models to produce Uncertainty Margins for generation and load
- Challenges have been experienced in progressing some of this work, primarily as a consequence of amendments to the Security of Critical Infrastructure (SoCI) Act, and the impact on data sharing with the vendor



Linkage with Updating STPASA rule

- The original timing of the Updating STPASA rule was based on expected timeframes for AEMO to develop a replacement system, including consultation on the enabling procedures:
 - 30 April 2025 for development and publication of procedures
 - 31 July 2025 for the new arrangements
- AEMO is engaging with stakeholders on options to mitigate the impacts from the challenges to system development, including an option to seek a rule change to delay the rule, or to develop interim procedures to comply with the rule under existing processes and systems





- Workshop being held on 15 April to update stakeholders on the project, and to set out the options being considered
- Stakeholders to provide feedback on the options to AEMO by 30 April:
 - Feedback and questions can be sent to <u>STPASAReplacement@aemo.com.au</u>
- AEMO will continue to update stakeholders on the project through dedicated workshops and the EWCF



8. For Noting



Upcoming Engagements

For noting





| | April | | | | | | | | May | | | | | |
|----|-------|----|----|----|----|----|--|----|-----|----|----|----|----|----|
| M | Т | W | Т | F | S | S | | M | Т | W | Т | F | S | S |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | | | 1 | 2 | 3 | 4 | 5 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 | | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 | | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 | | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 29 | 30 | | | | | | | 27 | 28 | 29 | 30 | 31 | | |

| | June | | | | | | | | July | | | | | |
|----|------|----|----|----|----|----|----|----|------|----|----|----|----|--|
| M | Т | W | Т | F | S | S | M | Т | W | Т | F | S | S | |
| | | | | | 1 | 2 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 | 29 | 30 | 31 | | | • | | |

NEM Reform Program Committees/Forums

Executive Fourm

Reform Delivery Committee

Reform Delivery Committee Collaborative Workshop

Program Consultative Forum

Electricity Wholesale Consultative Fourm

Implementation Forum

Industry Testing Working Group

NEM Reform Initiative Specific

Unlocking CER Benefits through Flexible Trading

Other Forums

Electricity Retail Consultative Forum

Other

National Public Holiday State/Territory Public Holiday



9. Questions and Other Business



NEMReform@aemo.com.au



NEM Reform Electricity Wholesale Consultative Forum





Appendix A: Competition law meeting protocol and AEMO forum expectations



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**:

- Ensure that discussions are limited to the matters contemplated by the agenda for the discussion
- Make independent and unilateral decisions about their commercial positions and approach in relation to the matters under discussion with AEMO
- 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:

- Which customers they will supply or market to
- The price or other terms at which Participants will supply
- Bids or tenders, including the nature of a bid that a Participant intends to make or whether the Participant will participate in the bid
- Which suppliers Participants will acquire from (or the price or other terms on which they acquire goods or services)
- 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.





This charter explains expectations regarding participation and behavior in the Australian Energy Market Operator (AEMO)'s stakeholder forums.

Meeting Expectations

All participants will:

- Respect the diversity of the group.
- Speak one at a time refrain from interrupting others.
- Share the oxygen ensure that all attendees who wish to have an opportunity to speak are afforded a chance to do so.
- Maintain a respectful stance towards all participants.
- Listen to others' points of view and try to understand others' interests.
- Share information openly, promptly, and respectfully.
- If requested to do so, hold questions to the end of each presentation.
- Remain flexible and open-minded, and actively listen and participate in meetings.
- Abide by COVID-Safe workplace guidelines, if attending a meeting on AEMO's premises.

Roles and Responsibilities

Forum stakeholders agree to:

- Be specific and fact-based in their feedback on a specific workstream or emerging issue;
- Review and provide feedback on papers and reports;
- Relay information to their colleagues or constituents after each meeting and gather information/feedback from their colleagues or constituents, as practicable, before each meeting;
- Maintain a focus on solutions or outcomes that benefit all energy consumers.

AEMO agrees to:

- Provide technical expertise in a manner that is considerate of the audience and their level of expertise;
- Assist participants in understanding issues enough to represent their views;
- Provide all participants the opportunity to voice their views.



Appendix B: ICF Register



Appendix B: Industry Change Form (ICF) Register

| No. | Title | itle Comments | | | | | |
|-----|--|---------------|---|---|--|--|--|
| 1 | Reducing the notification period for Default Contribution Factors | Closed | Apart from the ICF proponent (Shell), no stakeholders responded to invitations that this change was a priority for them. | Mar 2024 (slide 31) Feb 2024 (slide 35) Nov 2023 (slides 49-50) | | | |
| 2 | Time taken for Dispatch Targets to be made available to participants | Open | At the March 2024 EWCF, AEMO presented the results of the initial investigation and sought feedback from participants about content and the priority of this issue. Next steps to be determined based on that feedback. | Mar 2024 (slides 32-48) Apr 2024 (slides 40-41) | | | |



For more information visit

aemo.com.au