

# Minutes

## WEM Reform Implementation Group – Meeting 1, 2022

**Time:** 9:30am – 12:00pm

**Date:** 27 January 2022

**Venue:** Teleconference

**Attendees:** \*\*Please note this attendee list is from WRIG 25 November 2021

Name	Organisation	Name	Organisation
Alan McDonald	Bluewaters	Simon Middleton	AEMO
Alex Gillespie	AEMO	Shelley Worthington	EPWA
Aditi Varma	EPWA	Stacey Fontein	Western Power
Ben Connor	Synergy	Stuart MacDougall	AEMO
Brad Huppatz	Synergy	Sumar Kaur	Shell
Christopher Wilson	AEMO	Teresa Smit	AEMO
Claire Richards	Enel X	Tinna Needham	Western Power
Dimitri Lorenzo	SSC Power	Toby Price	AEMO
Dora Guzeleva	EPWA	Vanessa Page	Western Power
Elizabeth Aitken	Aitken Energy	Wendy Ng	Shell
Erin Stone	Point Global		
Gavin White	ERA		
Harry Street	Entego		
Jo-Anne Chan	Synergy		
Judy Hunter	Western Power		
Katelyn Rigden	ERA		
Liam Staltari	AEMO		
Lynda Venables	Synergy		
Mariusz Kovler	AEMO		
Mark McKinnon	Western Power		
Mark Riley	AGL		
Mike Chapman	Western Power		
Mike Hales	AEMO		
Mike Reid	AEMO		
Nicki Eastman	AEMO		
Oscar Carlberg	Alinta		
Patrick Peake	AGL		
Paul (Guest)			
Peter Huxtable (Guest)	Water Corporation		
Raymond Lobo	ERA		
Rebecca Petchey	AEMO		
Rebecca White	Collgar		
Rhiannon Bedola	Synergy		
Sally Campbell	Western Power		
Sara O'Connor	ERA		
Sarah Graham	EPWA		
Simon Akero	Shell		

Slide No.	Issue
1-4	<ul style="list-style-type: none"> <li>• Dora Guzeleva (DG) introduced the meeting and wished everyone a Happy New Year and welcome to WRIG 2022 <ul style="list-style-type: none"> <li>○ DG gave an overview of the agenda for the meeting <ul style="list-style-type: none"> <li>• Agenda – Introductions</li> <li>• JIP - Updates</li> <li>• Market Readiness Update</li> <li>• Next steps</li> </ul> </li> <li>○ We are going to continue with the same pattern of WRIG as last year</li> <li>○ 3 procedures by AEMO published for consultation last week – on our website now <ul style="list-style-type: none"> <li>• Indicative Facility Class and RCM Facility Class Assessment</li> <li>• Certification of Reserve Capacity for the 2022 and 2023 Reserve Capacity Cycles</li> <li>• RCM Limit Advice Requirements</li> </ul> </li> <li>○ Western Power (WP) will be presenting a procedure of their own on the Limit Advice Development</li> </ul> </li> </ul>
<b>Joint Industry Plan – Plan and Progress Updates (Mariusz Kovler, AEMO, Mark McKinnon, Western Power, Ben Connor, Synergy)</b>	
5	<ul style="list-style-type: none"> <li>• Mariusz Kovler (MK) gave an update on the status of the Joint Industry Plan (JIP) from AEMOs perspective: <ul style="list-style-type: none"> <li>○ We have links on slide including to the Reformer – those who do not yet have access please reach out to my team via Mike and get access</li> <li>○ On the reformer under online resources, we will be providing updates to the JIP and Milestones</li> <li>○ Effectively the AEMO view of the world with respect to the program can be found on the Reformer</li> <li>○ Please subscribe to that for key milestones and deliverables</li> </ul> </li> </ul>
6	<ul style="list-style-type: none"> <li>• MK Provided update on AEMOs Implementation Program Activities: <ul style="list-style-type: none"> <li>○ The last couple of months we've had some really solid progress. Now we're ramping up to deliver a massive amount of work in the next 12 months</li> <li>○ Notionally, target is to have all the systems built by the end of the year – our schedules don't currently allow for that so we will be going into the first quarter of next year</li> <li>○ RTMS - looking to go into market control environment in February - build was finished before Christmas</li> <li>○ Activities are ramping up to make sure market control period happens successfully in February</li> <li>○ WEMDE – massive amount of progress</li> <li>○ Our target was to get to 40% complete development perspective by the end of January, we haven't quite achieved that we are somewhere 35% complete (largely because of resource challenges)</li> <li>○ Second internal showcase of the core solver, quite happy with the progress of that particular project and starting to integrate that into the other systems <ul style="list-style-type: none"> <li>• WEMDE UI – still in planning phase, will be working with internal supply partners to get that built. Presently working through impact assessment</li> <li>• Outage Management – moving forward with screens and outage plans</li> <li>• MT PASA – appointed Energy Exemplar</li> <li>• Forecast Integration – moving into execution</li> <li>• Settlement's reform – finished planning, moving into execution of settlements reform in next week or so</li> </ul> </li> <li>○ WEMDE, MT PASA, Settlements are critical path projects and what we are focussing team's efforts on <ul style="list-style-type: none"> <li>○ Next steps <ul style="list-style-type: none"> <li>• Building out interfaces WEMDE</li> <li>• Finalising UI planning</li> <li>• Settlements reform execution</li> <li>• Presenting to WRIG IT on Outage Plans (Feb 2022)</li> <li>• Commencing execution forecast integration</li> <li>• Mike working on market readiness survey</li> <li>• Largest team for the next 6 months in the program - working through a massive amount of projects. Bear with us while we're working through a backlog of about 26 custom development projects, procedures and other activities</li> </ul> </li> </ul> </li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>• Mark McKinnon (MM) from Western Power (WP) provided update on Milestone Log: <ul style="list-style-type: none"> <li>○ I have gone into milestone log, project chart updated the relevant Western Power milestones so most of those accommodate now the new WEM commencement date</li> <li>○ Areas that have changed - in terms of providing the non-thermal limit advice to AEMO – we have pushed out the milestone dates for; <ul style="list-style-type: none"> <li>• AEMO identified circuits; and</li> <li>• limit advice to accommodate for planned outages beyond market start</li> </ul> </li> <li>○ We will be presenting later in this WRIG around WEM Procedure limit advice amendment</li> <li>○ At previous WRIG we provided the procedure for Thermal and Non-Thermal - foreshadowed that to include the RCM Limit Advice</li> <li>○ Milestone log has been updated to include the consultation period and when we are targeting publishing that document</li> <li>○ Generation Performance Standards - one of key dates was end of January to have Market Participants (MP) register their existing transmission connected generators</li> <li>○ All participants have submitted extension requests now if they required one and been accepted so we have revised the milestone date to accommodate that noting that that could change in the future</li> <li>○ I have also added the two documents with a July 2022 milestone, they will come to a WRIG close to then, they are: <ul style="list-style-type: none"> <li>• Relevant Generator Modification Guideline; and</li> <li>• Guideline for Assessment of Technical Requirements</li> </ul> </li> <li>○ Other change – AEMO currently have a loss factor procedure that WP utilises (will become a WP procedure in the future)</li> <li>○ I believe that commences on the new WEM Procedure commencement date however, we are looking to bring that forward, so I have notionally put a WRIG date of July this year, consultation in August, however that is probably dependent on a Rule Change to TBA</li> </ul> </li> </ul>
	<ul style="list-style-type: none"> <li>• Ben Connor (BC) from Synergy provided update <ul style="list-style-type: none"> <li>○ Like WP we have provided updates to milestones to reflect new market commencement date</li> <li>○ Things that have changed substantially are hiring dates for additional members of our trading team, which has gone back, commensurate with the shift in the date</li> <li>○ Adjustment to the date for our new fibre optic connection to the Pemberton power station, which is not driven by commencement date but by Telstra’s ability to do the work</li> </ul> </li> </ul>
<b>Rules Gazettal Schedule (Dora Guzeleva, EPWA)</b>	
<b>6</b>	<ul style="list-style-type: none"> <li>• DG provided update on Tranche 5 and Tranche 6: <ul style="list-style-type: none"> <li>• Tranche 5 <ul style="list-style-type: none"> <li>○ A chunk of rules commenced at 8am on 18 December 2021</li> <li>○ Another part of the amending rules will commence on the 1 February, notably the Transitional Non-Cooptimised ESS framework</li> <li>○ Remaining Tranche 5 commencing progressively with quite a big proportion commencing either just before market start or at market start</li> <li>○ We are planning to publish a complimentary version of the rules (the unofficial version) which has the rules as they would be at the start of the new market and also containing all of those things that are progressively commencing</li> <li>○ Official version of the rules has been updated for the 1 February and will be available on our website</li> </ul> </li> <li>• Tranche 6 <ul style="list-style-type: none"> <li>○ Quite a complex arrangement, during system development we might encounter certain need to amend existing rules or rules at market start</li> <li>○ We will do this progressively; we are sort of reversing the order of things</li> <li>○ Previously we would do some drafting and then consult, then go to ministerial approval -this time around because we expect more changes to be uncovered during the year we will: <ul style="list-style-type: none"> <li>• Spend the first 6 months of the year consulting with stakeholders on a number of exposure drafts;</li> <li>• Have legal review of the drafting and take comments from public consultation; and</li> <li>• In the last quarter of the year we will progress rules to the Minister for approval, publication and gazettal</li> </ul> </li> <li>○ The first exposure draft with the more substantial changes that we know of right now is under development <ul style="list-style-type: none"> <li>• Chapter 6 publications we consulted with TWDOG in November</li> </ul> </li> </ul> </li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>• Chapter 7 - there are a few things we need to do to bring in line some of the rules with the development of RTM systems</li> <li>• Chapter 3 needs changes, not clear yet how many, to accommodate hybrids in the outage planning and management process</li> <li>• We know of some changes that need to be done to the SESSM provisions in advance of those starting</li> </ul> <ul style="list-style-type: none"> <li>○ That exposure draft will be published in the next 3 months, we are working together with AEMO on it. It will contain some draft rule changes and we'll give the necessary time for people to make comments on it</li> <li>○ We have a log of outstanding small typographical reference errors and others - they will be drafted in parallel</li> <li>○ We will probably have to have additional transitional rules moving closer to the market start, plus issues may come up in the development of the systems so that second exposure draft will be published after exposure draft one has been finalised</li> <li>○ The idea is as we lock down some of those rules - systems will be built to the consulted rules. It's more convenient rather than seeking ministerial approval and gazette amending rules as we go through</li> <li>○ We hope to have one Tranche 6 package to be submitted to the Minister in the last quarter of this year</li> </ul> <ul style="list-style-type: none"> <li>• Liz Aitikin asked whether Tranche 6 will include any of the DER rule changes</li> <li>• DG responded – the short answer is no, apart from the fact that we already in Tranche 5 have done a lot of changes to accommodate the participation and registration framework but, if Liz means changes to fully integrate DER into the energy and ESS markets, that is a package that will happen in the year after because policy is still been developed.</li> </ul>
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**Market Readiness update (Mike Reid, AEMO)**

8	<ul style="list-style-type: none"> <li>• Mike Reid (MR) provided a Market Readiness update: <ul style="list-style-type: none"> <li>○ Reformer launched late last year, with good take up - there are a couple of requests for access that I need to action</li> <li>○ Ongoing and dynamic development process for the site</li> <li>○ We want to be adding more detail to implementation project pages and Q&amp;A resource is continually expanded</li> <li>○ Hopefully using it quite soon to publish congestion information resource as a taster for MP ahead of it been published on the main website, which is built on a slightly less compatible platform, but that issue will be solved in due course</li> <li>○ There will be an index for MP to use, so you will be able to find resources not just by project but by readiness task and be able to find the resources that you need</li> <li>○ End of this month we will release the next market readiness survey, questions are unchanged, we will be asking people to complete that survey shortly</li> <li>○ The initial survey was based on general criteria: how programs work across the board, to get ready for reforms etc.</li> <li>○ Plan is to shift to much more targeted and specific questions that are particular to the kind of business/ facilities you're each running and to do lists associated with those - to occur middle of this year</li> <li>○ We have draft criteria for all of the key rule participants and other organisations that have got things to do to get ready for market start, intention is to put that out for consultation among stakeholders to see if we've captured things and get feedback on that</li> <li>○ Readiness working group meets next week for the first time this year and will be asked to endorse the industry risk register which will be published on the portal - its referenced throughout the survey so if you think its incomplete tell us in the survey</li> <li>○ The readiness working group will be asked to review the latest version of this specific readiness criteria and framework prior to taking it out for consultation</li> </ul> </li> </ul>
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**RCM Limit Advice Requirements (Josephine Nga, AEMO)**

See AEMO slide pack	<ul style="list-style-type: none"> <li>• Josephine Nga (NG) update on RCM Limit Advice Procedure: <ul style="list-style-type: none"> <li>○ Procedure published on the 24 January</li> <li>○ Procedure is of transitional nature doesn't take effect until WEM commencement date</li> <li>○ In order for AEMO and WP to carry out a slew of activities for 2022 Reserve Capacity Cycle have to have this procedure in place to allow us to do that</li> <li>○ Intends to cover limit advise process between AEMO and WP and specific structure of <ul style="list-style-type: none"> <li>• Communication;</li> </ul> </li> </ul> </li> </ul>
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- Timeframe;
  - Data – format, form and manner; and
  - Process that AEMO and WP must follow in the event extra information/ clarification is required
- Only dates not specified in WEM rules - special circumstances where AEMO require additional information from WP
    - AEMO will specify the dates by when WP must reply to AEMO
  - The first package of information that AEMO needs to supply to WP is all listed under 4.4B.2
  - It is a list of facilities which have submitted EOI &/or applied for early CRC as well as facilities that have informed that they will be retiring at a certain date
  - AEMO will be providing all this information and information under 4.4B.1 to WP
  - In order for WP to identify who these facilities are and how they intend to connect
  - AEMO may also provide additional information including;
    - The application that the market participants have submitted to WP for the purpose of eventually reaching a excess offer
  - AEMO will be providing additional information in the form of spreadsheets with the timeframe specified (3 March)
  - After WP has the received the information, they will then need to provide the information under 4.4B.5 back to AEMO
  - This Information is required by AEMO to be used for the ultimate goal of developing RCM constraint equations and for AEMO to publish this information publicly to provide market participants transparency to what inputs actually go into formulating the constraint equations
  - WEMR 4.4B.5 includes;
    - Thermal limits
    - Network configuration at peak demand
    - New load and load increase ( $\geq 10\text{mW}$ )
    - Any changes to previous RCM limited advice
  - Key considerations for the format for WP to provide information, needs to be easily accessible such as Microsoft word and it needs to be easy to understand for the public as well not just AEMO
- Rebecca White (RW) commented, I may have misunderstood but it sounds like you are taking the information from the EOS's to inform the development of the limit advice and constraint equations, just looking at the ES00, the most recent one, there seems to be a lot of EOIs in there that I suspect might be double ups or people keeping their options open by submitting multiple knowing they will only do one CRC. Is there a risk then that the equations are based on information that doesn't quite represent how the network will be?
  - JN answered - that's correct in the EOI, especially 2021 we do see a lot of facilities and some of the do provide a number of different options instead of just one option as to how they want to connect and in that scenario AEMO will make a decision is to which option is most likely to go ahead. As to accuracy and how that will get reflected two years later when they get connected... AEMO is required to formulate two sets of constraint equations one set is called preliminary based on EOI information and the accuracy level is really as accurate as to what MP can provide and the second set of constraint equations called RCM constraint equations that set is actually based on CRC information so those people who have been assigned CRC they have more certainty as to how they want to connect and also more certainties as to how firm they want to go ahead. So, In terms of accuracy the first step preliminary, is only as accurate as what we get provided, the second set will be more reflective and more accurate because it has gone through more rigorous process as to how those people want to connect and if they want to proceed.
    - Out for consultations on 24 January and close on 15 February 2022
  - Mark Riley (MR) commented, I was just skimming the procedure to have a look at it – one of your comments was part of the outcome was to have it accessible to industry as well as clear and accessible between AEMO and WP but I noticed there is no definition of what the file format would look like and what each element would look like or be, and I would have thought that was a fairly critical thing for people to be able to pass the information into their systems.
  - JN replied, under table 2 we have specified the type of format that WP must provide their information in for a specific type of information so for example 4.4B.5(a) - WP estimate of the proportion of the peak demand, that can be provided in Microsoft SV or spreadsheet format and for all of the other types of information we also specify the format as well in the table so would that be something you are looking for?
  - MR responded, with my experience in the NEM, people can interpret definitions of information in some interesting ways and if you're a new comer into the market you really want something that specifies what the file contents mean, now it's either in the procedure itself or the file download itself contains the information, so that you can take that information and build a pathing tool to bring into whatever tools you're going to use.

	<p>Otherwise, you risk people interpreting what the content is or what the headers are detrimentally – that was the thought that I had having a lot of painful dealings with CSVs over the last couple of years.</p> <ul style="list-style-type: none"> <li>• JN replied, yes, understood this was an activity that was undertaken by AEMO and WP outside the procedure, outside this presentation. In November last year AEMO had an extensive trial with WP to figure out exactly what information we need and in what format and what are they actually going to look like when they provide us the information officially for 2022 Reserve Capacity Cycle, so even though it's not specifying in great detail in this procedure for the purpose of AEMO and WP there was templates in place.</li> <li>• MR added that's fine, it sounds like you've done a great bit of work between yourselves working it out but the next step is if it's going to be made available to MP we need to be very clear what it is that you are making available to us and I think that is a gap and I will provide that in the formal feedback I'm just letting you know why I'm going to raise that.</li> <li>• Mike Reid added, Mark what would be really useful in terms of feedback around the procedure would be the extent to which MP believe they will be on a regular basis consuming this limit advice because I think that there might be an expectation for many MP that it wouldn't be something that you would regularly consume directly since the things that effect the MPs in the end are the constraint equation themselves, but if that is not an accurate working assumption or if indeed I am out of turn Josephine knock me down but if it's not an accurate working assumption then MPs should tell us.</li> <li>• MR – I can't speak on behalf of other MPs I'm simply looking at the effectiveness of the procedure if the information is meant to be available to MPs to use.</li> <li>• Mike Reid responded, I think it's about maintaining transparency of the process as opposed to providing it that we would imagine is something that MPs are regularly consuming, Josephine do you want to just comment?</li> <li>• JN answered, yes I agree with you Mike from my point of view there are two forms of information one is to provide transparency and this limit advice information which is actually the input going to RCM constraint equation is really just for that and the other is the constraint equations themselves which we believe the public will be using a lot or passing this information for their purposes so for this limit advice it would just fall in the first category not so much the second, but if that's an incorrect assumption you can let us know.</li> <li>• MR commented, I'll provide that as a comment in the feedback and I'll leave it up to you what you do with it.</li> </ul>
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**WEM Procedure Limit Advice Development – amendments related to provision of RCM Limit Advice (Huuson Nguyen, Western Power)**

<p><b>See Western Power slide pack</b></p>	<ul style="list-style-type: none"> <li>• Huuson Nguyen (HN) from WP provided an update on WEM Procedure Limit Advice Development – amendments related to provision of RCM Limit Advice <ul style="list-style-type: none"> <li>○ WEM procedure to be published with the amendments suitable for the RCM 2022 cycle timeframe which requires publication in March after 3 week public consultation in February</li> <li>○ 3 types of Network Limit <ul style="list-style-type: none"> <li>• Thermal Limits: describes the maximum capacity for electrical throughput of a particular network element due to temperature or related effects</li> <li>• Non-Thermal Network limits: a network limit that is not Thermal Network Limit</li> <li>• RCM Thermal Limit: a thermal limit determined at an ambient temperature of 41C (NEW) not used for operational purposes purely for RCM purposes</li> </ul> </li> <li>○ AEMO will develop the RCM Constraint equations to determine the Network Access Quantity</li> <li>○ WP will provide the following information in RCM Limit Advice to assist AEMO in developing RCM Constraint Equations <ul style="list-style-type: none"> <li>○ See slide for Information WP will provide</li> </ul> </li> <li>○ Amendments proposed to WEM procedure <ul style="list-style-type: none"> <li>○ New Section 5 “development of RCM Thermal Network Limits”</li> </ul> </li> <li>○ Estimating the configuration of the network (5.1) <ul style="list-style-type: none"> <li>• AEMO will provide WP with a list of the new facility and facility will cease to operate permanently</li> <li>• WP will advise AEMO on how the network will look like to connect new facility and disconnect facility to be retired</li> <li>• We will use the information from the connection study planning design document and access agreements and any applicable document</li> <li>• In addition, we also provide the RCM thermal limit of the new and modified network elements</li> </ul> </li> <li>○ Estimating the proportion of demand in the network (5.2) <ul style="list-style-type: none"> <li>• WP will estimate the proportion of the peak demand at each Electrical Location (zone substations) including identifying new or increasing loads &gt;= 10MW</li> <li>• WP will use the log data in the current SWISS model for year 3 of the Reserve Capacity Cycle to provide to AEMO</li> </ul> </li> </ul> </li> </ul>
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	<ul style="list-style-type: none"> <li>○ Determining RCM Thermal Network Limits (5.3) <ul style="list-style-type: none"> <li>● WP will determine the RCM thermal equipment rating and what needs to be considered specifically for existing transmission lines and terminal transformers</li> <li>● With the operational thermal network limit the thermal rating is based on different ambient temperature depending on where the network assets are located in the network</li> </ul> </li> <li>○ Provision of RCM Limit Advice <ul style="list-style-type: none"> <li>● WP is required to provide AEMO RCM Limit Advice by 5pm on or before 15 April 2022</li> <li>● WP already has a process in development for the requests of information, including any explanations for changes in RCM Limit advise provided – see slide (6.1.3) for what report is to include</li> <li>● In February we will publish the transitional procedure for comment, (clean copy along with tracked changes copy) seeking feedback to be considered when finalising the procedure - targeted for March 2022</li> <li>● Summary of feedback received will be presented at WRIG</li> <li>● Updates procedure will be published on WP website</li> </ul> </li> </ul> <ul style="list-style-type: none"> <li>● Comments or questions- <a href="mailto:RegulatoryReforms@westermpower.com.au">RegulatoryReforms@westermpower.com.au</a></li> </ul>
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**CRC WEM Procedure for the 2022 and 2023 Reserve Capacity Cycle (Katelyn Rigden, AEMO)**

<p><b>See AEMO slide pack</b></p>	<ul style="list-style-type: none"> <li>● Katelyn Rigden (KR) provided overview of Certification of Reserve Capacity on 2022 and 2023 Reserve Capacity Cycle <ul style="list-style-type: none"> <li>○ Late last year in WRIG we went through the 2021 version of the CRC procedure <ul style="list-style-type: none"> <li>○ Has been amended to focus on things like the new electric storage methodology</li> <li>○ Introduction of components</li> </ul> </li> <li>○ Reminder when we are certifying a facility, we are not doing it at the facility level any more we now have to look at the different types of technologies that facility may be comprised of - also covering of on the fact that the EOI process is now mandatory <ul style="list-style-type: none"> <li>○ We need that information now for the limit advice in the NAQ process</li> </ul> </li> <li>○ 2022 procedure needs to be published by 1 March – keep in mind when you are on the AEMO website that both may be live at any one point in time <ul style="list-style-type: none"> <li>○ Make sure you are referring to the right one depending on what cycle you are working on at the time</li> </ul> </li> <li>○ Key changes for 2022 <ul style="list-style-type: none"> <li>○ Removal of Constrained Access Entitlement, as we are moving to the NAQ framework</li> <li>○ Introduction of Network Augmentation Funding Facilities NAFF</li> <li>○ Update to Facility Upgrade definition</li> </ul> </li> <li>○ NAFF – relatively broad, refers works to either transmission or distribution system which is impacting the transfer of electricity; and resulting in an increase of capacity at that location</li> <li>○ You would want to be classified as a NAFF if you are a new facility or an upgrade <ul style="list-style-type: none"> <li>○ You receive a higher priority order in the NAQ model when compared to other new facilities or upgrades</li> <li>○ For example, you will be run in run 4 of the model and all other new facilities will be added in run 5 – you will have first dibs to the capacity in that network</li> </ul> </li> </ul> </li> <li>● Question from Mark Riley on NAFF Application process (addressed below) <ul style="list-style-type: none"> <li>○ NAFF -- Application Process <ul style="list-style-type: none"> <li>○ If you want to be considered as a NAFF you need to nominate in your EOI and CRC application, important that you are nominating in both</li> <li>○ You need to provide supporting information - evidence that you have committed to funding the Network Augmentation Works and evidence that it will be in service by 1 October of Year 3</li> <li>○ It will form part of the normal process for certification - if you submit your application early enough and you send a nice email to the reserve capacity team they will go through your</li> </ul> </li> </ul> </li> </ul>
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application and have a look to determine whether you have met those two conditions, i.e., have you provided enough information?

- Some examples we have included in the procedure are provision of Interconnection works contract and electricity transfer access contract and any evidence that any relevant conditions precedence have been or will be satisfied by that date
  - Its not an exhaustive list because it can change on a case-by-case basis
  - When AEMO receive you application we have 5 business days to provide that to WP
  - WP then has 10 business days to review and notify AEMO whether they agree or don't agree
- KR asked, Mark does that answer your first question?
- MR responded kind of, its probably the second question now that becomes relevant...
- KR asked – what happens if a network fails to deliver? In terms of what happens if you WP and the participant fail to meet that timeline for the works?
- MR answered, let's assume the participant is ready, its paid WP, has a contract with WP it's been given a classification based on WP saying they will deliver an augmentation by a certain date and then that date runs late. What happens to the participant at that point? Are they dropped off the system? That will from a critical contract issue for the participant and WP I would think.
- KR responded, yes, because we are doing this assessment two years ahead in time we will just take the lasts information we have at that point in time, so if we believe we have sufficient evidence and WP agrees that you will met that deadline then you will be given that NAFF status and then a few weeks later when we run that NAQ model you will have that status and you will get that priority. If it doesn't actually occur it's too late, it doesn't matter anymore you have already been assigned those NAQs which is the purpose of that status.
- MR added so there is a market impact.
  
- Dora Guzeleva (DG) added that she is not sure if/how this is different to any network works that are required for any facility, whether it's NAFF or not, for that new facility to be connected in time.
- KR replied, if you're not connected in time Mark and you've got capacity credits then there will be consequences on that facility and you have potential refunds because you need to be delivering and available by that 1 October date so there's definitely consequences with that, but that applies to every facility that's new and trying to connect for a specific capacity year. This is really about whether there's works that have been completed which are going to increase the capacity in that area of the network to alleviate a constraint and the reason why you would want to do that is because you want to get a higher priority order and you want to guarantee getting NAQs so if you're located in an area that's constrained in the network you're only going to get the residual capacity so you may not get any NAQs even though you still want to connect and participate in the energy market you may not get those capacity credits to make your facility viable, hence why you would fund augmentation which is then going to enable you to get those NAQs.
- MR responded, thanks Katelyn that all makes perfectly good sense, I guess the bit that I'm looking at it, this is all dependent, assuming you have done everything correctly as a participant, this is all becomes dependent on another participant – the network, and if they fail to deliver you are going to be the one that provides refunds or lose generation so this something you have to think about as a participant in your contract to get those works done and how you would have to put those sorts of clauses into your contract if there is a delay or failure on the part of the service provider and that's what I take from this. Thank you.
- KR asked whether this answered Dora's question.
- DG responded that she was making a point, which was that the same circumstance can emerge as a risk in any new facility whether its NAFF or not
  - Other changes
    - Another key change is the Facility Upgrade definition now in Appendix 3 it is slightly different because it focusses solely on nameplate changes
      - It doesn't focus on just future changes but also any change to your nameplate which may have occurred since the previous Reserve Capacity Cycle
    - We have broadened our definition in the procedure to make sure we are capturing both. Its an important definition because now that the EOI process is mandatory if you have a facility upgrade you need to submit an EOI for that upgrade to ensure that you can also submit a CRC application for that upgrade, so we are trying to include the new upgrade definition in all of our EOI reports as well just to confirm with participants
    - Removal of the Constrained Access Entitlement calculation for Constrained Access Facilities
    - Constraints now considered under the NAQ Model
    - There will be a rather large NAQ Model procedure which needs to be published by 1 September 2022

	<ul style="list-style-type: none"> <li>○ There will be further WRIG presentations across this year covering off on that detail</li> <li>○ Hoping to publish the Procedure in the next few days for a 15 day consultation period aiming to publish on our website by 1 March 2022</li> </ul> <ul style="list-style-type: none"> <li>• Any questions – <a href="mailto:katelyn.rigden@aemo.com.au">katelyn.rigden@aemo.com.au</a> (cc <a href="mailto:WA.ETS@aemo.com.au">WA.ETS@aemo.com.au</a>)</li> </ul>
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**Indicative Facility Class and RCM Facility Class assessment (Katelyn Rigden, AEMO)**

<b>See AEMO slide pack</b>	<ul style="list-style-type: none"> <li>• Katelyn Rigden (KR) provided update on the Indicative Facility Class and RCM Facility Class assessment: <ul style="list-style-type: none"> <li>○ We have talked about this before, I think this is the third time at WRIG, but we are finding that every time there is rule change something is slightly impacting it, hence why we keep needing to tweak it <ul style="list-style-type: none"> <li>○ See slides for recap</li> </ul> </li> <li>○ Previous procedure amendments – 1 December 2021</li> <li>○ Changes related to specific requirements for facilities applying for Conditional CRC, basically where you believe you've got all the information you need to submit an application except for evidence of your network access so it's a way of testing how much CRC you get but then you have reapply once you do have that network access arrangement signed off with WP</li> <li>○ Procedure was amended so that you need to come to AEMO and apply for an Indicative Facility Class because that's they class that we will use to determine what methodology we can use when assigning you CRC depending on what technologies and what facility class you are</li> <li>○ See slide 4 for previous feedback and AEMOs response but note; that RCM Facility Class and Indicative Facility Class are just concepts that we need in the RCM process when we are certifying two years ahead of time so it won't actually be the facilities registered facility class e.g. when you are new and you are coming to us and you are about to build something we will use the information you have at that point in time to determine what class we think you will be two years later and that's how we will certify you and when you actually get to your commissioning tests that's when the registration team will give you your final registered facility class. It's not going to have an impact on your obligations in the energy market</li> <li>○ Key procedure to look out for in the future will be the transitional procedure that will govern how registered facilities today are going to transition to the new facility classes under clause 1.47 of the WEM Rules</li> <li>○ Future changes (1 March 2022)</li> <li>○ With delay to new WEM commencement date, we also need to extend this procedure to the 2023 Reserve Capacity Cycle</li> <li>○ Additional requirements for new facilities entering into NCESS Contract <ul style="list-style-type: none"> <li>○ You have an obligation to come to AEMO and apply for an Indicative Facility Class first which gives AEMO enough time to give you that facility class and you enough time to go and apply for CRC to meet that obligation in the rules</li> </ul> </li> <li>○ This Procedure has already been published for a 15 day consultation period closing 10 February</li> </ul> </li> <li>• Any questions – <a href="mailto:katelyn.rigden@aemo.com.au">katelyn.rigden@aemo.com.au</a> (cc <a href="mailto:wa.ets@aemo.com.au">wa.ets@aemo.com.au</a>)</li> </ul>
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**WEM Procedures (Alex Gillespie, AEMO)**

<b>12-15</b>	<ul style="list-style-type: none"> <li>• Alex Gillespie (AG) provided WEM Procedure update: <ul style="list-style-type: none"> <li>○ 3 procedures out for consultation <ul style="list-style-type: none"> <li>• Indicative Facility class and RCM Facility Class Assessment – close 10 February</li> <li>• Declaration of Bilateral Trades for the 2021 Reserve Capacity Cycle – close 10 February</li> <li>• RCM Limit Advice Requirements – close 15 February</li> </ul> </li> <li>○ Upcoming for consultation <ul style="list-style-type: none"> <li>• Certification of Reserve Capacity for the 2022 and 2023 Reserve Capacity Cycle</li> <li>• Limit Advice Development</li> <li>• RCM Constraint Formulation</li> <li>• Real-Time Market Submissions</li> </ul> </li> <li>○ Upcoming Publications – Early March <ul style="list-style-type: none"> <li>• Indicative Facility class and RCM Facility Class Assessment</li> <li>• Declaration of Bilateral Trades for the 2021 Reserve Capacity Cycle</li> <li>• RCM Limit Advice Requirements</li> <li>• Limit Advice Development</li> </ul> </li> </ul> </li> </ul>
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## Next Steps (Dora Guzeleva, EPWA)

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- DG gave an overview of the next steps:
  - Next WRIG 9:30am Thursday 24 February 2022
  - Next WRIG-IT meetings scheduled 17 February 2022
- Please look up procedures on Energy Policy WA's website and provide comment within the 15 day timeframe
- Email enquiries to [wa.ets@aemo.com.au](mailto:wa.ets@aemo.com.au)