

Update on Outage Rule Change Proposals (RC_2013_15 and RC_2014_03)

MAC Meeting 8 August 2018

Situation as at Last MAC Meeting

- Legacy Rule Change Proposals
 - RC_2013_15 (Outage Planning Phase 2 – Outage Process Refinements)
 - RC_2014_03 (Administrative Improvements to the Outage Process)
- AEMO concerns about potential conflicts (implementation timeframe and duplication of cost/effort) with
 - System Management System Transfer (SMST) project
 - WEM Reform Program – outage management framework
- New advice on use of SMMITS C1 parameter in PASA
- Strong MAC support for progression of proposals
- Need to determine what can be progressed and how

SMST Project

- Western Power houses and supports System Management systems (including SMMITS) under Services Agreement
- Best efforts support on aging hardware and software platform – agreement to September 2018
- SMST project to relocate and re-hardware existing System Management systems from Western Power to AEMO
- Implementation anticipated by end 2019
- Current end of life systems carry significant risk for AEMO and market
- Difficult for AEMO (and Western Power resources supporting AEMO) to support SMST and make significant changes to SMMITS at the same time

WEM Reform Program – Outage Management Framework

- AEMO advises key items of focus include
 - Definitions (Planned Outages, Consequential Outages and Forced Outages) and whether/where they are applicable
 - Equipment List (e.g. distribution network equipment)
 - Data and form of an outage submission (outage values and what they represent, the need for temperature de-rating, capacity adjustment, etc)
 - Submission and approval processes (Acceptance/ Approval/Recall)
 - Opportunistic Maintenance
 - Relationships with Commissioning

RC_2013_15 – Proposed Approach

- Obligations to participate in the outage planning process
 - Seems OK to proceed as no IT impacts (AEMO to confirm)
 - Need to confirm alignment with reform concepts or identify exceptions
- Interactions between Planned Outages and Balancing Submissions
 - Seems OK to proceed as no IT impacts (AEMO to confirm)
- Timelines for Planned Outages
 - Some elements dependent on SMMITS changes
 - May need to amend/delay/reject some Opportunistic Maintenance timeline changes
 - Investigate option to implement before SMST?

RC_2013_15 – Proposed Approach (2)

- Availability criteria for approval of Planned Outages
 - OK to proceed as no IT impacts
 - Need to ensure issues related to recent Supreme Court decision are addressed
- May progress RC_2013_15 first due to low IT impact
- Need to workshop proposal with AEMO to confirm system impacts and potential conflicts with WEM Reform Program

RC_2014_03 – Proposed Approach

- Implement as much of RC_2014_03 as possible without changes to SMMITS
- AEMO to determine most efficient method of providing the required unadjusted and capacity adjusted outage quantities
 - May re-use existing SMMITS-generated outage schedules
 - May use existing outage transparency data feed as input to new calculations where existing outage schedules are inappropriate
 - Need to workshop revised proposal with AEMO to confirm required outage quantity types and where they are used
- Modify existing market systems to use correct outage quantity type (except where net benefit too low)

RC_2014_03 – Proposed Approach (2)

- Implement temporary manual workarounds to avoid SMMITS changes
 - Keep C1 (and C2?) but revise and clarify meaning
 - Log Forced Outage and notify AEMO to request Consequential Outage (but no letter requirement)
 - AEMO to make permitted changes in SMMITS if participant cannot
 - Manual processes for ex-ante Consequential Outage notifications and another new notifications
 - New Standing Data items may not be stored in WEMS
- Details of workarounds in PSOP rather than Market Rules (as far as possible)

Next Steps

- AEMO to continue working with RCP Support to
 - Confirm IT impacts of RC_2013_15
 - Identify which components of RC_2013_15 and (updated) RC_2014_03 should not be progressed and why
 - Confirm feasibility of the proposed approach to capturing outage quantities
 - Determine a workable straw man for the calculation and application of unadjusted and capacity-adjusted outage quantities
 - Provide preliminary cost/time estimates for RC_2013_15 and RC_2014_03
- Present proposed approach and timelines at September 2018 MAC meeting