WEMDE Dispatch Algorithm

WRIG – 25 November 2021

Resources – WEMDE Project

The below items were cited by AEMO at the 25 November 2021 WRIG discussion on the WEMDE Project.

Resource	Link	Comments
FCAS Model in NEMDE	https://aemo.com.au/-/media/files/electricity/nem/security_and_reliability/dispatch/policy_and_process/fcas-model-in-nemde.pdf?la=en	While the terms are different (e.g. FCAS vs. ESS), and the NEM has more markets, the principles for the construction of trapezia will be the same in the WEM.
Over constrained dispatch re-run process	https://aemo.com.au/-/media/files/electricity/nem/security_and_reliability/congestion-information/2016/over-constrained-dispatch-rerun-process.pdf	While the mechanism will be different in the WEM, the same principles as per section 3.2.1 of this document still apply.
Schedule of Constraint Violation Penalty Factors	https://aemo.com.au/-/media/files/electricity/nem/security_and_reliability/congestion-information/2016/schedule-of-constraint-violation-penalty-factors.pdf	The names in the WEM will vary, but the ordering principles will remain similar to the NEM.
Fast Start Inflexibility Profile	https://aemo.com.au/-/media/files/electricity/nem/security_and_reliability/dispatch/policy_and_process/fast-start-unit-inflexibility-profile.pdf	The principles and approach in the NEM will be copied to the WEM, except for any considerations regarding interconnectors.