



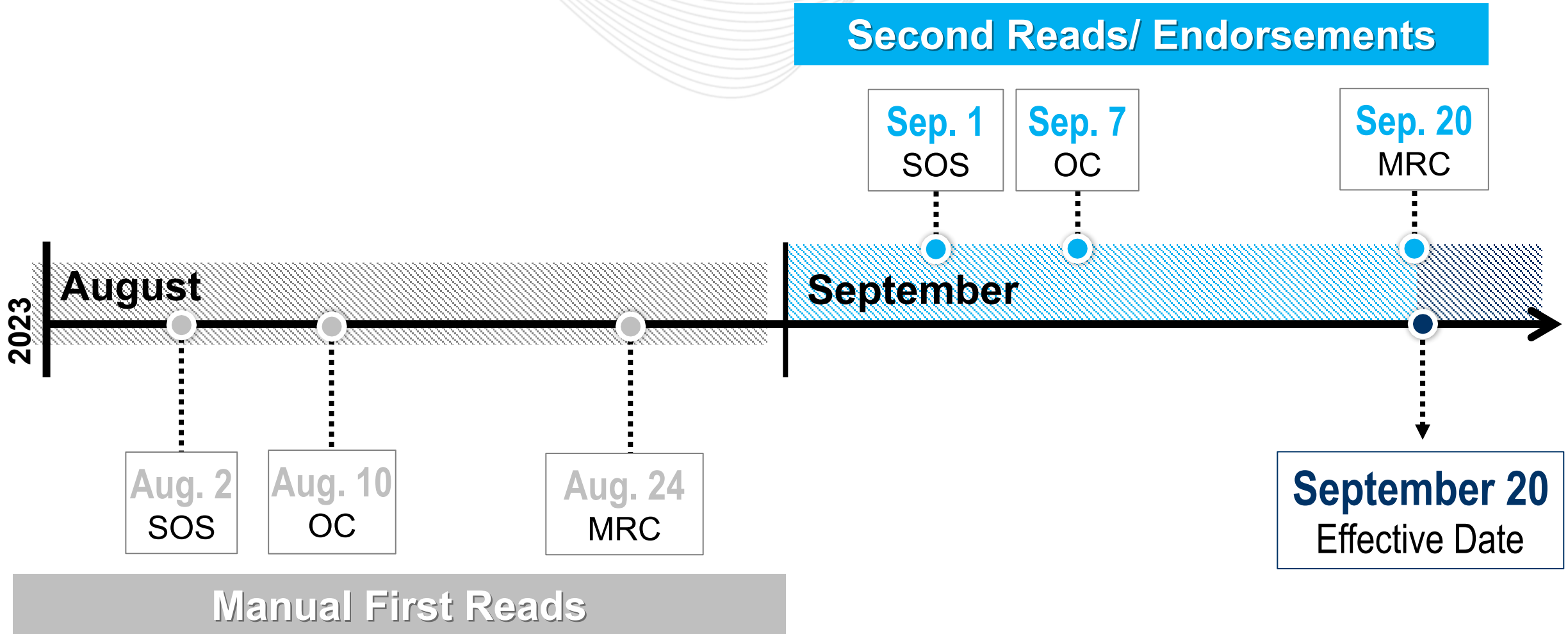
# PJM Manual 12: Balancing Operations v49 Revision Summary

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- Section 4.1.2 “Loading Reserves” had clarifying language added such that resource owner with a synchronized reserve assignment should respond when receiving either an ICCP signal or ALL CALL.

- Under “PJM Actions” added:
  - PJM Dispatcher will initiate the event by selecting the appropriate Synchronized Reserve Zone in the PJM EMS. This action will send an initiating signal to Resource Owners capable of receiving the signal **via any existing EMS datalinks established between PJM and the Resource Owners, using ICCP or DNP3 protocols.**
  - PJM dispatcher ~~will follow up with a requests the resource owner, via the~~ PJM ALL-CALL Message requesting resource owners with a Synchronized Reserve Commitment to load a percentage (25, 50, 75, or 100 percent) of the Synchronized Reserve (typically 100 percent) in the appropriate control zone(s). PJM has several Synchronized Reserve market areas. The dispatchers will select the most effective response respecting the requirements of the regional reserve sharing programs in which PJM is a participant.

- Under “PJM Member Actions” added:
  - Resource owners that elect to use their assets to respond to an event shall, without regard to price and as quickly as possible, load the requested percentage of Synchronized Reserve and Non-Synchronized Reserve **immediately after receiving either the PJM ICCP signal, DNP3 signal, or PJM ALL-CALL Message.**



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**M-12 Version 49 Revisions**



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