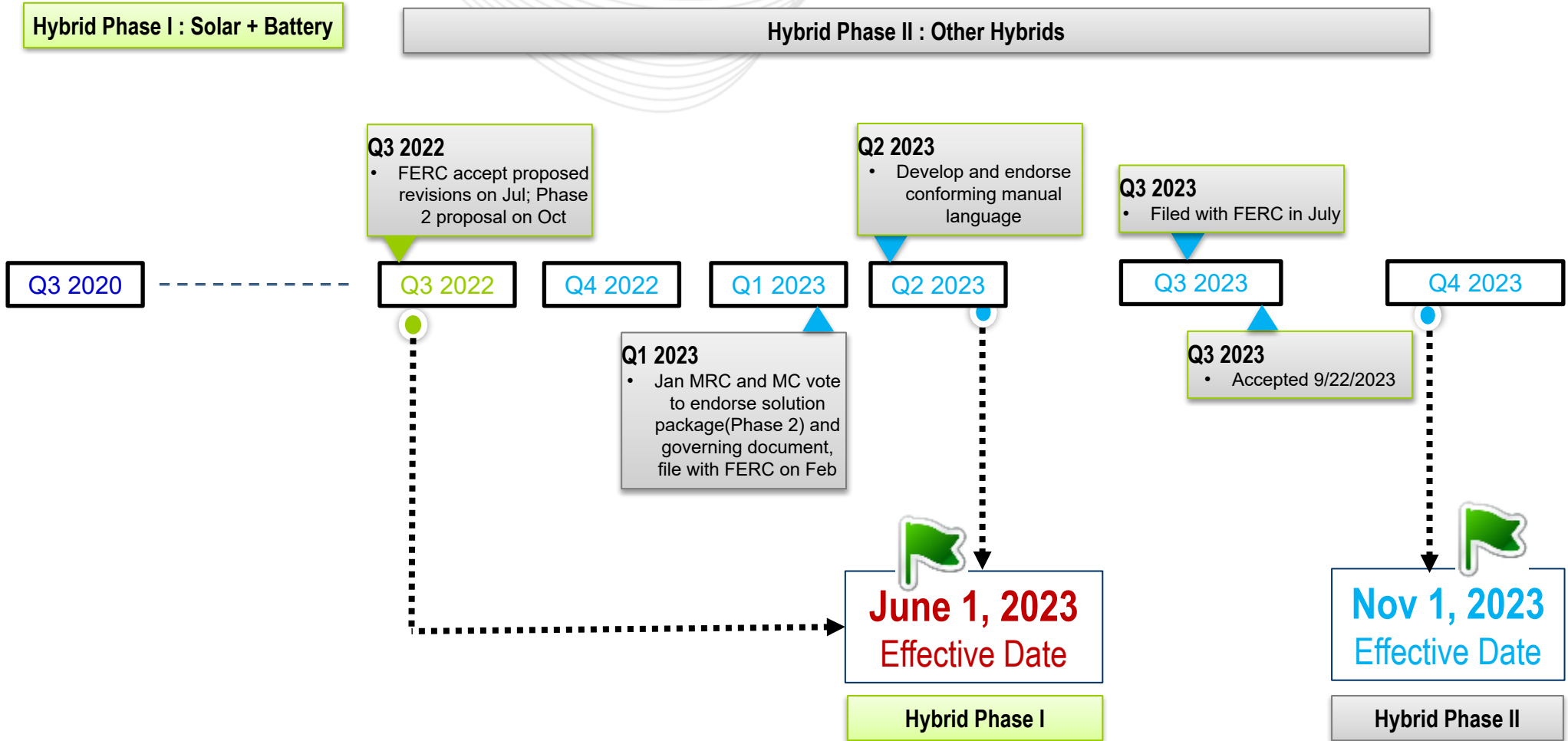




Manual 11 Revisions – Hybrid Resource Phase II Conforming Changes

Zhenyu Fan
Real-Time Market Operations
Market & Reliability Committee
November 15, 2023



- FERC's approval of Docket No. ER23-2484-000 (09/22/2023)
 - Hybrid Resource Definition and participation model expansion
 - Revisions related to Lost Opportunity Cost ("LOC") Credits
 - Filed with an effective date of 12/31/9998
- Manual 11 revisions focus on Definition and Participation Model of Hybrid Resource
- Implementation date: 11/1/2023

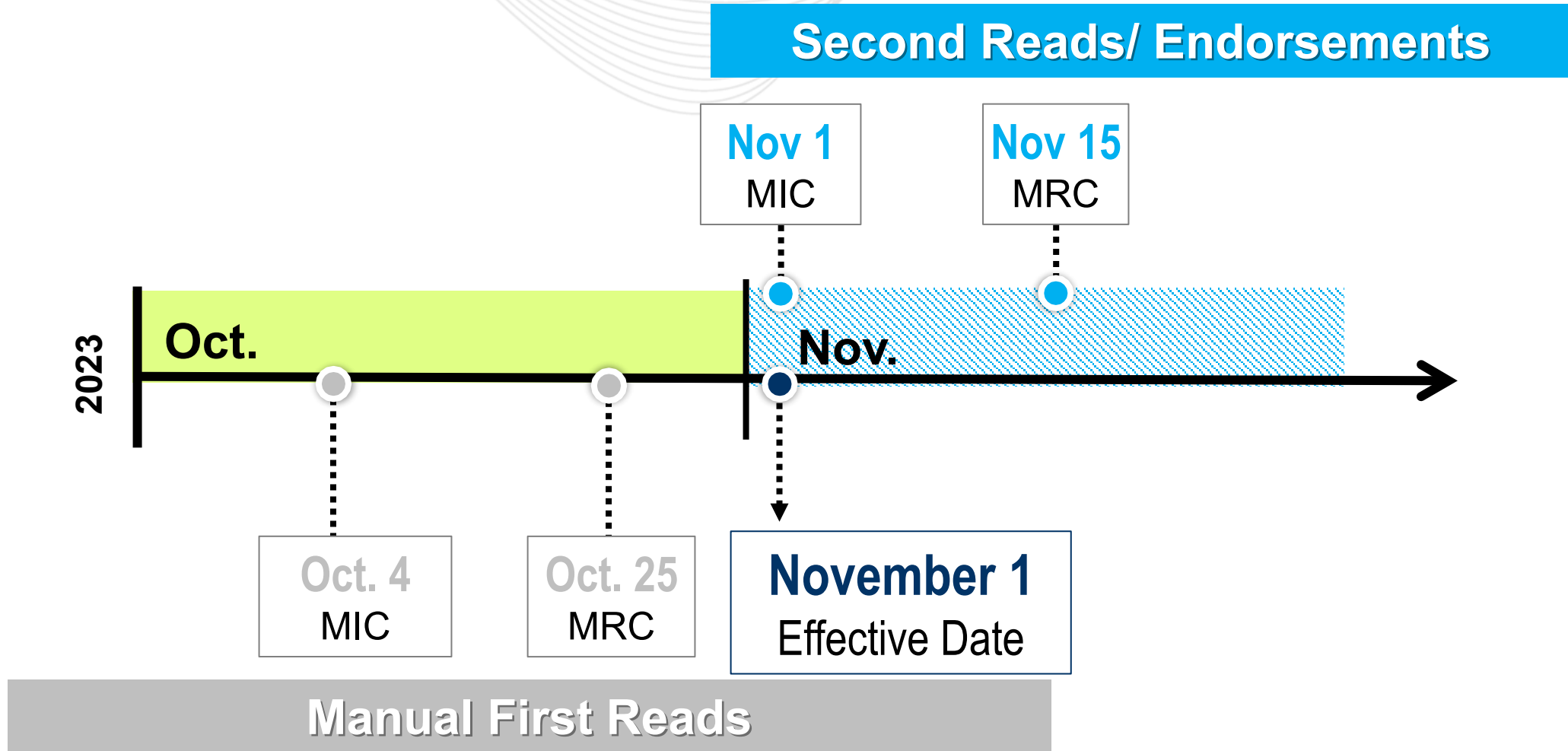
<https://www.pjm.com/-/media/committees-groups/committees/mrc/2023/20230125/item-03---1-hybrids-phase-ii-package---presentation.ashx>

- Section 2.3.3 – update/clarify to offer rules, schedules on Market Seller as Hybrid Resource
- Section 2.3.4:
 - 2.3.4 C.1 Hybrid Resource
 - Updated Phase 2 definition on Hybrid Resource, Closed-Loop Hybrid Resource and Open-Loop Hybrid Resource
 - Clarify the participation models for Hybrid Resource with and without storage component



Manual 27 and Manual 28 Revisions – Hybrid Resource Phase II Conforming Changes

- Manual 28:
 - Section 22.1
 - update to hybrid resource and open-loop hybrid definitions
- Manual 27:
 - Section 8.1
 - update to hybrid resource and open-loop hybrid definitions
 - clean-up: update to location of following dispatch within 10% business rule consistent with same language in Manual 28
 - Section 8.2
 - clean-up: add Schedule 9-FINCON to line item list consistent with same language and list in Manual 28



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Hybrid Resource Phase II Manuals Update - MRC



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