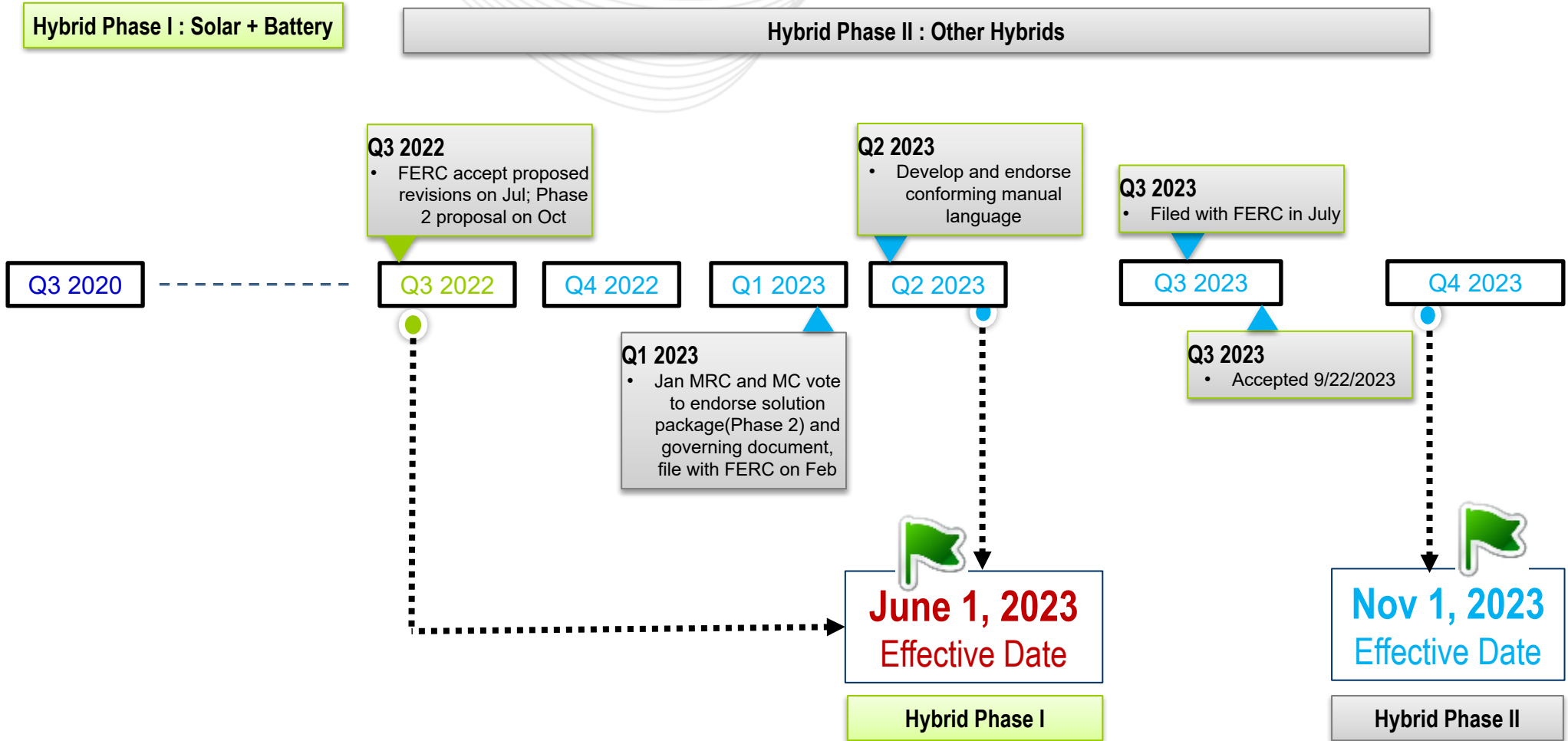


# Manual 11 Revisions – Hybrid Resource Phase II Conforming Changes

Zhenyu Fan  
Real-Time Market Operations  
Market & Reliability Committee  
October 25, 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

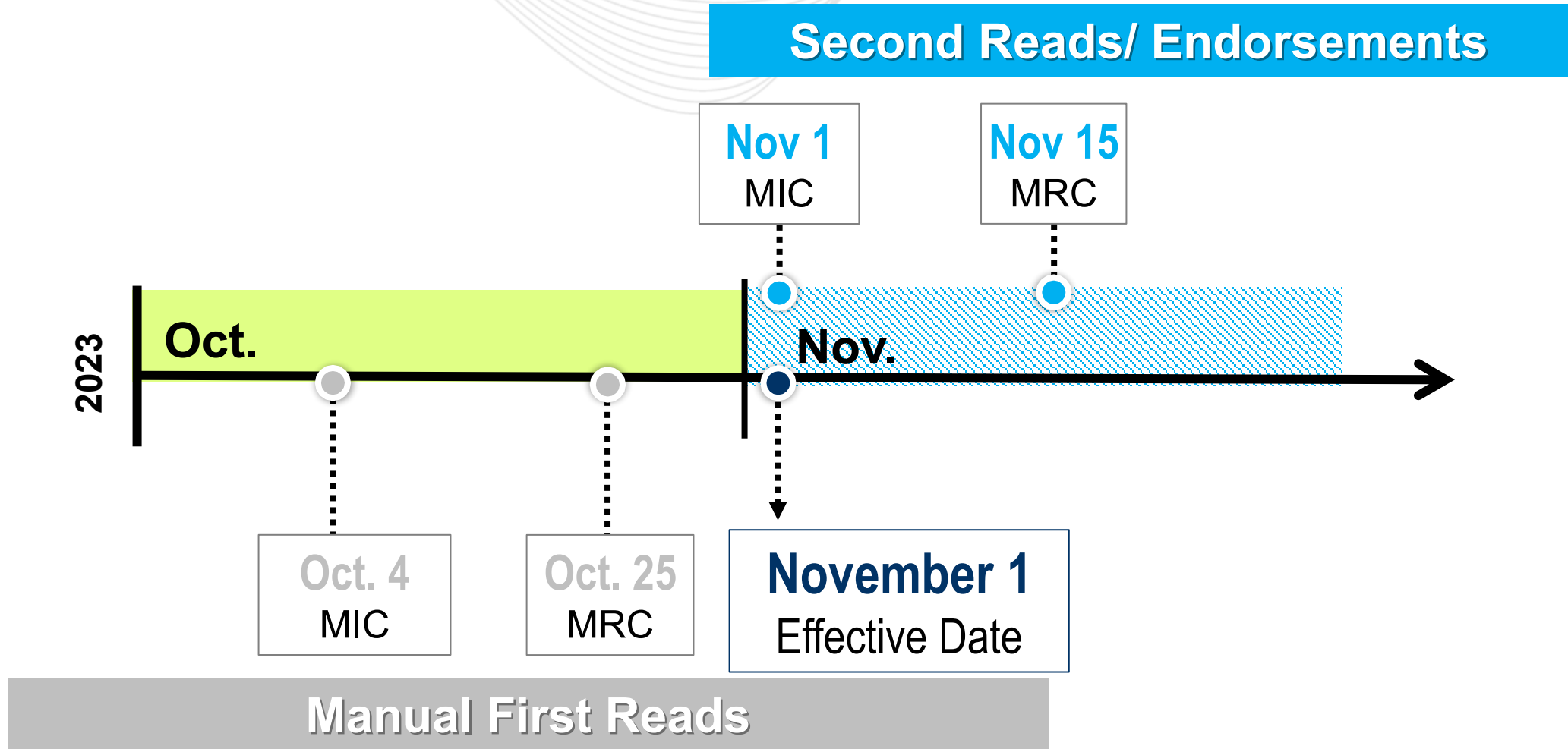
<https://www.pjm.com/-/media/committees-groups/committees/mrc/2023/20230125/item-03---1-hybrids-phase-ii-package---presentation.ashx>

- 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



Facilitator:

Stu Bresler, [Stu.Bresler@pjm.com](mailto:Stu.Bresler@pjm.com)

Secretary:

Dave Anders, [Davis.Anders@pjm.com](mailto:Davis.Anders@pjm.com)

SME/Presenter:

Zhenyu Fan, [Zhenyu.Fan@pjm.com](mailto:Zhenyu.Fan@pjm.com)

## Hybrid Resource Phase II Manuals Update - MRC



### Member Hotline

(610) 666 – 8980

(866) 400 – 8980

[custsvc@pjm.com](mailto:custsvc@pjm.com)



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