



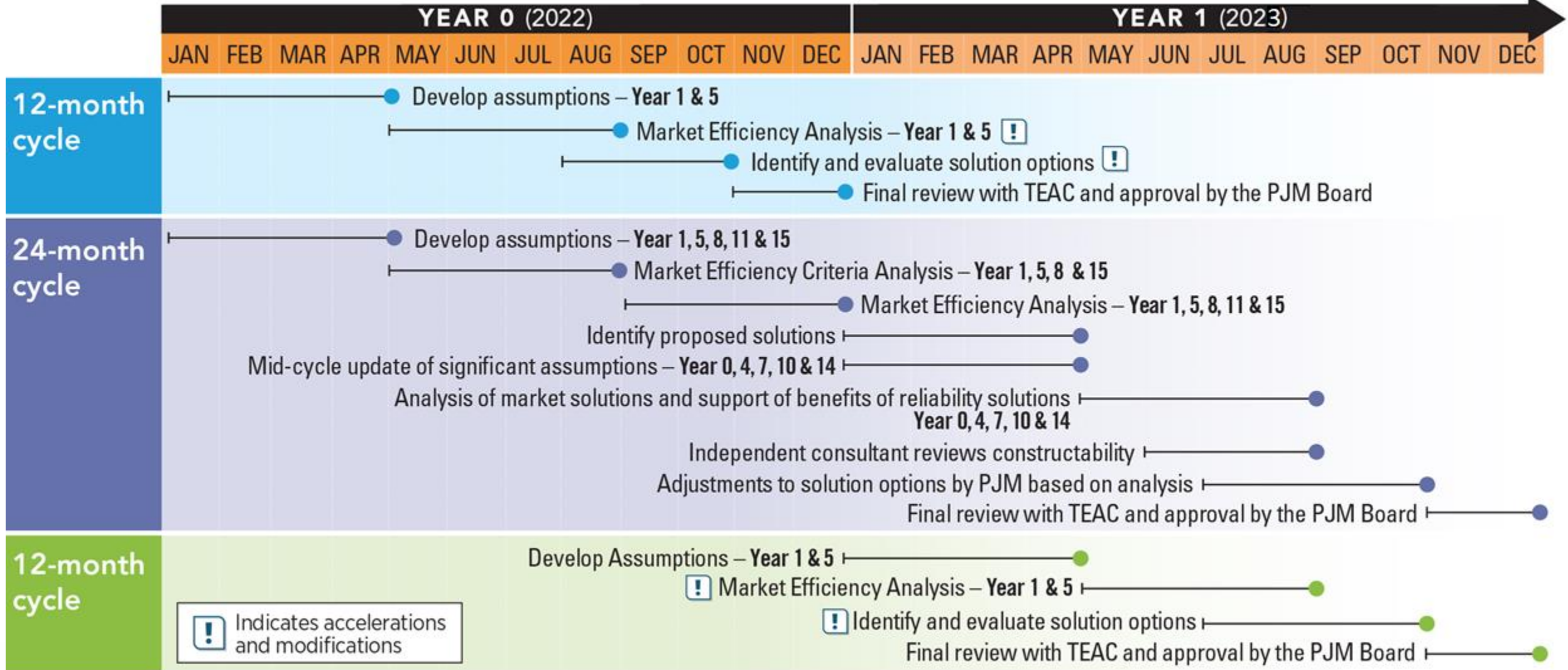
MISO-PJM IPSAC

- PJM 2022/2023 Market Efficiency Cycle
- Annual Issues Review
- Next Steps



PJM 2022/23 Market Efficiency Cycle

2022/23 Market Efficiency Timeline



Indicates accelerations and modifications

- Hitachi Energy PROMOD Database – Spring 2022.
- Powerflow consistent with the 2027 RTEP powerflow.
- Load Forecast and Demand Response based on PJM 2022 Load Forecast Report.
- Generation Expansion consistent with the machine list included in the Planning RTEP Powerflow.
- Fuel and Emissions Price forecasts provided by Hitachi Energy.
- Financial parameters Discount Rate and Carrying Charge, based on the Transmission Cost Information Center spreadsheet.

Step	Target Date
Develop Base Case Assumptions	May 2022
Post Preliminary Base Case	July 2022
Stakeholders Feedback	September 2022
Identify Congestion Drivers	September – November 2022
2022 Reevaluation Analysis	September – November 2022
2022 Acceleration Analysis	September – November 2022
Post Final Base Case and Target Congestion Drivers	January 2023
Long Term Proposal Window	January - May 2023
Analysis of Proposed Solutions	May – September 2023
TEAC Reviews and Board Approval	October - December 2023

Annual Issues Review

- ✓ • In the 4th quarter, RTOs exchange:
 - Regional issues and newly approved projects near the seam
 - New regional issues
 - Interconnection requests under coordination
 - M2M historical congestion
- ✓ • RTOs jointly reviewed above in January
- ✓ • Receive Third Party issues in first quarter (required 30 days before Issues Review IPSAC)
- ✓ • Issues Review IPSAC –
 - Held in the first quarter of each year
 - Must provide 60 calendar day notice of scheduled date
 - Stakeholder feedback due 30 days prior to IPSAC

- **Within 45 calendar days after the Issues Review IPSAC the JRPC shall determine the need for a Coordinated System Plan study**
- **JRPC notifies the IPSAC of its decision within 5 business days**

- Issues and plans have been discussed at regional meetings
 - PJM regional issues are presented at monthly [TEAC meetings](#) and [Subregional RTEP Western meetings](#)
 - MISO regional issues are presented at triannual [Subregional Planning Meetings](#)
- Third Party input was requested at the November 8, 2021 IPSAC meeting
 - Input/feedback was due by January 18, 2022

- Regional issues and newly approved projects near the seam
 - Please see selected MISO slides posted with meeting materials
 - TO submitted ‘bottom-up’ projects for MTEP22
 - Projects approved in MTEP21
- New regional issues
 - No regional Market Congestion Planning Study (MCPS) will occur in MTEP22
 - MISO economic models still being developed for use in the MISO Long Range Transmission Planning effort
- M2M historical congestion
 - Joint summary posted with meeting materials

- Regional issues and newly approved projects near the seam
 - Please see selected TEAC and Subregional RTEP Committee – Western meeting slides posted with meeting materials
- New regional issues
 - 2022 RTEP cycle reliability issues not identified yet
 - 2022/23 24-month Long-Term cycle started January 2022, Market Efficiency issues were not identified yet
- M2M historical congestion
 - Joint summary posted with meeting materials

Four entities provided feedback:

Num	Stakeholder	Feedback Description
1	Ameren	RTOs should look at IL SB2408 and EPA Coal Combustion Residuals Part A. Mitigating the issues should be performed as an Interregional process.
2	ComEd	What are the RTO discussions on IL SB2408 over the next 10-25 years. Especially interested in coal/oil retirements required by 2030.
3	National Grid Renewables	The main issue are Affected Systems Study delays, which has negative impact to generation projects. Suggests JOA updates with stronger language and hard deadlines.
4	WPPI	Regarding congestion on the Sandburg XFMR 3 161/138kV and the Quad Cities-Rock Creek 345kV line. Suggest ratings upgrades to enhance XFMR cooling and elimination of transmission line terminal limits.

- Feedback has been posted with meeting materials

- Targeted Market Efficiency Project (TMEP) Study
 - MISO and PJM opted not to perform a TMEP Study in 2021 based on limited 2019+2020 historical M2M congestion drivers
 - RTOs are currently reviewing the highest congested elements and potential mitigating factors to determine need for full or limited 2022 TMEP study
- Interregional Reliability Studies
 - PJM 2021 RTEP Window 2 addressed a reliability issue in the St. Johns-Crete 345kV area
 - PJM review of issue underway. RTOs will further coordinate after PJM completes preliminary review.
- Interregional Market Efficiency Project (IMEP) Study
 - PJM and MISO will coordinate interregional congestion issues in alignment with the PJM 2022/2023 market efficiency window for consideration in the 2023 PJM-MISO CSP planning cycle
- Other Studies
 - Interregional Public Policy Projects: No issues currently identified

Next Steps

- JRPC will determine the need for Coordinated System Plan studies and inform the IPSAC through the PJM and MISO email distributions
 - Determination to be made by April 3, 2022
- Next IPSAC meeting is TBD, tentatively scheduled for June 2022
 - Additional IPSAC meetings will be scheduled as needed depending on necessity of study

Open Discussion

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MISO:

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