

MISO – PJM Joint and Common Market Cross Border Transmission Planning

February 22, 2019

- 61 Market-to-Market flowgates evaluated
- 2 projects recommended
 - \$ 25.3 million in historical congestion (2016 + 2017)
 - \$ 31.9 million TMEP benefit
 - \$ 4.5 million total cost
 - 7.1 average B/C ratio
- MISO and PJM each brought the recommended TMEPs to their respective boards in early December
 - Both Boards approved the projects
 - The projects are now part of the MTEP and/or RTEP portfolios

Summary and Location of Approved TMEPs

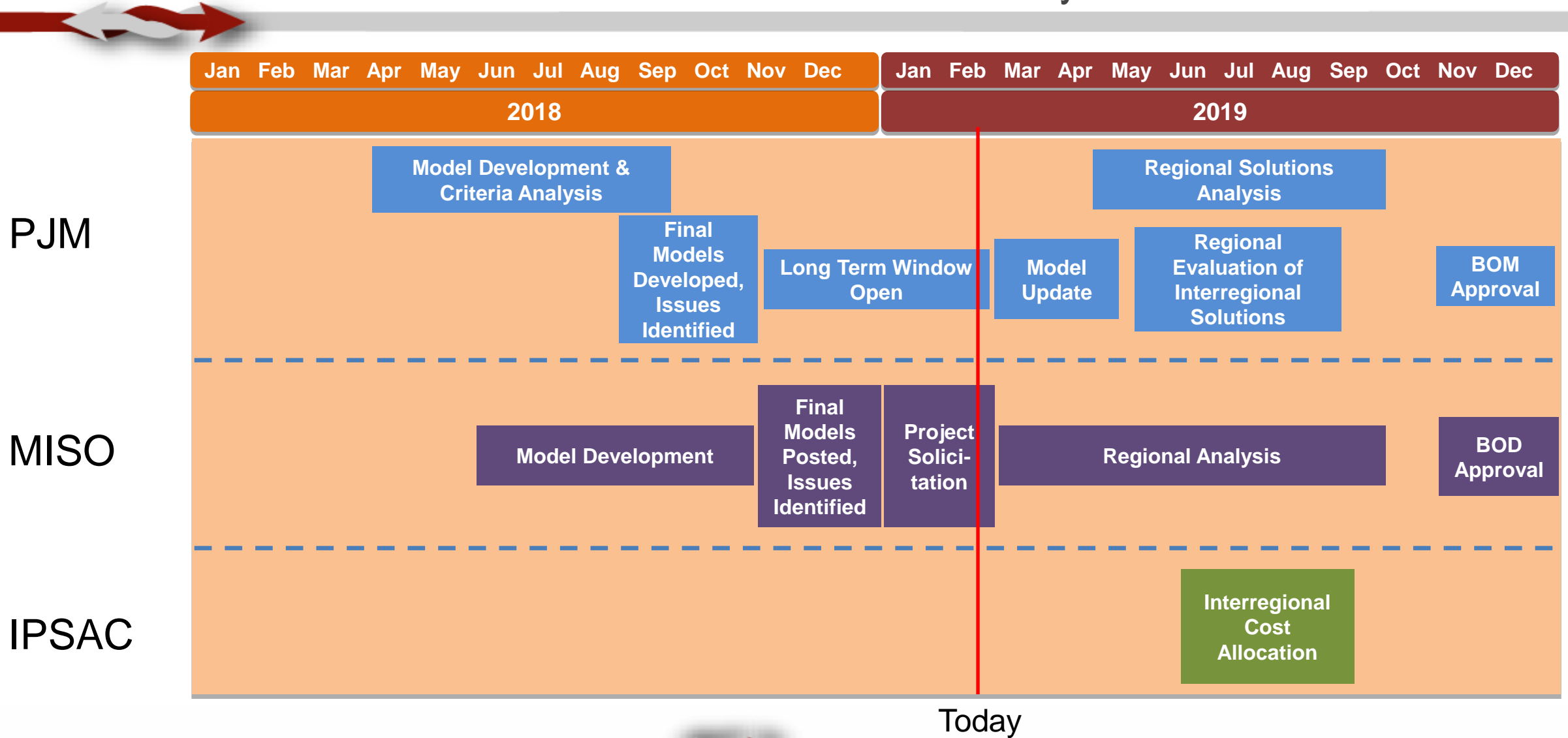
M2M Facility	Upgrade	TO(s)	Benefit	Cost	Interregional Cost Split	MTEP Project #	RTEP Project #
Marblehead 161/138 kV Transformer	Terminal equipment (disconnect switch and bus conductor)	Ameren (IL)	\$12.4M	\$175k	100% MISO	16227	N/A
Gibson - Petersburg 345 kV Line	Terminal equipment (switches, breakers, relays, bus work)	Duke/IPL	\$19.5M	\$4.3M	93% MISO/ 7% PJM	16228	b3053



- Data exchange on regional plans and issues complete
 - PJM & MISO reviewing information
- Stakeholder feedback on issues due February 27
- March 29 Annual Issues Review IPSAC
 - Regional issues & solutions
 - 3rd party issues
- Issues and plans have been discussed at regional meetings
 - PJM regional issues are presented at monthly [TEAC meetings](#)
 - MISO regional issues are presented at triannual [Subregional Planning Meetings](#)

- Two-year, 2018-2019 IMEP Study
- Each RTO has developed an economic model and identified issues for which upgrades are being solicited
 - Overlapping border issues identified by both RTOs
- Regional MEP processes ongoing
 - PJM Long-Term Window closes March 1
 - MISO Project Solicitation closes March 1

Market Efficiency - Estimated Timeline



MISO

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