



# FTR-ARR Market Enhancements (MSC-2025-5)

Market Subcommittee (MSC)

February 19, 2026

## Purpose

Discuss planned changes to MISO's FTR-ARR Market; specifically, FTR auction bid/offer curves, and Reserve Source Point (RSP) process.

## Key Takeaways

- These changes have been discussed in prior MSC meetings and the November 11, 2025, FTR-ARR Markets Enhancements Workshop
- MISO will be implementing the bid/offer curve modification for the 2026/2027 Annual FTR Auction
  - Bidding window #1 opens April 8, 2026, and closes April 9, 2026
  - Bidding window #2 opens April 23, 2026, and closes April 24, 2026
  - Bidding window #3 opens May 6, 2026, and closes May 7, 2026
- MISO will implement the RSP change for the 2026 Annual RSP Termination Submission Window by June 18 and 19, 2026

# FTR bid/offer curve change

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# MISO will be implementing the bid/offer curve modification for the 2026/2027 Annual FTR Auction bidding windows

- These changes have been discussed in prior MSC meetings and the November 11, 2025, FTR-ARR Markets Enhancements Workshop
  - Although not ideal, there is general stakeholder support for the proposed change
  - This change does not require any Tariff or BPM modifications
- Implementation begins during the 2026/2027 Annual FTR Auction:
  - Bidding window #1 opens April 8, 2026, and closes April 9, 2026
  - Bidding window #2 opens April 23, 2026, and closes April 24, 2026
  - Bidding window #3 opens May 6, 2026, and closes May 7, 2026
- MISO will post documents that detail the changes affecting the user API, portfolio formats (.csv/.xml), and other references/examples as soon as it is available
- This change will be available in the CCE environment for user testing

## Large slopes included in submitted FTR bids/offers caused a misalignment of bid/offer prices with respect to auction clearing prices

- Results from the FTR engine contained instances where awards were not properly constrained by the bid/offer curves; these awards are not valid and cannot be posted
- As a result, MISO FTR Market Administrators must perform manual validations and extra executions to remediate the issue, causing posting delays of FTR auction results
  - Execution runtimes have increased significantly, causing posting delays on multiple occasions
  - Reduces the time available for operators to refine cases during the execution window
- MISO decided to add additional restrictions to disallow bid points that create a slope bid curve and extraneous bid points
  - Maximum number of bid points is to be increased from 10, which is the current limit, to 20
  - Current 6,000 bid limit per market, per period, across both Times of Uses, will not change
- The auction bid curve restrictions added to FTR Buy Bids and Sell Offers mitigate the FTR clearing price deviation issue due to the slope of FTR bid/offer curves

# Reserve Source Point (RSP) Requirement Change

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# MISO will implement the RSP change for the 2026 Annual Reserved Source Point (RSP) process

- MISO's annual RSP termination eligibility rules and review/verification process of RSP termination requests requires documentation clearly establishing a Power Purchase Agreement (PPA) expiration or generator retirement
- MISO will implement a change to allow RSP termination for any reason by removing this requirement from BPM-004 FTR and ARR Business Practices Manual
  - This change does not apply or change the handling of LTTRs
- The 2026 Annual RSP Termination Submission Window opens on June 18, 2026, and closes on June 19, 2026
- BPM revisions effectuating this annual RSP termination change will be shared during the April 16 MSC meeting

## Contact

Anthony 'Tony' Hunziker

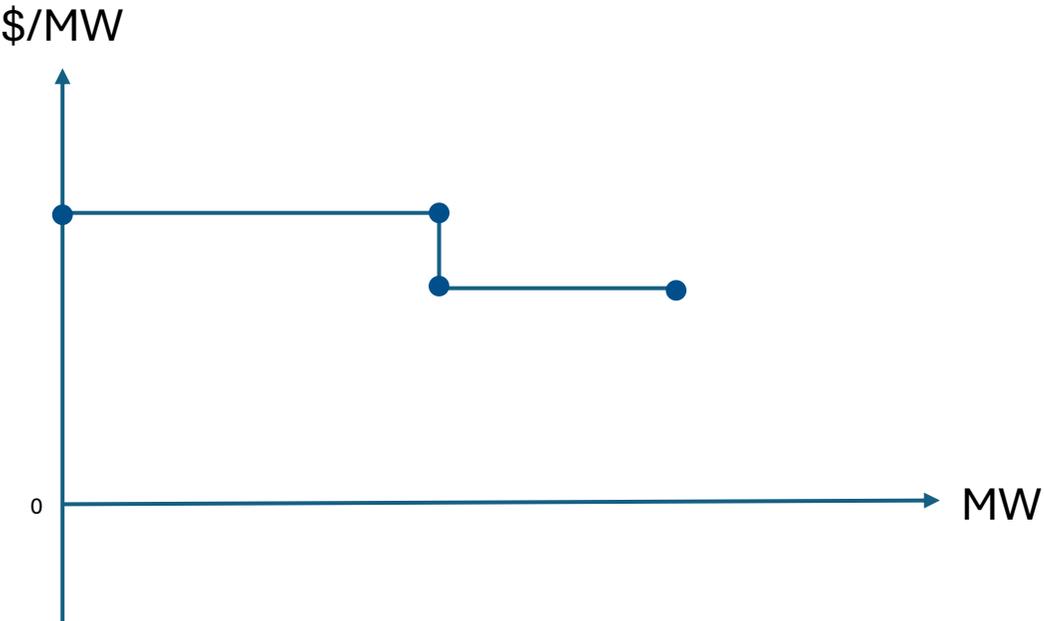
[ahunziker@misoenergy.org](mailto:ahunziker@misoenergy.org)

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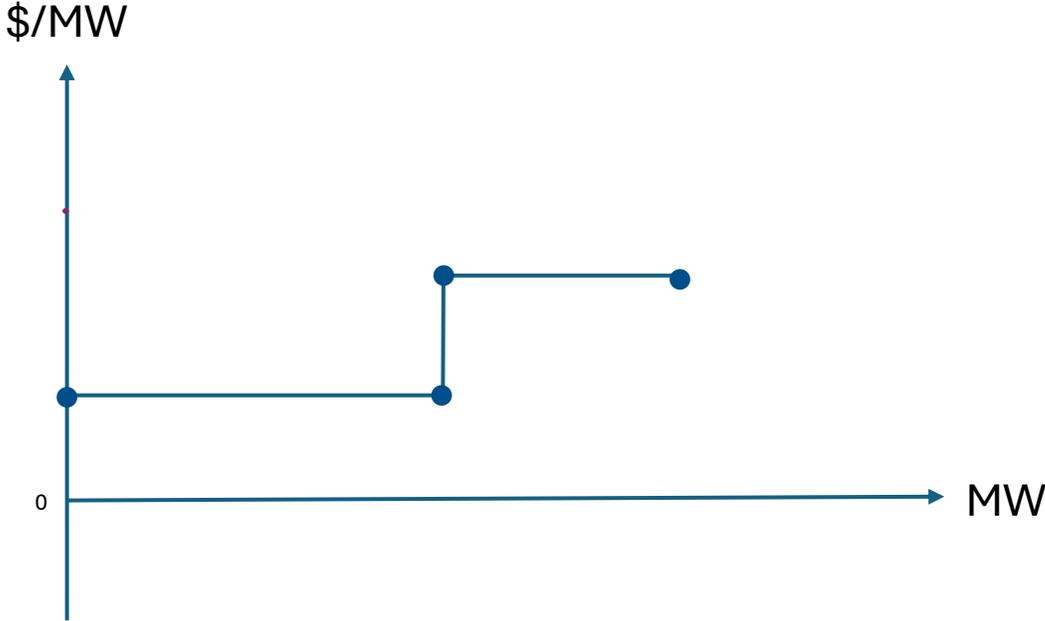
# Appendix

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# Example #1: Valid Buy Bid Curve and Valid Sell Offer Curve

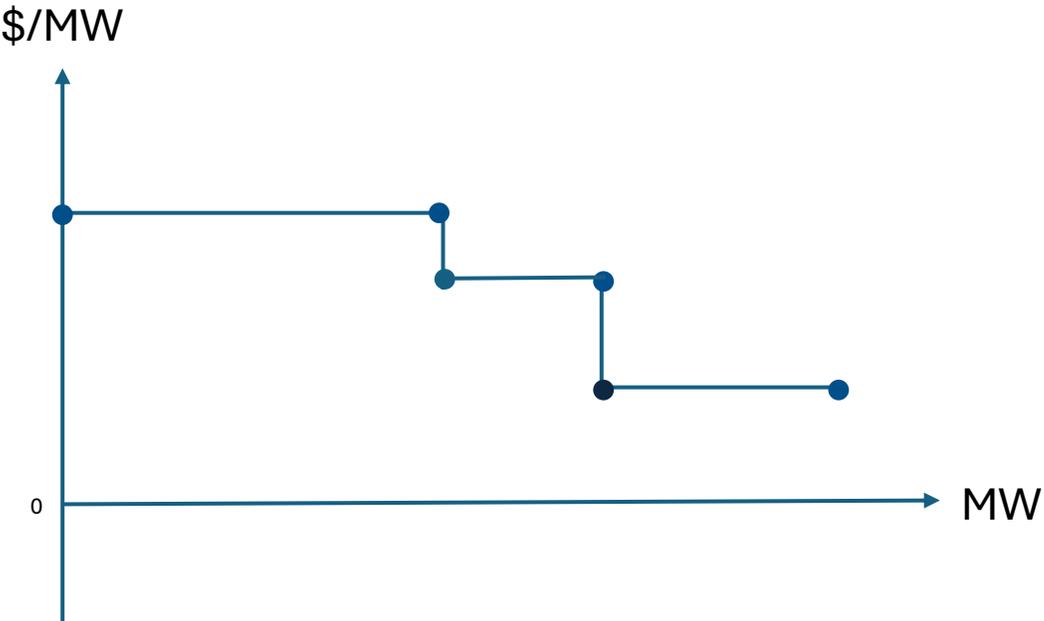


Valid Buy Bid Curve

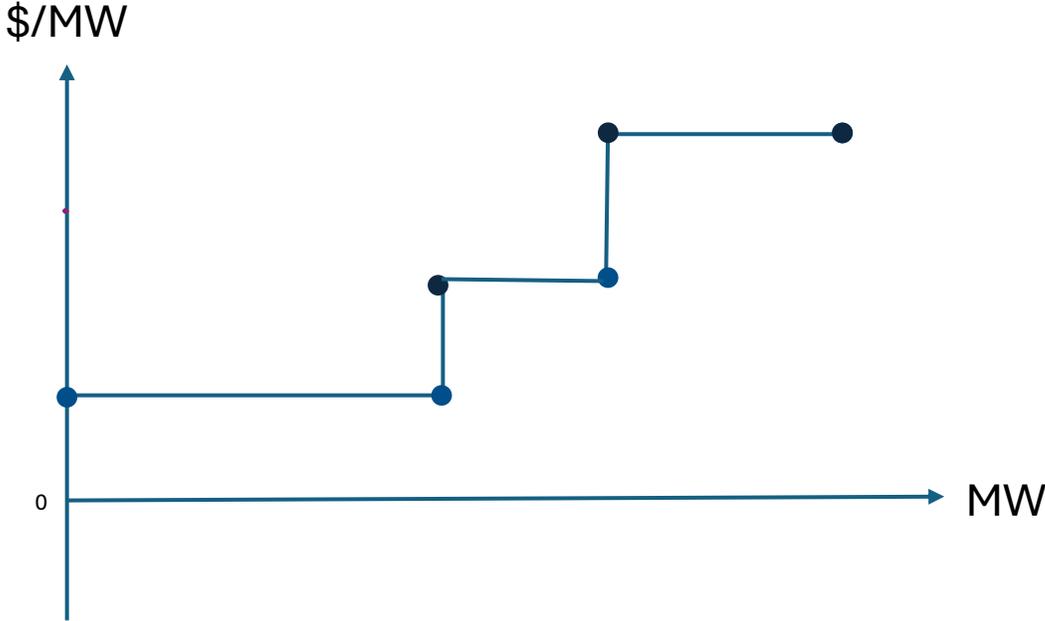


Valid Sell Offer Curve

# Example #2: Valid Buy Bid Curve and Valid Sell Offer Curve

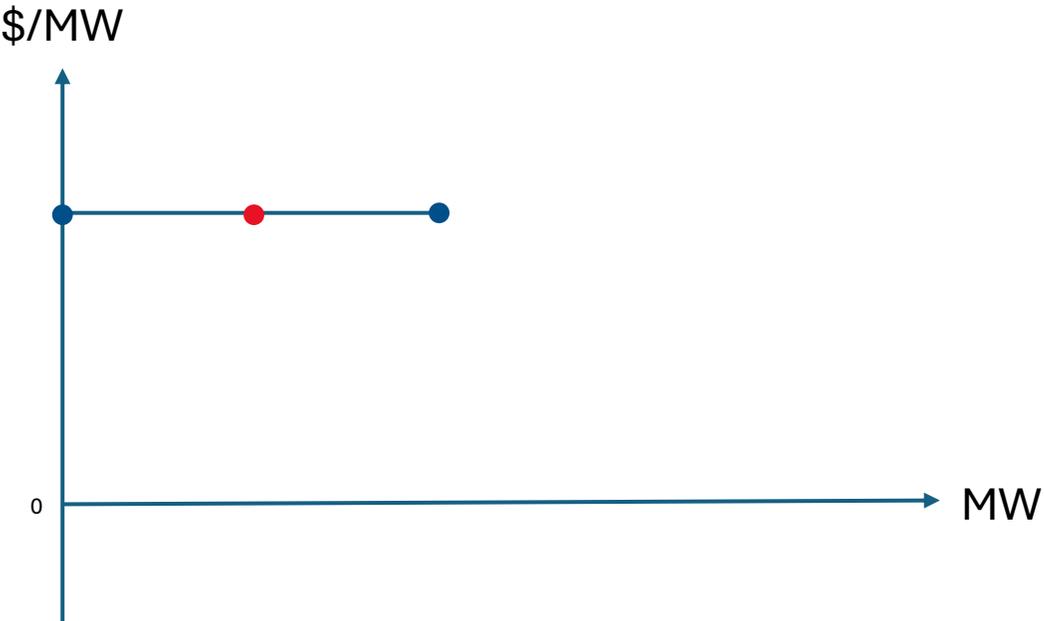


Valid Buy Bid Curve

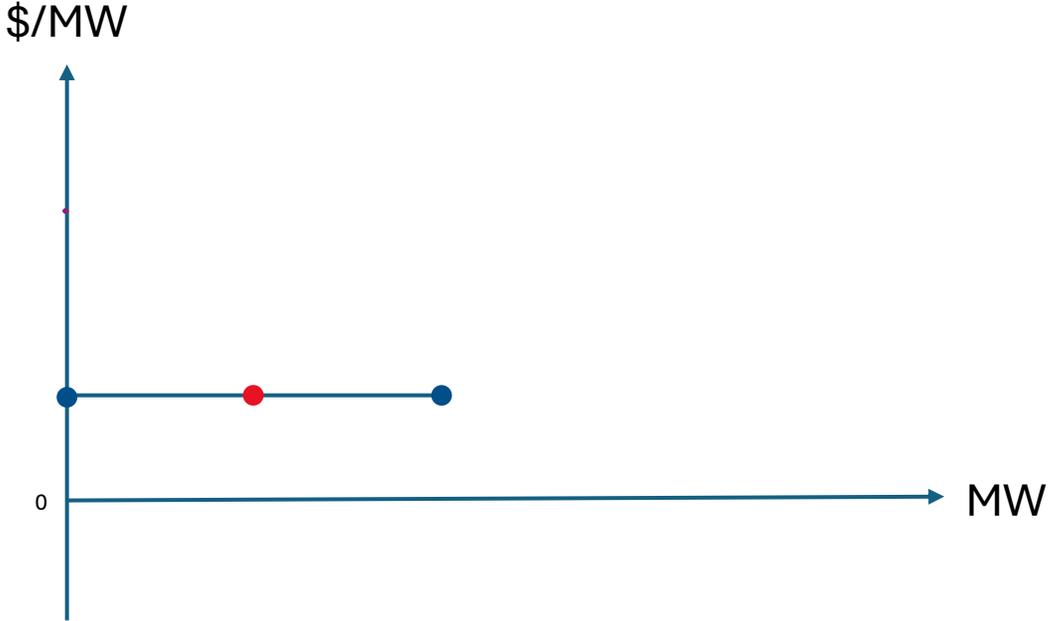


Valid Sell Offer Curve

# Example #3: Invalid Buy Bid Curve and Invalid Sell Offer Curve due to Extraneous Point in a horizontal bid segment.

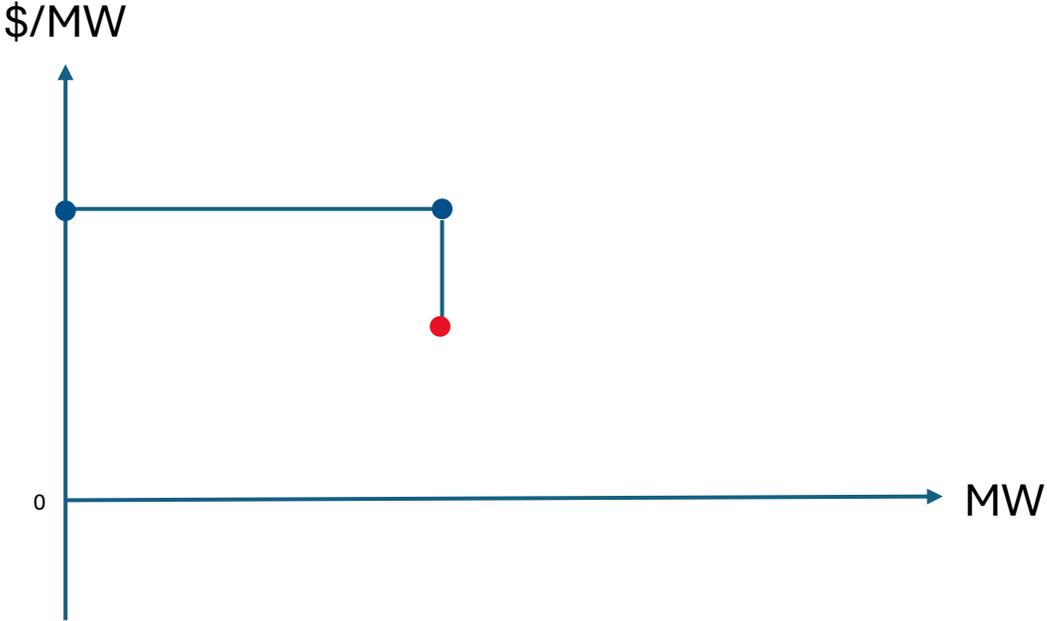


Invalid Buy Bid Curve

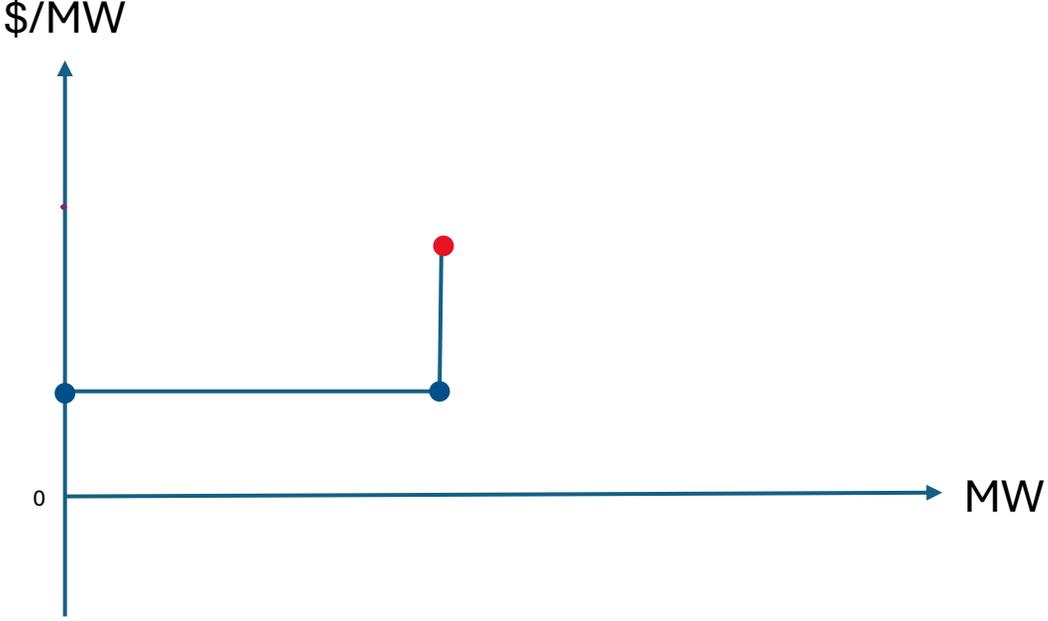


Invalid Sell Offer Curve

# Example #4: Invalid Buy Bid Curve and Invalid Sell Offer Curve due to Last Two Bid Points having the same MW value

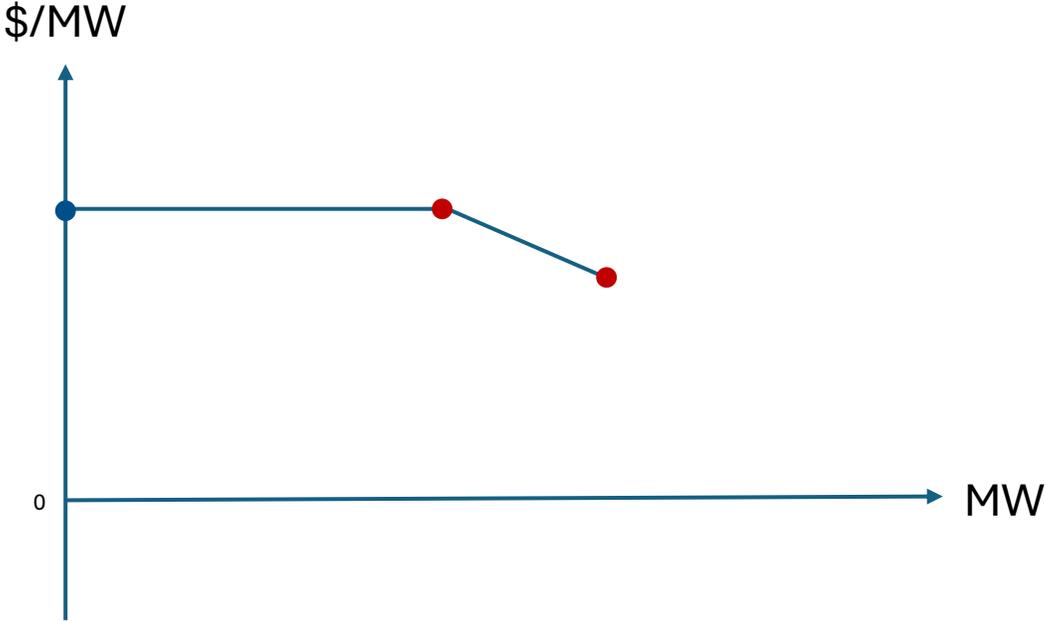


Invalid Buy Bid Curve

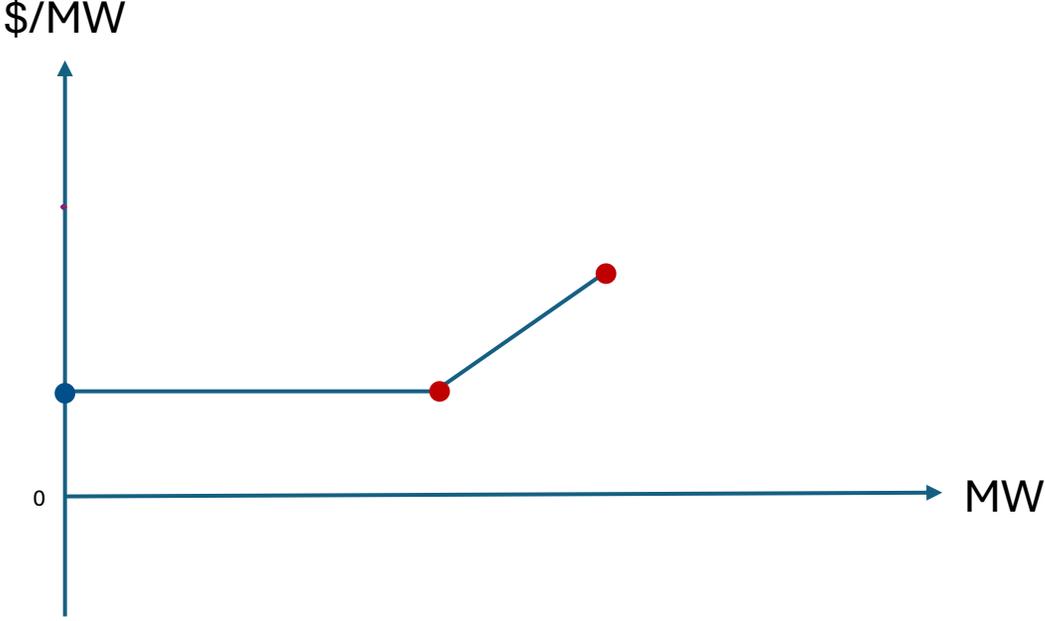


Invalid Sell Offer Curve

# Example #5: Invalid Buy Bid Curve and Invalid Sell Offer Curve due to a Slope Segment

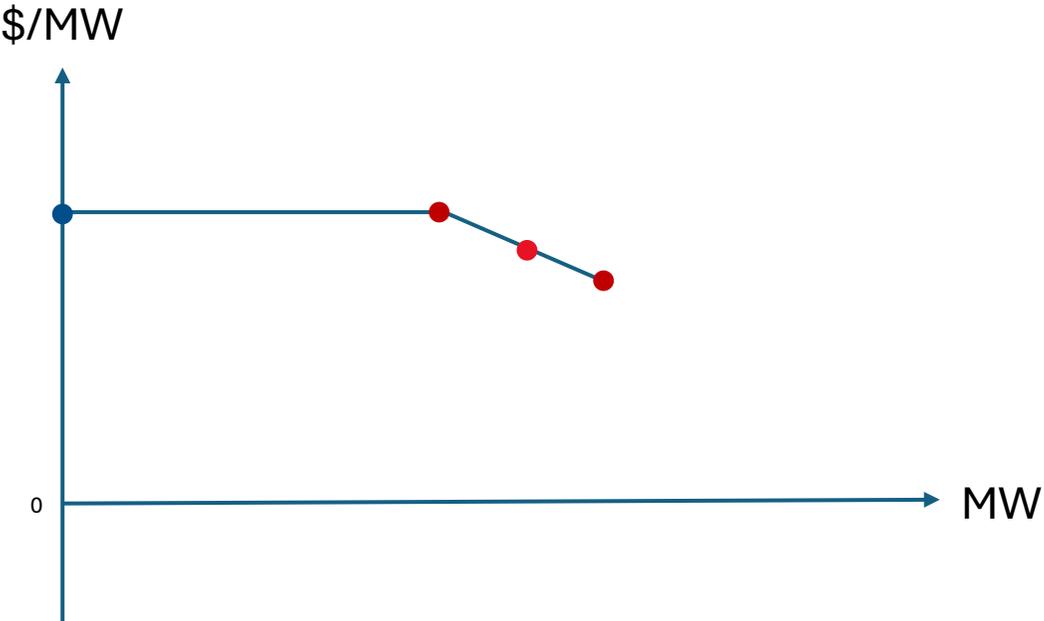


Invalid Buy Bid Curve

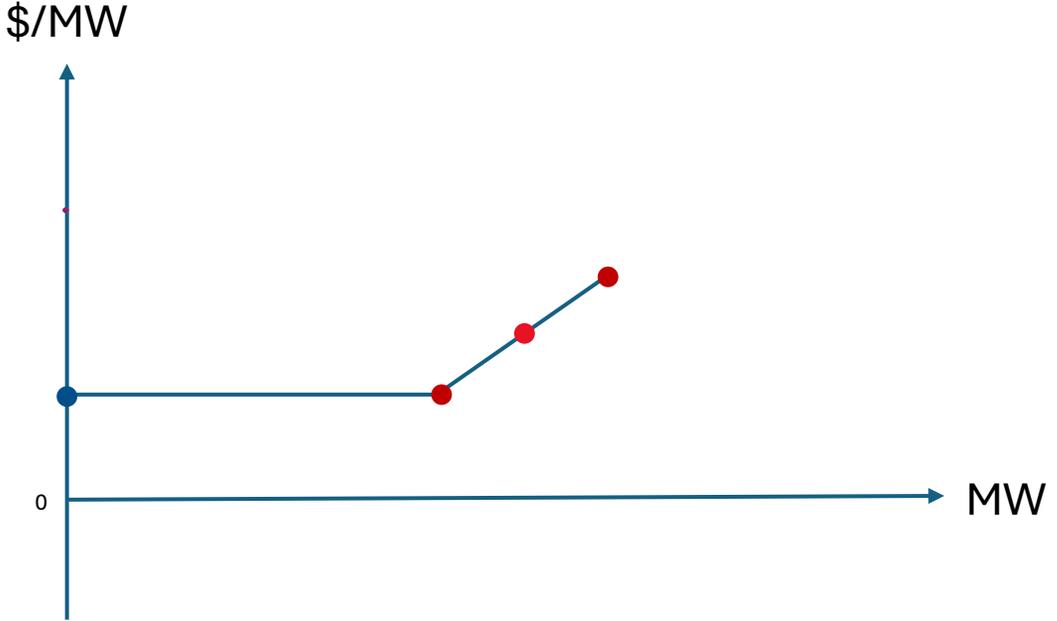


Invalid Sell Offer Curve

# Example #6: Invalid Bid Curves due to an Extraneous Bid Point that causes 2 segments to have the same slope

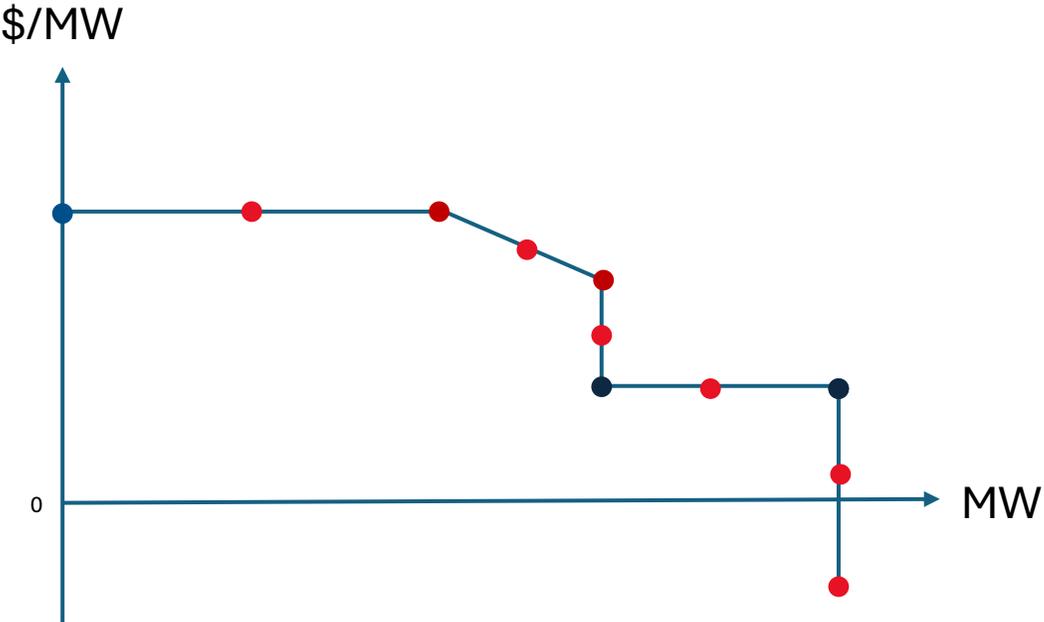


Invalid Buy Bid Curve

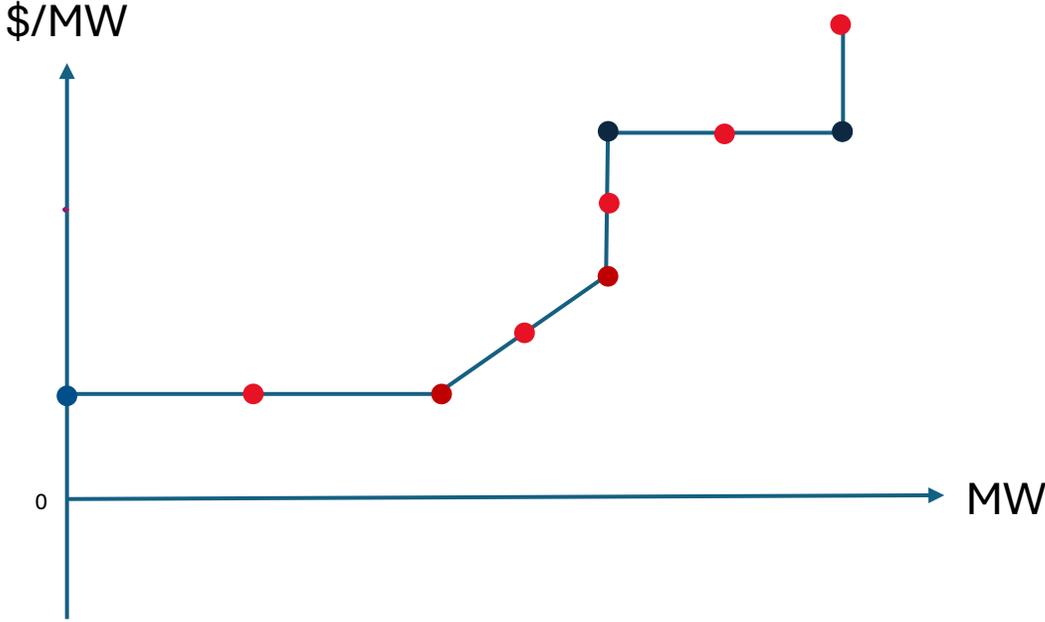


Invalid Sell Offer Curve

# Example #7: Invalid Buy Bid Curve and Invalid Sell Offer Curve with Multiple Violations



Invalid Buy Bid Curve



Invalid Sell Offer Curve