



FTR Nodal Remapping Proposal

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June 6, 2018

- January 2018 MIC approved PJM problem statement to enhance and/or document the current FTR nodal remapping procedures when a pricing node is deleted from the LMP bus model
- Current remapping process is not documented in Manual 6
 - Result is a lack of transparency and understanding
- PJM proposal is Manual 6 (only) language to document current process with an added clause for extreme circumstances

Any effective ARR or FTR source or sink that is deleted or renamed from the LMP Bus model will be remapped to the new name or available closest electrically equivalent pricing node.

In extreme circumstances, when a reasonable electrically equivalent pricing node does not exist, PJM will create a replacement "dummy" pricing node at the same location purely for pricing purposes. Only sell bids for these nodes would be allowed in the FTR auctions. When all outstanding FTRs at a dummy node expired (or were sold) the node would be terminated.

Any effective IARR source or sink that is deleted or renamed from the LMP Bus model will be remapped to the new name or a replacement "dummy" pricing node will be created at the same location purely for IARR pricing purposes.

Create a new subsection, 8.7, under the settlements section

- As a result of an LMP Bus Model update, effective FTR source or sink points may be deleted or renamed and must be remapped. Prior to each LMP Bus Model effective date, PJM will post a list of impacted FTR nodes and the corresponding replacement node. For deleted nodes, electrically equivalent replacement nodes will be determined using engineering judgement through analysis of geographic proximity and historical Day-ahead congestion pricing. If a reasonable electrically equivalent node is not available for remapping, the FTR group will create a dummy node purely for FTR pricing.
- For purposes of this new dummy node, only sell offers for these nodes would be allowed in the FTR auctions. When all outstanding FTRs at a dummy node expired (or were sold) the node would be terminated.
- Note in cases where effective Incremental Auction Revenue Rights (IARRs) nodes are deleted, a dummy node will always be created following the same logic as above.
- For renamed nodes, the replacement node will be the new name in the LMP Bus Model update. Impacted FTR source or sink points will be changed to the replacement node on the effective day of the LMP Bus Model update.

- Formal Manual 6 language endorsement at June MIC/MRC (if needed)
- Effective date will be September 1 to coincide with the following Fall 2018 LMP bus model build (usually happens mid-September)