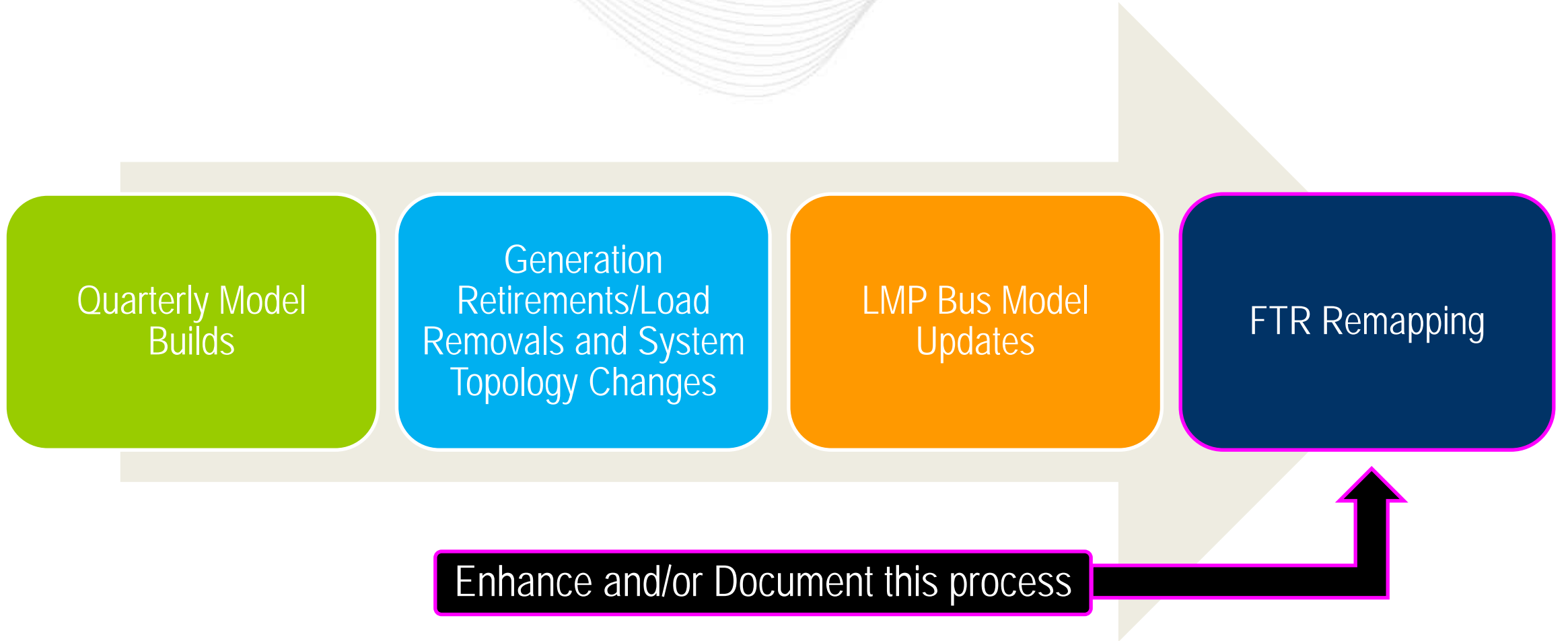# FTR Nodal Remapping

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- Problem/Opportunity Statement

- Current FTR Remapping Practices

- FTR Remapping Challenges

- Potential Alternatives

Quarterly Model Builds

Generation Retirements/Load Removals and System Topology Changes

LMP Bus Model Updates

FTR Remapping

Enhance and/or Document this process

- Identify FTR sources and/or sinks that are affected by model build related pnode deletions and name changes

- For deleted pnode remapping
  - Historical Day-Ahead congestion pricing and geographic proximity are the critical factors
  - In general, try to replace load with load and generator with generator

- Before the effective day of the model build, the remappings for FTRs that are affected by the model build are posted on the FTR section of pjm.com

- FTRs affected by model build changes are updated in the FTR system on the effective day of the model build

- Under extreme circumstances FTR holders can elect to terminate a remapped FTR

- CAISO and MISO have very similar processes
  - Termination of FTR not an option
  - MISO will create temporary pNode when close equivalent does not exist for GEN type only

- There is a separate process for Historical Generation Retirements for Stage 1 ARRs

- Retired generation for zones where total generation < ZBL will be replaced by the most economical, Capacity resource(s) that are simultaneously feasible

- This process is only applicable to Stage 1 resources found here

Pricing vs Geography

Compressed Timelines

- Terminate all FTRs where the source and/or sink is deleted due to a model build on the effective day of the model build
  - FTRs where the source and/or sink are changed to a new pnode name due to a model build would continue to be remapped to the new pnode name on the effective day of the model build
  - Analysis needed to determine historical lost FTR Auction revenue cost