Market Efficiency Congestion Driver Criteria

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Monitoring Interregional Facilities

• NERC Book of Flowgates
  – Includes permanent *existing* coordinated flowgates
  – Does not cover all possible congested facilities under study assumptions

• Need to identify potential congested facilities eligible for M2M coordination
• This proposal will extend Market-to-Market principles to the MEP congestion driver identification process
  – Ensures the benefits of upgrades will be realized in PJM energy markets
• To establish a list of external interregional facilities to evaluate PJM will employ the principles of the flowgate qualification tests outlined in Section 3.2.1 of Attachment 2 of the MISO-PJM JOA

• Qualification tests that rely on real-time topology will not be employed
Flowgate Qualification Criteria

• Current M2M flowgate listed in NERC book of flowgates
  Or
• Based on JOA Study 2) IDC GLDF
  – If any two or more generators have a GLDF of 5% or greater for a studied contingency
  Or
• Based on JOA Study 4) IDC TDF
  – If any transfer between historic PJM Control Areas have a TDF of 5% or greater for a studied contingency
Identified Congestion Drivers

• PJM must identify eligible congestion drivers
  – Not all congested flowgates are eligible congestion drivers (e.g. far outside of PJM’s borders)
• Should include ‘regional’ and ‘interregional’ drivers (flowgates)
  – No need to differentiate
• Could receive Regional and/or Interregional project proposals for either ‘regional’ or ‘interregional’ drivers
Proposed Changes to PJM Manual 14-F

- Process for identification of flowgates (potential congestion drivers) outside PJM
- Add that projects must address a PJM identified congestion driver
- Clarify posting of PJM identified congestion drivers at opening of window
- Define ‘significant’ congestion

Draft redline changes to Manual 14F are posted with the meeting material