CETL Calculation Discussion

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CETL Considerations – Current Procedure

- **External Transfers**
  - Firm external transfers modeled
  - Assumed non-firm external support up to transmission system capability

- **Emergency Conditions**
  - Assume only the Locational Deliverability Area (LDA) under study is in a capacity emergency

- **PJM internal assistance**
External Support Concerns

- External non-firm assumptions impact CETL calculations
  - Most zones (out of the 27 total zones) do not border external zones

- Dependence on external zones that are expected to be in a capacity emergency at the same time as a neighboring PJM zone
  - E.g. NYISO, Coned

- Adjustment Phase Angle Regulator (PAR) controlled interfaces
Potential Proposed Changes to CETL Calculation

• External Transfers
  – Only model firm transfers to/from non-PJM zones
  – Do not rely on non-firm assistance from non-PJM zones

• Other assumptions (unchanged):
  – Follow existing Operating/Planning protocols
    • Existing NYISO protocol
      – Firm flow allocations on 5018, ABC, JK
      – No non firm
  – Continue to maximize/optimize internal PJM support
• Propose to implement updated procedure in:

  – 2017 RTEP and future CETL Calculations for the PJM Load Deliverability Reliability Test

  – Future RPM CETL Calculations
    • Anticipate February 1, 2018 Planning Parameters
CETL Calculation Next Steps

- Stakeholder feedback
- PJM Manual 14B language update:
  - C.5 PJM Load Deliverability Procedure - Capacity Emergency Transfer Limit (CETL)
CETL Calculation Methodology Update Schedule

- Thursday May 4, 2017 – PC
  - Informational item to discuss anticipated discussion timeline
  - In response to stakeholder feedback, PJM will discuss CETL calculation methodology

- Thursday June 8, 2017 – PC – PJM discussion of CETL calculation methodology (conceptual idea update)

- July 2017 – Anticipate first read of PJM Manual 14B language