DR with Injection – Status Quo

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• Status quo based on patchwork of existing rules.
  – Manuals have limited business rules
• DR portion handled with DR rules and injection portion handled with Generation rules.
• DR is not compensated for injections – once there is no demand you cannot have additional “demand” response.
• DR that participates in regulation market and is approved to use a sub-meter may not inject power in same interval when in the regulation market
• Requirements:
  – Generator export must be approved through interconnection process
  – CSP must notify PJM of the situation before participation as DR
  – DR load reductions can be quantified (apart from Generator injections)
  – Telemetry at POI, load and generator (unless otherwise approved)
Status Quo: BtMG participation as DR (load reduction portion) and generator (for injection portion)

- Energy market:
  - Accurate CBL with associated load data (no usage threshold, etc.).
  - CBL should represent expected net load when there is no wholesale market revenue (should include typical peak shaving activity)
- Synchronized Reserve market
  - Same as today
- Regulation market
  - Same as today but may not use sub-meter
- Capacity market
  - Same as today but subject to review to ensure DR and Generator injection MWs are properly quantified.