

# FTRSTF

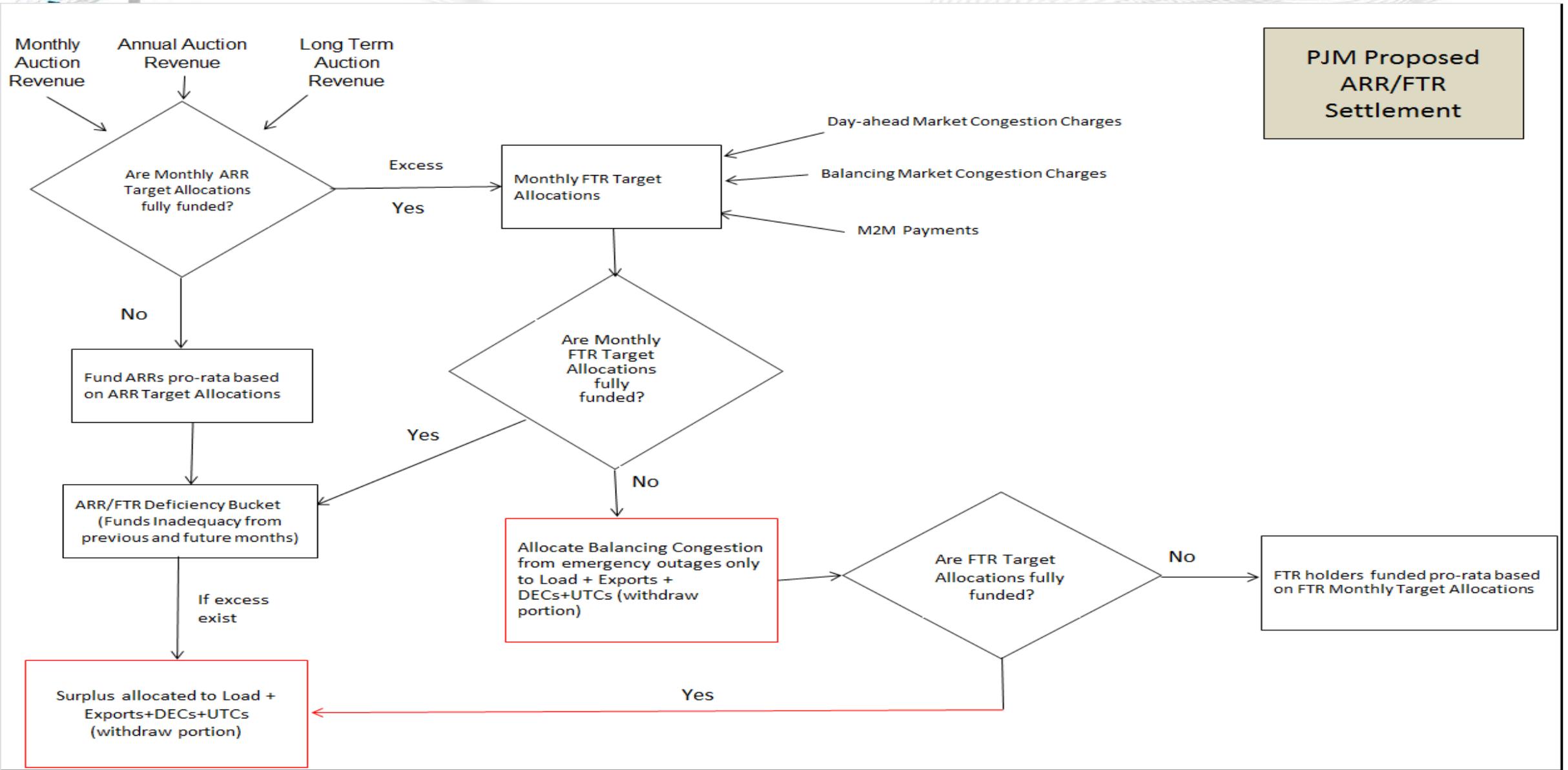
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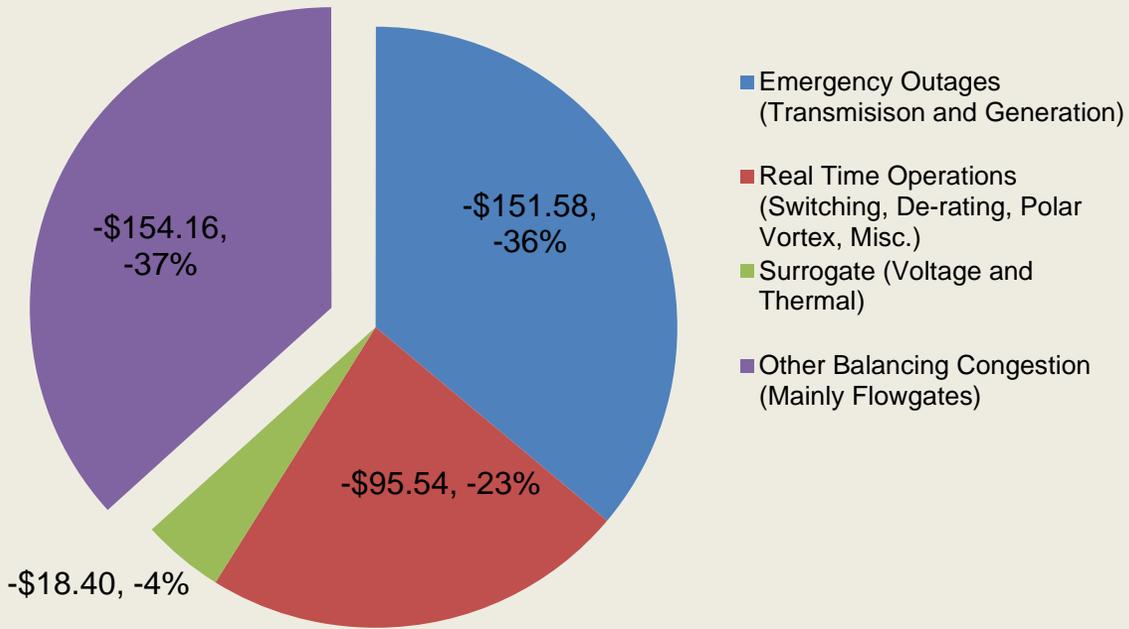
## New PJM Proposed Package – Balancing Congestion

### PJM offers a new package for settlement of FTRs and Balancing Congestion

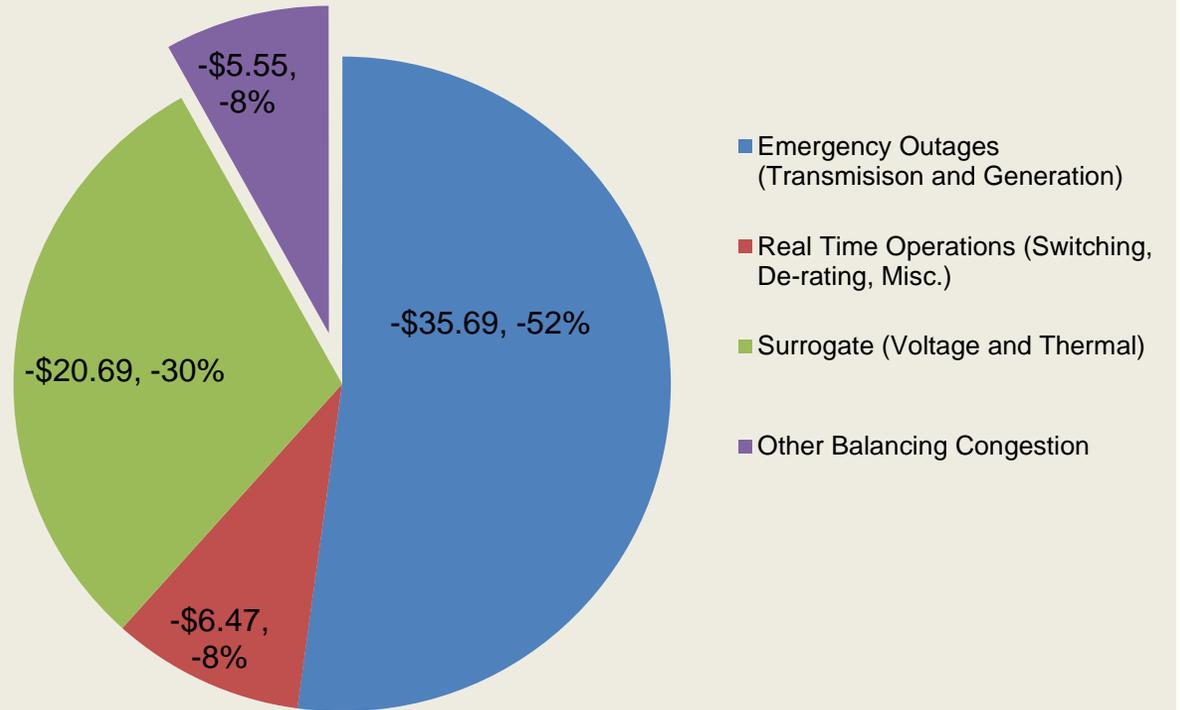
- Only Balancing Congestion(including M2M Payments) associated with Emergency Outages (Transmission and Generation) may be allocated to Load + Exports + DEC's + UTCs (withdraw portion)
  - Capped at the lesser of balancing dollars associated with emergency outages or dollars necessary to achieve 100% funding for month.
  - All excess dollars allocated to Load + Exports + DEC's + UTCs (withdraw portion).
  - All deficiencies allocated to FTR Holders pro-rata based on FTR Target Allocations.
  - Allocation of balancing congestion from emergency outages for a given month will not be used to fund previous or future months



**Balancing Congestion (\$millions)  
(2013/2014 Planning Period)  
Total=-\$419.7 million**



**Balancing Congestion (\$millions) (June 2014-November 2014)  
Total=-\$68.4 million**



## Emergency outages:

- Uncontrollable because of RT emergency transmission or generator outages. DA had no information about these outages while running the DA cases

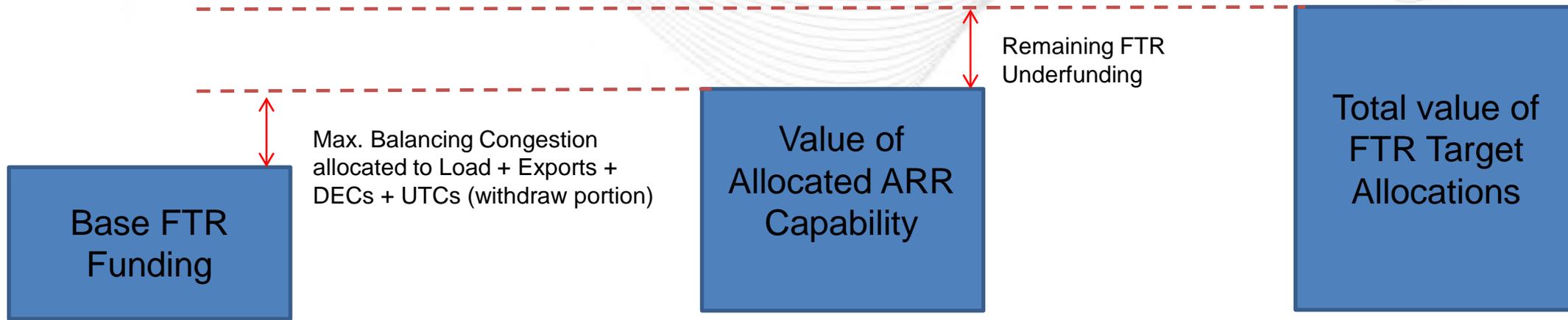
## Real time Operations:

- Uncontrollable because of reasons such as RT switching, RT de-rating of lines for transmission/generation control, and other various decisions made by operations that were necessary and not known of when the DA cases were ran.

## Surrogates

- Uncontrollable because of RT decisions to reduce ratings that were required for voltage or thermal control. This may have been necessary by Operations in order to get specific generator units to run and maybe to set price.

# Another Possible Cap on Balancing Congestion Allocation



- FTR Base Funding < ARR Annual Capability so valued difference is the maximum dollars that may be used from Balancing Congestion associated with emergency outages
- Ensures only FTRs associated with allocated ARR capacity may be funded by a subset of balancing congestion and not capacity associated with any excess monthly, long term, or annual FTRs

$$\text{ARR DA Target Allocation} = \text{ARR MWs (Day-ahead}_{\text{Sink Cong. LMP}} - \text{Day-ahead}_{\text{Source Cong. LMP}})$$

$$\text{FTR Target Allocation} = \text{FTR MWs (Day-ahead}_{\text{Sink Cong. LMP}} - \text{Day-ahead}_{\text{Source Cong. LMP}})$$

#	Design Components	Description
14	Historical Resources	Based on Historical Reference Year. Retirements replaced with oldest available resource that is in-service <b>and was offered for zone for upcoming planning year</b> that is not already a historical resource.
19	Treatment in settlements of Portfolio netting of FTRs*	Do not allow positive FTRs to offset negative FTRs within a portfolio. Treat each FTR individually.
17	Stage 1A 10 Year process	Escalation of current ARR results using zonal load forecast growth rate +1.5%
18	Report of monthly payout ratios*	Use Negative Target Allocations as increase in congestion revenue in reporting of monthly payout ratios