



Potential Alternative LM/PRD Compliance Construct for Weather Sensitive Load

September 2, 2022

Firm Service Level (FSL)

- The FSL is used to determine LM/PRD capacity compliance during Performance Assessment Intervals (PAI)
- FSL equals the Peak Load Contribution (PLC) less the resource's registered ICAP, adjusted for losses
- Compliance is achieved if metered load is at or below the FSL
- The flaw in the FSL construct is using metered load under prevailing weather conditions to compare to the PLC which is based on normal peak weather conditions
- **Out of Scope**: Monetizing more than the customers' PLC

BGE's Demand Response Programs

- BGE has participated in PJM's resource adequacy planning since the mid-1980s with demand response
- BGE manages direct load control for its residential customers' A/C
- Almost 1/3rd of our 1.1M residential customers are enrolled in BGE A/C direct load control programs
 - PeakRewards
 - Connected Rewards
- BGE's AMI deployment also included a dynamic retail rate program called Peak Time Rebate
- BGE currently offers residential capability as Price Responsive Demand (PRD) in PJM's capacity auction

Example of Weather Sensitive Load

