



Primary Frequency Response Sr. Task Force (PFRSTF) Operating Committee Update

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January 9, 2018

- Last meeting – December 20, 2017
- Detailed discussion on solution design components
 - Exception Process
 - Implementation Plan
 - Compensation
 - Performance Measurement
- Next meeting – January 24, 2018

- Tentative schedule
 - Final packages due by **January 17**
 - Currently 3 packages submitted
 - Differences are cost recovery method and small unit exemption
 - Voting between Jan and Feb meetings
 - MRC
 - March – First read
 - April - Endorsement

- Individual resource *capability* requirement to provide PFR
 - Droop not to exceed 5%
 - Deadband not to exceed +/- 36 mHz
 - Consistent with Eastern Interconnection
- Plant level Digital Control Systems (outerloop controls)
 - Utilize locally sensed frequency as input in control systems
 - Digital control systems set up to allow unit to provide PFR
- Governor equivalent Mode of Operation
 - Utilize locally sensed frequency as input in control systems
 - Governor equivalent mode of operation must allow unit to provide PFR

- No “Headroom” or “Footroom” requirement
- Applies to all small and large, new and existing resources
- Exceptions
 - Nuclear generation
 - Documented exception process similar to PLS
 - One package proposal exempts units < 20 MW
- Measured individual unit performance during selected frequency events

- 2 Possible options
 - Cost of Service structure
 - Similar to Reactive Service (OATT Schedule 2)
 - Resource owner files with FERC for cost recovery
 - Capital investment already included in CONE
 - VOM is included in CP offer