## KP1.5 Process for Deploying Ancillary Services

### Load Frequency Control (LFC) - Process for deploying Responsive Reserve Service (RRS)

1. RRS under RTC will have three sub-components
   1. RRS (PFR) provided by Gen/CLR including RRS-Gen provided by Resources under Synchronous Condenser Fast Response Mode
   2. FFR provided by Gen/Load Resources
   3. RRS-UFR provided by Non-Controllable Load Resources (NCLR)
2. Minimum 1150 MW of RRS will be procured from Gen/CLR providing Primary Frequency Response (RRS-PFR) and will respond automatically to system frequency changes. Remaining RRS up to 60% of total RRS requirement can be provided by Generation Resources, Resources capable of FFR, and NCLR.

### Deployment

1. RTC dispatch will maintain a frequency responsive headroom on Gen/CLR awarded RRS-PFR. Generators/CLRs providing RRS-PFR will automatically respond to frequency.
2. Gen Resources (including storage) and NCLR carrying FFR will automatically respond when frequency trigger is met
   1. For manual deployment, LFC will send a manual deployment instructions to Generation Resources (including storage) carrying RRS with Resource Status code of ONRR (Synchronous Condenser Fast Response Mode) and ONFFRRRS (carrying RRS as FFR capable Resources excluding NCLR).
   2. AS Manager Application will be used to manually deployed NCLR providing FFR which is a subset of RRS.
3. NCLR carrying RRS will automatically respond when frequency trigger is met.
   1. AS Manager Application will be used to manually deployed NCLR providing RRS.
4. RTC SCED will dispatch RRS capacity for energy using RRS ASDC as needed.