**RMS Assignment July 24, 2018**

**Mass Transition Biennial Testing Needs**

**Pretesting Activities and Coordination**

* + 1. TDSPs identify population of ESI IDs to be used in test.
    2. ERCOT to send 814\_03 MVI transactions to energize the ESIs with the Defaulting CR.
    3. TDSP to complete the MVIs and send the 867\_04 Initial Reads to ERCOT.
    4. CRs will need to prepare their systems to initiate competitive transactions.
    5. Mass Transition Testing Constraints
       - To appropriately establish the test bed of ESI IDs :
         * TDSPs will manually create ESI IDs
         * TDSPs will manually process MVI transactions sent by ERCOT.
         * CRs will
       - To appropriately configure the test environment, testing participants have to:
         * Manually execute some daily activities and transactional processes
       - Volume testing is an issue only in the test environment and not the production environment.
       - CRs need several days lead time to set up the ESI IDs in their test environments.
       - CRs need several days lead time to manually create competitive switch and MVI orders.
       - Additional testing resources/staff is required by all Market Participants and ERCOT.
       - Additional costs will be incurred by companies utilizing 3rd party vendors sending testing transactions on the company’s behalf.
       - Potential negative impacts to Flight Tests may be incurred due to the usage of the same test region for both the Flight Test and the Mass Transition Fire Drill testing.—typically the same resources (personnel and systems) are used for both tests.

Texas SET Recommendation

* + - * Mass Transition testing ESI ID Volume recommendation: 850/850/850/450 ESI IDs for ONCOR/ Centerpoint/ AEP/ TNMP = 3000 total ESI IDs.
      * Competitive Switch and MVI Volume Recommendation: 10% to 15% of total ESI IDs being tested.
      * 2019 Test Schedule recommendation: Because POLR and Flight Testing cannot be conducted concurrently, Texas SET recommends to conduct the test after Flight 0219 (including Adhoc) concludes and prior to the beginning of Flight 0619.

**Draft Process flows and Script—Work in Progress**

**Script With some Competitive Transactions completing**

1. ESI IDs should be energized and associate with the defaulting CR.
2. ERCOT creates the 814\_03 for the TDSP with a predetermined requested meter reading date (effectuated date).
3. TDSP responds with the 814\_04 containing a scheduled meter reading date echoing the request meter reading date from the 814\_03.
4. ERCOT sends 814\_14 to POLR (Gaining) CR.
5. ERCOT sends 814\_11 to defaulting (exiting) CR.
6. TDSP completes the Drop to POLR and sends the 867\_03F or the 867\_04 to ERCOT containing the effectuating date. Note: the 867\_02, and 810\_02 Invoices will be suppressed by the TDSPs.

**Some ESIs may have the Drop to POLR complete and some may have competitive transactions complete. If competitive transactions involved follow 6 through 11 below.**

1. Competitive CR sends 814\_01 Switch (Date Specific) requesting the same date as the Drop to POLR.
2. ERCOT sends 814\_03 to TDSP.
3. TDSP sends 814\_04 containing a scheduled meter reading date echoing the request meter reading date from the 814\_03 (Not on a Sunday or Holiday)
4. ERCOT sends 814\_05 to Competitive CR.
5. If both the Drop to POLR and the competitive request (MVI or Switch) are scheduled for the same or a prior date, then ERCOT sends the 814\_08 to cancel the Drop to POLR.
6. TDSP completes the Competitive Switch and sends the 867\_03F or the867\_04 to ERCOT containing the effectuating date. Note: the 867\_02 and 810\_02 Invoices will be suppressed by the TDSPs.