ERCOT DYNAMICS WORKING GROUP (DWG)

March Report to ROS

**DWG Update**

DWG met February 13-14, 2018

1. **NOGRR 174 Review**
	1. DWG reviewed NOGRR 174. In general, DWG did not find any issues with the NOGRR; however, there was discussion about the proposed testing interval. ERCOT brought up concerns with inverter based generators only being tested 10 years after commissioning and plans to propose alternative language to require the first test 5 years after commissioning. DWG supports ERCOT’s proposal of requiring new inverter based generators to have a verification test 5 years after their commissioning, and then move these generators to a 10-year test interval.
	2. For conventional generators, they are on a 10-year test interval since the technology is well known and the model parameters do not change significantly. DWG sees no reason to object to this proposal.
2. **Discussed 2018 Flat Start Case Building**
	1. Due to the recent retirement of 4700 MW of generation, the case building is delayed to make those modifications. The target deadline is now on 3/9.
3. **Discussed Dynamic Load Model Issues**
	1. ERCOT held a dynamic load workshop to discuss issues related to the composite load model on 2/14.
	2. Further discussion will continue in future DWG meetings.
4. **Model Verification and Performance Need for Transmission Dynamic Elements**
	1. ERCOT proposed the idea to require TSPs to perform model verification to ensure transmission dynamic elements are performing as expected. The dynamic elements include SVCs, STATCOMs and synchronous condenser, etc.
	2. Further discussion will continue in future DWG meetings.