**Regional Planning Group**

**Meeting Notes**

**June 20, 2017**

**Misc. Updates**

Jeff Billo, ERCOT:

* NERC is going to release an “Integrating Inverter Based Resources into Weak Grid” Guideline. It is coming out in the next month or two.
* In August 2016, there was an event called the Blue Cut Fire Event in California. There were fires and faults on the 500kV lines. As a result of the faults, there were 1,200 MW of solar that dropped out. NERC put together a task force to look at root causes of that event. Since that event there has been several events, including an event last week where 800 MW was lost. They found two issues, one is how the inverters measure frequency and the other is how they handle voltage ride through. NERC is assembling another task force to solve the problems found.

Q: (Walter Reid, Wind Coalition): Regarding NPRR562, do we have a firm schedule? Do we have a market notification process plan?

A: (Jeff Billo, ERCOT): We have been working with ERCOT Operations and doing operator training. There will be a market notice sent out.

Q: (Walter Reid, Wind Coalition): On the various outages that are being planned in the Panhandle, is that work done and posted?

A: (Jeff Billo, ERCOT): The Panhandle GTC Study is being updated. It is in internal review in the process; when it is complete it will be posted.

Q: (Brett Rollow, PEG): Any updates on the ERCOT MISO Study?

A: (Prabhu Gnanam, ERCOT): MISO is still trying to come up with the model. We have a meeting scheduled later this month, so I will have an update then.

**2018 LTSA Scenario Development Workshop**

Sandeep Borkar hosted the second 2018 LTSA Workshop. The first workshop was held during the May RPG Meeting. This workshop included breakout sessions for the Market Participants.

Q: (On Slide 4): How is the reserve margin used in the software?

A: (Doug Murray, ERCOT): We can fix the planning margin at any number we choose, and the model will build to that margin or we can leave it out and the model will build to economics.

Q: What has the practice been?

A: (Doug Murray, ERCOT): We have done it both ways, but for most of the scenarios we have not have a fixed margin.

**Freeport Master Plan Project IR Scope**

Ajay Pappu presented on the study scope of ERCOT’s Independent Review of the Freeport Master Plan Project.

Q: In the study, we had considered the 345kV maintenance outage scenarios. Will you be looking at that?

A: (Ajay Pappu, ERCOT): Yes, it is one of the key points of this particular load that is being added to the system.

**RPG Process NPRR and PGRR**

Jeff Billo presented on the proposed changes to the RPG process.

Q: (Cyrus Reed, Sierra Club): (On changes to Tier definitions) Why one hundred million, why double?

A: (Jeff Billo, ERCOT): We looked at Transmission Cost estimates, especially on the 345kV lines. Cost estimates for 345kV lines have gone up significantly. Also, when we look at look at the projects that are coming in between $50-100 million, they aren’t as significant of projects.

Q: Have you touched base about raising the threshold with TDSPs?

A: (Jeff Billo, ERCOT): Yes.

**2017 RTP Sensitivity Analysis**

Priya Ramasubbu presented the input assumptions and scenarios for sensitivity analyses for the 2017 RTP.

Q: (Walter Reid, Wind Coalition): On Slide 3, there is a number of things listed as potential stressors that should be considered. Are we anticipating additional options that would hit some of the bullets?

A: (Priya Ramasubbu, ERCOT): We did look at some of those options and we had an internal discussion. It looked like those scenarios were not stressing the system enough.