



Duke ISOP Stakeholder Webinar 2 - Session Notes

Tuesday 3/3/2020, 1:00 PM EST

Agenda:

- Brief recap of ISOP themes and processes and Webinar 1
- Distribution Screening Process
- Distribution DG Guidance Map

ISOP Stakeholder Process

- Duke will share a copy of the slides with a link to the recording after the webinar.

Distribution Screening Process

- **Luis Martinez (NRDC): You mentioned demand response, but are you also planning to look at how energy efficiency can be a non traditional solution.**
 - Yes, we are planning to also look at energy efficiency. The major difference is the ability for each to be dispatchable. The locational value aspect will also be important to consider between the two technologies.
- **Steve Frank (Corning): Are you looking at PJM or ERCOT as examples and how they are doing demand response to form your own program? How will stakeholder input be incorporated?**
 - Yes, we look at DR programs in markets. It will be a little different for vertically integrated utilities, but the goal is to be able to incorporate the best aspects of market DR programs. Duke is on the cutting edge by working to attribute additional value to those programs.
 - On stakeholder engagement, we'll be presenting on the topic of ISOP at the upcoming March 19th Carolina Collaborative meeting. That forum will be the best opportunity to better understand and ask questions about how to best engage in the process and work together in the future.
- **Robert Beadle (NCEMC): How is the age or physical condition of transformer banks and feeders evaluated when deciding on replacement vs. NTSs?**
 - If there is already aging equipment, that may make it a tough candidate but it doesn't mean Duke won't consider it. But generally, age and physical conditions is something Duke will be considering.



Distribution Guidance Map

- **Michael Jung (Varentec): How does voltage optimization fit into NWA outlook?**
 - The voltage parameters are studied in more detail at a local level. NTS and NWAs may provide opportunities to support voltage optimization e.g. dispatchable resources with variable voltage control, but that isn't something that is expected to impact the DG Guidance map.
- **Robert Tucker (SEPA): How does the DG Guidance Map compare to hosting capacity maps offered by utilities in other states?**
 - We think our approach will help developers steer clear of areas that require detailed studies. This is a way to meet the key and basic needs of the development community, without pursuing the more data and computationally intensive hosting capacity maps provided in other jurisdictions. We're trying to strike a balance of not oversharing detail from a security perspective, but still provide information that is useful. The idea is to highlight areas without identifying actual grid infrastructure.
- **Luis Martinez (NRDC) How would a DG map interact with the potential deployment of electric vehicles across the system?**
 - At a basic level, the DG guidance maps should also allow us to garner a better understanding of our system and how that could impact other DER such as EV charging infrastructure deployment. However, that is an analysis capability that needs further development.
- **Robert Tucker (SEPA): How often will the DG Maps be updated?**
 - Still working on a refresh frequency. We want to make sure its aligned with the Transmission red zone maps, but we want to be able to update the refresh frequency to meet stakeholder needs in the future.

Closing Remarks

- **PJ Klein (Corning): Is there a risk of cancelling IRP forum on March 17 due to the coronavirus? I have not see any public statements from Duke Energy.**
 - We take H&S seriously. Our H&S team is in touch with officials. Right now we are proceeding but watching very closely and will following guidance of officials.
- **Steve Frank (Corning): Where do find the registration information for any of these events?**
 - Please email Duke at the ISOP Engagement email. And as Mark mentioned we have two upcoming events. The invitation has gone out for Columbia and forthcoming for Raleigh.