



Q&A from “Enhancing Operations Management with Location Technology”

Melissa Mayo (Alabama Power), how big is your organization to support and create these mobile tools and WebApps?

I have two FTE’s on my team and currently two Leased worker positions to support the geospatial needs for APC’s Transmission groups.

Alan Bradshaw (Dominion Energy), what did it take to put those dashboards together and how long did it take?

The actual task of creating a dashboard doesn’t take very long. But developing a set of dashboards that provide key operational information and perspective is a journey. I do recommend investing the time to bring key stakeholders together to identify the questions that need to be answered and then prioritizing accordingly. Secondly, it’s extremely important to document where the data comes from, what it means, how often it refreshes, etc. – this is important to ensure everyone knows what the dashboards are actually presenting. Lastly, I would say that starting small is okay. Once we got a handful of dashboards in production, the ideas really started flowing and we really haven’t stopped developing since we started in late 2019.

Alan, congratulations on an impressive storm response - What other data are you looking to operationalize?

We continue to find new and relevant opportunities for displaying data. A few that we are currently working on include:

- Development of a “Tracker” process and dashboard that will provide visibility of the location of off-system crews as they approach our service territory. This will allow us to better plan for their arrival at processing centers and also true-up estimated times of arrival so that we can plan work assignments accordingly
- One of the most important jobs in a restoration effort is securing lodging. We are working on a dashboard that will help us monitor our daily progress towards securing lodging for crews and support personnel. We are also working on a app that will help us visualize the location of approved lodging locations within defined distances from staging centers and work locations
- An aspirational project would be to utilize satellite imagery that may become available shortly following the largest storm events and then overlay our distribution GIS model in an effort to augment our damage assessment process.