



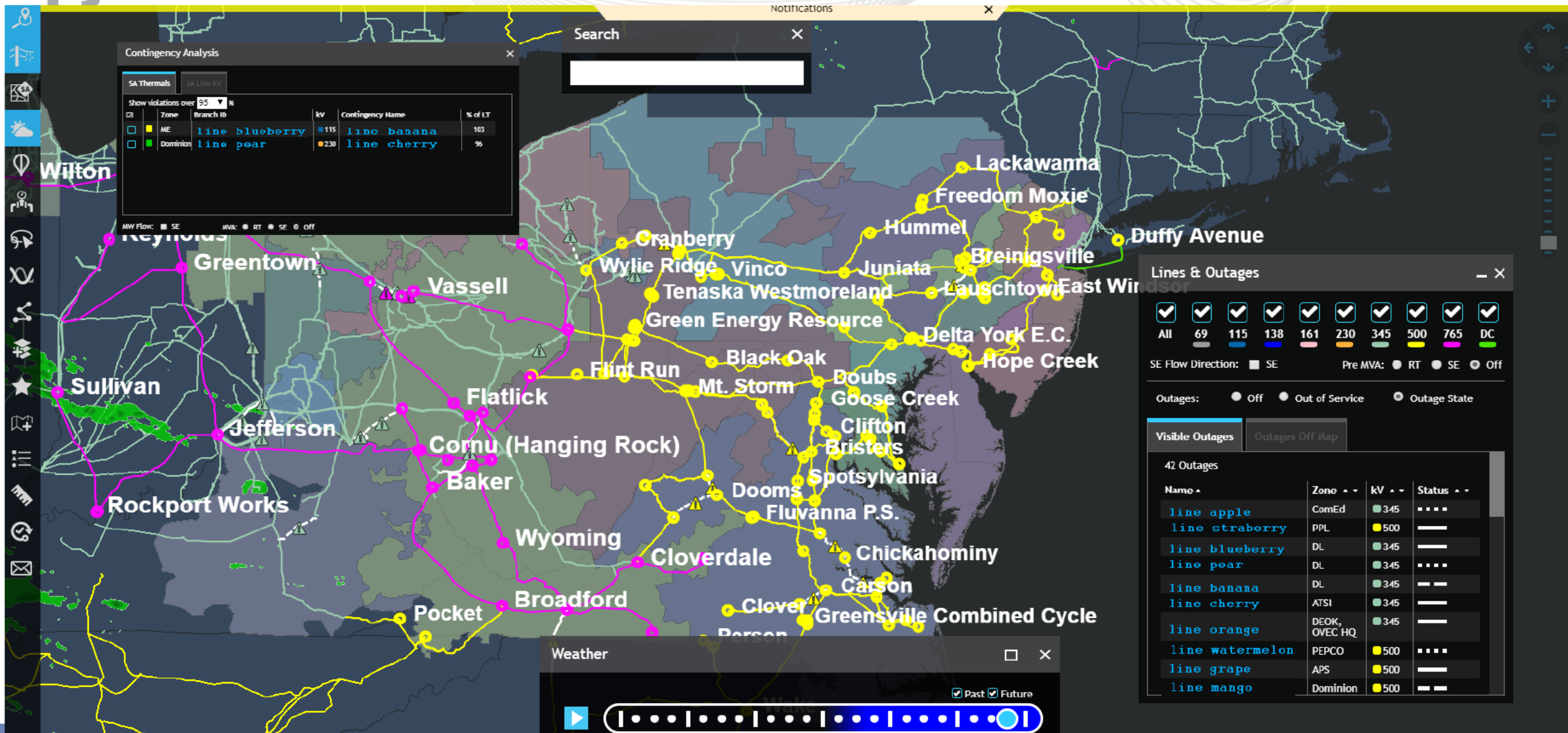
Dispatch Interactive Map Application Situational Awareness Tool

MC Consent Agenda

Ed Kovler, Sr. Lead Business Solutions Architect

Members Committee
September 17, 2020

1. Education: Dispatch Interactive Map Application (DIMA)
2. Why DIMA for TO's?
3. Stakeholder Process & Implementation Timelines
4. OA Revisions



- Originally implemented in 2014 for PJM dispatchers
- PJM continues to invest annually in new features and functionality
- Paradigm shift from tabular to geospatial views
- Allows the user to layer relevant data
- Intuitive interface
- Read only – no grid control
- Supplemental to PJM EMS, eDART, and other systems
- Purpose is to improve situational awareness with access to information at a glance

- DIMA Transmission Lines and Substation Locations
- Transmission Line Status and eDART Tickets
- Contingencies: SA Thermals
- Real Time EMS Data
- Syncrophasors
- Natural Gas
- Weather Overlays
- Critical and Black Start Units
- Intuitive Search
- Other Usability Features

- Started because several TO's requested access to DIMA
- Purpose is to provide participating TO's enhanced situational awareness tools
- A visualization tool with the same EMS restrictions
- A Geospatial solution allowing the user to layer relevant operational information
- Provides the user with real time grid status at a glance



Stakeholder Process Timeline





Implementation and Rollout Plan

Milestone	2020				2021	
	Sept	October	November	December	January	Feb +
Implementation Phase						
Purchase licenses	◆					
Implement internal infrastructure		▬				
Implement external infrastructure		▬				
Develop code		▬				
Testing (Unit, Integration, Regression)			▬	▬	▬	
Deploy code Stage / Production				▬	▬	
Implement single sign on			▬			
Perform penetration testing					▬	
Update code to meet security requirements					▬	
Rollout						▬
Conduct Customer Testing						▬
Conduct Customer Training						▬

SME/Presenter:

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Dispatch Interactive Map Application (DIMA) Situational Awareness Tool



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