

Dispatch Interactive Map Application Situational Awareness Tool

First Read: Quick Fix Issue

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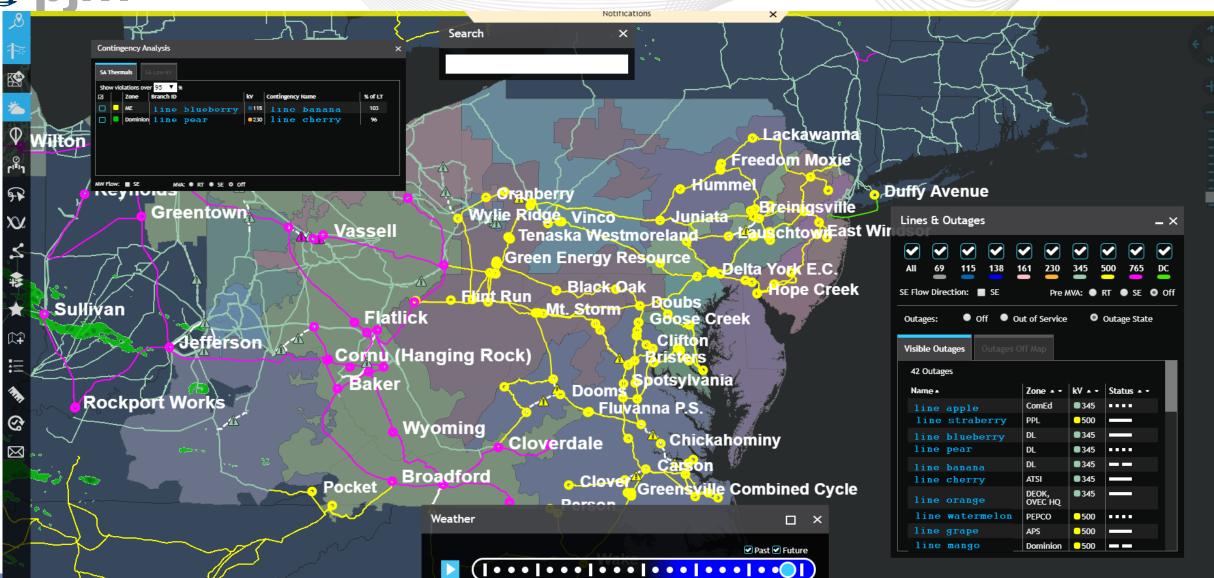
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- 1. Education: Dispatch Interactive Map Application (DIMA)
- 2. Why DIMA for TO's?
- 3. Stakeholder Process & Implementation Timelines
- 4. Opportunity Statement & Issue Charge
- 5. Review Proposed OA Revisions



DIMA Geospatial Overview





- 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 Features and Data Overview

- 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

	2020										
Milestone	April	May	June	July	August	September	October	2020 - Ma	rch 2021		
Stakeholder Process Phase											
TOAAC Vote	1										
MC Webinar		26									
OC 1st read: Issue Charge			4								
OC vote: Issue Charge & Solution				9							
MRC 1st read: OA Language				23							
MRC vote: OA Language					20						
MC Consent Agenda: OA Language						17					
FERC Filing							60 Days				
FERC Order											
Implementation Phase							•	5 Months			



Implementation and Rollout Plan

		2020				21
Milestone	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						



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