

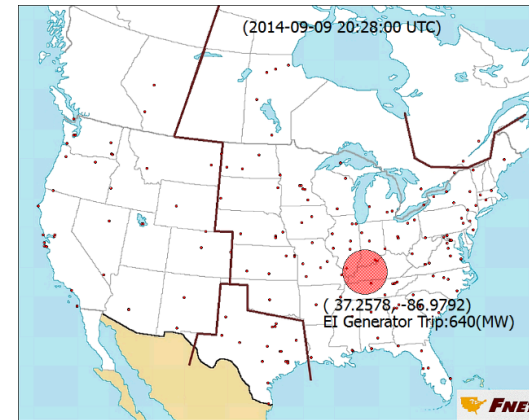
The FNET/GridEye system is a unique wide-area grid monitoring network deployed and operated by the University of Tennessee.



Frequency disturbance recorders (FDRs) are used to measure frequency, phase angle, and voltage of the grid.



Worldwide Monitor Deployment Map



Estimation the location based on the propagation delay.

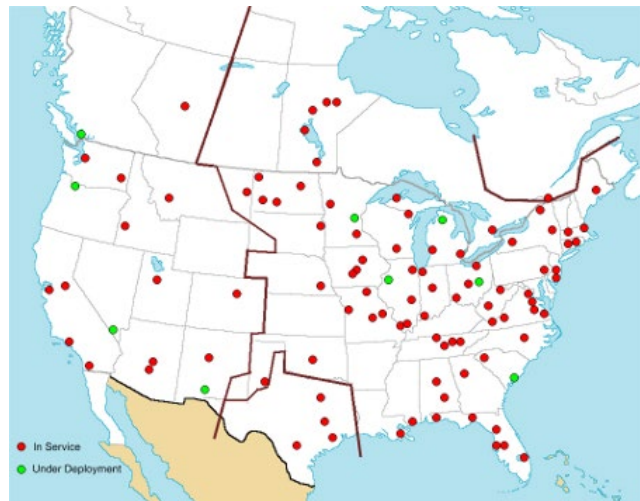
FNET/GridEye Applications

- Generator trip alerts
- Data center trip alerts
- Oscillation alerts
- Inertia monitoring
- Time error tracking
- Post event analysis

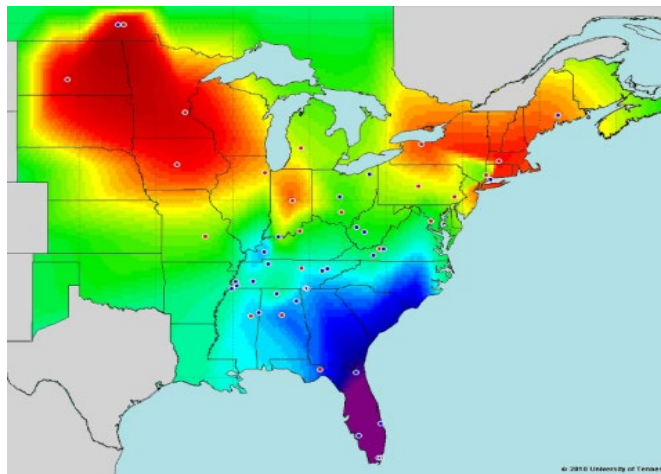
Point of Contact



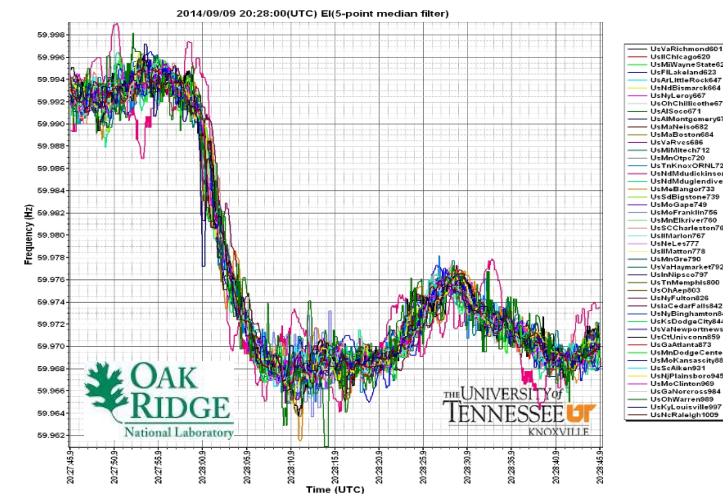
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FDR Deployments within the United States



Visualization of a power system event using the gradient map



Event detection detects generation tripping, load shedding, and line tripping in real-time.