

Task Team Goals

NERC NASPI

Planning Implementation Task Team

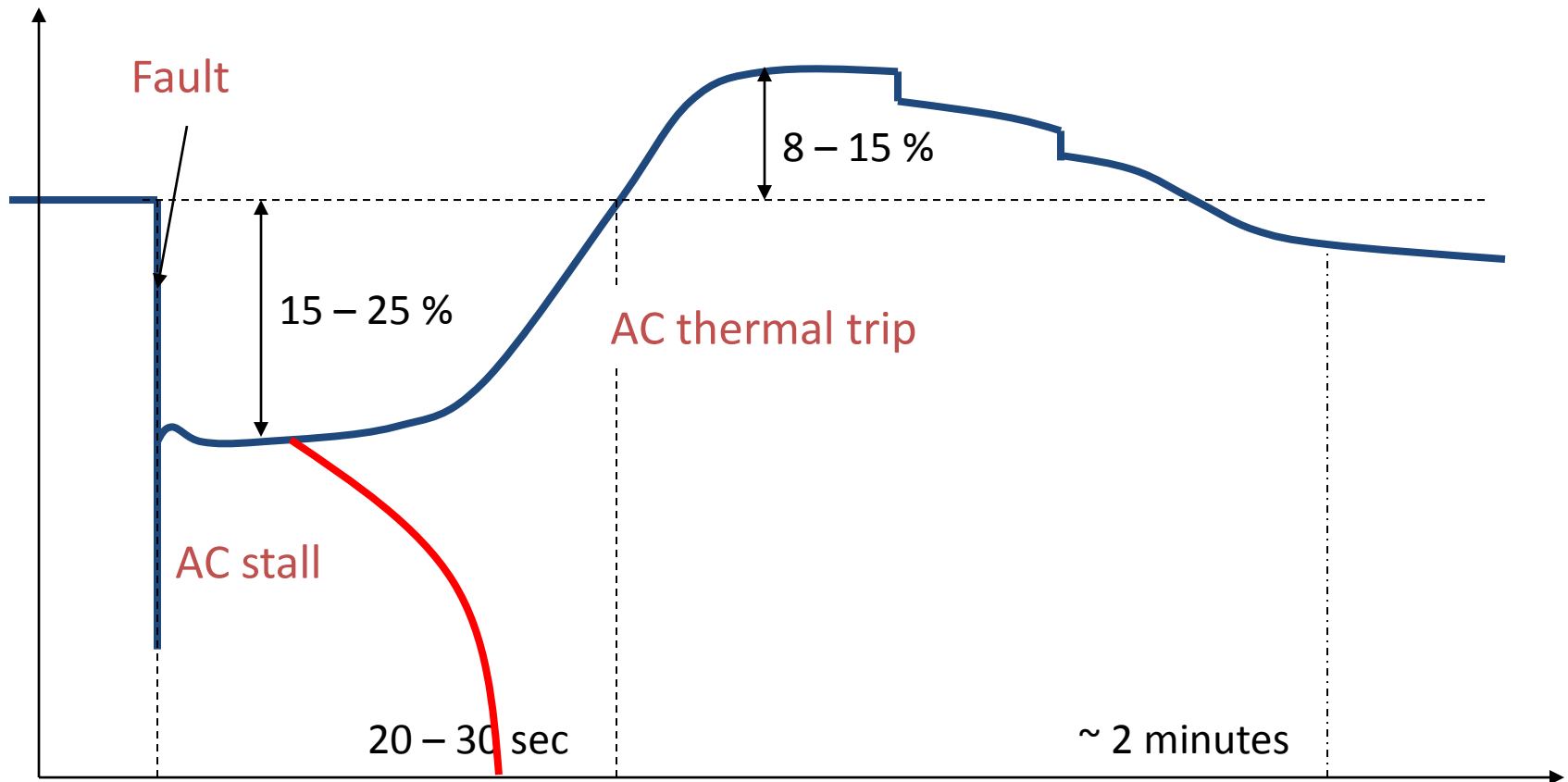
June 2012

PITT Goals

- Power system performance baselining, data mining, event analysis
 - Voltage stability analysis
 - Oscillation analysis (Inter-area oscillations, Forced oscillations)
 - Frequency response analysis
- Synchro-phasor data validation and conditioning
- Model validation
 - Power plant model validation
 - System model validation
 - Load modeling and characterization
- Technical studies to support the development of operating procedures

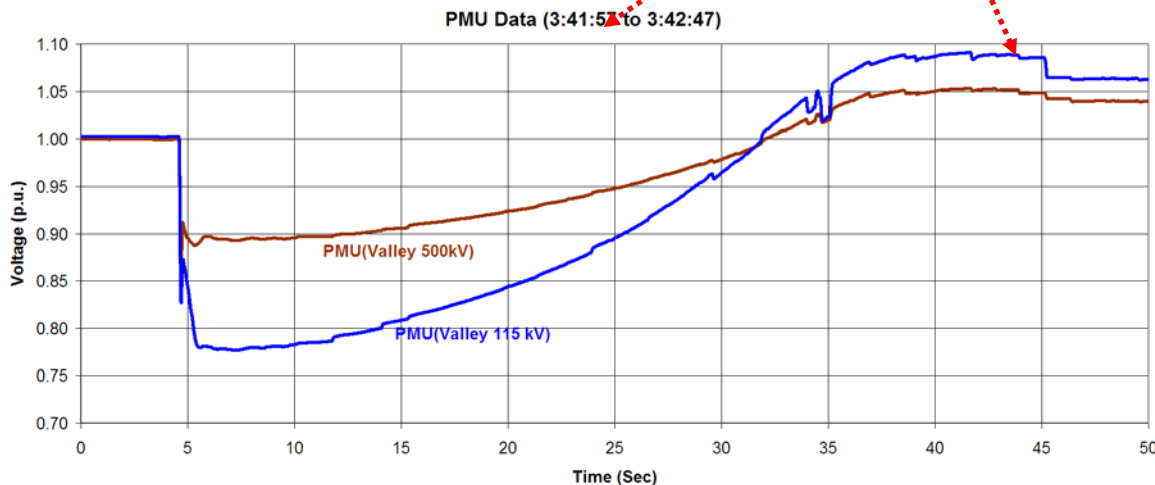
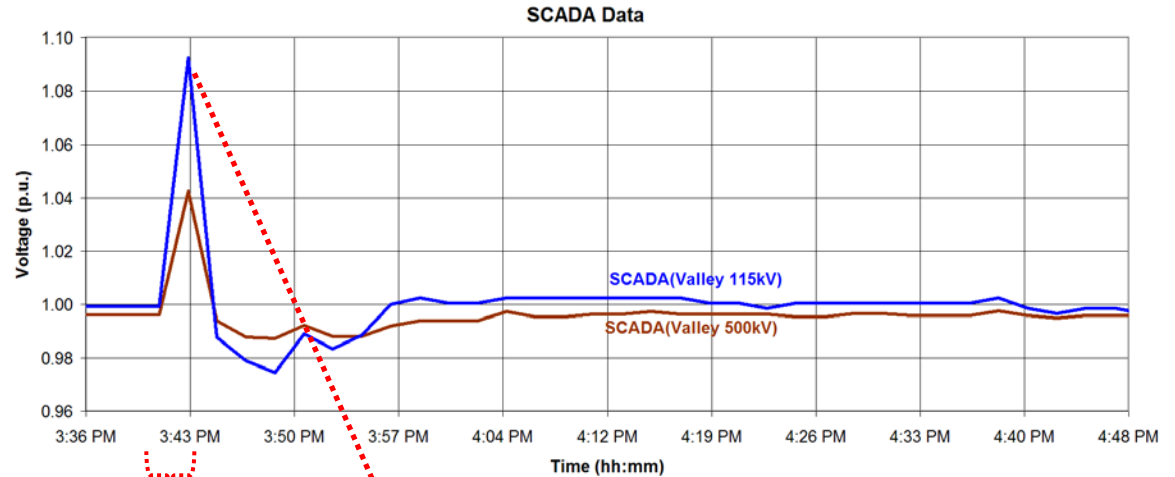
FIDVR Awareness

Fault Induced Delayed Voltage Recovery



How to Recognize FIDVR

- Known information
 - Fault on system
 - CB's opened normally



- SCADA resolution not sufficient for FIDVR events assessment
 - SCADA shows the high voltage point (~1.09 p.u.)