

# WISP Synchrophasor Applications

## Real Time

### Oscillation Monitoring

- Mode Meter
- Spectral Estimation
- Oscillation Detection

### Oscillation Mitigation

- Decision Support

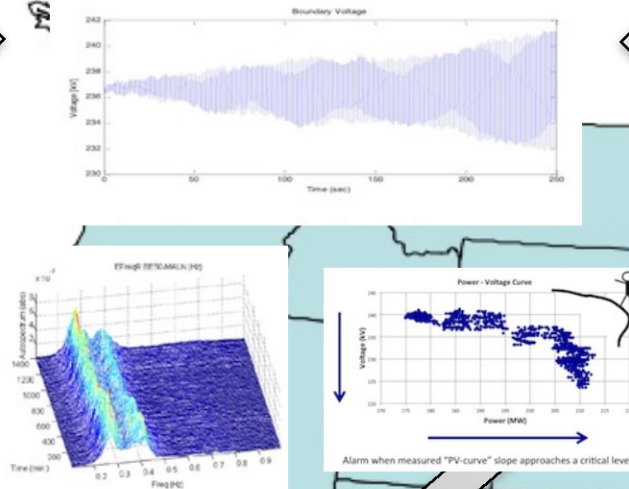
Voltage Stability  
Reactive Reserve  
Phase Angle  
Frequency

\*

\* Monitoring & Alarming

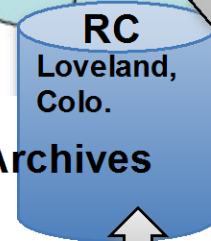
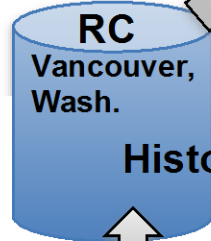
## Visualization

Multi-Layer Data Dashboard  
Playback/Animation Capture  
Wide-Area View & Manipulation  
Intelligent Alarm Processing



## Off-Line

- Model Validation/Improvement
- Disturbance Evaluation
- Planning Studies
- Operational Studies
- Network Performance Baseline



Historical Archives

- Storage
- Data Mining Tools
- Reports

PMU Data

PDCs

RC PDCs

