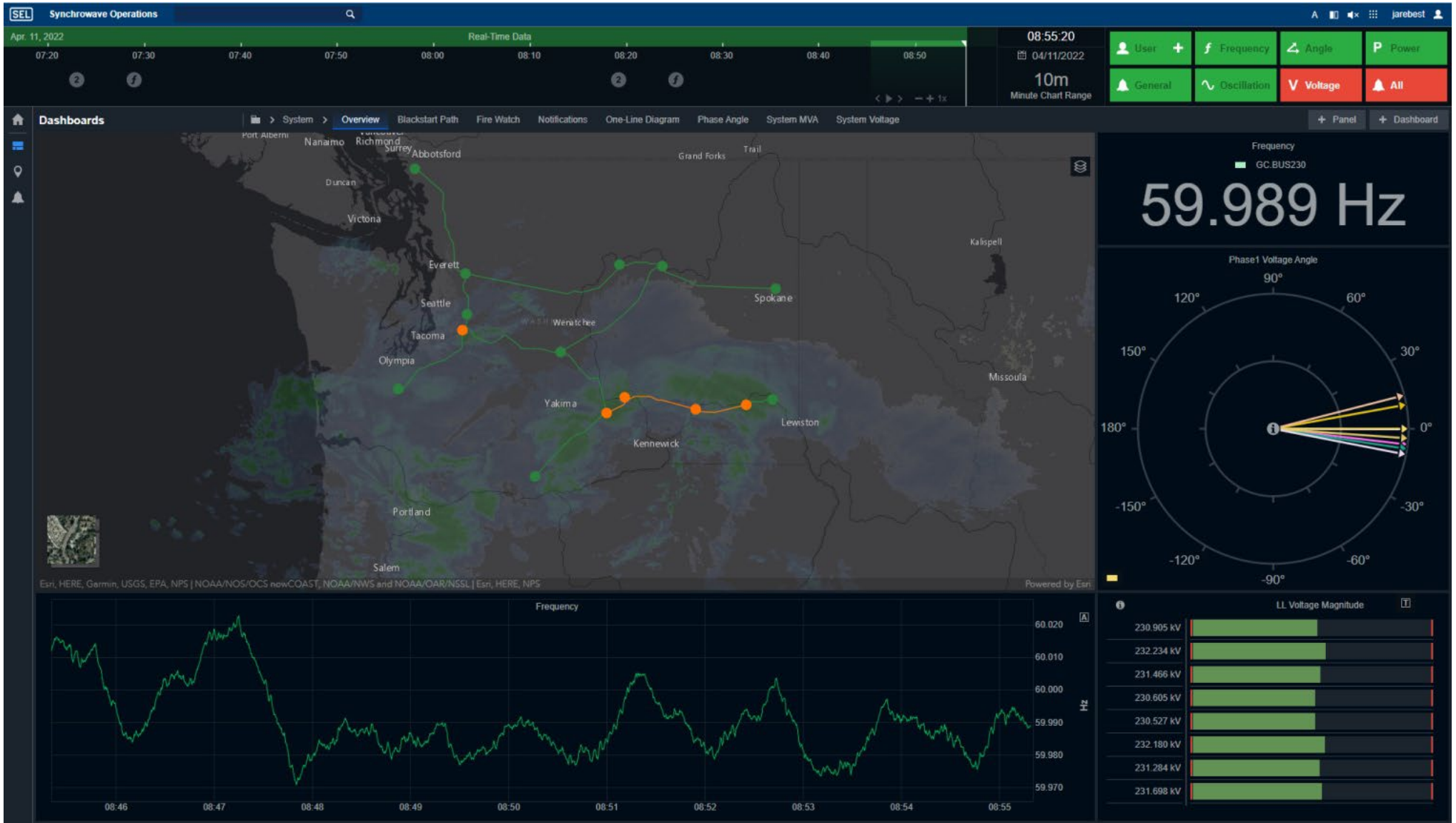
NASPI Update

Jared Bestebreur, Development Lead Engineer

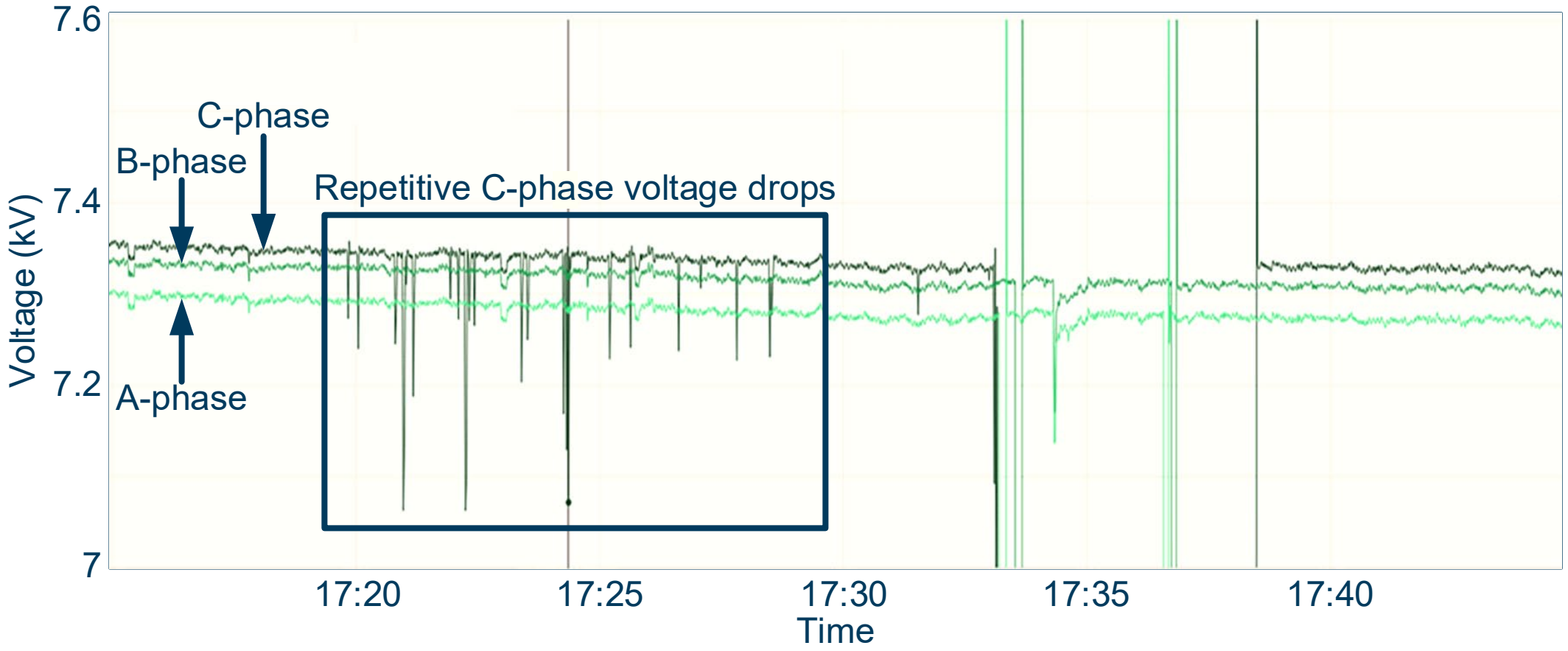
© 2022 SEL

Situational awareness



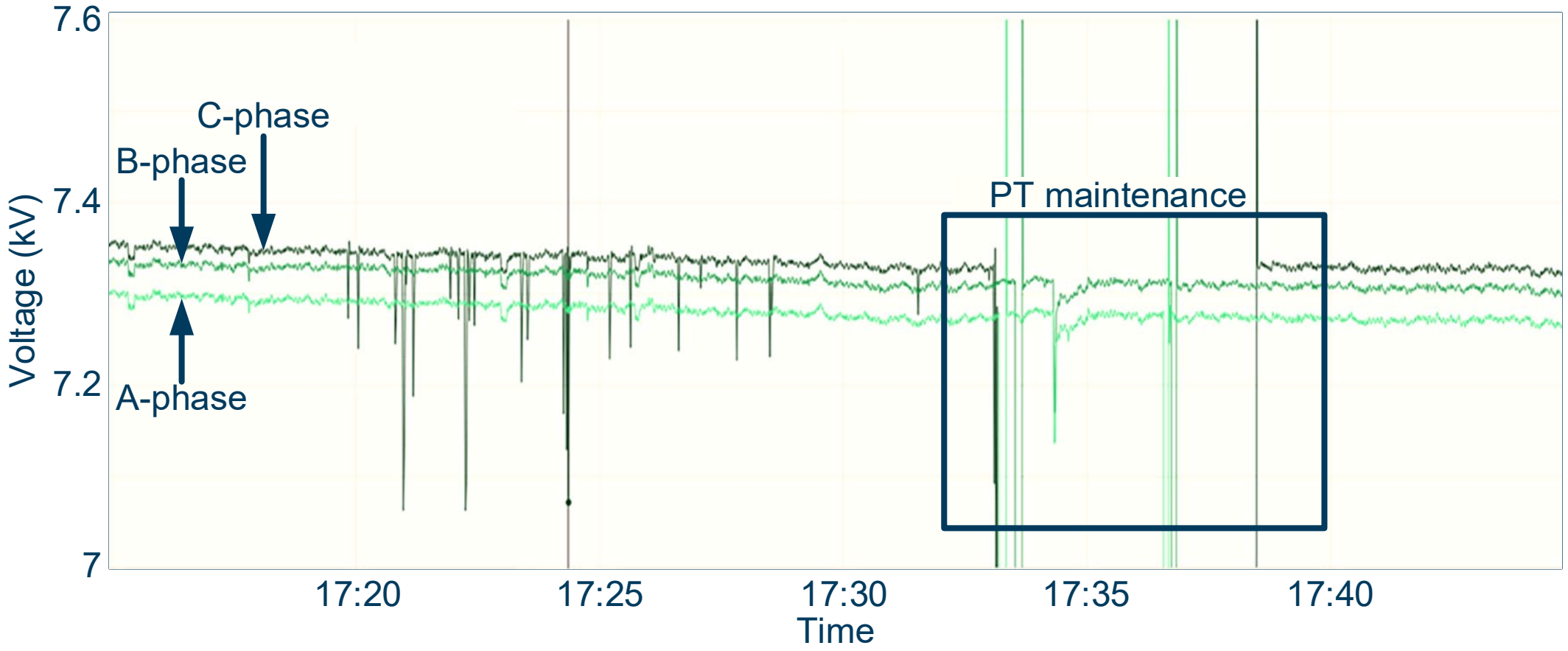
Detect early voltage transformer failure

SRP C-PHASE PT FUSE FAILURE



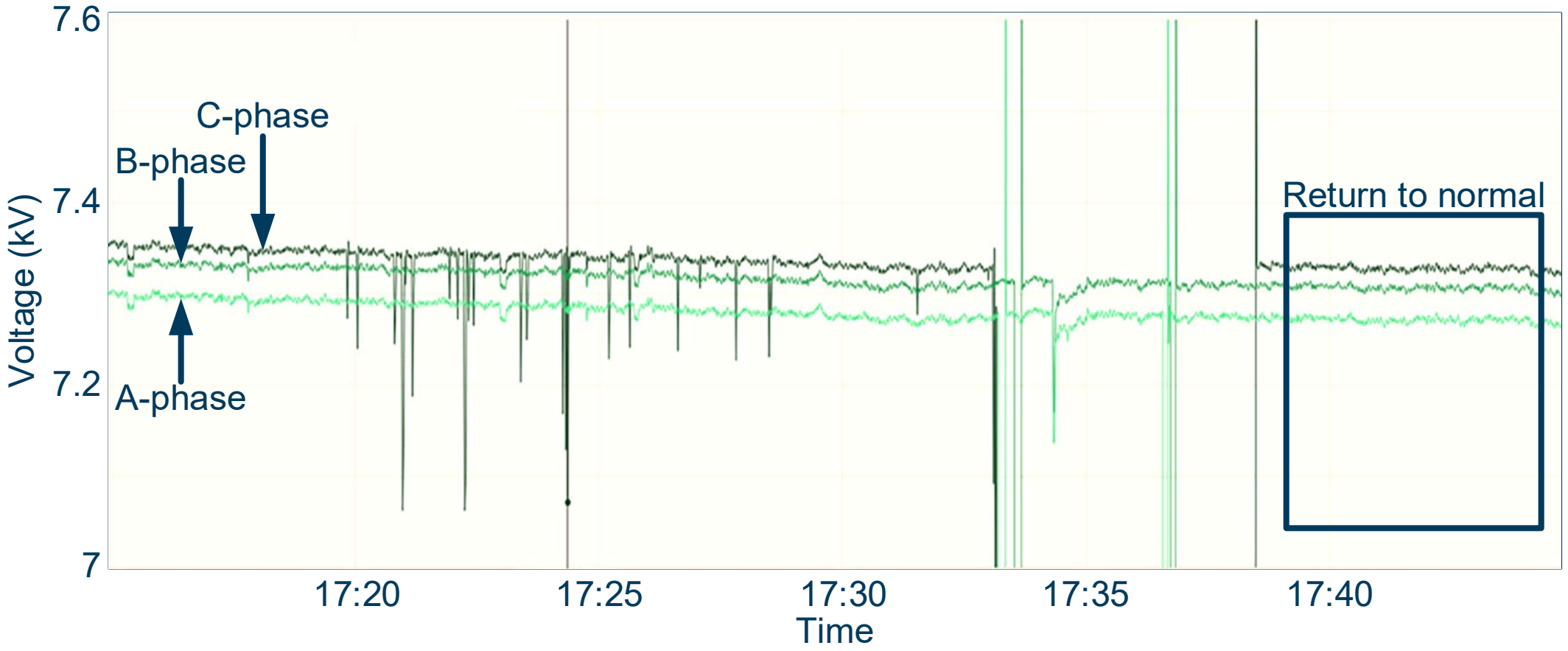
Detect early voltage transformer failure

SRP C-PHASE PT FUSE FAILURE



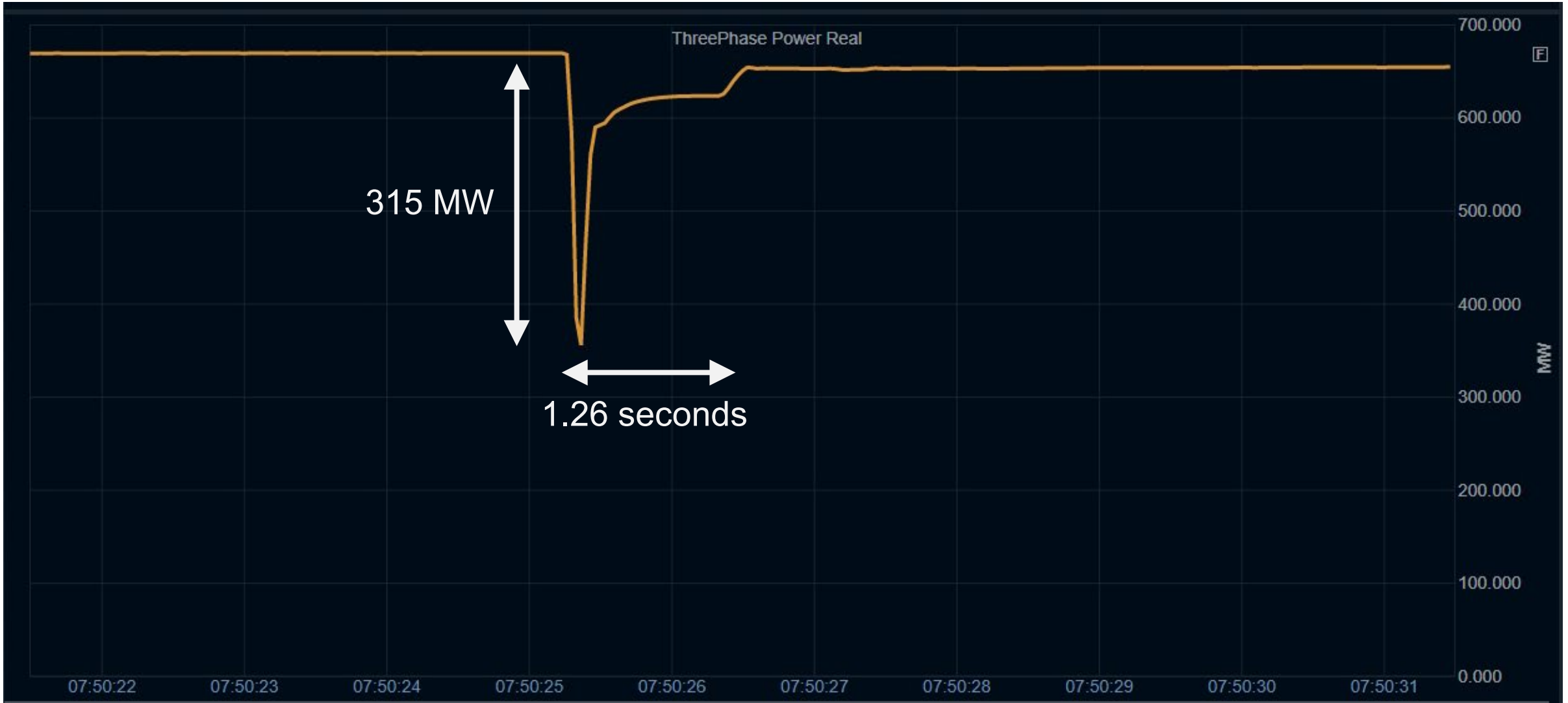
Detect early voltage transformer failure

SRP C-PHASE PT FUSE FAILURE

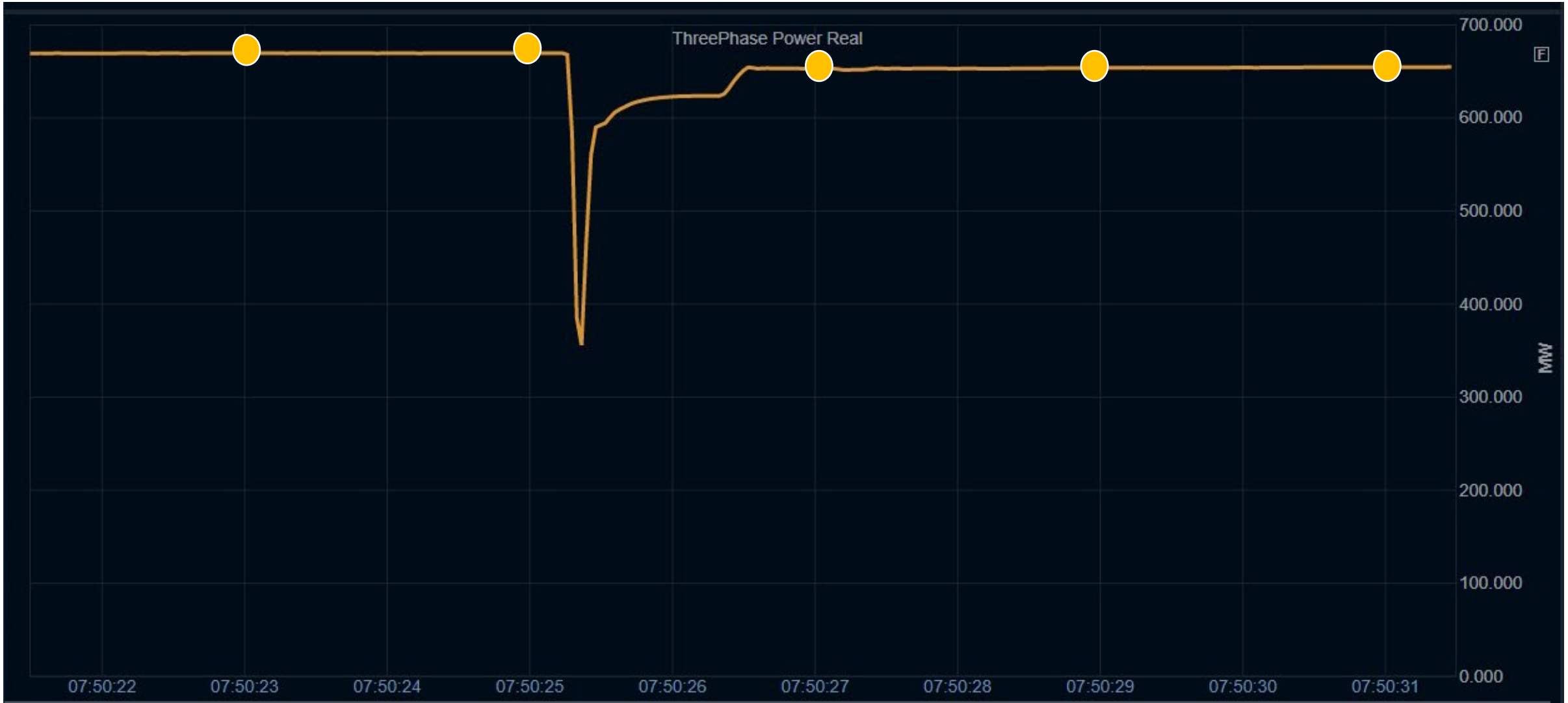


IBR performance monitoring

IBR performance monitoring



IBR performance monitoring



Stream, archive, and trend 3K data

All types of data

Type	Format	Rate	Duration
Traveling wave	Triggered file	1,000,000 samples/second	0.5 seconds
Oscillography	Triggered file	240–24,000 samples/second	0.2–1.5 seconds
Streaming oscillography	Streaming	3,000–10,000 samples/second	Continuous
Synchrophasor	Streaming	60 samples/second	Continuous
SCADA	Polled	1 sample/second	—

Thank you

SCHWEITZER ENGINEERING LABORATORIES