

North American SynchroPhasor Initiative

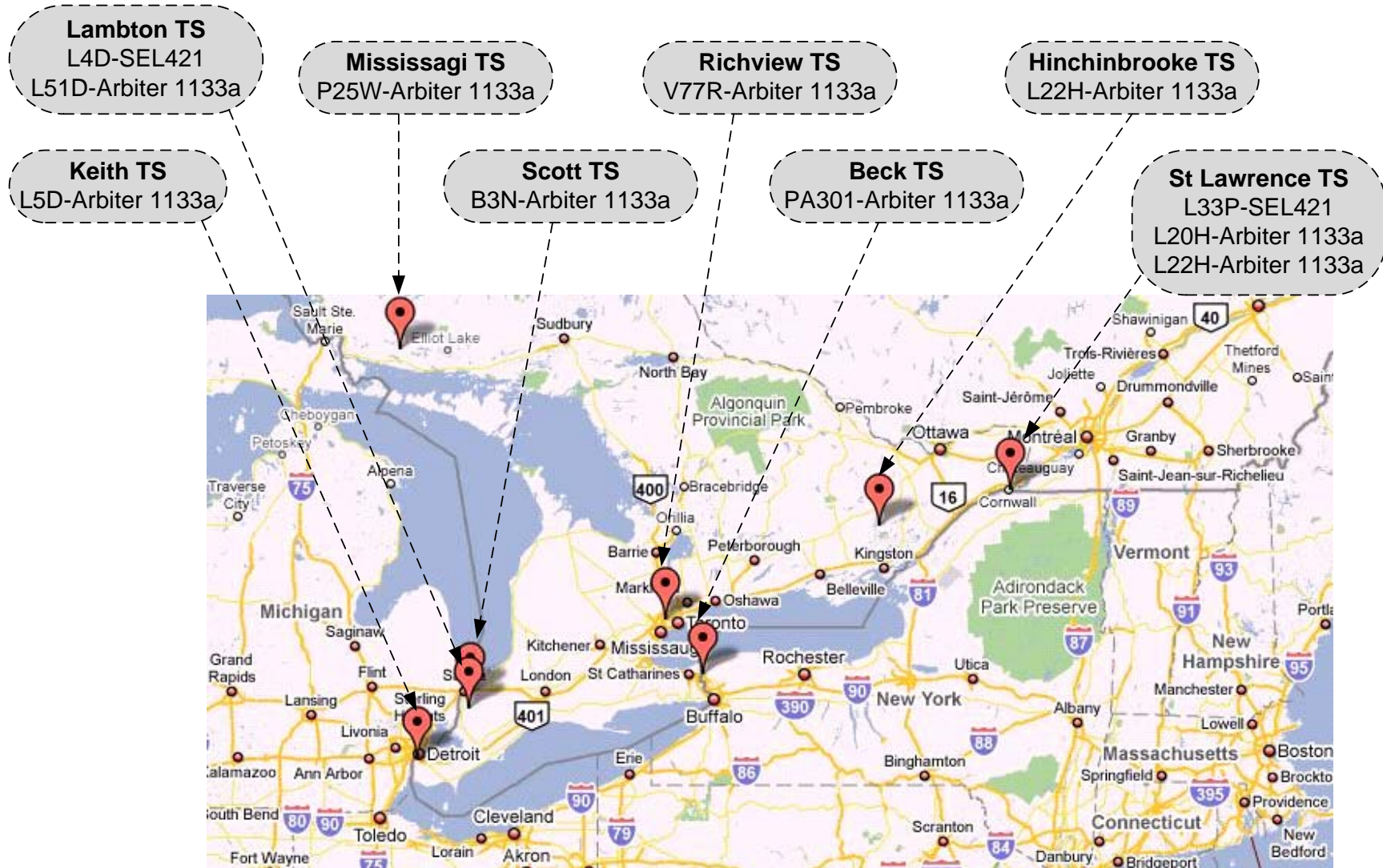
June 8, 2011



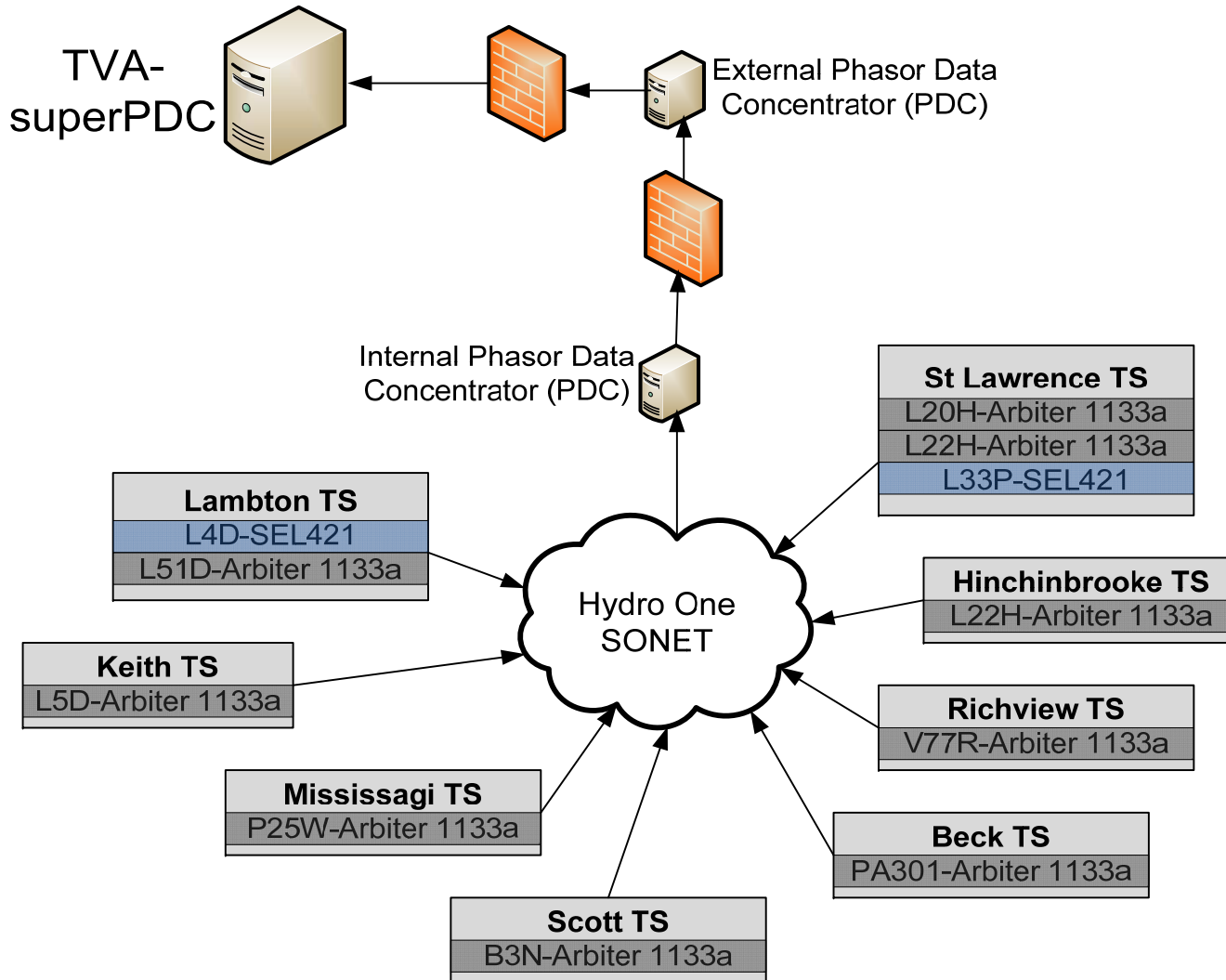
David Curtis
Director Asset Strategy



PMU Deployment in Ontario



Architecture



Status

- All 11 PMUs have been commissioned
- 8 PMUs reporting data to TVA
- Additional 3 PMUs to start streaming in the next week
- Grid Protection Alliance currently integrating data into the NASPI-RTDMS

Future Plans

- Deploying local RTDMS to investigate visualization/alarming applications
- Plan to investigate integration into EMS/SE
- Plan to investigate intelligent arming of SPS using PMU data