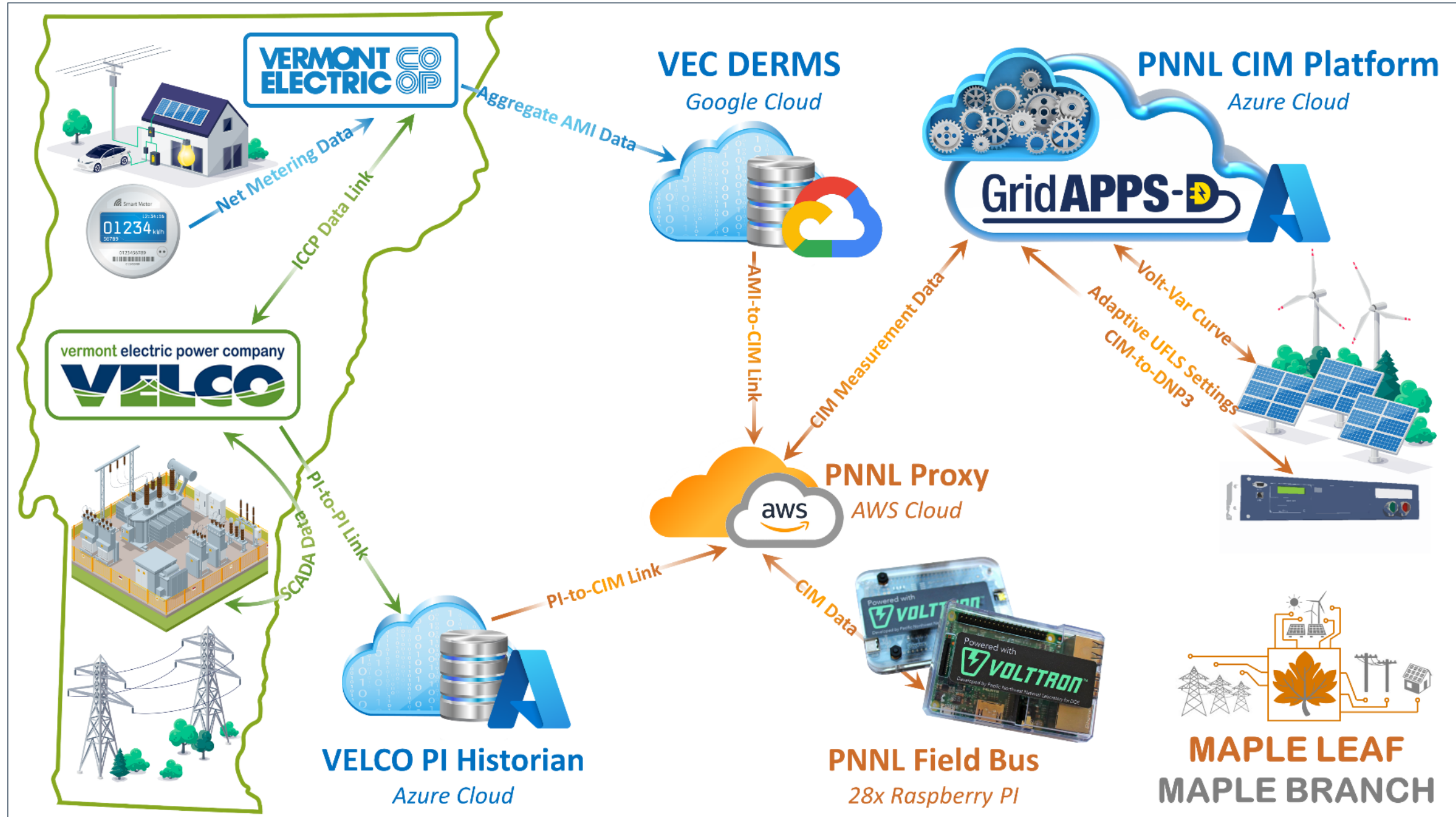


The Importance of Use-Inspired R&D

- ▶ DOE Projects are having a direct benefit on VELCO's network model management software initiatives
- ▶ The Project Team is a sounding board for innovative ideas, and a hub for sharing standards-based solutions that are scalable across industry
- ▶ DOE projects are enhancing collaboration between VELCO, Vermont Electric Cooperative, and ISO-NE



T+D Multi-Cloud CIM-Based Testbed



Volt-VAR Curve Performance for S. Alburgh

- Load power factor improved with reactive power contribution from inverters
 - Less Q exchanged at the interface
- Overvoltage significantly reduced with reactive power absorption during peak PV generation

