

Putting Smart Utilities to Work in Your Community

Projects to consider:

- Alerts and notifications
- Connected utilities solutions
- Customer-behind-the-meter asset utility integration
- Demand response and flexibility programs
- Electric vehicle charging infrastructure
- Energy market participation
- Falling wire and wildlife mitigation
- Infrastructure inspections
- Integration of renewable energy sources
- Sewer and stormwater overflow management
- Smart lighting
- Smart water
- Security
- Water loss detection
- Water usage tracking
- Wireless utility networks

Resources to assess/investigate:

- 4G and 5G
- Advanced metering infrastructure (AMI)
- Artificial intelligence and machine learning
- Automation (substations, field force operations, transmission, distribution, etc.)
- CTIA Cybersecurity Program for IoT devices
- Drones
- Dual-use streetlight poles
- Home-area networking
- Microgrid monitoring, coordination, and control solutions
- Sensor networks (for weather, lines, phasor measurement units, etc.)
- Supervisory control and data acquisition (SCADA)
- Wireless utility solutions