

# Metering Services for Utilities

## Metering & Engineering Services

Rodan Energy is a leading North American Metering Service Provider (MSP). Our clients range from some of the largest (>1.3M customers) to some of the smallest utilities. We are the outsourced meter department for many utilities, and for others, we provide a variety of services to supplement the utility labour force, provide ongoing maintenance, or carry out special projects.

We are fully versed in all the leading metering, instrumentation, and communication technologies. Our teams regularly design, procure, assemble, install and test for both transmission and distribution metering systems, sub-metering systems, and telemetry in a variety of applications. Our staff include licensed metering technicians, engineers, project managers, and electricians that can take on any metering project.

We are registered with Measurement Canada, the Independent Electricity System Operator, the Alberta Electricity System Operator, the Professional Engineers Ontario, and the Association of Professional Engineers and Geoscientist of Alberta, among others.

## Metering

We have experience metering every type of power delivery system including nuclear, hydro, fossil fuel, wind, solar, battery, flywheel, and other generating facilities.

Rodan Energy Solutions metering services include the following:

- ▶ **Design, Engineer, Assemble, Install, and Commission:** transmission and distribution grid-connected metering installations, telemetry/RTU systems
- ▶ **Meter Data Management:** data collection, settlement, and presentment services
- ▶ **Maintenance and Repair:** monitor, troubleshoot, and resolve meter and metering system issues
- ▶ **Equipment Procurement and Testing:** meters, communications, and instrument transformers
- ▶ **Meter Verification and Auditing:** compliance programs, auditing, testing, and meter accuracy verification
- ▶ **Custom Metering Solutions:** specialized assembly and fabrication of metering panels and cabinets



## Meter Data Management

To determine the value of your meter's data depends on how it is collected, validated, processed, and stored. Rodan manages your data with the due care and attention it requires using our sophisticated revenue-grade metering data management systems and processes.

## Sub-Metering Solutions

Rodan Energy has substantial experience in sub-metering electricity and other commodities for multi-tenant, commercial, industrial, and generation facilities. We bill tenants for the energy they use, measure energy usage, monitor power quality, and verify energy efficiency initiatives.

## Safety First

We are committed to maintaining our record of zero injuries and accidents through continuous monitoring and improving our safety processes.



## Utility Support Services

- ▶ **Engineering:** transmission and distribution
- ▶ **AMI:** design, installation, project management, communication infrastructure, data collection
- ▶ **Custom Metering Solutions:** assembly of metering panels and cabinets
- ▶ **Engineering Calculations:** transformer and line loss
- ▶ **Distribution System Loss Studies**
- ▶ **Asset Management+ Mapping**
- ▶ **Connection Impact Assessments**
- ▶ **Energy Transfers:** accounting for non-metered energy transfers
- ▶ **Meter System Testing:** ensures your metering systems are safe and not under or overbilling your customers

