



Meter Data Management

Business Value

- Settlement Quality Meter Data for billing and settlements
- Validated reporting required for rebate and incentive programs
- Certified Revenue Quality Meter Data Provider:
 - PG&E, SCE, SDG&E Meter Data Management Agent (MDMA)
 - Western Renewable Energy Generation Information System (WREGIS) Qualified Reporting Entity (QRE)
 - PJM Interconnection GATS Third-party Reporter
 - California Solar Initiative (CSI) Performance Data Provider (PDP)
 - California Self Generation Incentive Program (SGIP) PDP
 - California Public Utilities Commission (CPUC) certified Meter Service Provider (MSP)

Trustworthy Settlement Support

Trimark is a certified Meter Data Management Agent (MDMA) that power generators, utilities and ISOs trust to deliver Settlement Quality Meter Data (SQMD), compliance reporting and support.

Data You Can Trust

Accurate data requires diligence in acquisition, storage, validation, processing, reporting and distribution.

Trimark starts with certified revenue-grade meters and secure communication networks. We read meter automatically, then confirm meter identity, time drift, test mode intervals and sum checks. Our system flags meter resets, checksum errors, clock errors, power outages, pulse overflows,

Trimark validates meter data supporting more than

\$1 Billion*

in electricity transactions

*Based on average energy price of \$35/MWh

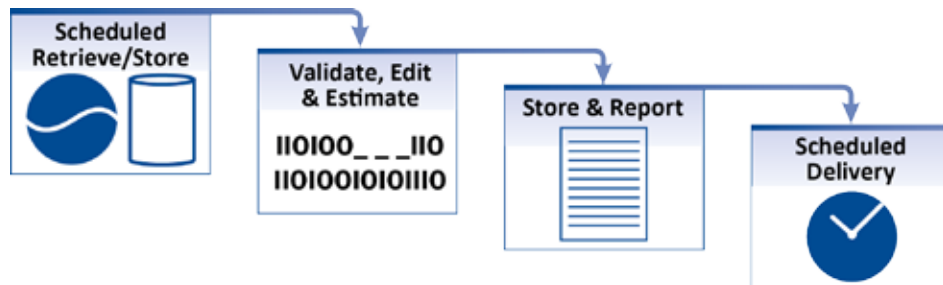
parity errors, alarms, phase errors or changes to configuration.

Validation, Estimation and Editing

If a meter cannot be read or stops recording, Trimark applies industry-accepted Validation, Estimation and Editing (VEE) protocols to ensure data integrity. This process produces data that is acceptable for billing or generation settlements.

Meter Data Management Chain of Quality

Accurate data depends on reliable meters and a secure chain of custody. We apply rigorous methods to collect, analyze and deliver power-transaction data you can trust.



Meter Data Management Services

Advanced Meter Reading (AMR)

- Remote meter interrogation of hourly power performance and output data;
- Daily processing/validation of revenue-grade generation and/or load data;
- Collect and validate meter reads to ensure complete and accurate data.

AMR Services are the foundation that enables us to offer the following services.

Support for Failures

- Remote diagnostics of reported failures;
- On-site support for equipment failure;
- Maintain configuration details, documentation.

Settlement Quality Meter Data (SQMD)

- Submit SQMD electronically to CAISO;
- Assist in preparing and presenting SQMD.

Self Generation Incentive Program (SGIP) – Performance Data Provider

- Services for wind, fuel cell, advanced energy storage, or any of the the self generation programs that are eligible for incentives;
- Support report preparation and presentation required for CSI rebates.

WREGIS Qualified Reporting Entity

- Administer data submittal to Western Renewable Energy Generation Information System (WREGIS);
- Monthly WREGIS reporting;
- Assist in preparing and presenting WREGIS rebate submittals.

Generation Attribute Tracking System (GATS) – Third Party Monitoring

- Submit monthly PJM generation data to GATS;
- Assist in preparing and presenting GATS rebates.

Data Presentation

Trimark presents data in an intuitive, web browser-based user interface for review and download. Settlement quality meter data can also be submitted in MDEF or CSV for billing or reporting to third-parties such as CSI, the host utility, CAISO, or WREGIS.

Trimark's experts are fluent in data management systems including Energy ICT EI Server and MV-90. Trimark's team can publish metering data using FTP, XML, EDI 867, CSV and MDEF.

Data Publishing via FTP

- Publish summarized metered load or generation data to your FTP, on your schedule;
- Assist in preparing and presenting data.

Browser-based Publishing

- Present customized reports via T1-S Vantage web pages for public or password protected access;
- Assist in developing data reports.



A Proven Player in the Energy Market

Trimark Associates, Inc. develops reliable, affordable business and operational solutions that support compliance and optimization of power production.

Northern CA: 916.357.5970
Southern CA: 818.963.4695
Virginia: 757.855.1040

Info@TrimarkAssoc.com
www.TrimarkAssoc.com