

Oil and Gas Tariff, Metering and Billing Assurance Training Course

13 – 17 June 2027
Accra

AGILE LEADERS
Training Center

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Overview

Oil and Gas Tariff, Metering and Billing Assurance Training Course is a one-week intermediate course for commercial, metering, billing, customer service, operations, and revenue-assurance professionals who leave with a Meter-to-Bill Assurance Pack. Participants connect tariff rules, measurement equipment, service configurations, consumption records, and charge calculations to find discrepancies and protect billable revenue. The course uses equipment maps, data-lineage checks, reconciliation methods, exception analysis, and control design. Agile Leaders Training Center presents this course on oil and gas tariff, metering, and billing assurance.

Who Should Attend

- Teams responsible for interpreting commercial tariffs and service agreements
- Functions responsible for meter selection, configuration, reading, and validation
- Professionals responsible for bill calculation, adjustment, and customer queries
- Operations teams responsible for field equipment and service continuity
- Analysts responsible for revenue leakage, reconciliation, and control monitoring
- Managers responsible for measurement-to-cash performance

The course assumes participants can work with basic consumption, billing, or operating records; it leaves out legal advice, jurisdiction-specific tariff rulings, and meter repair.

Departments and Industries

The course supports departments and industries that convert measured consumption into commercial charges.

- Oil and gas production, processing, pipeline, and distribution organizations
- Refining, terminals, storage, and petroleum-product operations
- Gas utilities and industrial energy-service providers
- Commercial, contracts, pricing, and customer-service departments
- Metering, instrumentation, operations, and maintenance functions
- Finance, billing, audit, and revenue-assurance teams

Learning Objectives

By the end of this course, participants will be able to:

- Analyze tariff structures and billing determinants
- Compare metering equipment and service configurations
- Build meter-to-bill data lineage
- Apply consumption and charge reconciliation methods
- Diagnose billing leakage and exception causes
- Prioritize assurance controls and corrective actions

Course Agenda

Day 1: Map Tariffs and Billing Determinants

- Tariff Component and Charge Driver Map
- Customer Segment and Service Classification Matrix
- Contract, Tariff, and Billing Rule Hierarchy
- Fixed, Variable, and Threshold Charge Model
- Tariff Assumption and Evidence Register

Day 2: Identify Metering Equipment and Configurations

- Primary, Secondary, and Tertiary Device Map
- Meter, Transmitter, Flow Computer, and Valve Identification Guide
- Pressure, Temperature, Density, and Volume Correction Chain
- Service Point and Metering Configuration Diagram
- Installation Condition and Measurement Uncertainty Checklist

Day 3: Trace Consumption into Bills

- Meter-to-Bill Data Lineage Model
- Reading, Validation, Estimation, and Substitution Workflow
- Unit Conversion and Billing Quantity Calculation Sheet
- Consumption Period and Billing Cycle Alignment Test
- Charge Calculation and Invoice Reconstruction Method

Day 4: Detect Leakage and Design Controls

- Revenue Leakage Cause-and-Effect Map
- Meter, Master Data, Tariff, and Billing Exception Library
- Consumption-to-Invoice Reconciliation Template
- Exception Materiality and Root-Cause Prioritization Matrix
- Preventive, Detective, and Corrective Control Catalogue

Day 5: Practice Meter-to-Bill Assurance

- Suggested Exercise: Classify Tariff and Service Rules
- Suggested Exercise: Identify Equipment from a Metering Diagram
- Suggested Exercise: Reconstruct a Consumption Charge
- Suggested Exercise: Investigate a Billing Leakage Case
- Capstone Exercise: Present a Meter-to-Bill Assurance Pack

Practical Exercises

The course uses suggested activities to connect field measurement, commercial rules, and billing evidence.

- Suggested activity: map equipment, correction inputs, data owners, and handoffs for an oil transfer or gas service point.
- Suggested activity: rebuild billable consumption and charges from meter readings, conversion factors, tariff rules, and billing periods.
- Suggested activity: diagnose exceptions across meter data, customer master data, tariff assignment, and invoice calculation.
- Suggested activity: design control ownership, evidence, thresholds, and corrective actions for recurring leakage risks.

FAQs

Who suits oil and gas tariff, metering and billing assurance training, and what does it assume?

Commercial, metering, billing, customer-service, operations, audit, and revenue-assurance professionals suit the training. It assumes experience with basic consumption, billing, contract, or operating records.

How does meter-to-bill assurance differ from general oil and gas accounting training?

Meter-to-bill assurance traces physical measurement, service configuration, tariff assignment, billing quantity, and invoice calculation. General accounting training focuses more broadly on financial recognition, reporting, cost allocation, and controls.

How are oil and gas tariff charges reconciled with measured consumption?

Reconciliation aligns the service point, meter reading, correction inputs, units, consumption period, customer classification, tariff version, charge drivers, adjustments, and invoice totals in one traceable record.

Which equipment affects oil and gas billing accuracy?

Billing accuracy can depend on meters, primary flow devices, transmitters, pressure and temperature instruments, flow computers, valves, communication devices, and the master-data configuration that connects them to an account.

What causes revenue leakage in oil and gas billing?

Revenue leakage can arise from missing readings, faulty estimates, incorrect units, unrecorded equipment changes, wrong tariff assignments, incomplete customer data, billing-cycle misalignment, calculation errors, or unresolved exceptions.

Conclusion

Participants take a Meter-to-Bill Assurance Pack back to their organization. It combines tariff logic, equipment identification, data lineage, reconstructed charges, exception findings, and prioritized controls. Teams can use it to investigate discrepancies, assign corrective actions, and strengthen the connection between measured consumption and invoiced revenue.