

## IEC-62056 / DLMS COSEM - Comprehensive Training Program

Kalkitech introduces a 3-day comprehensive seminar cum training workshop on IEC-62056 standards for electrical metering.. This training will cover the theory behind IEC-62056 by reviewing the salient standards of IEC-62056 / DLMS - COSEM and supplement it with demonstrations of 62056 communication between clients and servers, Meters to Computer, the philosophy of inter-operable communication, with demonstration using Kalkitech DLMS/COSEM OPC Servers.

Day 1 covers a broad overview of 62056 as well as the usage or application of 62056 as it is intended by electric utilities. The sessions walk the audience through the steps of OBIS Codes, Standard Interface Classes and the basic protocol features. It also details the basics of ASN.1 syntax and the encoding aspects, as well as the security and remote communication possibilities.

Day 2 expands on the object models of 62056 for understanding the meter model as defined under the standard, various meter functions, the details of the different objects, meter data mapping to DLMS OBIS, understanding the tariffication object support, and the conformation block functions required to ensure that a given DLMS/COSEM meter or meter reading software is compliant for a utility deployment.

Day 3 provides an understanding of the 62056 Implementation, the source code library as offered by Kalkitech, the configuration of various interfaces, the platform implementation requirements and the data interface requirement's for implementing the DLMS / COSEM IEC 62056 library in your meter or AMR/AMI or MRI systems.

The training workshop is of value to Power utilities and personnel involved with the implementation and commissioning of substation automation solutions using IEC-62056 / DLMS / COSEM

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