

DATA SHEET

OpenADR 3 Training

Brought to you by QualityLogic and key OpenADR 3 contributor Frank Sandolval, this OpenADR 3 training course provides a thorough grounding in the latest version of this important International standard.

TRAINING AT A GLANCE

Demand Response (DR) has a long tradition in the energy sector and is expected to play an increasingly important role for our economy and National Security by supporting the continuous supply of reliable affordable energy. DR is a mechanism to perform Demand Side Management - that is, influencing the consumption side of energy usage. Simply put, it's a means of balancing grid conditions with consumption.

OpenADR 3 is the latest evolution of the protocol, designed using today's most common programming methods. The goal for OpenADR 3 is to lower technical barriers to entry for all parties, lowering the cost of adoption and introducing new IoT and consumer use cases.

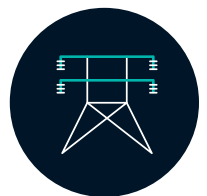
To help leaders and implementers navigate OpenADR 3, we've developed a new training program based on QualityLogic's proven OpenADR 2.0 model. This two-day workshop covers business cases, key use cases, and testing and certification. The second day dives into technical details, including APIs, application conventions, and implementation examples. A virtual option is also available through three live online sessions.

WHO SHOULD ATTEND:

This training is designed for a range of energy professionals, including:

- Utilities, ISO/RTOs and regulators
- VTN and VEN implementers
- System integrators and aggregators interested in interoperating with OpenADR 3 systems.

At the end of training, business leaders will have a solid understanding of how to leverage OpenADR 3 and technical resources will be prepared to implement OpenADR 3 compliant products and author content to meet business goals.



WORKSHOP DETAILS

DAY 1: BUSINESS CASES AND TECHNICAL OVERVIEW

Session 1: Executive overview

- Historical Overview of Demand Response
- Business Goals

Session 2: Example Use Cases**Session 3:** Specification Overview

- API
- Security Model
- Definitions and User Guide
- Reference Implementation and Test Tool
- GitHub projects
- Open source

Session 4: Testing and Certification

DAY 2: TECHNICAL DEEP DIVE

Session 1: API Details

- Information Model
- Endpoints
- Access Control
- Push/pull models

Session 2: Application Conventions

- Protocol definitions and content conventions
- Example: non-authenticated client

Session 3: Example Use Cases

- Simple commands
- Dynamic pricing

FUTURE-PROOF YOUR DR STRATEGY

Whether you're an energy provider, technical professional, or policymaker, understanding OpenADR 3 is essential for staying ahead in the evolving smart energy ecosystem. This training will equip you with the skills to design, implement, and certify OpenADR 3.0-based solutions with confidence.

Contact us today to learn more and schedule your training!

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