



# USEA Energy Training Center (ETC)

Founded in 1924, the U.S. Energy Association (USEA) is a non-partisan, non-lobbying organization that serves as a trusted platform for sharing policy, scientific, and technological information across the energy sector.

## Global Experience and Partnerships

For more than 30 years, USEA has designed and implemented capacity-building programs for developing country utilities, regulators, and energy ministries to strengthen energy sector operations and planning, establishing a proven track record supporting countries to design and implement reforms that deliver lasting impact. Our extensive network enables us to connect global best practices with local needs.

## The Need for Capacity Building

Developing countries face urgent challenges in achieving energy security and reliability, while also preparing for future demand growth. Large-scale infrastructure development, cross-border energy trade, sound regulatory frameworks, and resource efficiency are all critical components of this transition.

## Why USEA is Well-Suited

### Practical Experience

Decades of on-the-ground collaboration with developing country institutions.

### Global Reach

Long-standing connections with leading U.S. and international energy companies and policymakers.

### Proven Approach

Results-driven capacity-building programs that adapt and apply global best practices to local contexts.

This blend of experience and access enables USEA to deliver training that is technically rigorous and practically applicable, helping partners build resilient, sustainable, and financially viable energy systems.

## Customized Training

Building on three decades of international engagement, USEA has developed a tailored capacity-building service for developing country energy sectors. The program:

- Draws on global best practices and lessons learned from advanced energy utilities.
- Is customized to the needs of individual countries, utilities, or regulators.
- Addresses both operational and strategic challenges, from grid integration of diverse resources to regulatory reform and financial management.

## Key Training Areas

- Improving and streamlining utility business processes and management.
- Enhancing generation, transmission, and distribution operations.
- Improving service quality and customer engagement.
- Reducing operational costs through increased productivity and efficiency.
- Increasing regional energy trade and improving energy markets.

## Expected Impact

- Strengthen energy security and reliability
- Support the integration of diversified, sustainable energy resources
- Improve the financial and operational performance of utilities
- Create opportunities for collaboration and investment
- Help countries build energy systems that safeguard resources for future generations

## Menu of Offerings



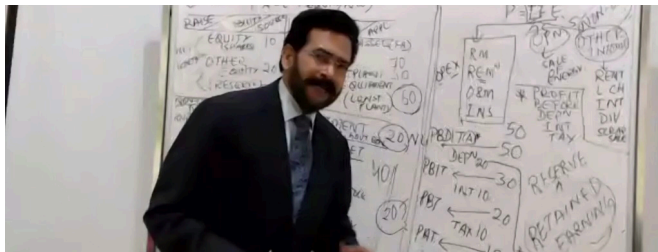
### Study Tour / Executive Exchange

Provides opportunities to visit key companies and organizations that address priority topics and issues identified by the client. These exchanges offer exposure to best practices, leadership approaches, and innovative solutions.



### Training

Builds and improves specific skills and competencies. Training is structured and longer in duration (ranging from several days to multiple weeks) and includes practical exercises, step-by-step learning, and applied practice. Training can be conducted in person, online, or in a hybrid format.



### Seminars

Focus on sharing and discussing knowledge, ideas, and research findings. Seminars are more academic or lecture-based, often featuring expert speakers followed by Q&A sessions. They are typically shorter in duration (1-2 hours to a half-day) and emphasize theory, concepts, and discussion rather than hands-on practice.

**Market Segments**

**IEX**

**DAM** **EScarts** **REC** **RTM** **GTAM**

**Day-Ahead Contingency** - all hrs following day

**at Time Market**

- Delivery: 30-minute to 15-minute time blocks in 24 hours of the real day
- prices and quantity discovery: Double-sided closed auction bidding

**Energy Saving Certificates**

- Since Sep. 17
- 1 Escart = 1 Mtoe (Metric Tonne Oil Equivalent)
- Trading Frequency: Once a week (every Tuesday)
- Price Determination: Double-sided closed

**Renewable Energy Certificates**

- Since Feb. 11
- 1 MWh = 1 Certificate
- attributes of electricity generated from renewable resources
- Sellers: RE generators not under feed in tariffs
- Buyers: Obligated entities

**Green Term Ahead Market**

- Since 21 Aug' 20
- Products & Delivery: Intraday - 04:00 to 24:00 hrs same day
- Day-Ahead Contingency - 00:00 to 24:00

### e-Learning Series

Supports institutional learning through customized, on-demand modules and courses developed in partnership with utility training centers. These programs typically include supporting materials, recorded webinars, and other resources to allow for flexible, self-paced learning.



### Workshops

Emphasize active learning and the application of concepts through group work, simulations, and role-play exercises. They are typically shorter in duration (1-3 days), highly interactive, and conducted in smaller groups.



### Short-Term Peer Assistance

Provides targeted technical expertise by assigning an expert to work directly with a specific group of individuals in-country. The expert delivers tailored guidance and solutions on a defined issue or topic. Assignments are limited to a maximum of 14 days.

For more information, contact Marjorie Jean-Pierre at [mjean-pierre@usea.org](mailto:mjean-pierre@usea.org) or visit our website at <https://usea.org/USEA-energy-training-center>