

APPROVED ANNUAL WCO CERTIFICATION PROGRAM FOR 2024-2025



TRAINING COURSE TITLE		TRAINING TYPE	TARGET AUDIENCE	TENTATIVE TRAINING SCHEDULE	ESTIMATED TRAINING HOURS	APPROVED CREDIT POINTS
1	Reserve Market Compliance	Regular Training	Ancillary Service Providers	11-Jul-24	6 hours	6
2	Dispute Resolution Administration	Regular Training	WESM and REM Dispute Resolution Focal Person	25-Jul-24	2 hours	2
3	Discussion on the Urgent Amendments to the Ancillary Services Monitoring (ASM) Manual	Focus Group Discussion	Ancillary Service Providers	29-Aug-24	3 hours	3
4	Electricity Market Exchanges (EMX) 2024	Event	All Members	04-Sep-24	4 hours	4
5	MSP Performance Obligations and Monitoring	Regular Training	Metering Services Providers	19-Sep-24	2 hours	2
6	WCO Summit 2024	Event	All Members	24-Oct-24	8 hours	16
7	Reserve Market Compliance	Regular Training	All Members	12-Dec-24	3 hours	3
8	WCO Certification Fundamentals	Regular Training	All Members	23-Jan-25	2 hours	2
9	WESM Governance Fundamentals	Regular Training	All Members	20-Feb-25	2 hours	2
10	WESM Governance Committee Processes	Regular Training	All Members	27-Feb-25	3 hours	3
11	Orientation on Market Compliances	Regular Training	All Members	13-Mar-25	3 hours	5

Please note:

- All trainings offered are free of charge.
- Training schedules may change without prior notice.
- Training courses may be updated during the year, as proposed to and approved by the Compliance Committee.
- Course offerings are based on the PEMC-TSP Annual WCO Certification Program for 2024 – 2025 Version 8 approved by the Compliance Committee on 09 June 2025.

APPROVED ANNUAL WCO CERTIFICATION PROGRAM FOR 2024-2025



TRAINING COURSE TITLE		TRAINING TYPE	TARGET AUDIENCE	TENTATIVE TRAINING SCHEDULE	ESTIMATED TRAINING HOURS	APPROVED CREDIT POINTS
12	Electricity Market Exchanges (EMX) 2025	Event	All Members	21-Mar-2025	4 hours	4
13	Reserve Market Compliance	Regular Training	Generators	27-Mar-25	4 hours	4
14	Compliance Post-Evaluation Monitoring System (CPEMS) Overview and Navigation	Regular Training	Generators	10-Apr-25	2 hours	2
15	Market Monitoring Indices and Reports	Regular Training	All Members	24-Apr-25	2 hours	4
16	Two (2)- Day Special Training on WESM Governance-related Topics	Special Training Request	ACEN	22 & 30-Apr-25	8 hours	8
17	Compliance Obligations in the WESM	Regular Training	New WESM Members	15-May-2025	3 hours	3
18	Market Offer Revision Monitoring Rollout	Regular Training	Generators	22-May-2025	2 hours	4
19	WESM Penalty Mechanism	Regular Training	All Members	29-May-25	3 hours	6
20	Forecast Accuracy Standards Compliance	Regular Training	Generators	05-Jun-25	2 hours	3
21	Compliance Rating	Regular Training	All Members	26-Jun-25	2 hours	5

TOTAL **70 hours** **91**

Please note:

- All trainings offered are free of charge.
- Training schedules may change without prior notice.
- Training courses may be updated during the year, as proposed to and approved by the Compliance Committee.
- Course offerings are based on the PEMC-TSP Annual WCO Certification Program for 2024 – 2025 Version 8 approved by the Compliance Committee on 09 June 2025.



RESERVE MARKET COMPLIANCE

TRAINING TYPE	REGULAR TRAINING
OBJECTIVE / DESCRIPTION OF TRAINING COURSES	<ul style="list-style-type: none">The course intends to provide a general overview, processes, timelines and present the relevant forms and templates on the monitoring of Reserve Offer Capacity Compliance (ROCC) and Reserve Conformance Standard (RCS) in the Reserve Market.
PROGRAM OUTLINE	<ul style="list-style-type: none">General Concepts and OverviewCalculationPenaltyProcedural Steps for ROCC and RCSRelevant Templates

DISPUTE RESOLUTION ADMINISTRATION

TRAINING TYPE	REGULAR TRAINING
OBJECTIVE / DESCRIPTION OF TRAINING COURSES	<ul style="list-style-type: none">The course intends to discuss the Wholesale Electricity Spot Market (WESM) dispute resolution process with the DMP Focal Persons to facilitate compliance with the WESM Dispute Resolution Manual.
PROGRAM OUTLINE	<ul style="list-style-type: none">WESM and REM Dispute Resolution FrameworkWESM and REM Governance StructureMarket DevelopmentsWESM and REM Penalty SystemWESM and REM Dispute Management ProtocolWESM Dispute Resolution Updates

Please note:

- All trainings offered are free of charge.
- Training schedules may change without prior notice.
- Training courses may be updated during the year, as proposed to and approved by the Compliance Committee.
- Course offerings are based on the PEMC-TSP Annual WCO Certification Program for 2024 – 2025 Version 8 approved by the Compliance Committee on 09 June 2025.



ELECTRICITY MARKET EXCHANGES (EMX) 2024

TRAINING TYPE	EVENTS
OBJECTIVE / DESCRIPTION OF TRAINING COURSES	<ul style="list-style-type: none">The EMX aims to strengthen the market stakeholders’ appreciation and understanding of significant matters on market development, operations or governance through healthy discussions and exchanges.
PROGRAM OUTLINE	<ul style="list-style-type: none">Keynote Speech: Regulations for Distribution Utilities (DU) and Electric Cooperatives (EC)Regulations for Australian DistributorsNational Electrification Administration (NEA) Programs for ECsBest Practices and Future InnovationsPower Transformation of Franchise Area and Future InnovationsQ&A
EXPLANATION FOR GREATER CREDIT UNIT WEIGHT/POINTS	N/A

DISCUSSION ON THE URGENT AMENDMENTS TO THE ASM MANUAL

TRAINING TYPE	FOCUS GROUP DISCUSSION
OBJECTIVE / DESCRIPTION OF TRAINING COURSES	<ul style="list-style-type: none">The special training will focus on a discussion of the amended rules, specifically the timeline and calculation for the Reserve Conformance Standards (RCS).
PROGRAM OUTLINE	<ul style="list-style-type: none">BackgroundUrgent AmendmentsRevision to the RCS Formula<ul style="list-style-type: none">Concepts

Please note:

- All trainings offered are free of charge.
- Training schedules may change without prior notice.
- Training courses may be updated during the year, as proposed to and approved by the Compliance Committee.
- Course offerings are based on the PEMC-TSP Annual WCO Certification Program for 2024 – 2025 Version 8 approved by the Compliance Committee on 09 June 2025.

APPROVED ANNUAL WCO CERTIFICATION PROGRAM FOR 2024-2025



	<ul style="list-style-type: none">○ Application• Breach Determination and Averaging Horizon• RCS Monitoring• Request for Reassessment• Penalties
EXPLANATION FOR GREATER CREDIT UNIT WEIGHT/POINTS	N/A

METERING SEVICES PROVIDERS (MSP) PERFORMANCE OBLIGATIONS AND MONITORING

TRAINING TYPE	REGULAR TRAINING
OBJECTIVE / DESCRIPTION OF TRAINING COURSES	<ul style="list-style-type: none">• The course intends to provide the relevant metering procedures, policies and standards for MSP including monitoring of its performance based on the Metering Standards and Procedures Manual.
PROGRAM OUTLINE	<ul style="list-style-type: none">• Performance Measures<ul style="list-style-type: none">○ Service Delivery○ Customer Satisfaction• Performance Standards• Passing Percentage• Performance Rating<ul style="list-style-type: none">▪ Monthly Performance Rating▪ Semi-Annual Customer Satisfaction Rating• Annual Performance Rating

Please note:

- All trainings offered are free of charge.
- Training schedules may change without prior notice.
- Training courses may be updated during the year, as proposed to and approved by the Compliance Committee.
- Course offerings are based on the PEMC-TSP Annual WCO Certification Program for 2024 – 2025 Version 8 approved by the Compliance Committee on 09 June 2025.

APPROVED ANNUAL WCO CERTIFICATION PROGRAM FOR 2024-2025



WESM COMPLIANCE OFFICER (WCO) SUMMIT 2024

TRAINING TYPE	EVENTS
OBJECTIVE / DESCRIPTION OF TRAINING COURSES	<ul style="list-style-type: none">• An event-scale training which provides the WCOs the status and updates on enforcement and compliance-related matters, while emphasizing WESM participant obligations, among others.
PROGRAM OUTLINE	<ul style="list-style-type: none">• Feature Presentation/s• Market Governance Highlights 2023• WCO Obligations• WCO Annual Report 2023• Updates on WESM Enforcement and Compliance• Recognition of WCOs• Awarding of Compliance Awards
EXPLANATION FOR GREATER CREDIT UNIT WEIGHT/POINTS	The WCO Summit is an event and learning session opportunity that will focus on the significant enforcement and compliance matters and process updates. This event is given greater credit unit weight since the takeaways from this learning session are invaluable to the Market Participants’ and WCOs’ performance of their compliance obligations in the WESM. Furthermore, presenters and resource speakers are the experts in the field of WESM compliance.

WCO CERTIFICATION FUNDAMENTALS

TRAINING TYPE	REGULAR TRAINING
OBJECTIVE / DESCRIPTION OF TRAINING COURSES	<ul style="list-style-type: none">• The course intends to discuss the background, implementing guidelines, and updates on the WCO Certification Program.

Please note:

- All trainings offered are free of charge.
- Training schedules may change without prior notice.
- Training courses may be updated during the year, as proposed to and approved by the Compliance Committee.
- Course offerings are based on the PEMC-TSP Annual WCO Certification Program for 2024 – 2025 Version 8 approved by the Compliance Committee on 09 June 2025.

APPROVED ANNUAL WCO CERTIFICATION PROGRAM FOR 2024-2025



PROGRAM OUTLINE	<ul style="list-style-type: none">• Legal Basis• WCO Certification and Registration Manual• WCO Accreditation Requirements• WCO Implementing Guidelines• PEMC Training registration process and attendance monitoring• WCO Certification Program Updates
-----------------	---

WESM GOVERNANCE FUNDAMENTALS

TRAINING TYPE	REGULAR TRAINING
OBJECTIVE / DESCRIPTION OF TRAINING COURSES	<ul style="list-style-type: none">• The course intends to introduce to WESM stakeholders the electric power industry in the Philippines. This includes awareness on the Philippine Electricity Market Corporation’s (PEMC’s) structure and services as the governance arm of the WESM.
PROGRAM OUTLINE	<ul style="list-style-type: none">• Establishment of the WESM• Market Governance• Overview of Market Compliance Process• Overview of Market Assessment Process

WESM GOVERNANCE COMMITTEE PROCESSES

TRAINING TYPE	REGULAR TRAINING
OBJECTIVE / DESCRIPTION OF TRAINING COURSES	<ul style="list-style-type: none">• The course is intended to discuss the mandate, functions, and responsibilities of the WESM Governance Committees, processes involved, composition and activities undertaken.
PROGRAM OUTLINE	<ul style="list-style-type: none">• WESM Governance Committees<ul style="list-style-type: none">○ Mandate and Function○ Processes

Please note:

- All trainings offered are free of charge.
- Training schedules may change without prior notice.
- Training courses may be updated during the year, as proposed to and approved by the Compliance Committee.
- Course offerings are based on the PEMC-TSP Annual WCO Certification Program for 2024 – 2025 Version 8 approved by the Compliance Committee on 09 June 2025.

APPROVED ANNUAL WCO CERTIFICATION PROGRAM FOR 2024-2025



	<ul style="list-style-type: none">○ Composition○ Undertakings and Accomplishments
--	--

ORIENTATION ON MARKET COMPLIANCES

OBJECTIVE / DESCRIPTION OF TRAINING COURSES	The course intends to provide general concepts on enforcement and compliance processes, guidelines, and other market compliance updates.
PROGRAM OUTLINE	<ul style="list-style-type: none">• Introduction to Enforcement Proceedings<ul style="list-style-type: none">○ Roles of Responsible Entities○ Compliance Monitoring and Assessment (CMA) Process○ Investigation Process○ Post-Investigation Remedies (Requests for Reconsideration and Appeals)• Overview of TP Obligations in the WESM
EXPLANATION FOR GREATER CREDIT UNIT WEIGHT/POINTS	<ul style="list-style-type: none">• This training is given greater credit unit weight since the takeaways from this learning session are significant to all WESM stakeholders in the realization of their market obligations. This course will also provide latest updates on the market compliances which are crucial in terms of operations and governance of the energy market. Furthermore, presenters and resource speakers are experts in the field.

ELECTRICITY MARKET EXCHANGES (EMX) 2025

TRAINING TYPE	EVENTS
OBJECTIVE / DESCRIPTION OF TRAINING COURSES	<ul style="list-style-type: none">• The EMX aims to strengthen the market stakeholders’ appreciation and understanding of significant matters on market development, operations or governance through healthy discussions and exchanges.
PROGRAM OUTLINE	<ul style="list-style-type: none">• Opening Remarks• Keynote Speech• Omnibus Rules for Customer Choice Programs in the Retail Market• Insights from California ISO• Insights from New Suppliers

Please note:

- All trainings offered are free of charge.
- Training schedules may change without prior notice.
- Training courses may be updated during the year, as proposed to and approved by the Compliance Committee.
- Course offerings are based on the PEMC-TSP Annual WCO Certification Program for 2024 – 2025 Version 8 approved by the Compliance Committee on 09 June 2025.

APPROVED ANNUAL WCO CERTIFICATION PROGRAM FOR 2024-2025



	<ul style="list-style-type: none">• Retail Electricity Suppliers Association (RESA)• Customers' Perspective• Synthesis• Closing Remarks•
EXPLANATION FOR GREATER CREDIT UNIT WEIGHT/POINTS	N/A

COMPLIANCE POST-EVALUATION MONITORING SYSTEM (CPEMS)

TRAINING TYPE	REGULAR TRAINING
OBJECTIVE / DESCRIPTION OF TRAINING COURSES	<ul style="list-style-type: none">• The course intends to provide the fundamentals of CPEMS and a walk-through of the CPEMS modules.
PROGRAM OUTLINE	<ul style="list-style-type: none">• Overview of the Compliance Post-Evaluation and Monitoring System (CPEMS)<ul style="list-style-type: none">○ CPEMS Forms• CPEMS Live Demo

MARKET MONITORING INDICES AND REPORTS

TRAINING TYPE	REGULAR TRAINING
OBJECTIVE / DESCRIPTION OF TRAINING COURSES	<ul style="list-style-type: none">• The course intends to provide an overview of the market governance reports, market monitoring indices, and compliance forms.

Please note:

- All trainings offered are free of charge.
- Training schedules may change without prior notice.
- Training courses may be updated during the year, as proposed to and approved by the Compliance Committee.
- Course offerings are based on the PEMC-TSP Annual WCO Certification Program for 2024 – 2025 Version 8 approved by the Compliance Committee on 09 June 2025.

APPROVED ANNUAL WCO CERTIFICATION PROGRAM FOR 2024-2025



PROGRAM OUTLINE	<ul style="list-style-type: none">• Introduction to Market Monitoring• Market Monitoring Indices<ul style="list-style-type: none">○ Market Performance○ Supply (Generation) Indices○ Spot Market Price Indices○ Structural Competition Indices○ Supplier (Offer) Indices• Market Assessment Reports• Enforcement and Compliance Reports• Compliance Forms
EXPLANATION FOR GREATER CREDIT UNIT WEIGHT/POINTS	This training is given greater credit unit weight since the takeaways from this learning session are vital to all WESM stakeholders as they learn how each report reflects the effective monitoring of the energy market thereby understanding the factors affecting market trends. Furthermore, presenter and resource speakers are experts in the field.

TWO (2) – DAY SPECIAL TRAINING ON WESM GOVERNANCE-RELATED TOPICS

TRAINING TYPE	SPECIAL REQUEST TRAINING
OBJECTIVE / DESCRIPTION OF TRAINING COURSES	<ul style="list-style-type: none">• The first day of learning session will focus on providing fundamentals on WESM Governance, structure of the WESM Governance Arm including the WESM Governance Committees’ composition and function. Likewise, familiarization with the enforcement proceedings undertaken by the Enforcement and Compliance, and the determination of WESM members’ compliance rating shall be discussed.• The second day of learning session shall cover the WESM Compliance Obligations and Reserve Market Compliances. In addition, Penalty assessment and imposition in the WESM and Reserve Market shall also be presented

Please note:

- All trainings offered are free of charge.
- Training schedules may change without prior notice.
- Training courses may be updated during the year, as proposed to and approved by the Compliance Committee.
- Course offerings are based on the PEMC-TSP Annual WCO Certification Program for 2024 – 2025 Version 8 approved by the Compliance Committee on 09 June 2025.

APPROVED ANNUAL WCO CERTIFICATION PROGRAM FOR 2024-2025



PROGRAM OUTLINE	<ul style="list-style-type: none">• Day 1<ul style="list-style-type: none">○ WESM Governance Overview○ WESM Governance Committee Processes○ Enforcement and Compliance Office (ECO) Proceedings○ Compliance Rating• Day 2<ul style="list-style-type: none">○ WESM Compliance Obligations○ Reserve Market Compliance○ WESM and Reserve Market Penalty
EXPLANATION FOR GREATER CREDIT UNIT WEIGHT/POINTS	N/A

COMPLIANCE OBLIGATIONS IN THE WESM

TRAINING TYPE	REGULAR TRAINING
OBJECTIVE / DESCRIPTION OF TRAINING COURSES	<ul style="list-style-type: none">• The course intends to discuss the trading participants' obligations in the WESM and enforcement proceedings to be undertaken for non-compliance or breaches of the WESM Rules or relevant market manuals.
PROGRAM OUTLINE	<ul style="list-style-type: none">• Overview of Trading Participant's obligations in the WESM<ul style="list-style-type: none">○ Generator Classifications○ Dispatch Conformance Standards (DCS)○ Forecast Accuracy Standards (FAS)○ Look Ahead Submission (LAS)○ Offered Capacity Compliance (OCC)• Overview of WESM Penalty Mechanism• Overview of the WCO Certification Program

Please note:

- All trainings offered are free of charge.
- Training schedules may change without prior notice.
- Training courses may be updated during the year, as proposed to and approved by the Compliance Committee.
- Course offerings are based on the PEMC-TSP Annual WCO Certification Program for 2024 – 2025 Version 8 approved by the Compliance Committee on 09 June 2025.



MARKET OFFER REVISION MONITORING

TRAINING TYPE	REGULAR TRAINING
OBJECTIVE / DESCRIPTION OF TRAINING COURSES.	<ul style="list-style-type: none">The course discusses the importance of updating the market offers to ensure full compliance with the Must Offer Rule. The submission of market offers based on actual availability of the plants plays a crucial role in the scheduling and dispatching through the market optimization. It also contributes to maintaining the reliability of the grid as the market offers reflect the actual available capacity of the plant.
PROGRAM OUTLINE	<ul style="list-style-type: none">Overview of the Market Offer Revision MonitoringMarket Offer Revision Monitoring ProcessEnforcement Action
EXPLANATION FOR GREATER CREDIT UNIT WEIGHT/POINTS	This training is given greater credit unit weight since the takeaways from this learning session are vital to the generator trading participants with their full compliance with the Must Offer Rule. This course is an inaugural course offering relative to the new compliance monitoring on the market offer revision and breaker status monitoring undertaken by the Enforcement and Compliance Office. Further, it will enable the generator trading participants in making necessary efforts to be aware of their respective compliances and compel them to observe their market obligations, especially those that are recently implemented. Furthermore, presenters and resource speakers are experts in the field.

WESM PENALTY MECHANISM

TRAINING TYPE	REGULAR TRAINING
---------------	------------------

Please note:

- All trainings offered are free of charge.
- Training schedules may change without prior notice.
- Training courses may be updated during the year, as proposed to and approved by the Compliance Committee.
- Course offerings are based on the PEMC-TSP Annual WCO Certification Program for 2024 – 2025 Version 8 approved by the Compliance Committee on 09 June 2025.

APPROVED ANNUAL WCO CERTIFICATION PROGRAM FOR 2024-2025



OBJECTIVE / DESCRIPTION OF TRAINING COURSES	<ul style="list-style-type: none">The course is intended to discuss the procedures for the monitoring of forecast accuracy standards to be complied with by the must dispatch generating units with respect to their projected outputs and sanctions for non-compliance thereof. The course will complement the expertise of the generator-trading participants on the Procedures for the Monitoring of Forecast Accuracy Standards for Must Dispatch Generating Units Issue 3.0 and other related Department Circular issuances of the Department of Energy (DOE).
PROGRAM OUTLINE	<ul style="list-style-type: none">Legal BasisCalculationInterim ProcedureSanctions and PenaltiesResult Updates

FORECAST ACCURACY STANDARDS COMPLIANCE

TRAINING TYPE	REGULAR TRAINING
OBJECTIVE / DESCRIPTION OF TRAINING COURSES	<ul style="list-style-type: none">The course is intended to discuss the procedures for the monitoring of forecast accuracy standards to be complied with by the must dispatch generating units with respect to their projected outputs and sanctions for non-compliance thereof. The course will complement the expertise of the generator-trading participants on the Procedures for the Monitoring of Forecast Accuracy Standards for Must Dispatch Generating Units Issue 3.0 and other related Department Circular issuances of the Department of Energy (DOE).
PROGRAM OUTLINE	<ul style="list-style-type: none">Legal BasisCalculationInterim ProcedureSanctions and PenaltiesResult Updates

Please note:

- All trainings offered are free of charge.
- Training schedules may change without prior notice.
- Training courses may be updated during the year, as proposed to and approved by the Compliance Committee.
- Course offerings are based on the PEMC-TSP Annual WCO Certification Program for 2024 – 2025 Version 8 approved by the Compliance Committee on 09 June 2025.



COMPLIANCE RATING

TRAINING TYPE	REGULAR TRAINING
OBJECTIVE / DESCRIPTION OF TRAINING COURSES	<ul style="list-style-type: none">• The course intends to provide an overview on the incentives, recognition, and value to compliance as an important component in attaining the objectives of the WESM. This course also intends to promote a culture of compliance and integrity in the WESM.
PROGRAM OUTLINE	<ul style="list-style-type: none">• Criteria for Determining Compliance Rating• Guiding Principles• Compliance Rating Formula• Offered Capacity Compliance Formula• Dispatch Conformance Standard Formula• WCO Certification Guidelines Update
EXPLANATION FOR GREATER CREDIT UNIT WEIGHT/POINTS	This training is given greater credit unit weight since the takeaways from this learning session are significant to all WESM stakeholders as this course will include updates in the compliance rating formula, that is to include the Look Ahead Submissions Monitoring in the criteria. This course will also include additional topic on the latest updates on the Certification Guidelines. Furthermore, the presenter and resource speakers are experts in the field.

Please note:

- All trainings offered are free of charge.
- Training schedules may change without prior notice.
- Training courses may be updated during the year, as proposed to and approved by the Compliance Committee.
- Course offerings are based on the PEMC-TSP Annual WCO Certification Program for 2024 – 2025 Version 8 approved by the Compliance Committee on 09 June 2025.