



<b>COURSE TITLE</b>	Retail Competition and Open Access (RCOA) Training
<b>COURSE REQUIREMENT</b>	This course serves as an introductory training for all retail market participants and other interested parties; No course requisite is associated but attendance to Basic WESM Training is encouraged.  Interested parties must comply with the training enrollment process in order to be accommodated to the course.
<b>DURATION</b>	2 days (approximately 10 lecture hours +2.5 hours hands-on training + 0.5 hour for pre-lecture introductions, and time for diagnostic test and training evaluation)

### I. COURSE DESCRIPTION

This course will provide the trainees with the introduction on the basic principles governing the operations in the Retail Competition and Open Access (RCOA) regime in the Philippines. This training will include discussions on the provisions of relevant laws pertaining to the implementation of RCOA, the processes involved in the integration of retail market operations in the wholesale electricity spot market (WESM) and an introduction to the IT system that shall handle transactions between and among market participants.

### II. COURSE OUTLINE

#	TOPIC	DESCRIPTION	APPROX. LENGTH
<b>DAY 1</b>			
<b>I</b>	<b>Introduction</b>		<b>1 hour</b>
I-1 II-2	-Introduction to IEMOP -Fundamentals of electricity	Presentation about IEMOP, its functions and legal basis as IMO; Presentation of the IEMOP's structure and processes; Basic concept of electricity and the power system	1 hour
<b>II</b>	<b>Introduction to WESM</b>		<b>1 hour</b>
II-1 II-2 III-3 III-4	-Legal basis of WESM -Features of the WESM -Market structure -Membership and participation in the WESM -WESM Rules and Manuals	Overview on the legal basis for the establishment of WESM, the general features of WESM and the structure of the spot market; Introduction on the membership/participation in the WESM	1 hour
<b>Written/ Online Exercise</b>	<b>RCOA Diagnostic Quiz</b>		<b>45 mins</b>
<b>III</b>	<b>RCOA Fundamentals</b>		<b>2 hours</b>
III-1 III-2	-Basic concepts on RCOA -Electricity industry structure	Overview of RCOA; Illustration of the power system and its inter-relation to the retail electricity sector; List of important	2 hours



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#	TOPIC	DESCRIPTION	APPROX. LENGTH
III-3 III-4	-Establishment of the RCOA -Parties involved in RCOA	terms revolving around the establishment and implementation of RCOA; Difference of the old and new regime; Identification of the salient features of RCOA and WESM; Overview on the legal basis for the establishment and implementation of RCOA including EPIRA; Description of Parties involved in the RCOA; Overview on the design of RCOA and its linkage to the WESM	
<b>IV</b>	<b>RCOA Processes</b>		<b>5 hours</b>
IV-1 IV-1-A  IV-1-B  IV-1-C	Registration - <i>Contestability of customers and Qualifications of suppliers</i>  - <i>Categories and Participation</i> - <i>Registration process</i>	Overview on the eligibility of customers for contestability and qualifications for certification of suppliers   Overview on the categories of entities involved in RCOA and participation in the WESM   Overview on the registration process with the CRB	0.5 hours
IV-2 IV-2-A  IV-2-B  IV-2-C  IV-2-D	Customer Switching - <i>Application and coverage of customer switching</i> - <i>Conditions for customer switching</i> - <i>Customer switching process</i> - <i>Relocation of CCs</i>	Overview on the requirements for and processes involved in customer switching	0.5 hour
IV-3 IV-3-A IV-3-B IV-3-C	Failure of Supplier - <i>Last Resort Events</i> - <i>Transfer to Supplier of Last Resort (SoLR)</i> - <i>Conditions for SoLR Service</i>	Overview on the principles and processes involved in the transfer to SoLR in cases of last resort events	0.5 hour
<b>DAY 2</b>			
IV-4 IV-4-A  IV-4-B  IV-4-C	Metering - <i>Metering Specifications</i> - <i>Metering Data and Databases</i> - <i>Metering Process</i>	Overview on the requirements for and processes involved in Metering, including: - <i>Metering Timeline</i> - <i>Data Validation and Substitution</i> - <i>Site Specific Loss Adjustment</i>	2 hours
IV-5 IV-5-A IV-5-B IV-5-C IV-5-D IV-5-E	Settlement - <i>Settlement Principles</i> - <i>Settlement Process</i> - <i>Single Spot Settlement</i> - <i>Settlement Formulae</i> - <i>Net Settlement Surplus</i>	Overview on the principles and processes involved in the settlement for WESM transactions under RCOA, including Bilateral Contract Quantity (BCQ) declarations	1 hour



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	- <i>Prudential Requirements and WESM Bill</i>		
<b>V</b>	<b>Other RCOA Transactions</b>		<b>1 hour</b>
V-1 V-2 V-3	-RCOA-related processes -Disclosures of capacity and energy allocations by Distribution Utilities -Regulatory Updates	Samples in preparing the supply contracts and the general process involved in contracting, terminating supply contracts from other jurisdictions; Sample Retail Supply bills; Requirements for the disclosure of capacity and energy of the DUs and RES; RCOA-related Resolutions and Circulars	1 hour
<b>VI</b>	<b>Hands-On Training</b>		<b>2.5 hours</b>
VI-1	Central Registration and Settlement System (CRSS)	Overview on the CRSS, the IT system that shall handle transactions between and among retail market participants (i.e., registration, customer switching, metering, etc.)	2.5 hours