



PHILRECA

PHILIPPINE RURAL ELECTRIC COOPERATIVES ASSOCIATION, INC.
— The Philippines' Electric Cooperatives —

22 July 2024

ADVISORY 2024-A-073

FOR : THE GENERAL MANAGERS
MINDANAO ELECTRIC COOPERATIVES

ATTENTION: TECHNICAL SERVICES DEPARTMENT
INFORMATION TECHNOLOGY DEPARTMENT

SUBJECT : ADDENDUM TO THE NOTICE OF THE TRAINING
WORKSHOP ON SUPERVISORY CONTROL AND
DATA ACQUISITION (SCADA) SYSTEM

Greetings of Peace and Solidarity from PHILRECA!

This is in reference to our letter dated July 16, 2024 relative to the conduct of an on-site 2-day training workshop on the operation of Supervisory Control and Data Acquisition (SCADA) system, which will be held on **August 7-8, 2024 (Wednesday-Thursday), 8:00AM - 5:00PM at Misamis Oriental I Rural Electric Service Cooperative, Inc., Poblacion, Laguindingan, Misamis Oriental.**

Please be reminded that all delegates are requested to register through the link provided below:

<https://forms.gle/KzYgQauMpedGjtC86>

A registration fee of **Php 7,000.00** will be collected to cover the meals (*AM snack, lunch, PM snack for 2 days*) and other administrative expenses. Kindly deposit at:

Bank Details:		
BDO	Phil. Rural Electric Cooperative	003638013978
PNB	Association, Inc.	106170001169

Please send a copy of the deposit slip at core@philreca.org/philreca1979@gmail.com for validation.

Moreover, to help you decide where to stay during the duration of the training workshop, please refer on the link provided below with the list of hotels option and their corresponding contact numbers which you may consider.

https://docs.google.com/spreadsheets/d/1SuvIVPrNX2rmWB1W74k-9RkEcWi_1ITiD7eFe3AltWs/edit?usp=sharing

Attached herewith is the program for your reference. For other inquiries and/or concerns, you may reach Ms. Kathleen Cayat at 0916.266.6888 or Ms. Louella Cayat at 0939.905.2205, or via email at core@philreca.org/philreca1979@gmail.com.

"United We Stand, We Stand United."

2nd Floor, PNB Building, No. 92 West Avenue, Quezon City, Philippines
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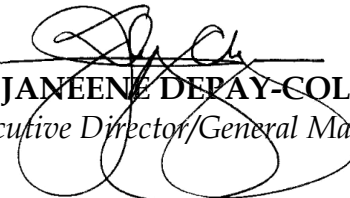
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LOGICT

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PROGRAM FOR MINDANAO

Day 1

TIME	ACTIVITY	IN-CHARGE
8:00AM-8:30AM	REGISTRATION	PHILRECA
8:35AM-8:40 AM	OPENING CEREMONIES	
	Invocation	PHILRECA
	National Anthem	PHILRECA
8:40AM-8:50AM	WELCOME REMARKS	PHILRECA
8:50AM-9:00AM	MESSAGE FROM THE NEA ADMINISTRATOR	NEA
9:00AM-10:30 AM		
PART I:		
1. SMARTGRID DISTRIBUTION UTILITY ROADMAP	- Dissecting SDUR components - Prioritization of technologies to implement	
2. SCADA OVERVIEW	- What is SCADA and Substation automation - Functions and Advantages of SCADA - Components of SCADA - What to expect before, during, and after implementation of SCADA	
3. WORKSHOP: HOW READY IS YOUR EC FOR SCADA (ASSESSMENT OF HARDWARE)	List down the following and group per substation (form will be provided) - Name of Substation - Number of Power Transformers - Number of Primary Protection - Number of Secondary Protection - Number of Feeders - Number of Recloser/LBS	MORESCO-1
10:30AM-12:00NN		
PART II:		
1. PRIORITIZATION OF SCADA IMPLEMENTATION	<i>ex. Phase 1: Substation 1</i> <i>Phase 2: Substation 2 & 3</i> - EC to identify what type, brand and specification of equipment they have PLC, Relays, DNP3 and other information. - Each EC's output will be presented, and trainers/consultant to suggest/recommend how to proceed - At the end of the workshop, the EC will have a knowledge, and can answer the following:	

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	a. Do we need to procure first a SCADA software OR we need to first upgrade our facility? b. What substations can we already implement SCADA? c. What are the specifications of these equipment to be procured d. Are my facilities ready for SCADA?	
12:00NN-1:00PM	LUNCH	
1:00PM-2:30 PM PART III: 1. SIGNIFICANT CONSIDERATION FOR SCADA SOFTWARE	• Basic features of SCADA Software to be specified • Advanced features of SCADA software must have but not yet needed • Cost of SCADA, Benefit Cost Analysis • TOR Preparation	MORESCO-1
2:30PM-4:00PM PART IV: 1. SCADA FEATURES OPTIMIZATION	• Coop's SCADA Integration with NEA's Digital Dashboard Command Center • Developing an Outage Management System through SCADA-GIS Integration • Utilizing SCADA Database System for the Coop's Own Data Analytics Dashboard • Demonstration of the above-mentioned SCADA features	MORESCO-1
4:00PM-4:30PM PART V: 1. TESTIMONIALS FROM SCADA USERS PART VI: 1. QUESTION & ANSWER Session		MORESCO-1
4:30PM-5:00PM PART VII: 1. WALK TOUR AT THE SCADA ROOM, DATA ANALYTICS		MORESCO-1

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DASHBOARD AND AUTOMATION PROJECTS		
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Day 2

TIME	ACTIVITY	IN-CHARGE
8:00AM-9:00AM	REGISTRATION	PHILRECA
9:00AM-12:00NN	PART I: TRAINING WORKSHOP	PARTNER COMPANY
12:00NN-1:00PM	LUNCH	
1:00PM-4:00PM	PART II: TRAINING WORKSHOP	PARTNER COMPANY
4:00PM-4:50PM	PART III: QUESTION & ANSWER Session	PARTNER COMPANY
4:50PM-5:00PM	CLOSING REMARKS	PHILRECA

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