

ANNEX Z - SCADA CHECKLIST PRIOR TO ERF APPLICATION

Completion Date: _____

PLANT DETAILS

Region	District	Site Name	Voltage Rating	Barangay	City	Province

PRELIMINARY DOCUMENTS REQUIRED

DOCUMENT:	Submitted:	Plant Remarks:	NGCP Remarks:
PLANT SLD (ASBUILT & SIMPLIFIED)	<input type="checkbox"/>		
SCADA ARCHITECTURE	<input type="checkbox"/>		
TELECOM ARCHITECTURE	<input type="checkbox"/>		
OTHERS: <i>(Please specify)</i>	<input type="checkbox"/>		

PLANT TO MASTER STATION LINK REQUIREMENTS

		Complied:	Plant Remarks:	NGCP Remarks:
Channel: LRCC, BLRCC & ACC	TCP/IP connection	<input type="checkbox"/>		
Protocol: DNP3	Integrity Poll - 5 minutes	<input type="checkbox"/>		
	Class 1, 2, 3 - 500 ms - 1 sec	<input type="checkbox"/>		
	Time Synchronization - 5 minutes	<input type="checkbox"/>		
Sequence of Events	Status Indication	<input type="checkbox"/>		
GPS Time Synchronization	via DNP3.0/NTP/IRIG-B/PTP	<input type="checkbox"/>		
Others: <i>(Please specify)</i>		<input type="checkbox"/>		

COMPLETION OF SCADA MONITORING BASED ON THE PROVIDED INPUT/OUTPUT LIST

- AS LOAD - Monitoring of Outgoing Line down to Main Transformer
- AS GENERATION - Complete monitoring based on the I/O List provided by NGCP

DATA TYPE:	Required activity	Initial Testing:	Final Testing:	Plant Remarks:	NGCP Remarks:
Analog	Validation of Analog Injected Values	<input type="checkbox"/>	<input type="checkbox"/>		
Status	Simulation of indication	<input type="checkbox"/>	<input type="checkbox"/>		
	Actual testing	<input type="checkbox"/>	<input type="checkbox"/>		
	Local Control (if required)	<input type="checkbox"/>	<input type="checkbox"/>		
	Remote Control w/ prioritization (if required)	<input type="checkbox"/>	<input type="checkbox"/>		
Others: <i>(Please specify)</i>		<input type="checkbox"/>	<input type="checkbox"/>		

STATEMENT OF AGREEMENT

Submission of this form means concurrence to the following: (1) we agree that above requirements should be complied prior to application of Energization Request Form (ERF) (2) Compliance to the above requirements shall be validated and approved by NGCP. (3) NGCP shall not be limited by the above requirements and is authorized to revise any of the above requirement or this form anytime if necessary to satisfy new grid requirements.

Submitted by (Plant): _____

Approved by(NGCP): _____

Name and Signature / Date

Name and Signature / Date