Data Verification Sheet for New Energy Meter Installation

Name of Generating plant -

TG /DG capacity	
Make	
Serial no	
Date of intial inspection	
Meter location	
Meter Installation date	
Meter Sl no	
Meter Make	
Accuracy class	
voltage	
Current	
Meter CT ratio	
Meter PT ratio	
Meter reading (in KWH/MWH)	
Meter Testing date	
Meter reading after testing	
Next due date of testing of meter	

CT& PT details-

CT make	
CT Serial No	
CT ratio	
Accuracy class	
CT testing date	
Next Due date of testing	

PT make	
PT Serial No	
PT ratio	
Accuracy class	
PT testing date	
Next due date of testing	

Multiplication factor =

MF= (External CT Ratio/Meter CT Ratio)×(External PT Ratio/Meter PT Ratio) x 1 if meter reading in KWH

= (External CT Ratio/Meter CT Ratio)×(External PT Ratio/Meter PT Ratio) x 1000 if meter reading in MWH

Seal details -

Sealing point	Seal nos
meter body with cover	
meter terminal cover	
meter test terminal block	
meter cabinet/panel	
CT terminal box	
PT terminal box	
Junction box if any	
Any other	

After installation of meter the readings of the following parameter are -

Parameter	At the time of Generator start running	After one hour
Meter reading (in KWH/MWH)		
V1 in KV		
V2 in KV		
V3 in KV		
I1 in Amp		
I2 in Amp		
I3 in Amp		
PF 1		
PF2		
PF3		
Generation in one hour in MWH		
Demand in MW		

Whether Dump data is collected – yes/no

- ✓ The generating plant will provide accurate monthly reading data along with the date stamped photograph.
- ✓ The SLD of metering system with all details will be submitted to the office of inspecting authority.
- ✓ The Meter, CT, and PT will be tested before the due date by submitting a requisition to the STL team, under intimation to your office.

NOTE:

a. Electricity Duty is levied and paid to State Government on the energy consumed by a consumer as per Section 3 of Odisha Electricity Duty Act, 1961.
b. Rule 7(2) of The Odisha Electricity (Duty) Rules, 1961: A person who generates energy for his own use or consumption shall submit the monthly return in duplicate in Form-J annexed thereto, within 7 days from the date of expiry of the preceding month to the concerned Inspecting Officer.
c. Rule 3(7) of The Odisha Electricity (Duty) Rules, 1961: The Electricity Duty shall be deposited within 30 days of expiry of the month of generation in the Government Treasury under the head "0043-00-101-0034-01006-000" by the person who generates such electricity and he shall send a copy of e-challan to the concerned Inspecting Officer.
d. As per Section 5 of the said act, where Electricity Duty is not paid to the State Government with the prescribed period the licensee or such person shall be liable to pay interest at the rate of 18 percent per annum after expiry of the prescribed period on the amount of the ED remaining so unpaid until the payment thereof is made.

Signature of inspecting officer

Signature of Plant Authority

Data Verification Sheet for replacement of energy meter/CT/PT of metering System

(To confirm the verification of metering system)

Name of Generating plant -

Reason for replacement of Meter/CT/PT (tick whichever is applicable)- Meter/CT/PT failure

Date of Meter/CT/PT failure -

Date of replacement -

TG /DG capacity		
Make		
Serial no		
Date of last visiting date		
Date of replacement		
For meter Replacement		
	Details of Old Energy Meter	Details of New Meter
Meter Installation date		
Meter Sl no		
Meter Make		
Accuracy class		
voltage		
Current		
Meter CT ratio		
Meter PT ratio		
Meter reading (in KWH/MWH)	Last reading before defective	After functional
Defective period generation (from log book)		NA
Meter Testing date	Last testing date of old meter	
Meter reading after testing		
Next due date of testing of meter	NA	

For CT Replacement -

	Old one	New one
CT make		
CT Serial No		
CT ratio		
Accuracy class		
CT testing date		
Next Due date of testing	NA	

For PT Replacement -

	Old one	New one
PT make		
PT Serial No		
PT ratio		
Accuracy class		
PT testing date		
Next due date of testing	NA	

Multiplication factor =

Before replacement	**After replacement**

Seal details -

	BEFORE REPLACEMENT	AFTER REPLACEMENT
Sealing point	Seal nos	
meter body with cover		
meter terminal cover		
meter test terminal block		
meter cabinet/panel		
CT terminal box		
PT terminal box		
Junction box if any		
Any other		

After replacement of meter/CT/PT the readings of the following parameter are -

Parameter	At the time of Generator start running	After one hour
Meter reading (in KWH/MWH)		
V1 in KV		
V2 in KV		
V3 in KV		
I1 in Amp		
I2 in Amp		
I3 in Amp		
PF 1		
PF2		
PF3		
Generation in one hour in MWH		
Demand in MW		

The removed meter has been taken into custody for testing and extraction of the dump data. Based on the retrieved data, the assessment of Electricity Duty for the faulty period will be carried out, and the corresponding duty will be payable.

After completion of all applicable procedures, the meter will be handed over to you.

Signature of inspecting officer

Signature of Plant Authority

Quarterly Data Verification Sheet of Metering System(Energy meter/CT/PT) for the Fy-------

Name of Generating plant -

TG /DG capacity		
Make		
Serial no		
Date of last visiting date		
Periodical visit date(1^{st}/2^{nd}/3^{rd}/4^{th} quarter)		
	Details of Energy meter during last visit	Details of Energy meter on the date of visit
Meter Installation date	-	-
Meter Sl no		
Meter Make		
Accuracy class		
voltage		
Current		
Meter CT ratio		
Meter PT ratio		
Meter reading (in KWH/MWH)		
Last Meter Testing date (within due date or not)		
Meter reading after testing		
Next due date of testing of meter		

CT details-

	Details during last visit	On the date of visit
CT make		
CT Serial No		
CT ratio		
Accuracy class		
CT testing date		
Next Due date of testing		

PT details -

	Details during last visit	On the date of visit
PT make		
PT Serial No		
PT ratio		
Accuracy class		
PT testing date		
Next due date of testing		

Seal details -

	Details during last visit	On the date of visit
Sealing point	Seal nos	Seal nos
meter body with cover		
meter terminal cover		
meter test terminal block		
meter cabinet/panel		
CT terminal box		
PT terminal box		
Junction box if any		
Any other		

The readings of the metering parameter are -

Parameter	during last visit	On the date of visit
Meter reading (in KWH/MWH)		
V1 in KV		
V2 in KV		
V3 in KV		
I1 in Amp		
I2 in Amp		
I3 in Amp		
PF 1		
PF2		
PF3		
Generation in one hour in MWH		
Demand in MW		

The meter dump has been taken on dated in (1st/2nd/3rd/4th quarter) for the FY_____.

In the event that any discrepancies are identified in the dump data, the matter will be investigated. If necessary, an assessment of Electricity Duty will be conducted in accordance with the provisions of the OED Act, and a demand notice will be issued. The plant shall be liable to make the payment.

Signature of inspecting officer

Signature of Plant Authority