

LUZON SYSTEM OPERATIONS DEPARTMENT

CONVENTIONAL GENERATOR DATA FORM

STATION : _____
 LOCATION : _____
 UNIT No. : _____
 RATING : _____ MVA
 : _____ KV
 : _____ p.f
 : _____ rpm

MAXIMUM : _____ MW MINIMUM : _____ MW
 : _____ MVAR : _____ MVAR

A. GENERATOR MODEL DATA	
TIME CONSTANT	Seconds
Direct Axis Transient Time Constant at Open Circuit	
Quadrature Axis Transient Time Constant at Open Circuit	
Direct Axis Subtransient Time Constant at Open Circuit	
Quadrature Axis Subtransient Time Constant at Open Circuit	

REACTANCES (Unsaturated)	%
Direct Axis Synchronous	
Quadrature Axis Synchronous	
Direct Axis Transient	
Quadrature Axis Transient	
Direct Axis Subtransient	
Quadrature Axis Subtransient	
Negative Sequence, X2	
Zero Sequence, Xo	
Stator Leakage	

INERTIA H : _____ kW-S/kVA SPEED DAMPING D : _____
 (referred to low speed side)

Refer Generator documents

B. OTHERS: (Kindly provide data also for entries appearing below.)

- Excitation System Model Data
- Turbine & Generator Model Data
- Power System Stabilizer Model Data
- Capability Curve
- Saturation Curve

REMARKS: _____

Prepared by:

Name: _____

Position/Station: _____

Date: _____