



**LEGEND:-**

- GRID
- TRANSFORMER
- DIESEL GENERATOR (DG)
- HV. CIRCUIT BREAKER
- LV. CIRCUIT BREAKER
- STATIC LOAD
- CABLE
- LUMP LOAD (MAINLY MOTOR LOAD)
- 20+JIS
- kVAR
- kW

**ABBREVIATION USED:-**

MV CAB	MV CABLE
LVC/PVC	LV CABLE
TX	132/22KV TRANSFORMER
T	22/0.433KV TRANSFORMER

**NOTES:-**

- THIS SLD SHALL BE READ IN CONJUNCTION WITH ETAP CONTROL REPORT ATTACHED IN ANNEXURE-I.
- BUS VOLTAGES ARE INDICATED IN TERMS OF % OF RATED VOLTAGE OF 22KV OR 415V AS APPLICABLE.

Rev.	DATE	DESCRIPTION	APPR.
B	02.08.2019	REVISED AS PER COMMENT	
A	21.05.2019	ISSUED FOR APPROVAL	

Before commencing work, all controlling dimensions on the drawings must be verified on the site, particularly those relative to property alignments, other structures and services.

Figured dimensions take preference over scaled, in case of doubt obtain clarification.

This drawing is confidential and shall only be used for the purposes of this project



Project Title :  
 ميناء حمد  
 HAMAD PORT

Program Management Consultant :  
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Sub - Consultant :

CONTRACT NO. HPP/002/VO/023  
 ENGINEERING DESIGN SERVICES

Drawing Title : VISITOR CENTRE SUBSTATION  
 LOAD FLOW STUDY  
 ETAP SLD - CASE-1

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THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE COMPANY QUALITY ASSURANCE SYSTEM

DESIGN	DRAWN	CHKD.	APPR.	APPH.	DATE
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CAD REF:  
 Drawing Status: FOR APPROVAL  
 ORIG DOC SIZE : A1

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