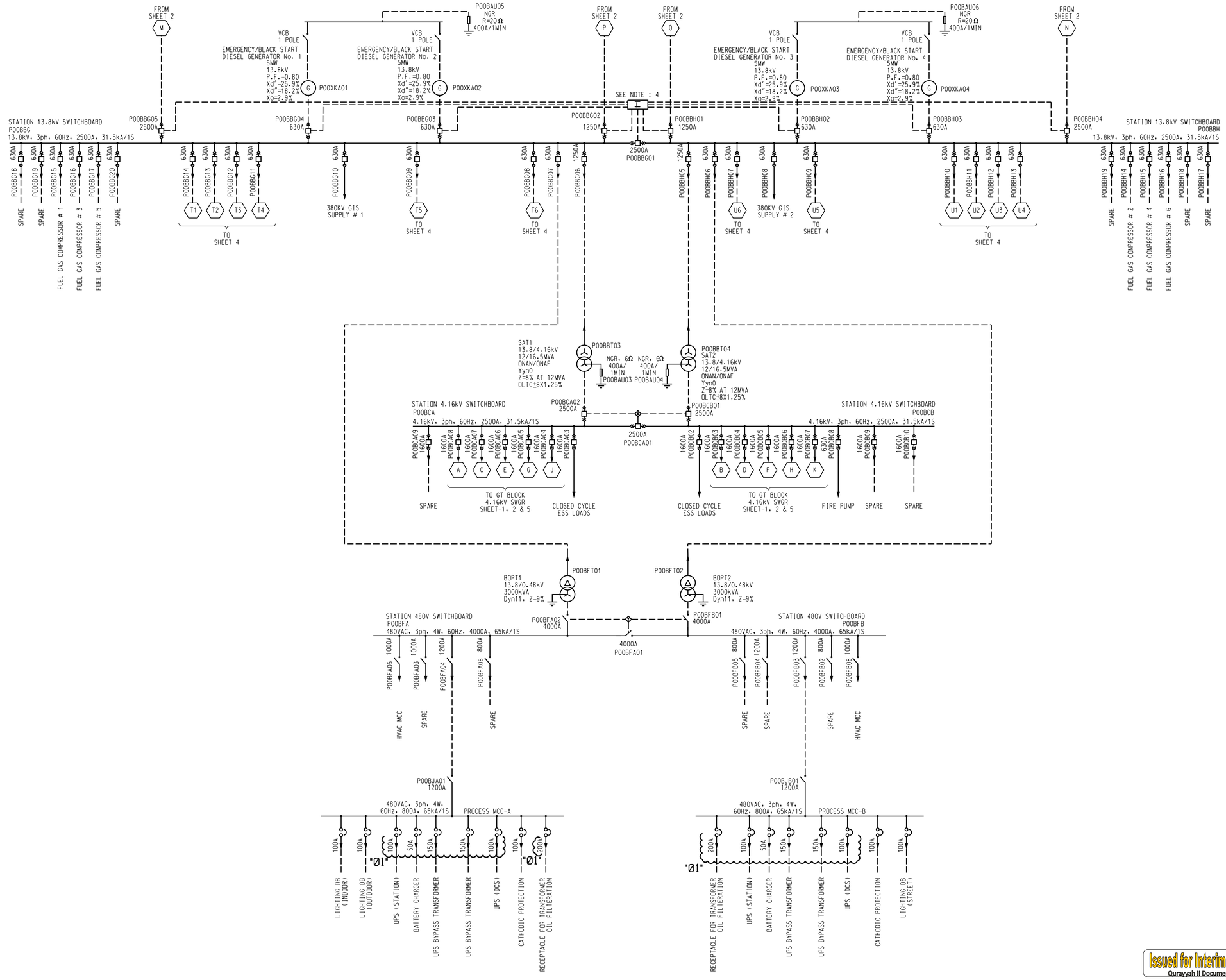
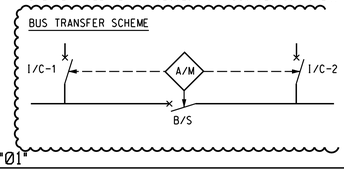
JOB ORDER NO.	INDEX	PLANT NO.	DRAWING NUMBER	SHEET NO.	REV. NO.
1-0623007.02	P	G-003	EA-790700	3 of 5	01



NOTES

1. AUTOMATIC/MANUAL TRANSFER SCHEME IS PROVIDED. AUTOMATIC CHANGE OVER WILL BE CONTROLLED BY BUS UNDER VOLTAGE RELAY. TRANSFER WILL BE BLOCKED IF INCOMER BREAKER HAS TRIPPED ON ANY OVERCURRENT /PROTECTION TRIP
2. INCOMER BREAKER & BUS SECTION BREAKER SHALL BE ELECTRICALLY INTERLOCKED TO ALLOW ANY 2 OUT OF 3 BREAKER TO BE CLOSED AT ONE TIME (MOMENTARY PARALLEL OF 3 BREAKER MAY OCCUR DURING MANUAL TRANSFER). UNDER NORMAL CONDITION BOTH INCOMER BREAKER WILL REMAIN CLOSED WITH BUS SECTION OPEN.

BUS TRANSFER SCHEME



"01"

LEGEND

"01"

REFERENCE DRAWINGS

DRAWING TITLE	DRAWING NO.
GAS TURBINE ONE LINE DIAGRAM	207D3539
34.5kV SWGR SINGLE LINE DIAGRAM	EA-790703
13.8kV SWGR SINGLE LINE DIAGRAM	EA-790704
4.16kV STATION SWGR SINGLE LINE DIAGRAM	EA-790705
4.16kV UNIT SWGR SINGLE LINE DIAGRAM	EA-790706
480V UNIT SWGR SINGLE LINE DIAGRAM	EA-790707
480V CCR SWGR SINGLE LINE DIAGRAM	EA-790708
480V FUEL FORWARDING PUMP BLDG SWGR SLD	EA-790709
480V WORKSHOP BLDG MCC SINGLE LINE DIAGRAM	EA-790710
480V ADMINISTRATION BLDG MCC SLD	EA-790711
480V WATER TREATMENT PLANT BLDG MCC SLD	EA-790712
480V H2 GENERATOR PLANT SWGR SLD	EA-790713
480V EBSDG SWGR SINGLE LINE DIAGRAM	EA-790714
PHASING & VECTOR GROUP DIAGRAM	EA-790799
ABB- GENERATOR CIRCUIT BREAKER	99501371
ZAHID DIESEL GENERATOR SINGLE LINE DIAGRAM	LATER

AS-BUILT BY _____ DATE _____

REV. NO.	DATE	BY	DESCRIPTION	CHKD.	CERT.	APPD.
01	11/01/08	KAV	ISSUED FOR CONSTRUCTION	RSG	---	---
00	05/23/08	HBS	ISSUED FOR CONSTRUCTION	RSG	---	---

الشركة السعودية للكهرباء

Saudi Electricity Company

DRAWN BY HBS CHECKED BY RSG SCALE: NONE

DATE STARTED _____ DATE COMPLETED _____

OPR'G. DEPT. _____ ENG. DEPT. ELECTRICAL

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR FOR ORDERING MATERIAL UNTIL CERTIFIED AND DATED

APPROVAL/CERTIFICATION INFORMATION

DDC NO. _____ REV. NO. _____

Issued for Interim Construction
Qurayyah II Document Control Dept.

CONTRACTOR/INSTALLER SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING CONTRACTOR'S/INSTALLER'S PERSONNEL (OR THAT OF ITS SUBCONTRACTOR(S)) PERFORMING THE WORK.

ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY LLC IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY LLC

SINGLE LINE DIAGRAM
OVERALL
QURAYYAH COMBINED CYCLE POWER PLANT
QURAYYAH SAUDI ARABIA

JOB ORDER NO.	INDEX	PLANT NO.	DRAWING NUMBER	SHEET NO.	REV. NO.
1-0623007.02	P	G-003	EA-790700	3 OF 5	01

SEC-A (2004/10)

DMS VECTOR SECA00

THIS DRAWING AND THE INFORMATION CONTAINED HEREIN ARE THE SOLE PROPERTY OF SAUDI ELECTRICITY CO. NO REPRODUCTION IN FULL OR IN PART SHALL BE OBTAINED FROM THIS DOCUMENT WITHOUT THE WRITTEN CONSENT OF ITS OWNER.