

UPS

SINGLE LINE DIAGRAM

LEGEND									
REFERENCE DRAWING					DRG. No.				
SPECIFICATION FOR UPS SYSTEM					BK-GNRL-PEDCO-000-EL-SP-0003				
CALCULATION NOTE FOR UPS SYSTEM					BK-GCS-PEDCO-120-EL-CN-0004				
DATA SHEET FOR UPS					BK-GCS-PEDCO-120-EL-DT-0001				
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REV.	DESCRIPTION	BY	DATE	BY	DATE				
		CHECKED			REV. APPR.				
اصل و کلیه نسخ این نقشه و حق افشایی متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد. THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS									
BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION									
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.					
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED									
APPROVED FOR CONSTRUCTION				BY:		DATE:			
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.		SHEET	REVISION		
053-073-9184	F	2	P	709038		01 OF 04	D01		

TABULATION OF REVISED PAGES

PAGE	REV. 00	REV. 01	REV. 02	REV. 03
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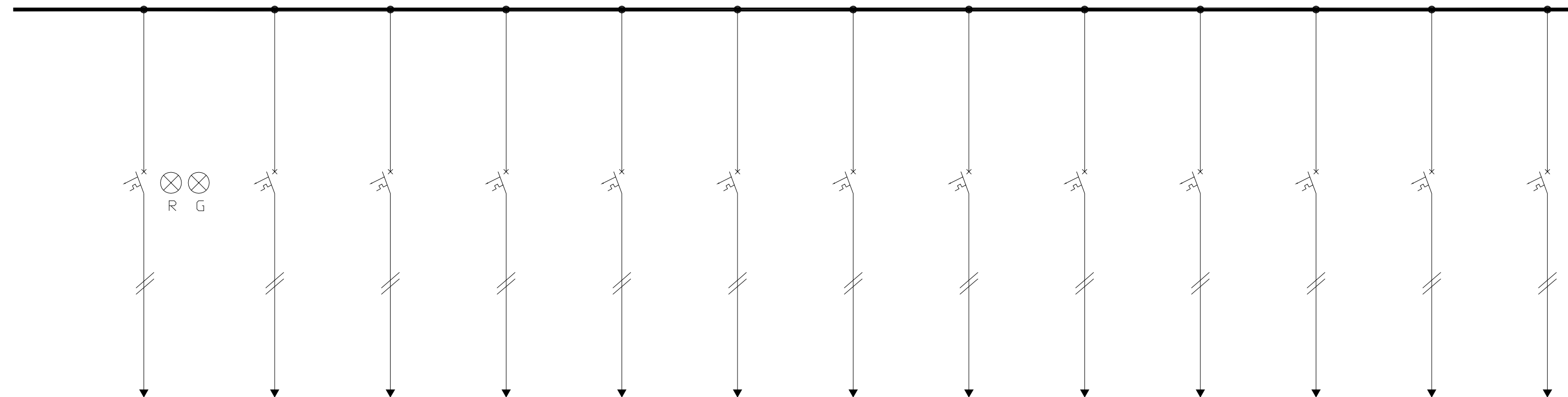
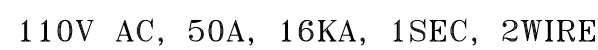
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NOTES

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[illegible]

(VENDOR TITLE BLOCK)**

CATEGORY[illegible]

NOTES

- 1- MANUAL BYPASS SWITCH SHALL BE CONSIDERED MAKE BEFORE BREAK TYPE.
- 2- THE OVERALL ALARM/FAULT SIGNAL SHALL BE SENT TO PROCESS CONTROL SYSTEM (PCS) PANEL BY DRY CONTACT.
- 3- OUTPUT FEEDERS TO PCS PANEL SHALL BE CONSIDERED DOUBLE AND SEPARATE.
- 4- AC STABILIZER SHALL BE CONSIDERED SERVO CONTROL TYPE.
- 5- UPS SHALL BE CONSIDERED 12 PULSE.
- 6- CABLE SIZES SHALL BE CONSIDERED AFTER FINALIZING "CALCULATION NOTE FOR CABLE SIZING" DOC. NO "BK-GCS-PEDCO-120-EL-CN-0003"
- 7- THIS SINGLE LINE DIAGRAM IS VALID FOR 110 VAC.
- 8- ALL DEVICES SHALL BE PROVIDED BY VENDOR
- 9- INTERLOCKS WILL BE SIZED TO INHIBIT BATTERY BOOST CHARGE IF BATTERY ROOM VENTILATION IS OUT OF SERVICE.
- 10- AUTOMATIC BATTERY ISOLATION FACILITY SHALL BE PROVIDED FOR INCOMING MCCB OF BATTERY BANK. INCOMING MCCB OF BATTERY BANK SHALL BE OPEN WHEN F&O SYSTEM SEND BATTERY ISOLATION SIGNAL TO THE UPS.
- 11- AN EARTH FAULT MONITORING SHALL BE CONSIDERED FOR EVERY 10 FEEDERS FOR EASY OF FINDING FAULTY BRANCH.
- 12- METERING AND PROTECTION SYSTEM SHALL BE COMPLETED BASED ON AC UPS SPECIFICATION AND DETAILED INFORMATION SHALL BE INDICATED ON VENDOR DRAWING.
- 13- THE BODY OF PANELS SHALL BE EARTHED DIRECTLY FROM TWO POINT

LEGEND	
	SHUNT
	INVERTER
	CHARGER
	AC STABILIZER
	STATIC SWITCH
	BATTERY
	SWITCH FUSE
	CIRCUIT BREAKER
	FUSE
	DIODE
	CONTRACTOR
	CABLE
	ELECTRICAL CONNECTION
	AMMETER
	VOLTMETER
	CURRENT TRANSFORMER
	EARTH FAULT RELAY
	OVER VOLTAGE RELAY
	UNDER VOLTAGE RELAY
	TRANSFORMER
	FREQUENCY METER (DIGITAL TYPE)
	SURGE ARRESTER
	RADIO FREQUENCY INTERFACE

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