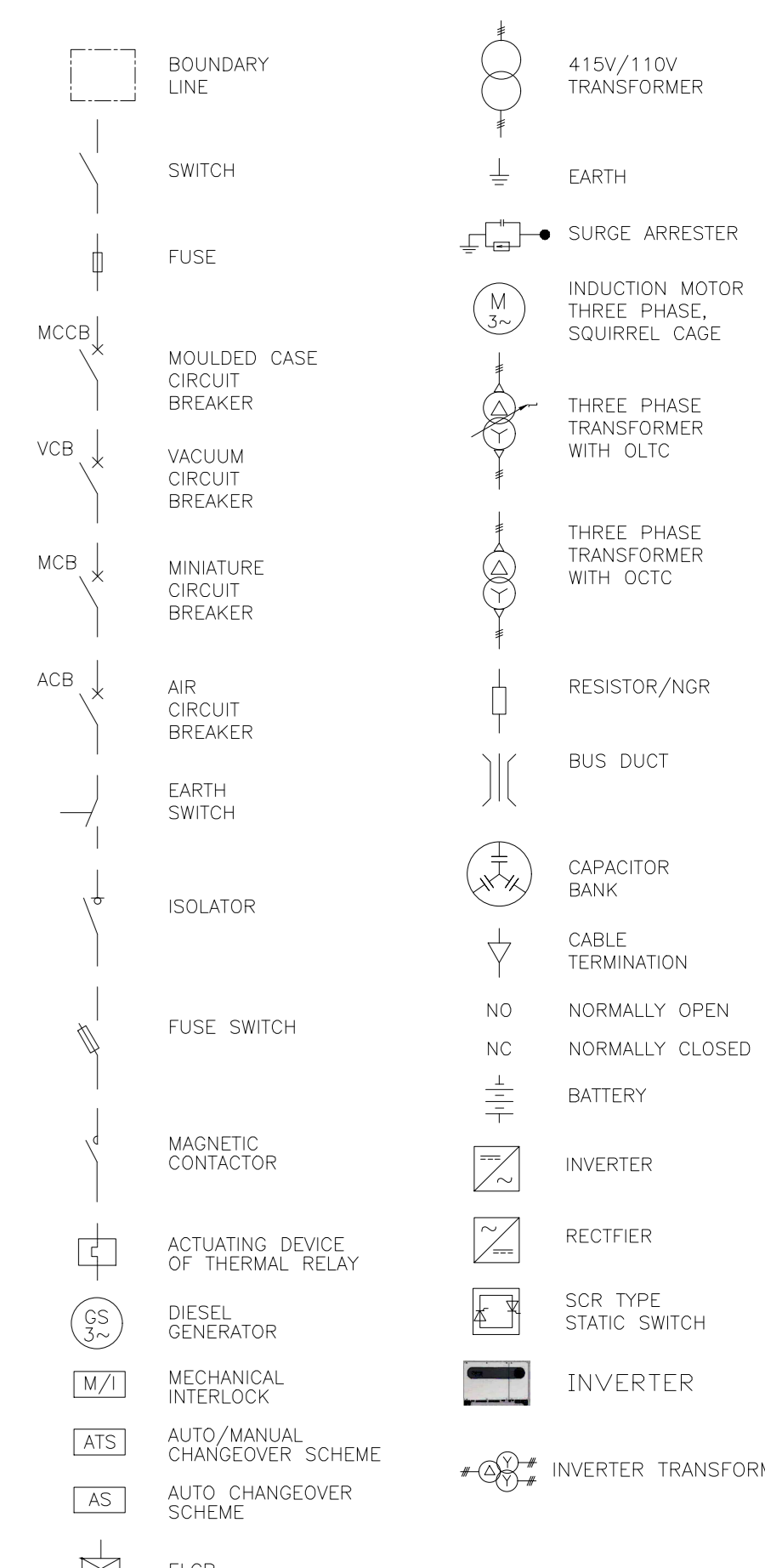


NOTES :

- EQUIPMENT SHOWN IN DOTTED ARE FOR TRAIN-3 FOR WHICH FLOOR SPACE IS TO BE PROVIDED AT SUBSTATION
- TYPICAL OUTGOING FEEDERS, BUS PT/LINE FT ALONG WITH ALL PROTECTION AND METERS ARE SHOWN IN THE INDIVIDUAL SWITCH-BOARD SLD.
- POWER SUPPLY FOR MOTORS WILL BE AS FOLLOWS:
 MW MOTORS (P > 150KW) : 6.6KV SWITCHBOARD, VCB CONTROLLED
 KW MOTORS (P < 150KW) ACS CONTROLLED.
 MW MOTORS (P < 150KW) CONTRACTOR CONTROLLED.
- CBCT CONNECTED TO A SENSITIVE EARTH FAULT RELAY SHALL BE PROVIDED FOR MOTOR FEEDERS 15kW & ABOVE UP TO 150kW.
- EARTH LEAKAGE PROTECTION DEVICE (ELCB) SHALL BE PROVIDED FOR FEEDERS ABOVE 5kW & UP TO 15kW MOTOR FEEDERS & ABOVE 5kW & UP TO 15kW POWER FEEDERS & ABOVE
- IN CASE OF POWER FAILURE (POWER FAILURE OF PNCIP GRID) THE EMERGENCY DIS SET TOTAL EMERGENCY LOAD AUTOMATICALLY/MANUALLY AS PER DG OPERATING PHILOSOPHY.
- ELECTRICAL CONNECTIONS TO ISOLATOR (ISO-1) DRAWING MOTOR IS DISCONNECTED.

LEGEND :



REFERENCE DRAWINGS/DOCUMENTS

TITLE	DWG./DOC. No.	REV. NO.
SINGLE LINE DIAGRAM - 33KV GIS	D-6291-EL-051002	2
HT-0911(PNCP) SUBSTATION SS-09	D-6291-EL-051003	2
SINGLE LINE DIAGRAM - 33KV GIS	D-6291-EL-051004	2
A82-HV-101A/B (SBR SUBSTATION)	D-6291-EL-051004	2
SWITCHGEAR A82-HV-201	E-6291-EL-051005	2
SINGLE LINE DIAGRAM - 415V SWITCHGEAR A82-MCC-301 & A82-MCC-302	E-6291-EL-051006	3
SINGLE LINE DIAGRAM - 415V SWITCHGEAR A82-MCC-302	E-6291-EL-051007	3
SINGLE LINE DIAGRAM - 415V SWITCHGEAR A82-PCC-301 & A82-PCC-302	E-6291-EL-051008	2
SINGLE LINE DIAGRAM - 415V SWITCHGEAR A82-MCC-301	E-6291-EL-051009	2
SINGLE LINE DIAGRAM - 415V SWITCHGEAR A82-EMCC-301 & A82-EMCC-302	E-6291-EL-051010	2
SINGLE LINE DIAGRAM - MLDB 1	D-6291-EL-051011	3
SINGLE LINE DIAGRAM - ASB	D-6291-EL-051012	3
SINGLE LINE DIAGRAM - 415V MCC FOR ETP PLANT	D-6291-EL-051014	2
SINGLE LINE DIAGRAM - 800V/6.6KV SOLAR POWER PLANT	OPPL-ISRPL-AC-ED-01	5

AS BUILT

REV	DESCRIPTION	DATE	BY	CHKD	DATE	ISSUE	DATE
1	AS BUILT	01/03/23					

REV	DESCRIPTION	DATE	BY	CHKD	DATE	ISSUE	DATE
1	AS BUILT	01/03/23					

OWNER : INDIAN SYNTHETIC RUBBER LIMITED

PROJECT IMPLEMENTER : INDIAN OIL CORPORATION LIMITED.

LICENSOR : TSCR CORPORATION, TAIWAN

CONSULTANT : UHDE INDIA PRIVATE LIMITED

ISSUE ABBR: C=CLIENT, F=FIELD, E=ENGINEER, R=REVISION, S=STATUS, D=DATE, I=ISSUE, M=MODIFY, P=PROJECT, T=TITLE, U=USER, V=VERSION, W=WORK, X=EXTRA, Y=YEAR, Z=ZONE

DATE : 15/04/2023

OWNER : INDIAN SYNTHETIC RUBBER LIMITED

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DATE : 15/04/2023

OVERALL SINGLE LINE DIAGRAM