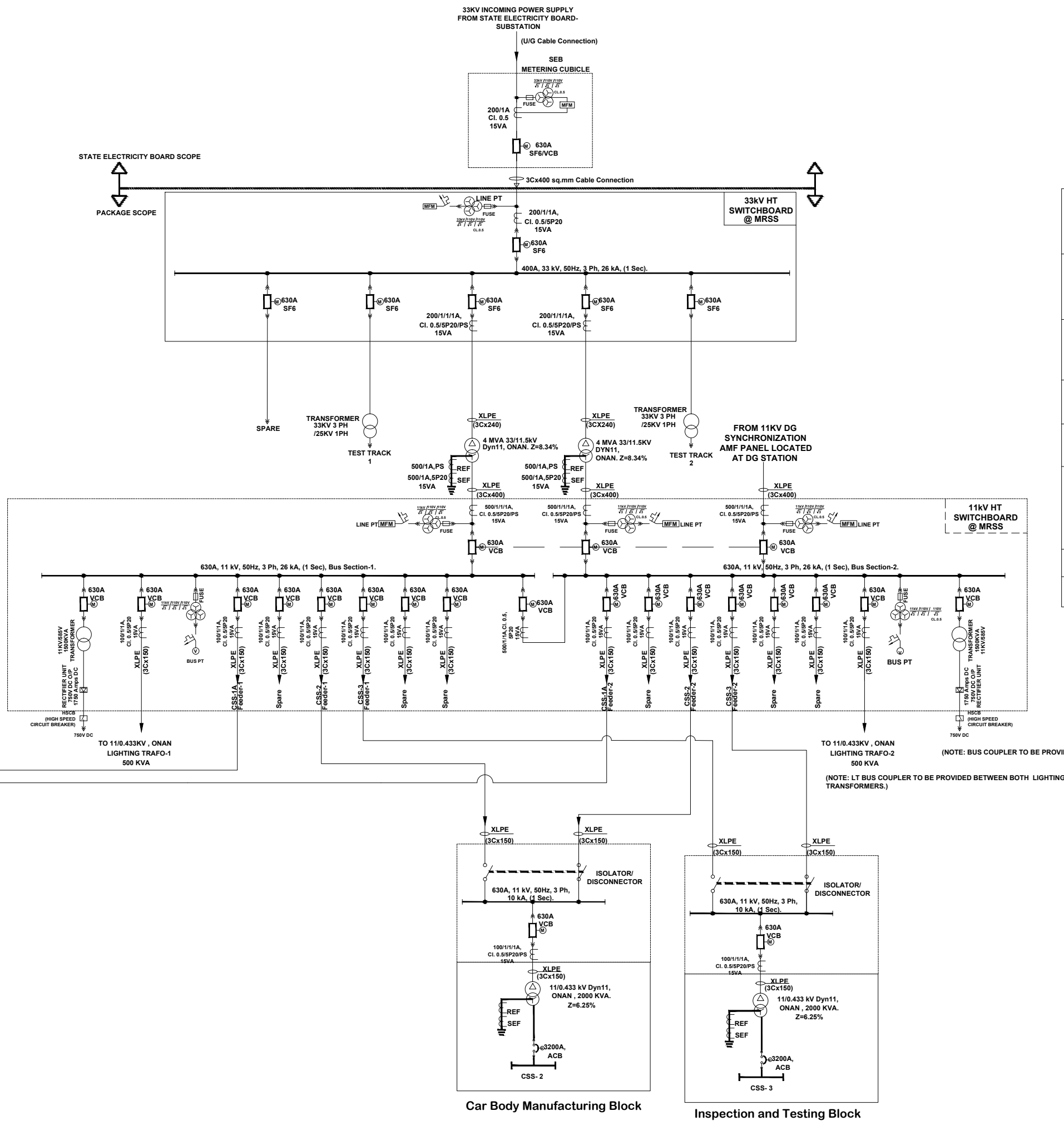


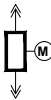
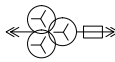
### KEY PLAY

**NOTE :**

1. All dimensions are in MM unless otherwise mentioned



### LEGEND

|                                                                                       |                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <b>MOTORISED SF6/VACUUM CIRCUIT BREAKER - DRAW OUT TYPE</b>                                                                                                                                                                                  |
|    | <b>11 KV ISOLATOR SWITCH</b>                                                                                                                                                                                                                 |
|    | <b>MOTORISED AIR CIRCUIT BREAKER - DRAW OUT TYPE</b>                                                                                                                                                                                         |
|    | <b>TWO WINDING POWER/DISTRIBUTION TRANSFORMER</b>                                                                                                                                                                                            |
|    | <b>THREE WINDING POTENTIAL TRANSFORMER STAR - STAR WITH FUSE</b>                                                                                                                                                                             |
|    | <b>MICRO PROCESSOR BASED MULTI FUNCTION METER WITH FOLLOWING: AMMETER, VOLT METER, ACTIVE POWER (I&amp;P &amp; EMP), MEGAVAR (I &amp; E), MEGAWATT AMPERE REACTIVE HOUR (I&amp; E), FREQUENCY, PREDICTIVE LOAD MANAGEMENT, PF METER ETC.</b> |
|   | <b>CURRENT TRANSFORMER</b>                                                                                                                                                                                                                   |
|  | <b>MCB</b>                                                                                                                                                                                                                                   |

### OVERALL POWER DISTRIBUTION SCHEME

|  |  |  |  |  |  |
|--|--|--|--|--|--|
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

|     |          |                        |    |     |     |     |
|-----|----------|------------------------|----|-----|-----|-----|
| REL | 27-11-25 | SUBMITTED FOR APPROVAL | YM | YM  | YM  | REL |
| REV | DATE     | DESCRIPTION            | BY | CHK | RVW | APP |

REVISION

CLIENT



**BEML LIMITED**  
**BANGALORE**

**COMPREHENSIVE DETAILED  
PROJECT REPORT (DPR) FOR  
ESTABLISHING A  
STATE-OF-THE-ART  
GREENFIELD ROLLING STOCK  
MANUFACTURING PLANT AT  
BHOPAL, MADHYA PRADESH**

TITLE

### SINGLE LINE DIAGRAM

### KEY POWER DISTRIBUTION SCHEME

|                  |             |              |              |
|------------------|-------------|--------------|--------------|
| DRAWN: YM        | CHECKED: YM | REVIEWED: YM | APPROVED: IR |
| DATE: 27-11-2025 |             | SCALE :      | SIZE: A0     |

|                                       |          |
|---------------------------------------|----------|
| DRAWING No.:                          | REVISION |
| MEC-I/0047-01-E1-D1-ZZ-ZZZ-DR-E-07220 | R01.0    |