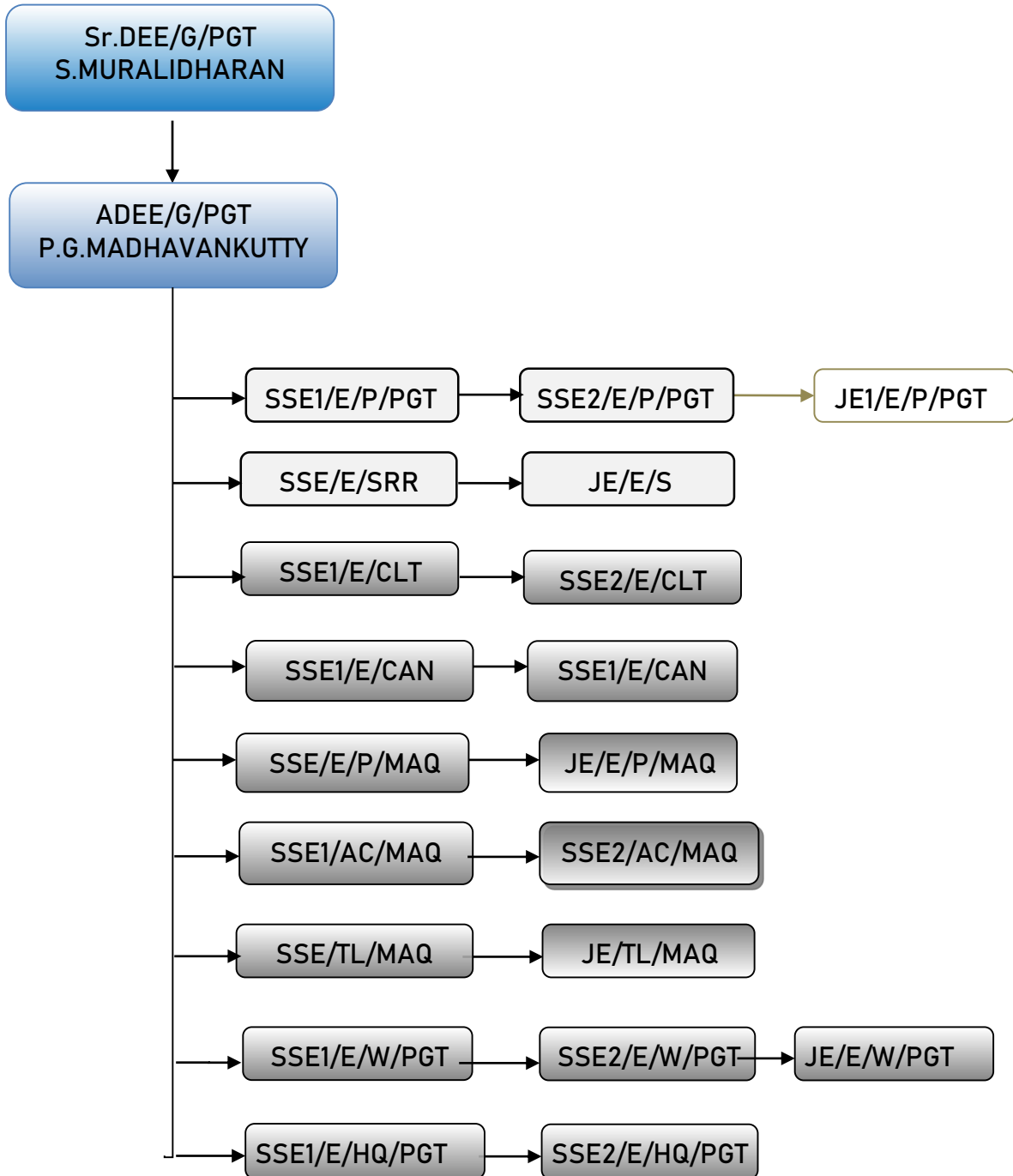


# ORGANIZATIONAL CHART



## DIVISION- GENERAL DETAILS

### STATIONS CATEGORY WISE

| Category of Stations | No. |  | Category of Stations | No. |
|----------------------|-----|--|----------------------|-----|
| NSG2                 | 1   |  | NSG6                 | 28  |
|                      |     |  |                      |     |
| NSG3                 | 9   |  | HG1                  | 2   |
|                      |     |  |                      |     |
| NSG4                 | 5   |  | HG2                  | 21  |
|                      |     |  |                      |     |
| NSG5                 | 8   |  | HG3                  | 15  |

Total Commercial Stations = 89

Non-Commercial Stations = 6

### DEPOT ACTIVITIES

|                  |                               |
|------------------|-------------------------------|
| Power            | PGT, SRR, CLT,CAN, MAQ, POY   |
| Coaching         | TL/MAQ, AC/MAQ, TL & IOH /SRR |
| Electrical Works | PGT                           |

### POWER DEPOT JURISDICTIONS – STATION WISE

**PGT DEPOT** - MDKI, ETMD, WRA, CLMD, KJKD, KTKU, PGT, PLL, MNY, LDY, OTP, PGTN, PDGM, VDK, KLGD, MMDA, MXM, ANM, POY, CNV

**SRR DEPOT** - MNUR, SRR, KRKD, PTB, KODN, PUM, PEU, KTU, TUA, TIR, VDKS, VPZ,KZC,CQA,AAM,PKQ,MLTR,TUV,TDPM,VNB,NIL

**CLT DEPOT** - TA, PGI, VLI, KN, FK, KUL, CLT, VLL, WH, ETR, CMC, QLD, VEK, TKT, PYOL, IGL, BDJ, NAU, MUKE, MAHE

**CAN DEPOT** - JGE, TLY, DMD, ETK, CS, CAN, CQL, VAPM, PPNS, KPQ, PAZ, ELM, PAY, TKQ, CDRA, CHV

**MAQ DEPOT - NLE, KZE, BFR, KQK, KLAD, KGQ, KMQ, UAA, MJS, ULL, TKOT, MAQ, MAJN**

**VITAL ELECTRICAL ASSETS / INSTALLATIONS**

**POWER SIDE**

- **HT & LT Supply points** - Power supply is availed from Electricity Boards / Companies of Kerala, Karnataka and Tamil Nadu. There are 10 HT supply points (KSEB-8, MESCOM-2) and 300 LT supply points (KSEB-249, TANGEDCO-31, MESCOM-20) of Electric Supply.
- **Sub-Stations** - HT supply availed at 10 points is distributed through 13 sub-stations, which are equipped with 26 transformers with an installed capacity of 7345 KVA.
- **Lift & Escalator** - There are total 22 Nos. of passenger Lifts and 10 Nos. of Escalators at various major stations and one number bed Lift at RH / PGT.
- **Pumping Installations** - Water supply to stations, service buildings and staff quarters is maintained by pumping water from different sources and distributed through a distribution network situated at 66 pumping installations utilizing 137 pump sets.
- **Air-conditioning Plants** - Air-conditioning of various service buildings, Retiring rooms, Waiting halls, hospitals, S&T installations, ORH, VSS of Nirbhaya schemes etc. are being done by 316 Nos. of split type AC units.
- **Water Coolers** - 112 water coolers have been provided for supplying cooled water at various stations, running rooms, retiring rooms, ORH, service buildings etc.
- **DG sets** - Standby supply is provided at various stations, running rooms, service buildings, hospitals, PRS/UTS etc. through 38 DG sets (5kVA and above capacity) with an installed capacity of 2717 KVA.
- **Emergency Lights** - Inverters / DC emergency lights/ Emergency lights from AT supply have been provided at 51 stations for emergency lighting arrangements.
- **PRS & UTS Centres** - There are 110 Nos. of UPSs provided in UTS/PRS centers. Standby supplies through AT / Generator sets for all PRS/UTS centers have been provided.
- **LC gates** - All the manned LC gates have been electrified.
- **Staff Quarters** -All the staff quarters over the division are electrified.

- **Power Line Crossings** -There are 202 underground power line crossings and 57 overhead power line crossings in the division.
- **Electrified Stations** - All the 95 stations (including 6 Non-commercial stations) over the division have been electrified.
- **Battery Chargers** - 47 Nos. of TL battery chargers have been provided at various stations and pit lines for charging of TL coach batteries.
- **Pre-cooling bunks** - 88 Nos. of precooling bunks are provided all over the division on Platforms of Major stations and Pit lines for precooling of AC coaches.
- **Roof top solar power plants** of 480 kWp capacity installed in PGT division, expected an average generation of 5 Lakh units and Rs. 20 lakhs savings in energy bill per annum.

#### DETAILS OF OVER HEAD POWER LINE CROSSING OVER PGT DIVISION

| Section | PTJ-SRR | PGT-POY | SRR-NIL | SRR-CLT | CLT-CAN | CAN-MAQ | Around MAQ | TOTAL |
|---------|---------|---------|---------|---------|---------|---------|------------|-------|
| Nos.    | 18      | 9       | 13      | 4       | 0       | 2       | 7          | 53    |

#### HT CONNECTIONS

| Sl. No | Depot | SC No.   | Location | System voltage in kV | Supply Authority | Contract Demand in kVA | Connected Load in kW |
|--------|-------|----------|----------|----------------------|------------------|------------------------|----------------------|
| 1      | MAQ   | HT-21    | MAQ      | 11                   | MESCOM           | 350                    | 2854                 |
| 2      | MAJN  | KUL HT-7 | MAJN     | 11                   | MESCOM           | 100                    | 1560                 |
| 3      | CAN   | 13/1312  | CAN      | 11                   | KSEB             | 160                    | 711.54               |
| 4      | CLT   | 13/ 1314 | CLT      | 11                   | KSEB             | 200                    | 766.4                |
| 5      | SRR   | 10/1003  | SRR      | 11                   | KSEB             | 300                    | 1424                 |
| 6      | PGT   | 1325     | HNC      | 11                   | KSEB             | 250                    | 1008.19              |
| 7      | PGT   | 1336     | DRM/O    | 11                   | KSEB             | 180                    | 450.59               |
| 8      | PGT   | 3361     | GLR      | 11                   | KSEB             | 150                    | 488.72               |
| 9      | PGT   | 1004     | STN      | 11                   | KSEB             | 150                    | 285.52               |
| 10     | PGT   | 1005     | KAL      | 11                   | KSEB             | 60                     | 82.81                |

#### TRANSFORMERS

| Sl. No. | Location         | Volt in kV | Capacity in kVA |     |     |     |     |     | Total Nos | Total Capacity (KVA) |
|---------|------------------|------------|-----------------|-----|-----|-----|-----|-----|-----------|----------------------|
|         |                  |            | 150             | 160 | 200 | 250 | 315 | 400 |           |                      |
| 1       | MAQ              | 11         |                 |     |     |     |     | 2   | 2         | 800                  |
| 2       | MAJN             | 11         |                 |     |     | 2   |     |     | 2         | 500                  |
| 3       | CAN              | 11         |                 |     |     |     | 2   |     | 2         | 630                  |
| 4       | CLT              | 11         |                 |     |     |     |     | 2   | 2         | 800                  |
| 5       | SRR-MAIN SUB STN | 11         |                 |     |     |     |     | 2   | 2         | 800                  |
| 6       | SRR-RIVER BED    | 11         |                 | 2   |     |     |     |     | 2         | 320                  |

|       |                  |    |   |   |   |   |   |   |           |             |
|-------|------------------|----|---|---|---|---|---|---|-----------|-------------|
| 7     | SRR- HILL COLONY | 11 |   | 2 |   |   |   |   | 2         | 320         |
| 8     | PGT- KALPATHY    | 11 | 2 |   |   |   |   |   | 2         | 300         |
| 9     | PGT- STATION     | 11 |   |   |   |   | 2 |   | 2         | 630         |
| 10    | PGT-GLR          | 11 |   |   |   | 2 |   |   | 2         | 500         |
| 11    | PGT-DRM/O        | 11 |   |   |   |   | 2 |   | 2         | 630         |
| 12    | PGT-HNC          | 11 |   |   |   |   | 1 | 1 | 2         | 715         |
| 13    | PGT-RH           | 11 |   |   | 2 |   |   |   | 2         | 400         |
| TOTAL |                  |    |   |   |   |   |   |   | <b>26</b> | <b>7345</b> |

### DG SETS IN DIVISION

Standby supply is provided at stations, hospital, pumps, office & colony loads through 29 DG sets ( capacity-5kVA & above ) with an installed capacity of 2647.5kVA.

| Station      | Capacity Of the DG set. (in kVA) | Standby supply for |
|--------------|----------------------------------|--------------------|
| MAQ          | 250                              | Station loads      |
| MAQ          | 160                              | Station loads      |
| MAQ          | 37.5                             | Station loads      |
| MAJN         | 63                               | Station loads      |
| KGQ          | 5                                | Station loads      |
| PNMB         | 5                                | Station loads      |
| CAN          | 62.5                             | Station loads      |
| CAN          | 37.5                             | Station loads      |
| CAN          | 40                               | Station loads      |
| CAN          | 5                                | Running Room       |
| CLT          | 160                              | Station loads      |
| CLT          | 62.5                             | Station loads      |
| CLT          | 37.5                             | Station loads      |
| CLT          | 5                                | Running Room       |
| BDJ          | 5                                | Station loads      |
| SRR          | 160                              | Station loads      |
| SRR-RB       | 62.5                             | Pump loads         |
| SRR          | 5                                | Running Room       |
| TIR          | 7.5                              | Station loads      |
| PGT- stn     | 166                              | Station loads      |
| PGT- stn     | 250                              | Station loads      |
| PGT-GLR      | 125                              | Pump loads         |
| PGT-RH       | 160                              | Hospital loads     |
| DRM/O        | 250                              | Office loads       |
| DRM/O        | 63                               | Office loads       |
| PGT-HNC      | 170                              | Colony loads       |
| PGT-HNC      | 160                              | Colony loads       |
| PGT-KALPATHY | 37.5                             | Pump Loads         |
| POY          | 62.5                             | Station Loads      |

STAFF POSITION OF DIVISION

| Category             | Sanction   | On Roll    | Vacancy   |
|----------------------|------------|------------|-----------|
| Supervisors          | 17         | 19         | -2        |
| Administrative staff | 15         | 12         | 3         |
| Drawing staff        | 02         | 02         | 0         |
| Artisans             | 231        | 199        | 32        |
| Helpers              | 96         | 58         | 38        |
| ACCA                 | 19         | 17         | 2         |
| <b>Total</b>         | <b>380</b> | <b>307</b> | <b>73</b> |

SAVINGS DUE TO POWER FACTOR INCENTIVE

| PF incentive received from KSEB for keeping high power factor |                                    |                              |
|---|------------------------------------|------------------------------|
| 2020-21<br>( April-20 to March-21)                            | 2021-22<br>( April-21 to March-22) | 2022-23<br>( Up to April-22) |
| Rs. 1,12,425/-  | Rs. 2,09,155 /-                    | Rs. 51,774/-                 |