

ETPK/KSERC/2020-21/1118
17th December 2020

**The Secretary,
Kerala State Electricity Regulatory Commission,
CV Raman Pillai Road, Vellayambalam,
Thiruvananthapuram - 695010
Tel: 0471 2735544 Fax: 0471 2735599**

Sir,

Sub: Petition for approval of employees – Submission – reg

Ref: (1) Daily order in OA 16/2020 dated 11-11-2020
(2) Commission Letter 1544/OA 16/ CON(F)/2020 KSERC/922 dated 27-11-2020

We hereby submit the petition for approval of employees engaged in the power distribution business of TECHNOPARK. We humbly request the Hon'ble Commission to admit our petition for further procedures.

The petition along with five copies and a cheque for ₹ 10,000 towards the fee for filing petition is submitted herewith for the review of Hon'ble Commission

It is appealed that the petition be placed before the Hon'ble Commission for consideration.

Thanking you,
Yours Faithfully,

For **Electronics Technology Parks-Kerala**



Sasi Pilacheri Meethal
Chief Executive Officer



Encl: 1. Petition Original + 5 sets copies
2. Notarized Affidavit
3. Cheque for ₹10,000

BEFORE THE HONOURABLE

KERALA STATE ELECTRICITY REGULATORY COMMISSION

**PETITION IN THE MATTER OF APPROVAL OF
NUMBER OF EMPLOYEES
For Electricity Distribution Business**

SUBMITTED BY
TECHNOPARK, THIRUVANANTHAPURAM

BEFORE
THE KERALA STATE ELECTRICITY REGULATORY COMMISSION

Petition No:

IN THE MATTER OF:

Petition for approval of Number of Employees engaged in the business of Electricity Distribution.

Applicant:

**M/s. Electronics Technology Parks – Kerala (Technopark)
Park Centre, Technopark Campus, Thiruvananthapuram - 695581**

AFFIDAVIT

I, **Sasi Pilacheri Meethal S/o Sri. Cheriya Nair**, aged 60 years, residing at Nalanda, CSM Nagar, Sasthamangalam, Thiruvananthapuram do hereby solemnly affirm and state as follows:

1. I am the Chief Executive Officer of **Electronics Technology Parks – Kerala (Technopark), Park Centre, Technopark Campus, Trivandrum** and the petitioner in the above matter and am duly authorised by **Electronics Technology Parks – Kerala (Technopark)** to make this affidavit on its behalf.
2. The statements made in the accompanying application are true to my knowledge and are derived from the official records made available to me and are based on information and advice received and I believe them to be true.
3. Solemnly affirmed that at Kazhakkuttam on this day of 17th December 2020 that the contents of the petition are true to my information, knowledge and belief and no part of it is false and nothing material has been concealed there from.

Deponent



Sasi Pilacheri Meethal
Chief Executive Officer, Technopark,
Park Centre, Technopark Campus,
Thiruvananthapuram – 695 581

VERIFICATION

I, the above-named deponent, solemnly affirm at Kazhakkuttam on this 17th December 2020 the contents of the above affidavit are true to my information, knowledge and belief, that no part of it is false and no material has been concealed therefrom.

Deponent



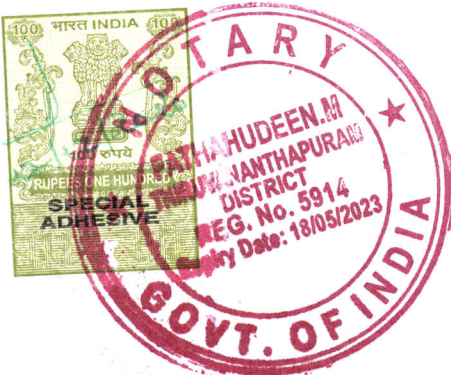
Sasi Pilacheri Meethal
Chief Executive Officer, Technopark,
Park Centre, Technopark Campus,
Thiruvananthapuram – 695 581

Solemnly affirmed and signed before me.

Solemnly affirmed and signed before me
by the deponent, on this the...17th... day of
December 2020 at my office at Vanchiyoor,
Thiruvananthapuram-35

17/12/2020

Advocate and Notary



FATHAHUDEEN. M
ADVOCATE & NOTARY
T.C. 25/3311-1, EAST OF DISTRICT COURT
VANCHIYOOR, THIRUVANANTHAPURAM-35

BEFORE
THE KERALA STATE ELECTRICITY REGULATORY COMMISSION
At its office at C V Raman Pillai Road, Vellayambalam,
Thiruvananthapuram

Petition No:

IN THE MATTER OF: **Petition for approval of number of employees for the electricity distribution business of Technopark.**

PETITIONER: **M/s. Electronics Technology Parks – Kerala (Technopark)
Park Centre, Technopark Campus, Thiruvananthapuram - 695581**

THE PETITIONER RESPECTFULLY SUBMITS THE FOLLOWING FACTS:

1. The petitioner is a State Government owned registered society mainly engaged in development of Technology Parks for promotion of Electronics and Information Technology business in the State of Kerala and possess Electricity Distribution Licences for supply of electricity within the four parks so developed in Kazhakuttam, Kollam and Pallippuram. The petitioner licensee has been regularly submitting petitions for approval of Aggregate Revenue Requirement (ARR), Expected Revenue from Charges (ERC), Year-end Truing-Up petitions and other submissions as per the prevailing acts and regulations.
2. This Petition in respect of approval of number of employees and qualifications is filed before the Hon'ble Commission in compliance with the direction contained in the daily order dated 11.11.2020 wherein Hon'ble Commission has ordered, among other things, that, that ***"Separate petition to be filed in respect of the complete employee details called for vide Commission's Order Dated 27-04-2020 for arriving at a rational employee strength as per CEA norms."***

3. In the Order dated 27-04-2020 in OA 31/2019 approving the Truing up of accounts for 2016-17, Hon'ble Commission directed that ***"to make available the complete list of workers/staff, their qualification, place of deployment, category, salaries, wages and all other benefits paid to them. The licensee shall make this data available within three months of the date of issue of this order"***

4. In compliance with the order Technopark has submitted a full list of permanent and contract staff employed for operation and maintenance contract for electrical systems in Technopark Campus vide Technopark letter no. ETPK/PH-1/KSERC/632 dated 03-08-2020. The letter contained pattern of the deployment of O&M staff in Technopark, qualification, experience, monthly salary and deployment details of the staff.

5. There is only one permanent staff engineer employed by Technopark for managing the entire electricity distribution business within the parks. However, other permanent staff members are engaged partly for the purpose. The recast list of permanent employees currently engaged in the distribution business with number of posts, qualification and monthly remuneration details are already submitted vide Technopark letter no. ETPK/KSERC/2020-21/1015 dated 20/11/2020. The time and effort devoted for the distribution business is taken as the basis of apportioning salary paid to the Business of Distribution under head 'Employee Cost'.

6. The operation, maintenance and repair of the distribution system in Technopark campuses have been carried out through contractors, through an open and transparent process of e-tendering. The **qualification of the staff employed** has been decided based on the **Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulation, 2010** as stipulated in **Regulation 7 (1) and 7 (2)**.

7. Hon'ble Commission may, however, please note that **there are no stipulations related to the number of persons engaged** to operate or maintain substations or distribution system in the said regulation or any other regulation notified by **Central Electricity Authority**.

8. However, the **Chief Electrical Inspector of Kerala State** has stipulated in their circular number B1-17175/2004/86/CEI dated 18-09-2004 that: -

I. High Tension Installations:

- a) High Tension Installations with Transformer capacity up to and including 250KVA

Installations in this category shall be in charge of a person holding minimum Diploma in Electrical Engineering. There shall be a minimum of one Electrician having National Trade Certificate (ITI/ITC in the trade of Electrician or Wireman) or holder of Wireman Permit issued by the Kerala State Electricity Licensing Board, who shall be present through out the working period of the installation.

- b) High Tension Installations with Transformer capacity above 250KVA and up to and including 750KVA

Installations in this category shall be in charge of a person holding minimum Diploma in Electrical Engineering. There shall be a minimum of two Electricians having National Trade Certificate (ITI/ITC in the trade of Electrician or Wireman) or holder of Wireman Permit issued by the Kerala State Electricity Licensing Board, who shall be present through out the working period of the installation.

- c) High Tension Installations with Transformer capacity above 750KVA

Installations in this category shall be in charge of a person holding Degree in Electrical Engineering or a person holding Diploma in Electrical Engineering with a minimum of three years experience in the relevant field. There shall be a minimum of one person holding Diploma in Electrical Engineering and a minimum of three Electricians having National Trade Certificate (ITI/ITC in the trade of Electrician or Wireman) or holder of Wireman Permit issued by the Kerala State Electricity Licensing Board, who shall be present through out the working period of the installation

II. Extra High Tension Installations

For installations in this category, the following personnel shall be employed for the operation and maintenance as follows:

- a) Degree holder in Electrical Engineering with a minimum of two years' experience in the relevant field or Diploma holder in Electrical Engineering with a minimum of five years experience in the relevant field shall be put in charge of the Substation and the entire electrical installations
- b) Degree holder in Electrical Engineering / Diploma holder in Electrical Engineering with a minimum of two years experience in the relevant field shall be employed for the operation and maintenance of the Sub Station and the entire electrical installations, who shall be present throughout the working period of the installation
- c) Adequate number (a minimum of five) of Electricians having National Trade Certificate (ITI/ITC in the trade of Electrician or Wireman) or holder of Wireman Permit issued by the Kerala State Electricity Licensing Board, depending upon the size of the installation, for operation and maintenance of the Sub Station and the entire installations, who shall be present throughout the working period of the installation.

9. Technopark has relied on this direction of the Chief Electrical Inspector for determination of number of staff to be engaged in the 11 kV and 110 kV Substations within the Technopark Campus. There are 13 (Thirteen) substations providing supply within the Technopark Campuses. The stations are operated 24 x 7 days in three shifts. There are one

station operator and one shift Assistant in each station for operation of the stations. One additional operator in each station is engaged as reliever during weekly off days, on leave duty etc., considering the essentiality of service. In respect of Shift Assistants, the staff from main stations are deployed as relievers in stations when needed. There are three supervisors, one in each shift, for overseeing the operation during each shift and Engineer for managing the activities. A detailed table of persons engaged are given in **Annexure -1**. The shift operator are also responsible for operating the Diesel generator Sets when the supply from the State Utility fails in order to maintain 100% reliable supply which is critical for the customers engaged in IT business.

10. Hon'ble Commission may kindly note that a separate team has been engaged for the routine and breakdown maintenance in each campus. In the main campus (Phase-1) there are two maintenance engineers and a team of 12 maintenance technicians engaged round the clock for this purpose. In Phase III Campus the maintenance team consists of two maintenance supervisors and 5 technicians and in Kulathoor 110 kV Substation supplying power to Phase -II&III campus, one supervisor and one technician are employed. At Kollam Campus, the maintenance team comprise of 3 technicians only. These details are also provided in Annexure-1. A list of persons engaged for O&M of the electrical distribution system as per the above pattern are given in **Annexure -2**.

11. Hon'ble Commission may consider the fact that unlike the supply reliability required by general consumers of state power utility, the IT industrial consumers require a very high degree (100%) of supply reliability so that the IT service works are given to their customers around the world in time. Technopark is maintaining diesel generator sets for 100% back-up emergency supply. All kinds of break-downs are immediately attended round the clock. It is necessary to engage sufficient manpower for maintaining high level of reliability. Hon'ble Commission may please consider the degree of reliability and customer composition and requirement in determining the number of persons to be engaged in the distribution business.

PRAYER

The petitioner, earnestly plead that, Hon'ble Commission may please consider the above petition and approve the number of employees engaged in the operation and maintenance of the electricity distributions network in the Technopark campuses. .

DEPONENT



Sasi Pilacheri Meethal
Chief Executive Officer,
Park Centre, Technopark Campus,
Thiruvananthapuram – 695 581

ACC:

1. Annexure -1: Pattern of O&M staff arrangement in Technopark Campuses.
2. Annexure -2: Details of Employees Working For Distribution Business.

Annexure – 1

Pattern of O&M staff arrangement in Technopark Campuses									
No	Campus	Building / indoor Substation ¹	O&M Manager/Station Engineer	Supervisors (1 staff/Shift)	Shift Operators ²	Shift Assistant ³	Maintenance Engineer / Supervisor	Maintenance Technicians ^{4,5}	Total
1	Phase-I	Park Centre			4	3			
2	Phase-I	Chandragiri			4	3			
3	Phase-I	Pamba-Periyar			4	3			
4	Phase-I	Bhavani			4	3			
5	Phase-I	Thejaswini-1	1	3	4	3	2	12	88
6	Phase-I	Thejaswini-4			4	3			
7	Phase-I	Nila SS2			4	3			
8	Phase-I	Nila SS2A			4	3			
9	Phase-I	Gayatri			4	3			
10	Phase-I	Main Receiving station 1&2			4	3			
11	Phase-III	Ganga-Yamuna	0	0	4	4	2	5	15
12	Phase-III	Kulathoor 110kV station	1	0	4	4	1	1	11
13	Phase-V	Kollam IT Building	0	1	4	4	0	3	12
Total			2	4	51	39	5	21	126

Note: (1) Stations are 24x7 operated in 3 Shifts.

(2) There are 1 Shift Operator and 1 Shift assistant in each shift and one reliever

(3) The shift assistants from main receiving stations act as relievers in other stations when needed

(4) For maintenance in Phase -I campus, 4 Technicians each in first and shifts and 2 staff in third Shift, (total 12) are engaged

(5) for phase-III maintenance, 3 Technicians in first shift and one each in other two shifts are engaged

ANNEXURE 2

Details Of Employees Working For Distribution Business

No	Designation	Qualification	Experience (Yrs)	Monthly Salary (Rs)	Deployed at
O&M Contractor Employees					
1	O&M Manager	B.E (EEE)	8	30000	Phase-1
2	Supervisor	ITI (E)	16	18000	Phase-1
3	Supervisor	ITI (E)	26	18000	Phase-1
4	Supervisor	Diploma (E)	20	18000	Phase-1
5	Supervisor	B.E (EEE)	8	18000	Phase-1
6	Supervisor	ITI (E)	9	18000	Phase-1
7	Shift Operator	ITI (E)	8	15500	Phase-1
8	Shift Operator	ITI (E)	8	13500	Phase-1
9	Shift Operator	ITI (E)	9	13500	Phase-1
10	Shift Operator	B.Tech (EEE)	2	12000	Phase-1
11	Shift Operator	ITI (E)	25	11000	Phase-1
12	Shift Operator	B.E (EEE)	1	12000	Phase-1
13	Shift Operator	ITI (E)	9	15500	Phase-1
14	Shift Operator	ITI (E)	13	15500	Phase-1
15	Shift Operator	ITC (E)	10	16000	Phase-1
16	Shift Operator	Diploma (E)	10	16000	Phase-1
17	Shift Operator	ITI (E)	4	10280	Phase-1
18	Shift Operator	ITC (E)	15	16000	Phase-1
19	Shift Operator	ITI (E)	6	12000	Phase-1
20	Shift Operator	ITI (E)	7	13500	Phase-1
21	Shift Operator	ITC (E)	12	16000	Phase-1
22	Shift Operator	B.Tech (EEE)	1	11600	Phase-1
23	Shift Operator	ITI (E)	8	16000	Phase-1
24	Shift Operator	ITI (E)	5	13500	Phase-1
25	Shift Operator	ITI (E)	6	13500	Phase-1
26	Shift Operator	ITI (E)	17	13000	Phase-1
27	Shift Operator	ITI (E)	4	12000	Phase-1
28	Shift Operator	Diploma (E)	14	17960	Phase-1
29	Shift Operator	ITI (E)	6	16000	Phase-1
30	Shift Operator	Diploma (E)	-	12000	Phase-1
31	Shift Operator	ITI (E)	14	16000	Phase-1
32	Shift Operator	Diploma (E)	5	12500	Phase-1
33	Shift Operator	Diploma (E)	16	16000	Phase-1
34	Shift Operator	ITI (E)	11	16000	Phase-1
35	Shift Operator	ITC (E)	14	16000	Phase-1
36	Shift Operator	ITI (E)	6	15000	Phase-1
37	Shift Operator	ITI (E)	12	16000	Phase-1
38	Shift Operator	B.Tech (E)	2	12000	Phase-1
39	Shift Operator	ITC (E)	14	16000	Phase-1
40	Shift Operator	Diploma (E)	5	13000	Phase-1
41	Shift Operator	B.Tech (E)	7	13000	Phase-1

42	Shift Operator	Diploma (E)	8	16000	Phase-1
43	Shift Operator	Diploma (E)	5	12000	Phase-1
44	Shift Operator	ITC (E)	17	16000	Phase-1
45	Shift Operator	ITI (E)	10	16000	Phase-1
46	Shift Assistant	B.E (E)	1	10280	Phase-1
47	Shift Assistant	B.Tech (E)	1	10280	Phase-1
48	Shift Assistant	Diploma (E)	1 Year	10280	Phase-1
49	Shift Assistant	B.Tech (E)	1	10280	Phase-1
50	Shift Assistant	B.E (E)	1	12248	Phase-1
51	Shift Assistant	Diploma (E)	2	10280	Phase-1
52	Shift assistant	ITC (E)	7	11000	Phase-1
53	Shift Assistant	B.Tech (E)	3	12000	Phase-1
54	Shift Assistant	ITI (E)	4	12000	Phase-1
55	Shift Assistant	ITI (E)	15	12000	Phase-1
56	Shift Assistant	ITI (E)	4	12000	Phase-1
57	Shift Assistant	B.Tech (E)	1	10280	Phase-1
58	Shift Assistant	B.E (E)	1	10280	Phase-1
59	Shift Assistant	B.Tech (E)	2	10280	Phase-1
60	Shift Assistant	ITI (E)	4	12000	Phase-1
61	Shift Assistant	B.E (E)	6	12500	Phase-1
62	Shift Assistant	ITI (E)	1	10280	Phase-1
63	Shift Assistant	B.E (E)	2	10280	Phase-1
64	Shift Assistant	Diploma (E)	2	10280	Phase-1
65	Shift Assistant	B.E (E)	2	10280	Phase-1
66	Shift Assistant	ITI (E)	3	12000	Phase-1
67	Shift Assistant	ITC (E)	18	11000	Phase-1
68	Shift Assistant	B.Tech (E)	1	10280	Phase-1
69	Shift Assistant	Diploma (E)	4	12000	Phase-1
70	Shift Assistant	B.E (E)	3	12500	Phase-1
71	Shift Assistant	B.Tech in EE	1	10280	Phase-1
72	Shift Assistant	Diploma (E)	2	10280	Phase-1
73	Shift Assistant	ITI (E)	4	11000	Phase-1
74	Shift Assistant	Diploma (E)	-	11000	Phase-1
75	Technician	ITI (E)	-	10570	Phase-1
76	Technician	Diploma (E)	2	10280	Phase-1
77	Technician	ITI (E)	1	10570	Phase-1
78	Technician	Diploma (E)	3	11000	Phase-1
79	Technician	ITI (E)	3	12000	Phase-1
80	Technician	ITI (E)	2	12000	Phase-1
81	Technician	Diploma (E)	15	16000	Phase-1
82	Technician	ITI (E)	5	13500	Phase-1
83	Technician	ITI (E)	4	12000	Phase-1
84	Technician	ITI (E)	1 Year	10570	Phase-1
85	Technician	ITC (E)	9	16000	Phase-1
86	Technician	Diploma (E)	3	11000	Phase-1
87	Technician	Diploma (E)	2	10570	Phase-1
88	Technician	ITI (E)	2	10570	Phase-1
O&M Contractor Employees					
1	Supervisor	ITI (E)	18	23397	Phase-3
2	Supervisor	Diploma (E)	2	11920	Phase-3
3	Shift Operator	Diploma (E)	-	11920	Phase-3
4	Shift Operator	Diploma (E)	2	11920	Phase-3

5	Shift Operator	Diploma (E)	2	13444	Phase-3
6	Shift Operator	Diploma (E)	1	11437	Phase-3
7	Shift Assistant	Diploma (E)	3	12515	Phase-3
8	Shift Assistant	ITI (E)	3	12515	Phase-3
9	Shift Assistant	ITI (E)	-	11437	Phase-3
10	Technician	ITI (E)	2	11920	Phase-3
11	Technician	ITI (E)	3	13444	Phase-3
12	Technician	ITI (E)	-	11870	Phase-3
13	Technician	Diploma (E)	-	11920	Phase-3
14	Technician	ITI (E)	6	11920	Phase-3
15	Technician	ITI (E)	21	17081	Phase-3
O&M Contractor Employees					
1	Station Engineer	B Tech (E)	8	24797	110 kV SS
2	Maintenance Engineer	B Tech (E)	8	19379	110 kV SS
3	Shift Operator	Diploma (E)	7	21950	110 kV SS
4	Shift Operator	B Tech (E)	4	16260	110 kV SS
5	Shift Operator	B Tech (E)	8	17500	110 kV SS
6	Shift Operator	B Tech (E)	3	14160	110 kV SS
7	Technician	ITI	18	19525	110 kV SS
8	Shift Assistant	ITI	18	19900	110 kV SS
9	Shift Assistant	ITI	9	19900	110 kV SS
10	Shift Assistant	Diploma (E)	9	19900	110 kV SS
11	Shift Assistant	ITI	19	19900	110 kV SS
O&M Contractor Employees					
1	Supervisor	B.Tech (E)	6	22440	Kollam
2	Shift Operator	ITI (E)	19	16472	Kollam
3	Shift Operator	ITI (E)	6	15972	Kollam
4	Shift Operator	ITI (E)	18	15972	Kollam
5	Shift Operator	ITI (E)	6	15972	Kollam
6	Shift Assistant	ITI (E)	4	13200	Kollam
7	Shift Assistant	B.E (E)	3	12690	Kollam
8	Shift Assistant	B.Tech (E)	4	13200	Kollam
9	Shift Assistant	B.Tech (E)	6	13200	Kollam
10	Technician	ITI (E)	6	12690	Kollam
11	Technician	Diploma (E)	5	12000	Kollam
12	Technician	ITI (E)	9	12000	Kollam
