





**TECHNOPARK** 

ARR-ERC: 2015-16, 16-17 & 17-18

# Electronics Technology Parks – Kerala (Technopark) Electricity Distribution Business

### AGGREGATE REVENUE REQUIREMENT

&

### **EXPECTED REVENUE FROM CHARGES**

(MULTI YEAR)

**PROJECTION** 

**FOR** 

**FINANCIAL YEARS** 

2015-16, 2016-17 & 2017-18

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#### 1. Introduction

In July 1990, the Government of Kerala conceptualized Technopark as a facility to foster the development of high-technology industries in the state. Technopark is an acronym for Electronics Technology Park, Kerala—an autonomous society under the Department of Information Technology, Government of Kerala. Technopark's aim is to create infrastructure and provide support required for the development of high-technology companies. Its stated mission is to "Provide, Viably, Superior Environment and Services with Assured Quality of Service to Make Technology Businesses Intrinsically Competitive and Successful, and Promote Regional Development through Synergistic Linkages between Industry, Government and Academia, based on Continuous Improvement and Innovation".

Technopark is the IT hub of the State of Kerala, and based in Trivandrum which can rightfully claim to be the knowledge capital of the region. Technopark provides world class, robust and failsafe physical, power and datacom infrastructure, offering a no compromise yet low cost enabling environment for IT industry that is leveraged by its occupant companies for a competitive advantage. Technopark aims to provide all the infrastructure and support facilities needed for IT/ITES and electronics companies to function. In addition to built-up office space, it also provides all utilities as well as the data connectivity. This is done either directly or through private partners. In addition, Technopark provides business incubation facilities for start-up firms as well as some social infrastructure for the personnel working in the park.

Technopark is the first CMMI Level 4 assessed Technology Park. Spread over 156acres (Technopark Phase-I campus), and about 4.5 millionsq.ft.of built-up space, Technopark hosts over 225 IT and ITES companies, including 6 CMMI Level 5, 2 CMMI Level 3 and several ISO 9000 certified companies, employing over 30,000 IT Professionals. The select list of companies working at Technopark include TCS, Infosys Technologies ,Oracle India Pvt Ltd, Ernst & Young, Allianz Cornhill ,UST Global, IBS, Suntec, NeSt, RR

Donnelley&Co.,ICON, Collabora, RMESI, Alamy Images, Saudi Engineering Group, Toonz Animation, HCL,SperidianTechnologies,Satmetrix, Revenuemed, Accentia, Tata Elxsi etc.

Technopark has the best of nature's environment complemented by the most modern man-made facilities. Quality environment, international standard infrastructure, a comprehensive umbrella of support services, a significant cost advantage, easy access to excellent human resources and remarkable ease of starting up make Technopark, Trivandrum India's most promising IT destination.

Technopark is currently on an expansion mode by adding another 93 Acres as part of Phase III expansion, 40 acres as Technopark Kollam and 450 acres as Technocity—an integrated IT township near Pallippuram. The policy of economic liberalisation initiated by the government of India in 1991 and the rapid growth of the global software industry during the 1990s substantially contributed to the growth of Technopark.

The units in Technopark include domestic firms, joint ventures and subsidiaries of foreign companies engaged in a wide variety of activities, which include embedded software development, smart card technology, enterprise resource planning (ERP), process control software design, engineering and computer-aided design software development, IT Enabled Services (ITES), process re-engineering, animation and e-business. Technopark is owned and administered by the Government of Kerala and is headed by a Chief Executive Officer. In addition to this, it has a Governing Council and a Project Implementation Board, both of which include top officials of the government. Administrative offices, including that of the CEO, are housed in the Park Centre building.

Technopark Phase-II campus is leased out to M/s UST Global and M/s Infosys Technologies Ltd. M/s Infosys has already started their operation from this campus.

Technopark Phase-III campus is adjacent to Technopark Phase-I campus. Technopark is constructing a 1 million sqft IT building in this campus, operation of IT/ITES clients had already been commenced from this building.

As a hub and spoke model of development, Technopark is developing a separate IT campus in the neighboring district Kollam. This campus has an area of about 44 Acres and is known as Technopark Kollam. Technopark is constructing a 1 lakh sqft IT building in this campus. The Technopark Kollam campus has also become operational.

Technopark is constructing the Technocity project which is around 5kms north of the present campus. This campus is envisaged as an integrated township consisting of IT/ITES industries and will be the largestdevelopment project undertaken by Technopark. The total area of the campus will be around 450 Acres.

# 2. Proposed Capitalization of projects in Technopark Phase-I Campus.

Technopark Phase-I campus is spread over 156 Acres. There is a well-established power distribution system for supply of power to various consumers in the campus. Presently, Technopark has a power purchase agreement with KSEB for a contract demand of 15 MVA and the recorded power demand is around 15 MVA. Technopark receives electricity through four 11 kV feeders from 110 kV substation for distribution within the Technopark campus. The substation is operated and maintained by Kerala State Electricity Board (KSEB). The Technopark phase-I campus is almost saturated condition. IT Giants M/s Tata Consultancy Services is in the process of establishing their 8 Lakh Sq. Ft software development center in Technopark Phase – I campus. We have executed the following project in Technopark Phase-I campus for catering power to the development of M/s Tata Consultancy Services and for future developments in phase-I campus.

# 2.1 <u>Supply Installation Testing & Commissioning of 11kV main receiving substation at Technopark Phase-I campus.</u>

Two main receiving substations (11kV) situated within the campus receive power from 110kV substation Kazhakkuttomand feeds in to the power distribution system in Technopark Phase – I campus. These two substations are fully utilized and spare capacity is not available. Construction of third 11kV main receiving substation at Technopark Phase-I campus has been completed

inorder to meet the immediate power requirement of expansion project of M/s Tata Consultancy Services.

The main scope of works under the contract were the following:

- 1) Supply, Installation, Testing and commissioning of 11kV HT panels.
- 2) HT cable laying and end termination from 110 kV substationKazhakkuttom to the proposed 11 kV substation.
- 3) Modification (Civil works) of existing substation building.

The project was referred in the ARR-ERC of FY 2014-15 as "New 11 kV main receiving substation for catering to the additional power demand in future". The total awarded value of the contract is Rs. 1,74,62,759/-. This project has been completed and capitalized, the completed value of the project is Rs. 1,99,72,846/- which includes statutory payments, consultancy and project management fees etc. The assets has not been shown under fixed assets and calculation of depreciation. Hon'ble Commission may please approve the project cost incurred for inclusion in subsequent ARR-ERC filings.

# 2.2 <u>Augmentation of existing power transmission system of KSEB for catering the additional power requirements of Technopark Campuses.</u>

Presently, Technopark has a power purchase agreement with KSEB for a contract demand of 15 MVA for phase-I and 5 MVA for phase-II & III campuses respectively. At present the recorded power demand of phase-I campus is around 15 MVA and for phase-II & III campuses is around 1.5 MVA. Technopark phase-I campus avails power from KSEB through 4 No's 11kV feeders and metering point is at EHT side. Technopark phase-III substation avails power at 110 kV voltage level from the Kazhakoottam — TERLS overhead line passing through the phase-III campus.

We have explained the need for this project and a block estimate was submitted along with ARR-ERC 2014-15. We had requested KSEBL vide our letter dt: 23<sup>rd</sup> Oct 2014 to forward us a detailed project report considering the following points.

- 1. Technical feasibility report.
- 2. Alternate options for granting connectivity/ additional power allocation.
- 3. Detailed estimate of works

### In reply KSEBL has informed us the following

- 1. The scheme proposed by KSEBL for constructing a new 110kV feeder through UG cable from 220kV substation Pothencode to 110kV substation, Kazhakuttam and then to Technopark phase-III substation is a technically feasible and reliable method for providing supply.
- 2. Alternate option of construction of multi circuit line along the existing 110kV double circuit line is not feasible due to the stringent opposition of land owners and associated 'Right of Way' issues.
- 3. The existing 110kV double circuit line from Pothencode to TERLS through 110kV substation Kazhakkuttam is fully utilized and is planned to operate on N-1-1 condition for reliable system operation in ring main system for feeding the consumers connected with the KSEB distribution system.

### Hon'ble Commission may please note the following

- 1. Estimate amounting to Rs. 58.17 crores for strengthening the transmission system has been received from KSEBL.
- 2. A meeting with KSEBL is planned to be carried out for working out a mechanism for payment of work deposit like installment scheme, etc. and for other clarifications on the estimate.
- 3. We had submitted seek grant under ASIDE (Assistance to States for Infrastructure Development of Exports) for an amount of Rs. 25 Crores.
- 4. Loans from financial institutions are also being sought.
- 5. As this is a massive investment for Technopark it will take time for amassing the funds required for materializing this project.
- 6. Arranging a part of funds as consumer contribution from our existing/ prospective new consumers are also being thought of.

The estimate submitted by KSEBL for this work is attached herewith as Annexure-I for the perusal of Hon'ble Commission. Detailed project report will be prepared and submitted before Hon'ble Commission for approval. Hon'ble Commission may please note that the cost estimates for this project are not included in this ARR.

# 3 Proposed Capitalization of projects in Technopark Phase-II & III Campuses.

Technopark Phase-III Expansion is one of the ambitious projects of Technopark. 93Acres of land adjacent to the existing Technopark Phase-I campus is being developed. Special Economic Zone status has already been obtained for 26 Acres of land. Technopark is constructing 1 million sq.ft IT building in 9 Acres SEZ land. The total capital outlay of the project is around Rs. 260crores and the funding for the project is through a consortium of three banks. The Total power requirement of IT building constructed by Technopark will be around 6MVA.

SEZ/ Non SEZ plots of varying acreage is allotted/ being allotted to IT/ITES co-developers. Technoparkhas implemented a failsafe 11kV Ring Main distribution network in the campus which will supply power to various IT/ITES companies including the IT building constructed by Technopark. The power for all establishments inside the campus will be supplied from the 110kV substation Technopark Phase-III.

### 3.1 <u>Electrification of 1million sqft IT building in Phase-III campus Technopark.</u>

Technopark is constructing a 1 million sqft built-up area IT building in Technopark Phase-III campus. This building is a multi-tenant facility which will be leased out to prospective IT/ITES companies. Power to this building will be supplied from 110kV substation Phase-III in the campus. Main components for power distribution in the building are

- 4No's 2500kVA Transformers.
- 3No's 1500kVA DG Sets and 4 No's 625kVA DG sets for providing power back-up during power failures/ outages.

The works are not fully completed so far due to contractual delays. The installation was partially completed and commissioned on May 2014. Capitalization of this project is not happened and is not considered in this ARR since the project is not completed.

3.2 Installation of compact secondary substation in Technopark phase-III campus.

A 500kVA compact secondary substation in Technocity campus is relocated to Technopark phase-III campus for providing power to SBC modules in 2<sup>nd</sup> floor of the building and for providing construction power to co-developers. The work was completed and commissioned during FY 2014-15. The total cost of the project proposed for capitalization is Rs. 1538765/-. This cost is also not included in the ARR however the same will be submitted to Hon'ble Commission for inclusion in forthcoming ARR-ERC filings.

### 4 Proposed Capitalization of projects in Technopark Kollam Campus.

Kerala State Electricity Regulatory Commission has extended the electricity distribution license for Technopark, Kollam. Technopark as part of the hub and spoke model of development is expanding its activities to Kundra, Kollam, which is 63 km away from the Trivandrum Campus. This is to tap the Kerala's unique advantage of uniform talent distribution, Infrastructure and supporting IT platforms, e.g. telecom, datacom and digital exchanges, excellent infrastructure availability and back-up support. Technopark Kollam is located in 44.46 acres of prime land beside scenic Kanjirode Lake. This park is being developed as a Special Economic Zone.

As a distribution licensee, Technopark sets up its own power distribution infrastructure in this campus and distributes power to various investors in the campus. A receiving substation of 12.5 MVA capacity is being set up in the campus. Power will be drawn from the Kundara substation of KSEB at 110 KV and will be stepped down to 11 KV. Technopark also ensures 100% back up power arrangement.

Power for IT/ITES companies inside the campus will be supplied from the 110kV substation. The power will be conveyed to the 110kV substation through 110kV EHTUG Cables. The work of laying of these cables is entrusted with KSEB under work deposit scheme.

### 4.1 <u>Electrification of IT Building Phase-I at Technopark Kollam</u>

The implementation of power infrastructure required for supplying power to consumers in IT building at Technopark Kollam is completed. Power supply to this IT building will be provided from 110kV substation in the campus. Main components for power distribution in the building are

- 1 No. 1600kVA Transformer and 1 No. 500kVA Transformer.
- 2 No's 625kVA DG sets.

The project has been capitalized during FY-2014-15 and the total cost of the project comes to Rs. 3,66,97,495.00. Hon'ble Commission may please approve the project cost incurred for inclusion in subsequent ARR-ERC filings.

### 4.2 <u>110kV substation at Technopark Kollam and laying of 110kV UG cables</u> from 220kV substation Kundara to 110kV substation technopark Kollam

Construction of 110kV substation in the Technopark Kollam campus has been completed. A 12.5MVA transformer is installed in the substation to cater the initial power demand. The work was carried out by M/s Siemens. Power to this substation will be sourced from 220kV substation Kundara which is around 2.6 km away from the location. Power from 220kV substation Kundara will be supplied through 110kV EHV UG cable. Laying of this cable from 220kV substation Kundara is carried out by KSEB. Technopark has executed a connectivity agreement with KSEBL for a contract demand of 1.6MVA. The 110kV substation project is capitalized during FY 2014-15. The cost of the project accounted for capitalization is Rs. 5,44,86,685/-.

5 Runs 1Cx500mm<sup>2</sup>110kV EHV UG cable is required for providing power from 220kV substation Kundara. The length of this cable would be around 2.6kms. The work includes providing 1No. 110kV feeder bay for accommodating 110kV feeder to Technopark Kollam by shifting 2 No's existing feeder bays for facilitating bus extension and installation of equipment. Technopark has

already deposited Rs. 1829.61 lakhs with KSEB as work deposit for this purpose. This work has been completed by KSEB and commissioned hence the work deposit made to KSEBL is proposed to be capitalized for including in the forthcoming ARR-ERC's.

Hon'ble Commission may please approve the project cost incurred as mentioned above for inclusion in subsequent ARR-ERC filings.

### 5 Proposed Capitalization of projects in Technocity Campus.

The Technocity project which is purported to be the State's biggest IT infrastructure project was officially launched on 05<sup>th</sup>June 2010. Technocity is being developed as an integrated township on 451 acres, and will encompass IT, ITeS infrastructure as well as residential, commercial facilities in addition to public service and educational institutions.

The development has been planned in the public-private partnership (PPP) model in association with technically and financially competent private developers. There would be multiple partnerships in association with developers of varying financial capabilities for various parcels of land within the 451-acre campus. The entire project will be implemented through multiple special purpose vehicles in conjunction with leading developers.

### 5.1 <u>500kVA Compact substation</u>

A 500kVA, 11/0.433 kV compact substation is constructed in Technocity campus mainly for providing construction power supply to co-developers. The work was completed. The capitalization of the project was during FY 2014-15. The amount spent for the project was Rs. 47,13,674.00

Hon'ble Commission may please approve the project cost incurred as mentioned above for inclusion in subsequent ARR-ERC filings.

### 6 Demand Side Management Activities Proposed in FY 2015-16

Demand side management provides a range of technical, organizational and software solutions to cut short electricity consumption. Demand side management is necessitated due to the rise in power consumption during

peak hours, to improve the quality and reliability of power supply and to mitigate the impact of rising tariffs. Technopark aims to improve final electricity-using systems, reduce consumption, while preserving the same level of service and comfort.

# 6.1 Revamping of existing street lights of Technopark campus with LED luminaires to reduce power consumption and for better lighting.

Technopark is the greenest IT park in the country. The arterial roads inside the Technopark Phase-I campus connects various IT buildings. The total length of roads inside the campus is around 6km. At present the street lighting system mainly consists of CFL's lamps. The CFL's are proposed to be replaced with LED lamps having high luminous efficacy. The total quantity of CFL street lights in the campus is 250No's. The street lights are proposed to be replaced in stages.

### 6.2 <u>Electricity Billing Software.</u>

Technopark has over 450 consumers in various tariff categories. At present we are relying on MS Excel for recording month wise energy consumption and other details of consumers for electricity billing. Spreadsheets are more prone to errors and collecting data for preparation of ARR-ERC's and generating reports is time consuming and difficult. Also the tariff structure has become complicated and the complexity of calculations has increased.

In order to streamline the electricity billing, we have decided to implement a software for electricity billing and consumer management purposes. The software is being developed by M/s Softland India Pvt. ltd. The billing system will consist of a handheld device which will be used to record the meter readings from site. The handheld device will be connected to the PC where the software will be installed to capture the data from the handheld device to perform necessary calculations, tabulations and generation of electricity bills. The bills will be sent to the consumers via e-mail.

The development of software is in the final stages and we are planning to deploy the software from August 2015 onwards. The total cost of development of the software including handheld units would be around Rs. 2,58,000.00.

### **7** AT&C Losses and reasons for higher percentage loss observed.

The distribution losses could be subdivided into technical losses and commercial losses. Technical losses consist of the losses occurring in the transformers, cables etc. and the commercial losses is associated with the metering system. Compared with the other distribution licensees, the consumer base, area of operation and transformation capacity of Technopark is much higher. In most of the buildings of Technopark, industrial load and common service load is well segregated. Due to this reason the number of transformers is also higher. Also the (N-1) condition is adhered to since the load is critical. As a result both the capacity and quantity of transformers increases. The list of transformers in Technopark is given below.

Details of Transformers in Technopark Campuses							
SI.		Transformer		Total rating			
No:	Building	Rating (kVA)	Quantity	(kVA)			
1	110kV Substation Kazhakkuttom	12500	2	25000			
2	Park centre	500	1	500			
3	Park centre - TBI	160	1	160			
4	Pamba Periyar	500	2	1000			
5	Nila	1250	4	5000			
6	Chandragiri	500	2	1000			
7	Gayathri	1000	2	2000			
8	Bhavani	1250	2	2500			
9	Bhavani	1600	1	1600			
10	Tejaswini	1600	2	3200			
11	Tejaswini	1250	2	2500			
12	Clubhouse/ Technomall	250	1	250			
13	C-DAC	1250	1	1250			
14	KSITM - State Data Center	750	1	750			
15	TCS CIC	1000	1	1000			
16	TCS Peepul Park	1250	2	2500			
17	TCS Peepul Park	750	2	1500			
18	TCS SEZ	1250	3	3750			
19	TCS SEZ	2000	3	6000			
20	M Squared	630	1	630			
21	Amstor	500	1	500			
22	Padmanabham	800	1	800			
23	Ginger	315	1	315			
24	Leela (DDL-UST)	500	1	500			

25	Nest	1250	2	2500			
26	IBS Software	1250	1	1250			
27	TATA Elsxi	1250	1	1250			
28	IIITMK	200	1	200			
29	Leela Infopark	1600	4	6400			
30	Technopark Phase-II (Infosys)	3000	1	3000			
31	Technopark Phase-II (Infosys)	1250	1	1250			
32	Technopark Phase-II (Infosys)	750	1	750			
33	Technopark Phase-II (UST Global)	2000	2	4000			
34	Technopark Phase-III (Ganga/ Yamuna IT building Technopark)	2500	4	10000			
35	Technopark Phase-III (Ganga/ Yamuna IT building Technopark)	500	1	500			
36	110kV Substation Technopark Phase-III	12500	2	25000			
	Technopark Kollam 110kV						
37	substation	12500	1	12500			
38	IT building Technopark Kollam	1600	1	1600			
39	IT building Technopark Kollam	500	1	500			
40	Technocity campus	500	1	500			
Total transformation capacity (in MVA) 64							

The losses occurring in the transformers are one of the main reasons for higher distribution loss. The iron losses and copper losses in the transformers could be quantified in the range from 1.5 to 3% depending on the transformer capacity. The total transformation capacity is 76 MVA which is much higher than other similar distribution licensees. The increase in transformation capacity occurred over a period of time, similarly the trend in the distribution losses is also increasing. It may be noted that it is not practically possible to do away with the losses occurring in the transformer, further the losses are aggravated by other factors like the presence of inductive load, harmonics etc.

Technopark is one amongst the oldest licensees in the state, the age of distribution assets is another reason for the increase in distribution loss observed. The approximate length of HT cable in the campus is around 25km, line losses occurs in this cable, which is also a significant factor. The consumer strength of Technopark is also higher than other similar distribution licensees.

Α	comparison	on this	as	per t	:he	latest	figures	is	shown	below.

	No: of consumers in the	No: of consumers in the
Licensee	HT category	LT category
KINESCO power utilities	18 No's	217 No's
CSEZ	28 No's	114 No's
Technopark	18 No's	456 No's

It may please be noted that the proportion of LT consumers is double when compared with other licensees. The LT consumers is scattered inside the park at various locations. Further, it may be noted that the point of power connection for these LT consumers is at their premises, hence some losses occurs in the LT cabling system for supplying power to these consumers.

In Technopark campus the premises of IT/ITES tenants are air-conditioned. This is done using centralized air-conditioning plants, split air conditioning units is some of the older buildings etc. Huge inductive load is present in the system mainly due to the air conditioning systems. As a result of this inductive load the  $I^2R$  losses occurring in the transformers, cables and connected equipment increases thereby causing increase in the power losses.

APFC (Automatic power factor correction) units are used to reduce the effects due to the inductive load. The APFC's contains capacitor units which are switched according to the inductive load demand. The APFC units compensates the inductive load to some extent. Metering is not applied to the APFC units since it's a system load. Therefore, the power consumed in the operation of APFC panels for power factor correction gets reflected in the power losses.

Another important reason for observing higher distribution losses is due to the higher harmonics due to the nonlinear IT loads. The discrete IT loads in Technopark a special feature and unlike similar licensees and this contributes to a greater percentage of harmonics. The presence of harmonics in the system causes heating of power transformers, increases hysteresis losses, losses in cables etc. This is also one of the reasons for excess distribution loss.

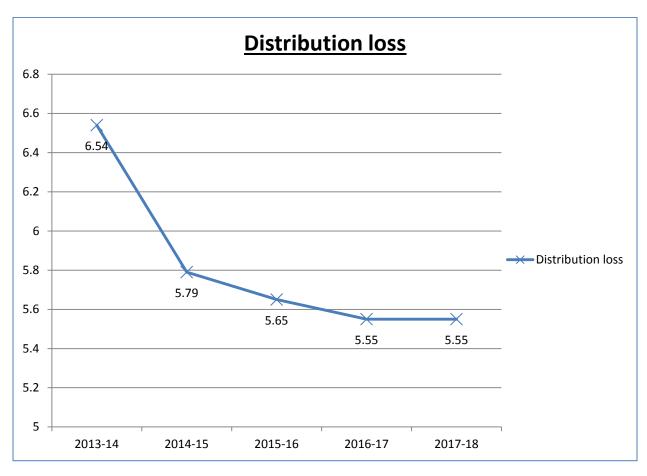
Pursuant to the direction from the Hon'ble Commission, all the electromagnetic type energy meters fitted in EB feeders in Technopark phase – I campus are replaced with more accurate electronic energy meters/ Trivector meters for

accurate measurement of energy consumption. A comparison of the AT&C losses based on the actual figures and the figures approved by Hon'ble Commission are shown below.

Year	2012-13	2013-14	2014-15
% AT&C Losses	6.93	6.54	5.79

The AT&C loss figures projected for the FY 2015-16, 2016-17 and 2017-18 are as follows.

Year	2015-16	2016-17	2017-18
% AT&C Losses	5.65	5.55	5.55



Although earnest efforts are taken by the licensee in bringing down the AT&C losses, it is not practically possible to reduce the losses beyond a specific value due to the reasons mentioned above.

# 5 Consumer Mix Estimated for FY 2015-16 and subsequent multiyear period.

The consumer mix proposed for FY 2015-16, FY 2016-17 and FY 2017-18 as per the latest schedule of tariff is as follows.

		No. of Consumer	S
Category			
	FY 2015-16	FY 2016-17	FY 2017-18
HT-IB (IT/ITES)	17	20	20
HT - II (Non Industrial)	1	2	2
HT - IV (Commercial)	1	3	3
LT IVA (Industrial)	8	8	9
LT IVA (Industrial) 10kW <cl<20kw< td=""><td>1</td><td>2</td><td>2</td></cl<20kw<>	1	2	2
LT IVA (Industrial) CL>20kW	3	4	3
LT IVB Industrial IT & ITES < 10 kW	52	58	62
LT IVB Industrial IT & ITES < 20 kW	55	62	66
LT IVB IT & ITES >= 20 kW (TOD)	210	220	240
LT - VI (A) General	1	2	2
LT - VI (B) General	8	9	12
LT VI C General (1-Ph or 3-Ph)	32	37	40
LT VI F General (1-Ph)	30	32	42
LT VI F General (3-Ph)	26	26	38
LT VII (A) Commercial (1-Ph)	41	43	47
LT VII (A) Commercial (3-Ph)	61	65	75
LT VII (B) Commercial	14	14	14
Self Consumption	3	3	3
Street Lighting	14	15	15
Total	578	625	695

It may be noted that the maximum number of consumers are from the LT industrial IT/ITES category, which accounts for more than 55% of the overall consumer base. These consumers along with the IT/ ITES consumers under the HT category are the mainstay of the licensee. Consumers coming under self-consumption are Technopark phase-I campus, 110kV substation Technopark phase-III and Technopark Kollam campus. The total share of non IT consumers in the consumer base is 42.61%.

# 6 Consumer Category wise Energy Requirement for 2015-16 and subsequent years of control period.

Projection of consumption and demand is made taking into consideration the increase in power consumption due to the existing consumers and power consumption expected due to the addition of new consumers. The Technopark Phase-I Campus is almost saturated so new consumers expected for FY 2014-15 is less. Consumer growth is happening in IT buildings inside Technopark Phase-I Campus like leela Infopark building. The places where addition of new consumers is expected to take place are Tejaswini building, LeelaInfopark building, Amstor building, Reception building, Bhavani building and TCS SEZ campus. TATA consultancy services is setting up their software development centre in 25 Acres of SEZ land in Technopark Phase-I campus.

The 1 million sqft IT building constructed by Technopark in phase-III campus is getting occupied progressively. This IT building is a multi-tenant facility which will be occupied progressively. Over thirty IT/ITES consumers has already started their operations from the building. The construction of SBC modules are completed which are almost fully occupied.. The power consumption of new consumers in this building is also considered for projecting the energy requirement.

The construction of 1-lakh sqft IT building in Technopark Kollam was also completed during the last financial year. IT/ITES consumers has already started operations from this building.

The expected consumption of consumers from various categories is tabulated as follows. Majority of the consumers and energy consumption is happening in the LT category of consumers. The consumer strength of HT consumer category is less when compared with the LT consumer category, however around one third of the overall energy consumption is from these category of consumers. 97% of energy in the HT category is consumed by IT/ITES industrial consumers. Consumption of Non Industrial/ Commercial categories is less.

90% of the consumption in the LT category is by IT/ITES industrial consumers, out of this 58% of the consumption is by consumers having

power demand over 20kW. Self-consumption/ Auxiliary consumption of the licensee are 1% of the total consumption of LT consumers.

The consumer categories have diversified as per the new tariff schedule. For the LT IT/ITES consumers TOD tariff is considered for the consumers having a connected load of 20kW or above.

The Estimated load growth of different categories of consumers in different phases are given in table below.

Load in kVA	2015-16		2016	5-17	2017-18	
	LT	HT	LT	HT	LT	HT
Phase I	150	1600	300	1200	300	1200
Phase II	-	200	-	500	-	1200
Phase III	50	-	400	-	800	2500
Phase IV	-	-	-	2000		3000
Phase V	100	-	100	800	200	800

The energy consumption during 2014-15 and the projected energy consumption of different categories of consumers for the period 2015-16, 2016-17 and 2017-18 are given in table below.

Category	Cons	umption in Lakhs	s Units
HT	2015-16	2016-17	2017-18
HT IB (IT & ITES)	266.21	305.31	341.94
HT – II ( Non Industrial			
Non Commercial)	3.52	4.05	4.53
HT - IV (Commercial)	7.65	8.90	9.96
HT Sub Total	277.38	318.26	356.43
LT Category			
LT IV A Industrial	1.14	1.21	1.21
LT IVA (Industrial)			
10kW <cl<20kw< td=""><td>0.09</td><td>0.10</td><td>0.10</td></cl<20kw<>	0.09	0.10	0.10
LT IV A CL> 20 kW			
(Industrial)	1.93	2.05	2.05

LT IV B IT/ITES CL<			
10kW	2.49	2.64	2.64
LT IVB IT/ITES			
10kW <cl<20kw< td=""><td>13.21</td><td>14.00</td><td>14.00</td></cl<20kw<>	13.21	14.00	14.00
LT IV B IT/ITES CL >			
20 kW IT & ITES	425.43	450.95	478.01
LT VI A General	0.07	0.07	0.07
LT VI B General	1.62	1.72	1.72
LT VI C General			
1 Phase or 3 Phase	2.39	2.53	2.53
LT VI F General			
1 Phase	0.22	0.23	0.23
LT VI F General			
3 Phase	5.96	6.32	6.32
LT VII A Commercial			
(1 ph)	1.04	1.10	1.10
LT VII A Commercial			
(3 ph)	13.38	14.18	14.18
LT VII B Commercial	0.18	0.19	0.19
Sub Total			
Self Consumption	3.25	3.44	3.44
LT IX B Metered Street			
Light	2.64	2.80	2.80
LT Sub Total	475.02	503.52	530.58
Total	752.4	821.78	887.01

#### **Purchase of Power:**

The power demand and energy requirement for different years are projected based of the previous year consumption, the growth in consumption of existing consumers and the estimated consumption of new consumers. The forecasted values are as follows.

Period	Power Demand in kVA	Energy in Lakh Units	Demand charges rate : Rs/kVA	Demand charges : Rs in Lakhs	Energy Charges: Rs /kWh	Energy Charges Rs in Lakhs	Total Cost Rs in Lakhs
2013-14	15758	653.29	300	659.14	4.85	3120.02	3779.16
2014-15	18684	728.00	300	672.65	4.85	3531.67	4204.32
2015-16	20959.83	801.19	300	754.55	4.85	3885.75	4640.31
2016-17	23847.33	865.96	300	858.50	4.85	4199.92	5058.42
2017-18	26997.33	937.47	300	971.90	4.85	4546.72	5518.63

**O & M Expenses**: It comprises employee cost ,repairs and maintenance cost and administration and general expenses. As per the direction of the Hon.Commission the normative values specified in the regulation on the Terms and Conditions for Determination of Tariff (dated 14-11-2014) are assumed as the estimated value for the year 2015-16, 2016-17 and 2017-18 and is given in table

Rs. In Lakhs.

O & M	2013-14	2014-15	2015-16	2016-17	2017-18
	Actual	Actual	Normative	Normative	Normative
Employee					
Cost	24.76	30.26	133.38	141.18	149.44
R & M					
Expenses	128.16	154.28	156.37	165.52	175.20
A & G			19.83	20.99	22.21
Expenses	35.42	15.76			
Total	188.34	247.60	309.58	327.69	346.85

**Depreciation :** The depreciation for different years are estimated as per CERC and KSERC regulations. The capitalization is not considered by the Hon.Commission during 2014-15 .But the estimation of depreciation for the multiyear is done after adding the cost of substation equipment and lines those have already commissioned during 2014-15 .The details are shown in the concerned forms. The projected values of depreciation for different years are given in table.

Depreciation	2013-14	2014-15	2015-16	2016-17	2017-18
Rs in Lakhs	Actual	Approved	estimated	estimated	estimated
Depreciation On GFA	152.46	154.07	154.24	175.11	175.11
Grants & Consumer contribution	28.06	28.06	28.06	28.06	28.06
Allowable Depreciation	124.40	126.01	126.18	147.05	147.05

#### **Interest & Finance Charges:**

Interest on different loans and the financial charges for different years are given in table.

Interest &	2013-14	2014-15	2015-16	2016-17	2017-18
Finance	Actual	Actual	Projected	Projected	Projected.
Charges	57.33	69.75	76.73	84.4	92.84

#### **Return on Equity:**

As per the KSERC regulation on terms and conditions for determination of tariff dated 14-11-2014 the returns can be calculated based on the Equity portion of the capital expenses, or on the basis of net fixed assets if the equity portion is not clearly identifiable .The permitted value of returns is 3 per centage of the net Fixed Asset as on the first day of the concerned financial year.In this petition the returns are estimated on this principle and the values in different years of the control period are given in table .

RONFA	2013-14	2014-15	2015-16	2016-17	2017-18
	Actual	Actual	Projected	Projected	Projected.
Net Fixed					
Asset at					
the					
beginning					
of the year	1682.36	2091.92	1937.85	2178.9	2003.79
Returns 3					
%	50.47	62.76	58.14	65.37	60.11

M/S Technopark has no expenses in the way of transmission charges or RLDC charges or interest on bonds or interest on working capital (No short term loan is taken for working capital) or taxes of ROE etc

The aggregate revenue requirement for the different years of the multiyear span are shown in table.

### **Summary of Aggregate Revenue Requirement: Rs in Lakhs**

	T					
	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
	Actual	Actual	Approved	Projected	Projected	Projected
Cost of own power power purchase	3088.73	3779.16	4356.94	4640.31	5058.42	5518.63
Transmission Charges	0.00	0.00	0.00	0.00	0.00	0.00
NLDC/RLDC/SLDC Charges	0.00	0.00	0.00	0.00	0.00	0.00
Operation & Maintenance Expenses	209.46	188.34	278.59	309.58	327.69	346.85
Employee Expenses	18.74	24.76	18.73	133.38	141.18	149.44
Annual Contribution for Terminal Liabilities based on actuarial valuation	0.00	0.00	0.00	0.00	0.00	0.00
Administration & General Expenses	66.09	35.42	63.06	19.83	20.99	22.21
Repair & Maintenance Expenses	124.63	128.16	196.80	156.37	165.52	175.20
Depreciation	104.25	155.99	126.01	154.24	175.11	175.11
Interest and finance charges on long term loans	68.76	57.33	147.73	76.73	84.40	92.84
Interest on Bonds to meet Terminal Liabilities	0.00	0.00	0.00	0.00	0.00	0.00
Interest on Working Capital	0.00	0.00	0.00	0.00	0.00	0.00
Interest on consumer security deposits and deposits from Users of the distribution system	0.00	46.64	0.00	66.62	79.94	95.93
Any other item (to be specified)	0.00	0.00	0.00	0.00	0.00	0.00
Contribution to contingency reserves	0.00	0.00	0.00	0.00	0.00 0.00	
Provisioning for Bad debts, if any	0.00	0.00	0.00	0.00	0.00	0.00
Adjustment for profit/loss on account of controllable/uncontrollable factors	0.00	0.00	0.00	0.00	0.00	0.00
Total Revenue Expenditure	3471.20	4227.46	4909.27	5247.46	5725.56	6229.35
Return on Equity /Net Fixed Assets	10.00	75.29	10.00	58.14	65.37	60.11
Tax on ROE		0.00	0.00	0.00	0.00	0.00
Aggregate Revenue Requirement (13+15)	3481.20	4302.75	4919.27	5305.60	5790.92	6289.46
Less: Non Tariff Income	53.58	23.80	46.97	44.05	45.21	46.48
Less: Income from wheeling charges	0.00	0.00	0.00	0.00	0.00	0.00
Less: Income from Other Business (to be specified)	0.00	0.00	0.00	0.00	0.00	0.00
Less: Receipt on account of Cross Subsidy Surcharge on wheeling charges	0.00	0.00	0.00	0.00	0.00	0.00
Less: Receipt on account of additional surcharge on charge of wheeling	0.00	0.00	0.00	0.00	0.00	0.00
Aggregate Revenue Requirement from Retail Tariff	3427.62	4278.95	4872.30	5261.55	5745.72	6242.99

### **7 Expected Revenue from charges:**

The revenue mix is prepared by considering the revenue from tariff only, state levies and other income are not considered while calculating the revenue mix.

The revenue from various categories of consumers are tabulated below.

	Revenue fro	m Tariff	
LT	2015-16	2016-17	2017-18
LT IV A (Industrial)	6.05	6.40	6.40
LT IVA (Industrial)		0.10	
10kW <cl<20kw< td=""><td>0.54</td><td>0.58</td><td>0.58</td></cl<20kw<>	0.54	0.58	0.58
LT IV A CL> 20 kW			
(Industrial)	11.89	12.92	12.92
LT IV B IT/ITES CL< 10kW	17.14	1027.43	18.62
LT IVB IT/ITES			
10kW <cl<20kw< td=""><td>81.33</td><td>11.64</td><td>93.32</td></cl<20kw<>	81.33	11.64	93.32
LT IV B IT/ITES CL > 20			
kW IT & ITES	2855.27	62.87	3064.33
LT VI A General	0.53	1734.23	0.58
LT VI B General	0.00	0.21	
LT VI C General			
1 Phase or 3 Phase	25.37	0.58	27.76
LT VI F General			
1 Phase	1.60		1.74
LT VI F General			
3 Phase	52.85	9.95	56.89
LT VII A Commercial			
(1 ph)	7.57	8.92	8.19
LT VII A Commercial	106.04	17.35	126.53

(3 ph)			
LT VII B Commercial	1.08	1.15	1.16
Self Consumption	20.43	22.01	22.26
Street Lighting	8.90	9.43	9.43
Sub Total	3149.01	3223.62	3397.26
HT			
HT -I Industrial	1604.67	1843.73	2063.85
HT -II Non Industrial	21.75	35.40	38.39
HT- IV Commercial	56.56	82.57	90.43
Sub Total	1682.98	1934.26	2165.22
Total	4831.9	5148.31	5552.91

**Non-Tariff Income**: The estimated non-tariff income for the years is given in table below.

Rs in Lakhs

Non-tariff	2013-14	2014-15	2015-16	2016-17	2017-18
Income	Actual	Actual	Projected	Projected	Projected.
	23.80	19.30	44.05	45.21	46.48

### Summary of ARR & ERC is given in the table below.

	201	2-13	201	3-14	201	4-15	2015-16	2016-17	2017-18
Rs. In Lakhs	Approved	Actual	Approved	Actual	Approved	Actual	Projected	Projected	Projected
Total Expenditure	3190.56	3481.20	4640.25	4302.75	4919.27	4759.26	5305.60	5790.92	6289.46
Income from Sale of Power	3147.26	3390.42	4523.61	3488.30	4198.75	4582.78	4858.08	5135.45	5556.05
Non Tariff Income	43.58	53.58	46.97	23.80	46.97	19.30	44.05	45.21	46.48
Total Income	3190.84	3444.00	4570.58	3512.10	4245.72	4602.08	4902.13	5180.65	5602.53
Revenue Gap	0.28	-37.20	-69.67	-790.65	-673.55	-157.18	-403.47	-610.27	-686.93

Revenue Gap : The estimated revenue Gap for the different years of the control period is shown in table .

EXPE	CTED REVEN	UE FROM CH	IARGES: Rs.	In Lakhs									
	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18							
	Actual	Actual	Actual	Projected	Projected	Projected							
Revenue from Tariff	3390.42	3488.30	4582.78	4858.08	5135.45	5556.05							
REVENUE GAP													
Profit/Loss in Rs. Lakhs	-37.20	-790.65	-157.18	-403.47	-610.27	-686.93							

#### **PRAYER:**

**Technopark therefore prays before the Hon'ble Kerala State Electricity Regulatory Commission to** 

- 1. Approve the projected ARR/ERC for the financial year 2015-16, 2016-17 and 2017-18.
- 2. May be permitted to file the tariff petition after fixing the revenue gap by the Hon.Commission.
- 3. Technopark may be allowed to submit additional details, furnish missing details and correct errors if any at a later stage.

Encl: All relevant forms.

### Form D 1.1

### **Summary of Aggregate Revenue Requirement**

Name of Distribution Business/Licensee : Electronics Technology Parks - Kerala (Technopark)

Licensed Area of Supply: Technopark Campus

S.No.	Particulars	Reference			Year 2013-14 1 Lakhs		C	urrent Year 2014 Rs in lakhs	<b>1-1</b> 5	Year 2015-16 Rs .in Lakhs	Year 2016-17 Rs in Lakhs	Year 2017-18 Rs in Lakhs	Remark
3.110.	T atticulats	form no.	Approved in Tariff Order	Audited	Normative	Truing Up requirement	Apr-March (Actual)	Estimated for the year	Approved by the Commission	(Projected)	(Projected)	(Projected)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Cost of own power generation/power purchase	3.1	4172.03	-	-	3779.16	4204.33	4364.72	4356.94	4640.31	5058.42	5518.63	
	Transmission Charges	3.2	0.00	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	NLDC/RLDC/SLDC Charges	3.3	0.00	-	-	0.00	0.00		0.00	0.00	0.00	0.00	_
	Operation & Maintenance Expenses	3.4	0.00	-	-	188.34	200.30		278.59	309.58	327.69	346.85	
	Employee Expenses	3.4	17.27	-	-	24.76	30.26	18.99	18.73	133.38	141.18	149.44	:
4.2	Annual Contribution for Terminal Liabilities based on actuarial valuation		0.00	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	)
4.3	Administration & General Expenses	3.4	58.04	-	-	35.42	15.76	64.00	63.06	19.83	20.99	22.21	
4.4	Repair & Maintenance Expenses	3.4	196.70	-	-	128.16	154.28	199.14	196.80	156.37	165.52	175.20	
	Depreciation	3.5	124.40	-	-	155.99	154.07	174.92	126.01	154.24	175.11	175.11	
	Interest and finance charges on long term loans	3.6	61.81	-	-	57.33	69.75	106.45	147.73	76.73	84.40	92.84	
-	Interest on Bonds to meet Terminal Liabilities	3.6	0.00	-	_	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Interest on Working Capital	3.7	0.00	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	)
9	Interest on consumer security deposits and deposits from Users of the distribution system		28.06	-	-	46.64	55.51	41.28	0.00	66.62	79.94	95.93	
10	Any other item (to be specified)		0.00	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11	Contribution to contingency reserves		0.00	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12	Provisioning for Bad debts, if any		0.00	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Adjustment for profit/loss on account of controllable/uncontrollable factors		0.00	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
14	Total Revenue Expenditure		4386.30	-		4227.46	4683.97	4969.50	4909.27	5247.46	5725.56	6229.35	
15	Return on Equity /Net Fixed Assets	3.8	10.00	-	_	75.29	75.29	461.87	10.00	58.14	65.37	60.11	
	Tax on ROE	3.9	0.00	-	_	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
17	Aggregate Revenue Requirement (13+15)		4396.30	-	_	4302.75	4759.26	5431.37	4919.27	5305.60	5790.92	6289.46	
18	Less: Non Tariff Income	2.4	20.40	-	_	23.80	19.30	43.00	46.97	44.05	45.21	46.48	
19	Less: Income from wheeling charges	2.2	0.00	-	_	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	Less: Income from Other Business (to be specified)		0.00	-	_	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
21	Less: Receipt on account of Cross Subsidy Surcharge on wheeling charges		0.00	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
22	Less: Receipt on account of additional surcharge on charge of wheeling		0.00	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
23	Aggregate Revenue Requirement from Retail Tariff		4375.90			4278.95	4739.95	5388.37	4872.30	5261.55	5745.72	6242.99	

### Form D 2.1 Revenue from Sale of Power

Name of Distribution Business/Licensee : Electronics Technology Parks - Kerala (Technopark)

Licensed Area of Supply: Technopark Campus

Year 2013-14

	Year 2013-14																									
S.No.	Particulars	Number of consumers	Number of consumers billed	Connected Load of consumers/ Billing Demand	Units Sold (Lakhs Units)	% of total Unit sold	Demand/ fixed charges Rs/ kva	Demand/ fixed chargesR s in Lakhs	Energy Charges Rs/kwh	Energy Charges Rs in Lakhs	Fuel Adjust ment charges @	Total	Average rate/kwh	Excess Load/ excess demand charges@	1,:11:	Power factor surcharge/i ncentive	voltage rebate	load factor penalty /incentive	Other charges if any@	DPS /LPS @	Sub- total	Other Rentals	Misc. recoverie s@	Sub-total	Avg. realisati on per KWh	Remark s
				kW	Lakhs							8+9+10	Rs/kwh								13) to (19	)	(11)	+(20)+(21)+	+(22)	
1	2	3	4	5	Units	7		8		9	10	11	12	13	14	15	16	17	18		20		22	23	24	25
Δ)	Revenue from sale of Electri	U	-	Ü	ff of suppl	v of Flecti	ricity)	0		9	10	11	12	13	14	15	10	1/	10	19	20	21	22	23	24	25
- A)	LT Categories	icity to consu	illers ( categor	les as per tarii	ii oi suppi	y of Electi		1		1	l															
	LT IV A	Τ																								
1	(Industrial	78	78	896	28	5	;	31		14	0	46	2	1	0	0	0	0	0	0	1	0	0	47	2	2
	LT IV B																									
2		366	366	13284	346	57	'	96		2087	0	2183	6	2	0	0	0	0	0	0	2	0	0	2185	6	5
	LT VI A(Non-Domestic 1ph																									
3	& 3 ph) LT VI B(Non-Domestic 1ph	1	1	10	0	0	1	0	1	1	0	1	111	0	0	0	0	0	0	0	0	0	0	1	111	L
4	& 3 ph)	4	0	31	1	0	,	0		10	0	10	11	0	0	0	0	0	0	0	0	0	0	10	11	,
	LT VI C(Non-Domestic	7	0	31			1	0		10	-	10	- 11	0	0	0	0	0	- 0		0	0	- 0	10		
5	,	29	29	158	2	0		3		19	0	22	11	0	0	0	0	0	0	0	0	0	0	22	11	L
	LT VII A Commercial																									
6		49	49	110	1	0		1		51	0	52	54	0	0	0	0	0	0	0	0	0	0	52	54	1
	LT VII A Commercial			1006	•					_		•						0						•	ـ ا	
	( · r )	80 16	80 16	1396	20	3		20		111	0	28 111		0	0	0	0	0	0	0	0	0	0	28 111		
8	LT VIII B Commercial LT VIII General	16	16	16	0	0	1	0		111	0	111	658	0	0	0	0	0	U	U	U	U	0	111	658	3
g	(3 ph)	1	1	11	0	0	,	0		1	0	1	19	0	0	0	0	0	0	0	0	0	0	1	19	9
	Self Consumption	4	4	2340	9	1					Ů	0	0				Ü	0				Ü				
	Street Lighting	10		960	2	0	)					0	0													
	Sub Total	638	638	19212	410	67	0	153	0	2301	0	2454	6	3	0	0	0	0	0	0	3	0	0	2456	6	5
																									<b></b>	
	HT Categories	T	1	1.500					<u> </u>			.=-	_										_			_
	HT -I Industrial HT -II Non Industrial	15		6599 84	190	1	1			952 11		972 11		4		-4	0	0	0	0	0	0	0	972 11	5	5
	HT- IV Commercial	1	1	160	8	1	400		6	48		48		0		0	0	0	0	0	1	0	0	49		5
	<u> </u>	17	17		201	33			16	1011	0	1031	5	ŭ	0	-4	0	0	0	0	1	0	0	1032	<u>5</u>	5
	Extra High Tension (EHT)	Nil																							·	
		Nil																								
				26056	611	100	0	173	16	3312	0	3485	6	7	0	-4	0	0	0	0	3	0	0	3488	6	5
	Revenue from sale of power		State																						<u> </u>	
	Sale through power exchange	e							1																	
	Sale to other States								-																<u> </u>	
	Sale through Traders  Total of items not shown cat	tegorywice				-			+	-										<del>                                     </del>				-		
a)	Reactive Energy Charges	icgory wise	<u> </u>																	<del>                                     </del>				n	 I	
b)	Electricity Duty Recovery																			<del>                                     </del>				221		
	Other state Levies Recovery																							0		
	Total Duty & Levies				-																			221		
	Wheeling charges Recoveries																							0		
e)	Miscellaneous Charges from																							0	<del></del>	
20	Gross Revenue From Sale of		Control			-			-	-										<del>                                     </del>				<b>3709</b> 221		
30	Less: i) Electricity Duty Paya ii)Other State Levies Pa					-				-														0		+
	Net Revenue from Sale of Po								<u> </u>											<del>                                     </del>				3488		
	The second second of the		-,			1	1	l .	1															0 200		

Name of Distribution Business/Licensee: TECHNOPARK

Licensed Area of Supply : Thiruvananthapuram

S.No.	Particulars	Number of consumers	Number of consumers billed	Connected Load of consumers Billing Demand
			4	KW
1	2	3	4	5
A)	Revenue from sale of Electrici	ty to consum	ers ( categorie	s as per tariff of
	LT Categories			
	LT IV A (Industrial - Non TOD	6	6	865.70
2	LT IV A above 10 kW and < 20 kW (Industrial - Non TOD	2	2	85.60
	LT IV A above 20 kW (Industrial - Non TOD	3	3	1233.50
	LT IV B (Industrial - Non TOD) IT & ITES Non-TOD LT IV B < 10 kW (Industrial - Non TOD) IT & ITES Non-TOD	52 55	52 55	79648.08 2341.47

6	LT IV B > 10 kw but < 20 kW (Industrial - Non TOD) IT & ITES Non-TOD	203	203	6570.31
	LT IV B > 20 kW (Industrial - Non TOD)			
7	IT & ITES Non-TOD		0	112370.34
8	LT VI A Non Domestic < 10 kW	3	3	102.90
9	LT VI A Non Domestic > 10 kW	1	1	164.64
10	LT VI B General	8	8	696.24
11	LT VI B Non Domestic (Non-Domestic 1ph & 3 ph)	8	8	6570.31
12	LT VI C General (Non-Domestic 1ph & 3 ph)	30	30	831.72
13	LT VI C (Non-Domestic 1ph & 3 ph)	32	32	1472.64
14	LT VI F General 1 Phase	30	30	346.14
15	LT VI F General 3 Phase	26	26	3585.68
16	LT VII A Commercial (1 ph)	39	39	1364.11
17	LT VII A Commercial (3 ph)	54	54	11398.49
18	LT VII B Commercial	14	14	184 20
18		14	14	184.20

	LT VIII General							
19	(3 ph)	3	3	89.40				
20	Self Consumption	2	2	2952.65				
21	Street Lighting	13	13	80.00				
	Sub Total	584	584	232954.113				
	HT Categories	1						
	8							
1	HT -I Industrial	17	17	92457.63				
_								
2	HT -II Non Industrial	1	1	1238.89				
				1200.09				
2	HT- IV Commercial	1	1	1998.98				
3	Sub Total	19	19	95695.51				
	Extra High Tension (EHT)	Nil	19	93093.31				
	Extra riigh Tension (E111)	1111						
	D. II. Comment II.	NT:1						
	Bulk Consumers/ Licensees	Nil						
	Total	603.00	603.00	328649.62				
	Revenue from s	ale of pow	er outside the	State				
	Cala thursual massaurum and a mass							
	Sale through power exchange Sale to other States							
	Sale through Traders							
	Total of items not sharen sets	GOTTIVICO						
`	Total of items not shown cate	gorywise						
	Reactive Energy Charges							
	Electricity Duty Recovery							
c)	Other state Levies Recovery							
	Total Duty & Levies							

d)	Wheeling charges Recoveries								
e)	Miscellaneous Charges from consumers								
1									
2									
3									
	Gross Revenue From Sale of Power								
30	Less: i) Electricity Duty Payable to Govt. (Contra)								
	ii)Other State Levies Payable to Govt. (Contra)								
	Net Revenue from Sale of Power (A29-A30)								

#### Note:-

- \* Note: To be furnished separately for each year commencing from (n-1)th:
- 1. Information at Column 3,4 & 5 will be for the end of the year.
- 2. Inapplicable items may be ommitted.
- 3. Electricity duties & State Govt. levies, wheeling charges, Recoveries for th
- 5. @ to be indicated where applicable.
- 6. consumer categories in forms are indicative only. Distribution Business/I
- 7. Detailed data should be submitted for all categories, sub-categories, and a

Units Sold (Lakhs Units)			% of total Unit sold	Demand/ fixed charges@ Rs/kVA	Demand /Fixed charges Rs in Lakhs	Energy Charges Rs/kWh
Zone 1	Zone 2	Zone 3	7		8	
oursely of Electric	: a: t \	6	7		o	
supply of Electri	icity )					
1.08				100.00	0.87	5.20
0.09				60.00	0.05	5.20
1.82				125.00	1.54	5.20
140.11	200 50			100.00	<b>70</b> (5)	F.00
149.11	389.59			100.00	79.65	5.80
1.47				100.00	2.34	5.80

7.79		60.00	3.94	5.80
		50.00	J.7 <del>1</del>	5.50
231.22		125.00	140.46	5.80
0.02		50.00	0.05	5.50
0.02		50.00	0.00	0.50
0.06		50.00	0.00	6.20
0.06		50.00	0.08	6.30
0.96				
0.45		70.00	4.60	6.30
0.85		180.00	1.50	7.00
0.03		100.00	1.50	7.00
1.41		180.00	2.65	8.50
0.21		60.00	0.21	6.15
5.62		120.00	4.30	8.00
0.02		120.00	1.00	0.00
0.98		<i>(</i> 0.00	0.82	<i>(</i> 25
0.98		60.00	0.82	6.35
10.70		100.00	10.70	F 40
12.62		120.00	13.68	7.40
0.17		40.00	0.07	5.57

0.05				30.00	0.03	3.60
3.06				100.00	2.95	4.25
2.49					0.05	2.75
421.52		0.00			259.85	116.47
253.54	37.18	47.90		354.05	327.35	5.60
2.49	0.40	0.00		400.00	4.06	6.20
3.48	0.49	0.88		400.00	4.96	6.20
7.50	1.35	2.68		400.00		6.30
264.52	39.02	51.46			340.30	
	<u> </u>					
686.04	39.02	51.46	0.00	0.00	600.14	116.47

year to (n+3)th year.

 ${\it neft}\ \&\ {\it malpractices},$  which can not be indicated categorywise may be shown against Item 1

Licensee should indicate actual consumer categories as per existing tariff schedule consumption slabs, as applicable

Form D 2.1

nue from Sale of Power

Year 2014-15

Year 2014	-13						
Ernrgy Charge Rs in lakhs	Fuel Adjustm ent charges @	Total	Average rate/kwh	Excess Load/ excess demand charges@	Adjust ment of past billing	Power factor surcharge/ incentive	voltage rebate
		8+9+10	paisa/kwh				
9	10	11	12	13	14	15	16
5.61	0.00	6.48	6.00	0	0	0	0
0.45		0.50	5.80				
9.47		11.01	6.05				
864.87	0.00	944.51	6.33	2.97	0	0	0
001.07	0.00	711.01	0.55	2.77			0
8.51		10.86	7.40				

	,						
45.17		40 11	6.31				
45.17		49.11	0.31				
1341.06		1481.52	6.41				
0.12	0.00	0.17	7.90	0	0	0	0
0.12	0.00	0.17	7.50		0	0	
0.41		0.49	7.58				
0.41		0.49	7.36				
2.82	0.00	7.42	16.58	0	0	0	0
5.98	0.00	7.47	8.75	0	0	0	0
11.96		14.61	10.38				
1 07	0.00	1 40	715	0	0	0	
1.27	0.00	1.48	7.15	0	0	0	0
44.98		49.29	8.77				
6.22	0.00	7.03	7.19	0	0	0	0
93.39	0.00	107.07	8.48	0	0	0	0
	3.30		5.10				
0.93	0.00	1.01	6.01	0	0	0	0

0.16	0.00	0.19	4.19	0	0	0	0
13.02		15.97	5.21				
6.85		6.90	2.77				
2463.25	0.00	2723.09	6.46				
1933.29		2260.64	8.92	0.88	6.34	-16.70	0.00
30.26		35.21	10.11	0.01	0.09	-0.11	0.00
72.65		80.65	10.75	0.00			
2036.20		2376.50	8.98	0.90	6.61	-17.97	0.00
1100.15	0.00	<b>-</b> 200 <b>-</b> 20		2.22		17.07	2.00
4499.45	0.00	5099.59	7.43	0.90	6.61	-17.97	0.00

13.

load factor penalty /incentive	Other charges if any@	DPS /LPS @	Sub-total	Other Rentals	Misc. recoverie s@	Sub-total	Avg. realisation per KWh (Excluding ED & Govt.levies @)
			(13) to (19)			(1)+(20)+(21)+(21)	
17	18	19	20	21	22	23	24
0	0	0	0	0	0	6.48	6.00
						0.50	5.80
						11.01	6.05
0	0	0	0.00	0	0	944.51	6.33
		<u> </u>	2.30			711.01	0.00
						10.86	7.40

6.31	49.11						
0.01	19.11						
6.41	1481.52						
7.90	0.17	0	0	0	0	0	0
7.58	0.49						
16.58	7.42	0	0	0	0	0	0
8.75	7.47	0	0	0	0	0	0
0.73	7.17	U	0	0	0	0	0
10.38	14.61						
7.15	1.48	0	0	0	0	0	0
8.77	49.29						
= 40	<b>-</b> 00						
7.19	7.03	0	0	0	0	0	0
8.48	107.07	0	0	0	0	0	0
6.01	1.01	0	0	0	0	0	0

	0	0	0	0	0		0.10	4.10
	0	0	0	0	0	0	0.19	4.19
				0			15.97	5.21
				0			6.90	2.77
				0			2723.09	6.46
							0.00	
							0.00	
							0.00	
							0.00	
(	0.00	0.00	0.00	-9.48	0	0	2251.16	8.88
							0.00	
(	0.00	0.00	0.00	-0.01	0	0	35.20	10.11
							0.00	
(	0.00	0.00	0.00	-0.97	0		79.68	10.63
0.00		0.00	0.00	-10.46	0.00	0.00	2366.04	8.94
0.00		0.00	0.00	-10.46	0.00	0.00	5089.13	7.42
							271.70	

			5360.83 271.70	
			271.70	
			5089.13	

khs)

Remarks

25

RVENUE FRO	M TARIFF	: Rs in Lakhs.				
	No.of		2016.17			
LT	Consumers	2015-16	2016-17	2017-185		
I T IX7 A						
LT IV A						
(Industrial - Non TOD	6	6.48	6.02	6.40		
LT IV A above 10 kW and < 20 kW						
(Industrial - Non TOD		0.50	0.54	0.58		
(mustriar - Non 10D	2	0.50	0.34	0.56		
LT IV A above 20 kW (Industrial - Non TOD	3	11.01	11.89	12.92		
LT IV B (Industrial - Non TOD) IT & ITES Non-TOD	52	944.51	969.27	1027.43		
LT IV B < 10 kW (Industrial - Non TOD)						
IT & ITES Non-TOD	55	10.86	10.71	11.64		

kW				
(Industrial - Non TOD)				
IT & ITES Non-TOD	203	49.11	57.73	62.87
LT IV B > 20 kW				
(Industrial - Non TOD)				
IT & ITES Non-TOD	4	1481.52	1623.13	1734.23
LT VI A Non Domestic				
< 10 kW	3	0.17	0.19	0.21
LT VI A Non Domestic > 10 kW	1	0.40	0.53	0.58
~ 10 KVV	1	0.49	0.53	0.58
LT VI B General	8			
LT VI B Non Domestic				
(Non-Domestic 1ph & 3				
ph)	8	7.42	8.51	9.95
LT VI C General				
(Non-Domestic 1ph & 3				
ph)	30	7.47	8.13	8.92
LT VI C				
(Non-Domestic 1ph & 3				
ph)	32	14.61	15.86	17.35
LT VI F General 1 Phase	30	1.48	1.60	1.74
LT VI F General 3 Phase	26	49.29	52.85	56.89
ITVII A Commencial				
LT VII A Commercial (1 ph)	39	7.03	7.57	8.19
( - P )	37	7.03	7.37	0.19
LT VII A Commercial				
(3 ph)	54	107.07	106.04	126.53
LT VII B Commercial				
	14	1.01	1.08	1.16

-	
-	
<u> </u>	
<b>-</b>	
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LT VIII General ( 3 ph)	3		0.19	0.30	0.34
Self Consumption	2		15.97	20.43	22.26
Street Lighting	13		6.90	8.90	9.43
Sub Total	588		2723	2911	3120
HT					
HT -I Industrial	17		2251.15656	2314.392	2592.119
			0		
HT -II Non Industrial	1		35.204082	32.05085	35.89696
			0		
HT- IV Commercial	1		79.6795732	96.75095	108.3611
Sub Total		19	2366	2443	2736
Total		607	5089	5354	5856



Name of Distribution Business/Licensee : Electronics Technology Parks - Kerala (Technopark)
Licensed Area of Supply : Technopark Campus

Year 2014-15

(Rs in Lakhs)

												Year 2014	<b>l-1</b> 5															
S.No.	Particulars	Number of consumers	Number of consumers billed	Connected Load of consumers Billing Demand		old (Lakhs	,	% of total Unit sold	Demand/ fixed charges@ Rs/kVA	Demand /Fixed charges Rs in Lakhs	Energy Charges Rs/kWh	Energy Charges Rs in Lakhs	Fuel Adjustme nt charges@		Average rate/kwh	excess	Adjust ment of past billing	tactor	oltage ebate	Power factor Penalty	Other charges if any@		Sub-total		s@		Avg. realisation per KWh (Excluding ED Govt.levies@	
4				KW	Zone 1	Zone 2	Zone 3			0		0	10	8+9+10	paisa/kwh	1 12	44	45	16	45	40		(13) to (19)			)+(20)+(21)+		25
1	Revenue from sale of Electricit	3	4	5	annula of E		6	7		8		9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
A)	LT Categories	y to consume	is ( categories	as per tariii oi	supply of E		1																					
1	LT IVA (Industrial	8	8	908.00	1.08				100.00	0.49	5.20	5.08	0.00	5.57	5.16	0	0	0	0	0	0	0	0	0	0	5.57	5.16	
2	LT IVA 10kW <cl<20kw (Industrial - Non TOD</cl<20kw 	1	1	85.60	0.09				60.00	0.05	5.20	4.47	,	4.52	52.56	0	0	0	0	0	0	0	0	0	0	4.52	52.56	5
3	LT IVA (Industrial) CL> 20 kW	3	3	1233.50	1.82				125.00	1.45	5.20	9.50		10.95	6.01	. 0	0	0	0	0	0	0	0	0	0	10.95	6.01	
	LT IVB IT & ITES upto 16/8/2015	275	275	79648.08	149.11				100.00	50.62	5.80	760.49	0.00	811.11	5.44	. 0	0	0	0	0	0	0	0	0	0	811.11	5.44	Ŀ
5	LT IVB IT & ITES < 10 kW	52	52	2341.47	1.47				100.00	0.31	5.80	8.51		8.82	6.01	. 0	0	0	0	0	0	0	0	0	0	8.82	6.01	L
6	LT IV B IT & ITES 10kW <cl<20kw< td=""><td>55</td><td>55</td><td>6570.31</td><td>7.79</td><td></td><td></td><td></td><td>60.00</td><td>3.84</td><td>5.80</td><td>45.17</td><td>,</td><td>49.00</td><td>6.29</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>49.00</td><td>6.29</td><td></td></cl<20kw<>	55	55	6570.31	7.79				60.00	3.84	5.80	45.17	,	49.00	6.29	0	0	0	0	0	0	0	0	0	0	49.00	6.29	
	LT IV B IT & ITES > 20 kW LT VI A Non Domestic	210	210	112370.34	143.05	38.20	49.96		125.00	283.80	5.80	1365.20		1648.99	11.53	4.45	0	-10.20	0	31.70	0	0	0	0	0	1674.94	11.71	
8	upto 16/8/2014 LT VI A General	1	1	102.90 164.64	0.02				50.00 50.00	0.05		0.12		0.17 0.48	7.89 7.45		0	0	0	0	0	0	0	0	0	0.17		
10	LT VI B General	8	8	696.24	0.06				70.00	0.08		6.65		0.48	7.45	0	0	0	0	0	0	0	0	0	0	0.48	7.45	,
11	LT VI B upto 16/8/2014 (Non-Domestic 1ph & 3 ph)	4	4	156.00	0.45				70.00	0.10	6.30	3.10	0.00	3.20	7.16	0	0	0	0	0	0	0	0	0	0	3.20	7.16	5
	LT VI C upto 16/8/2014 (Non-Domestic 1ph & 3 ph)	30	30	831.72	0.85				180.00	1.35	7.00	7.05	0.00	8.40	9.84	. 0	0	0	0	0	0	0	0	0	0	8.40	9.84	L.
13	LT VI C General (1 Phase or 3 Phase)	32	32	1472.64	1.41				180.00	2.47	8.50	11.55		14.02	9.96	0	0	0	0	0	0	0	0	0	0	14.02	9.96	5
	LT VI F General (1 Phase) LT VI F General (3 Phase)	30 26	30 26	346.14 3585.68	0.21 5.62	-			60.00 120.00	0.20 4.04		1.52 50.44		1.72 54.48	8.31 9.69		0	0	0	0	0	0	0	0	0	1.72 54.48		
	, ,																0	0	-	0	0		-	0	0			
	LT VII A Commercial (1 ph)	41	41	1364.11	0.98				60.00	0.76	6.35	7.69		8.44 127.12	8.63		0	0	0	0	0	0	0	0	0	8.44	8.63	
	LT VII A Commercial (3 ph) LT VII B Commercial		61 14	11398.49 184.20	12.62 0.17				120.00 40.00	12.53 0.07	7.40 5.57	114.59 0.94		1.00	10.07 6.00		0	0	0	0	0	0	0	0	0	127.12 1.00		
19	LT VIII General upto 16/8/2014	3	3	89.40	0.05				30.00	0.10	3.60	0.29	0.00	0.39	8.55	0	0	0	0	0	0	0	0	0	0	0.39	8.55	5
	Self Consumption	3	3	2952.65	3.06				100.00	2.80	4.25	10.26		13.06	4.26	0	0	0	0	0	0	0	0	0	0	13.06	4.26	5
21	Street Lighting	14	14	0.00	2.49					0.05	2.75	8.32		8.38	3.36	0	0	0	0	0	0	0	0	0	0	8.38	3.36	5
	Sub Total		553	226502.103	333.35	38.20	49.96			365.59	116.47	2421.35	0.00	2779.84	8.34	. 0	0	0	0	0	0	0	0	0	0	2779.84	8.34	Į.
	Total units sold in the financia	ıl year (LT)						421.51																		0.00		
	HT Categories	T	T	T																					_	0.00		-
	HT -I Industrial	17	17	92457.63	168.46		47.90		300.00			1403.34		1730.70	10.27		6.34		0.00	5.31				0	0	1721.22		
	HT -II Non Industrial HT- IV Commercial	1	1	1238.89 1998.98	2.11 3.47	0.49 1.35	0.88 2.68		400.00	4.00		16.98		20.99	9.95		0.09		0.00	0.12				0	0	20.98 60.75	9.94	
	Sub Total	19	19	95695.51	174.04		51.46		400.00	7.56 338.92		54.15 1474.48		61.72 1813.40	17.80 10.42		0.19 6.61		0.00	5.43			-0.97	0.00	0.00	1802.94	17.52 10.36	
	Extra High Tension (EHT)	Nil										2.20		. ,						,,		-		- / - / -				
	Total units sold in the financia		1	1			264.52																					
	•	Nil						686.03						.=												.=		
	Total  Total units sold in the financia		572.00	322197.61	507.39	77.22 686.03	101.42	0.00	0.00	704.51	116.47	3895.83	0.00	4593.23	9.05	0.90	6.61	-23.40	0.00	5.43	0.00	0.00	-10.46	0.00	0.00	4582.78	9.03	3
	Sale through power exchange	ıı yeai				000.03							<del>                                     </del>			+ +												
	Sale to other States																											
	Sale through Traders																											
	Total of items not shown categ	orywise	<u> </u>	<u> </u>		1																	-					
	Reactive Energy Charges Electricity Duty Recovery					1							<del>                                     </del>			+ +										271.70		
	Other state Levies Recovery					1																				2/1./0		
	Total Duty & Levies																											
	Wheeling charges Recoveries	-	-	-											<del></del>							·						
	Miscellaneous Charges from con					1																	-					1
	Gross Revenue From Sale of Po		atura)			+																				4854.48 271.70		+
30	Less: i) Electricity Duty Payable ii)Other State Levies Paya		/			+							<del>                                     </del>													2/1.70		+
	Net Revenue from Sale of Pow	\	.omin)			1																				4582.78		1
	311 311 311 311 311 311	, == ====)			1	1																					·	1

## Form D 2.1

### Revenue from Sale of Power

Name of Distribution Business/Licensee : Electronics Technology Parks - Kerala (Technopark) Licensed Area of Supply : Technopark Campus

## Year 2015-16

								Tear	2015-1											
S.No.	Particulars	Number of consumers	Number of consumers billed		Unit	s Sold (Lakhs U	Jnits)	Demand/ fixed charges@ Rs/kVA	Demand /Fixed charges Rs in Lakhs	Energy Charges Rs/kWh	Energy Charges Rs in Lakhs	Fuel Adjustm ent charges @	Total	Average rate/kwh	Excess Load/ excess demand charges@	Power factor incentive	Power factor penalty	Sub-total	Sub-total	Avg. realisation per KWh (Excluding ED & Govt.levies @)
				KW	Zone 1	Zone 2	Zone 3						8+9+10	paisa/kwh				(13) to (19)	+(20)+(21)-	+(22)
1	2	3	4	5			6		8		9	10	11	12	13	15	17	20	23	24
A)	Revenue from sale of Electric	ity to consum	ers (Categori	ies as per tariff of	supply of Elec	tricity)														
	LT Categories	<u>.,</u>	(			1														
	LT IV A (Industrial)	8	8	1089.60	1.14	0.00	0.00	100.00	0.10	5.20	5.95	0.00	6.05	5.28	0	0	0	0	6.05	5.28
	LT IVA (Industrial)																-	-		
	10kW <cl<20kw< td=""><td>1</td><td>1</td><td>102.72</td><td>0.09</td><td>0.00</td><td>0.00</td><td>60.00</td><td>0.06</td><td>5.20</td><td>0.47</td><td>,</td><td>0.54</td><td>5.88</td><td></td><td></td><td></td><td></td><td>0.54</td><td>5.88</td></cl<20kw<>	1	1	102.72	0.09	0.00	0.00	60.00	0.06	5.20	0.47	,	0.54	5.88					0.54	5.88
	LT IV A CL> 20 kW																			
3	(Industrial)	3	3	1480.20	1.93	0.00	0.00	125.00	1.85	5.20	10.04	:	11.89	6.16					11.89	6.16
4	LT IV B IT/ITES CL< 10kW	52	52	4495.62	2.49	0.00	0.00	60.00	2.70	5.80	14.44		17.14	6.88					17.14	6.88
	LT IVB IT/ITES	1					1													
	10kW <cl<20kw< td=""><td>55</td><td>55</td><td>7884.37</td><td>13.21</td><td>0.00</td><td>0.00</td><td>60.00</td><td>4.73</td><td>5.80</td><td>76.60</td><td></td><td>81.33</td><td>6.16</td><td></td><td></td><td></td><td></td><td>81.33</td><td>6.16</td></cl<20kw<>	55	55	7884.37	13.21	0.00	0.00	60.00	4.73	5.80	76.60		81.33	6.16					81.33	6.16
	LT IV B IT/ITES CL > 20 kW																			
	IT & ITES	210	210	215751.05	263.21	70.29	91.93	125.00	269.69	5.80	2538.02		2807.70	10.67	8.00	-19	58.32	2	2855.27	10.85
7	LT VI A General	1	1	197.57	0.07	0.00	0.00	50.00	0.10		0.43		0.53	7.75					0.53	
8	LT VI B General	8	8	1336.78	1.62	0.00	0.00	70.00	0.94	7.00	11.34								0.00	)
	LT VI C General																			
9	1 Phase or 3 Phase	32	32	2827.47	2.39	0.00	0.00	180.00	5.09	8.50	20.29		25.37	10.63					25.37	10.63
	LT VI F General									ĺ										
	1 Phase	30	30	415.37	1.40	0.00	0.00	60.00	0.25	6.15	8.59	0.00	8.84	6.33	0	0	0	0	8.84	6.33
	LT VI F General									ĺ										
11	3 Phase	26	26	4302.82	8.32	0.00	0.00	120.00	5.16	8.00	66.52		71.69	8.62					71.69	8.62
	LT VII A Commercial									ĺ										
12	(1 ph)	41	41	1636.93	1.04	0.00	0.00	60.00	0.98	6.35	6.59	0.00	7.57	7.30	0	0	0	0	7.57	7.30
	LT VII A Commercial																			
	(3 ph)	61	61	13678.18	13.38	0.00	0.00	120.00	16.41		89.63			7.93		0		0	106.04	
	LT VII B Commercial	14	14	221.04	0.18	0.00	0.00	40.00	0.09							0	0	0	1.08	
	Self Consumption	3	3	3543.18	3.25	0.00	0.00	100.00	3.54				20.43	6.29				0	20.43	
	Street Lighting Sub Total	14 559	14 559	0.00 258962.90	2.64 316.34	0.00 70.29	0.00 91.93		0.06 311.74		8.84 2875.63		8.90 3175.10	3.37 10.04				0	8.90 3175.10	
	Total Units Sold (LT)	559	559	238962.90	478.56	70.29	91.93		311.74	<del></del>	28/5.63	0.00	31/5.10	10.04				0	0.00	
	` '				4/8.30		1	1	$\vdash$											
	HT Categories HT -I Industrial	17	17	103552.55	176.88	39.04	50.29	350.00	362.43	4.50	1268.26		1630.70	9.22	1.0	27.42	0.77	· -26.02	0.00	
	HT -II Non Industrial	1/	1/	1362.78	2.13	0.50	0.89	400.00	5.45				21.89							
	HT- IV Commercial	1	1	2238.86	3.54	1.37	2.74	400.00					58.53	16.55						
	Sub Total	19	19	107154.19	182.55	40.91	53.92	400.00	376.84		1334.27		1711.11	9.37						
	Extra High Tension (EHT)	Nil	19	107134.19	162.33	40.91	33.92		3/0.04		1334.27		1/11.11	9.37	1.03	-39.76	10.00	-20.13	1002.90	9.22
	Total Units Sold (HT)	INII		+	277.38				$\vdash$											
	Bulk Consumers/ Licensees	Nil		+	277.30				$\vdash$											
	Bulk Consumers/ Licensees	INII								ĺ										
	Total	578.00	578.00	366117.09	755.94	111.20	145.84	0.00	688.58	0.00	4209.90	0.00	4886.21	6.16	1.65	-39.78	10.00	-28.13	4858.08	6.43
	Revenue from s				755.94	111.20	145.64	0.00	000.50	0.00	4209.90	0.00	4000.21	0.40	1.05	-39.70	10.00	-20.13	4030.00	0.43
	Sale through power exchange	-	outside the 3	nate																
	Sale to other States								$\vdash$	<del></del>										
	Sale through Traders																			
	Total of items not shown cate	gorvwise					1													
	Reactive Energy Charges	901, 11100			<del> </del>	+	+	+	$\vdash$											+
	Electricity Duty Recovery						1												326.04	
	Other state Levies Recovery						1	1											220.01	
	Total Duty & Levies						1	1												
	Wheeling charges Recoveries					1	1													
e)	Miscellaneous Charges from co	onsumers			1		1								1	1				
	Gross Revenue From Sale of 1				1		1								1	1			5184.12	!
	Less: i) Electricity Duty Payabl		ontra)		1		1	1											326.04	
	ii)Other State Levies Pay																			
	Net Revenue from Sale of Po																		4858.08	

Name of Distribution Business/Licensee: Electronics Technology Parks - Kerala (Technopark)

Licensed Area of Supply: Technopark Campus

Year 2016-17 Excess Demand/ Demand Power Number of Connected Load Energy Load/ **Power** Energy Avg. Number of % of total fixed /Fixed Average factor Charges **Units Sold (Lakhs Units)** realisation Remarks S.No. **Particulars** consumers of consumers Charges Total factor Sub-total excess Unit sold charges@ charges rate/kwh penalty consumers incentive per KWh billed Billing Demand Rs/kWh Rs in Lakhs demand Rs in Lakhs Rs/kVA charges@ Zone 1 Zone 2 Zone 3 8+9+10 paisa/kwh (11)+(20)+(21)+(22) 11 12 13 15 17 23 24 25 8 9 A) Revenue from sale of Electricity to consumers (categories as per tariff of supply of Electricity) LT Categories 1 LT IV A (Industrial) 1263.94 0.00 0.00 0.00 100.00 0.10 5.20 6.31 6.40 5.28 6.40 5.28 LT IVA (Industrial) 2 10kW<CL<20kW 119.16 0.10 0.00 0.00 0.00 60.00 0.07 0.50 0.57 5.94 0.57 5.94 5.20 LT IV A CL> 20 kW 1717.03 2.05 0.00 0.00 125.00 12.79 (Industrial) 0.00 2.15 5.20 10.64 12.79 6.25 6.25 4 LT IV B IT/ITES CL< 10kW 5214.92 2.64 0.00 0.00 0.00 60.00 3.13 5.80 15.31 18.43 6.99 18.43 6.99 LT IVB IT/ITES 5 10kW<CL<20kW 9145.87 14.00 0.00 0.00 125.00 5.80 92.63 6.62 92.63 6.62 0.00 11.43 81.20 LT IVB IT/ITES CL > 20 kW IT & 6 ITES 279.00 60.00 2690.30 2890.88 10.36 210 210 250271.22 74.51 97.44 0.00 150.16 5.80 2840.46 10.18 8.48 -19.89 61.82 7 LT VI A General 229.18 0.07 0.00 0.00 0.00 50.00 0.11 6.30 0.46 7.88 0.57 7.88 0.57 8 LT VI B General 1550.67 1.72 0.00 0.00 0.00 70.00 1.09 7.00 12.02 LT VI C General 32 3279.86 2.53 0.00 0.00 180.00 5.90 8.50 21.50 10.83 9 1 Phase or 3 Phase 0.00 27.41 10.83 27.41 LT VI F General 10 1 Phase 30 481.83 1.48 0.00 0.00 0.00 60.00 0.29 6.15 9.11 9.40 6.35 9.40 6.35 LT VI F General 8.81 0.00 5.99 8.00 76.50 8.68 11 3 Phase 4991.27 0.00 0.00 120.00 70.51 76.50 8.68 LT VII A Commercial 0.00 0.00 12 (1 ph) 41 41 1898.84 1.10 0.00 60.00 1.14 6.35 6.98 8.12 7.39 8.12 7.39 LT VII A Commercial 13 (3 ph) 15866.69 14.18 0.00 0.00 0.00 120.00 19.04 7.50 106.35 125.39 8.84 125.39 8.84 14 LT VII B Commercial 14 14 256.41 0.19 0.00 0.00 0.00 40.00 0.10 5.57 1.05 1.15 6.11 1.15 6.11 17.90 3.44 0.00 100.00 5.20 22.01 22.01 15 Self Consumption 4110.09 0.00 0.00 4.11 6.39 6.39 16 Street Lighting 2.80 0.00 0.00 3.35 9.37 9.43 3.37 9.43 3.37 0.00 0.06 14 14 0.00 Sub Total 300396.97 335.32 74.51 97.44 204.87 3059.51 3251.27 3251.27 9.70 559 559 Total Units Sold (LT) 507.27 0.00 0.00 HT Categories 0.00 l HT -I Industrial 20 115978.85 198.11 43.72 56.33 350.00 405.93 4.50 1420.46 1826.38 9.22 -43.03 11.24 1805.75 9.11 1.95 2 HT -II Non Industrial 1526.31 2.39 0.56 1.00 400.00 6.11 4.50 18.41 24.52 10.27 0.03 -0.46 0.26 34.63 14.51 3 HT- IV Commercial 2507.53 3.96 1.54 400.00 10.03 6.30 55.52 -2.26 0.00 79.84 20.16 3.07 65.55 16.55 0.00 1494.39 25 25 120012.69 45.82 60.39 422.06 9.37 1.98 -45.75 11.50 1893.55 9.26 Sub Total 204.46 1916.45 Total Units Sold (HT) 310.66 Extra High Tension (EHT) Nil Bulk Consumers/ Licensees Nil 584.00 584.00 420409.66 817.93 120.32 157.83 0.00 626.93 4553.89 5167.72 6.32 1.98 -45.75 11.50 5135.45 6.28 0.00 0.00 Total Revenue from sale of power outside the State Sale through power exchange Sale to other States Sale through Traders Total of items not shown categorywise a) Reactive Energy Charges b) Electricity Duty Recovery 391.25 c) Other state Levies Recovery **Total Duty & Levies** d) Wheeling charges Recoveries e) Miscellaneous Charges from consumers **Gross Revenue From Sale of Power** 5526.70 30 Less: i) Electricity Duty Payable to Govt. (Contra) 391.25 ii)Other State Levies Payable to Govt. (Contra) Net Revenue from Sale of Power (A29-A30) 5135.45

(Rsin Lakhs)

#### Form D 2.1 Revenue from Sale of Power

Name of Distribution Business/Licensee : Electronics Technology Parks - Kerala (Technopark)

Licensed Area of Supply: Technopark Campus

Year 2017-18 (Rs in Lakhs)

								Yea	ar 2017-1	8										·
S.No.	Particulars	Number of consumers	Number of consumers billed	Connected Load of consumers Billing Demand	Units	Sold (Lakhs	Units)	Demand/ fixed charges@ Rs/kVA	Demand /Fixed charges Rs in Lakhs	Energy Charges Rs/kWh		Total	Average rate/kwh	Excess Load/ excess demand charges@	Adjust ment of past billing	Power factor incentive	Power factor penalty	Sub-total	Avg. realisation per KWh (Excluding ED & Govt.levies @)	
				KW	Zone 1	Zone 2	Zone 3					8+9+10	paisa/kwh				(11	1)+(20)+(21)+(21)+(21)+(21)+(21)+(21)+(21)+(21	22)	
1	_	3	4	5			6		8		9	11	12	13	14	15	17	23	24	25
	Revenue from sale of Electric	ity to consum	ers ( categorie	s as per tariff of	supply of Elec	tricity )														
	LT Categories	1																		
	LT IV A (Industrial)	8	8	1339.77	1.29	0.00	0.00	100.00	0.10	5.20	6.69	6.78	5.27	0	0	0	0	6.78	5.27	
	LT IVA (Industrial)																			.
	10kW <cl<20kw< td=""><td>1</td><td>1</td><td>126.30</td><td>0.10</td><td>0.00</td><td>0.00</td><td>60.00</td><td>0.08</td><td>5.20</td><td>0.53</td><td>0.61</td><td>5.94</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0.61</td><td>5.94</td><td>:</td></cl<20kw<>	1	1	126.30	0.10	0.00	0.00	60.00	0.08	5.20	0.53	0.61	5.94	0	0	0	0	0.61	5.94	:
	LT IV A CL> 20 kW		2	1000 05	0.17	0.00	0.00	125.00	2.20	F 20	11.00	10.55						10.55	( 25	
	(Industrial)	3	3	1820.05	2.17	0.00	0.00	125.00	1	5.20					0	0	0	13.55	6.25	1
	LT IV B IT/ITES CL< 10kW	52	52	5527.82	2.80	0.00	0.00	60.00	3.32	5.80	16.22	19.54	6.99	0	0	0	0	19.54	6.99	-
	LT IVB IT/ITES 10kW <cl<20kw< td=""><td>55</td><td>55</td><td>9694.62</td><td>14.84</td><td>0.00</td><td>0.00</td><td>125.00</td><td>12.12</td><td>5.80</td><td>86.07</td><td>98.19</td><td>6.62</td><td>_</td><td>_</td><td>_</td><td>0</td><td>98.19</td><td>6.62</td><td>,           </td></cl<20kw<>	55	55	9694.62	14.84	0.00	0.00	125.00	12.12	5.80	86.07	98.19	6.62	_	_	_	0	98.19	6.62	,
	LT IVB IT/ITES CL > 20 kW	55	55	9694.62	14.84	0.00	0.00	125.00	12.12	5.80	86.07	98.19	6.62	0	0	0	0	98.19	6.62	+
	IT & ITES	210	210	265287.49	295.75	78.98	103.29	60.00	159.17	5.80	2851.71	3010.89	10.18	8.99		-21	65.53	3064.33	10.36	
	LT VI A General	1		242.93	0.08	0.00	0.00	50.00							0	0	05.55	0.60	7.88	
	LT VI B General	8		1643.71	1.82	0.00	0.00	70.00					7.00	0	0	0	0	0.00	7.00	+ 1
	LT VI C General																			+
	1 Phase or 3 Phase	32	32	3476.66	2.68	0.00	0.00	180.00	6.26	8.50	22.79	29.05	10.83	0	0	0	0	29.05	10.83	,
	LT VI F General (1 Phase)	30		510.74	1.57	0.00	0.00	60.00						0	0	0	0	9.96		
	LT VI F General (3 Phase)	26	26	5290.74	9.34	0.00	0.00	120.00			74.74	81.09	8.68					81.09	8.68	,
12	LT VII A Commercial (1ph)	41	41	2012.77	1.17	0.00	0.00	60.00	1.21	6.35	7.40	8.61	7.39	0	0	0	0	8.61	7.39	,
	LT VII A Commercial (3 ph)			16818.69	15.03	0.00	0.00	120.00		7.50			1		0	0	0	132.91	8.84	
	LT VII B Commercial	61 14		271.79	0.20	0.00	0.00	40.00		5.57		1.22			0	0	0	1.22		
	Self Consumption	3		4356.69	3.65	0.00	0.00	100.00							0	0	U	23.33		
	Street Lighting	14		0.00		0.00	0.00	100.00	0.06						0	0	0	9.43	3.37	
	Sub Total	559		318420.78	355.27	78.98	103.29			96.92	3242.52	3445.78	9.70		0	0	0	3445.78	9.70	
	Total Units Sold (LT)	337	337	310420.70	537.54	70.50	103.27	+	217.15	70.72	3242.32	3443.70	7.70	0		0		3413.70	7.70	+
					007.01															+
	HT Categories																	0.00		+ -
	HT -I Industrial	20	20	129896.32	221.88	48.97	63.09	350.00	454.64	4.50	1590.91	2045.55	9.22	2.18	0.00	-48.20	12.58	2021.34	9.11	1
	HT -II Non Industrial	2		1709.47	2.67	0.62	1.11	400.00		4.50								37.55		
	HT- IV Commercial	3		2808.43	4.44	1.72	3.44	400.00		6.30								87.43		
	Sub Total	25		134414.21		51.32	67.64		472.71		1673.71	2146.42	9.37		0.00	-51.24		2119.65	9.26	
	Total Units Sold (HT)				347.94															
																				1
	Extra High Tension (EHT)	Nil																		
	Bulk Consumers/ Licensees	Nil																		
	Total	584.00	584.00	452835.00	885.48	130.29	170.92	0.00	689.86	96.92	4916.23	5592.20	6.32	2.22	0.00	-51.24	12.88	5556.05	6.27	,
	Revenue from s	ale of power o	outside the St	ate																
	Sale through power exchange	-																		
	Sale to other States																			
	Sale through Traders							<u> </u>												
	Total of items not shown cate	gorywise																		
	Reactive Energy Charges																			
	Electricity Duty Recovery																	469.50		
	Other state Levies Recovery																			
	Total Duty & Levies																			
	Wheeling charges Recoveries																			
	Miscellaneous Charges from c																			
	Gross Revenue From Sale of				<u> </u>	<b></b>		1			<u> </u>				-		<u> </u>	6025.55		
30	Less: i) Electricity Duty Payab				-													469.50		$\downarrow \longrightarrow \downarrow$
	ii)Other State Levies Pay					-		-			-		-					FFE ( 0 =		
1	Net Revenue from Sale of Po	wer (A29-A30)	)					]										5556.05		

#### **Form D 2.2**

### **Income from Wheeling Charges**

Name of Distribution Business/Licensee: TECHNOPARK

Licensed Area of Supply: Technopark Premises at TVM & Kollam

Year 2013-14

S.No	Open Access Consumer	Open Access Contracted Capacity (kW)	Fixed Charge (Rs/kW/ month)	Energy Wheeled	Energy Charge (Rs/kW h)	Any Other Charge as approve d by Commis sion (Please specify)	Revenue from Fixed Charge
	<u>1</u>	2	3	4	5	6	7
			NIL				
	Total						

<sup>\*</sup> Note: 1. To be furnished separately for each year commencing from (n-1)th year to (1) Note: nth year = FY 2014-15, n+1th year = FY 2015-16, and so on, for the first filing uncommence 2. In case of Income from Wheeling Charge for (n+1)th to (n+3)th year, it is

### Year (n) 2014-15

S.No	Open Access Consumer	Open Access Contracted Capacity (kW)	Fixed Charge (Rs/kW/ month)	Energy Wheeled	Energy Charge (Rs/kW h)	Any Other Charge as approve d by Commis sion (Please specify)	Revenue from Fixed Charge
	<u>1</u>	2	3	4	5	6	7
1							
2						·	

Total			

## Year (n+1)\* 2015-16

S.No	Open Access Consumer	Open Access Contracted Capacity (kW)	Fixed Charge (Rs/kW/ month)	Energy Wheeled	Energy Charge (Rs/kW h)	Any Other Charge as approve d by Commis sion (Please specify)	Revenue from Fixed Charge
	<u>1</u>	2	3	4	5	6	7
1							
2							
			NIL				
					_		
	Total						-

## Year (n+2)\* 2016-17

S.No	Open Access Consumer	Open Access Contracted Capacity (kW)	Fixed Charge (Rs/kW/ month)	Energy Wheeled	Energy Charge (Rs/kW h)	Any Other Charge as approve d by Commis sion (Please specify)	Revenue from Fixed Charge
	<u>1</u>	2	3	4	5	6	7
1							
2							
	Total						

S.No	Open Access Consumer	Open Access Contracted Capacity (kW)	Fixed Charge (Rs/kW/ month)	Energy Wheeled	Energy Charge (Rs/kW h)	Any Other Charge as approve d by Commis sion (Please specify)	Revenue from Fixed Charge
	<u>1</u>	2	3	4	5	6	7
1							
2		NIL					
	Total						

(Rs Cr)

Revenue from Energy Charge	Revenue from Other Charge	Total Revenue
8	9	10=7+8+9
		0

n+3)th year.

ler the KSERC (Terms and Conditions for Determination of Tariff) Regulations, 2014 mandatory for Distribution business/licensee to indicate the 'Total Revenue' (10), whereas

(Rs Cr)

Revenue from Energy Charge	Revenue from Other Charge	Total Revenue
8	9	10=7+8+9

	0

(Rs Cr)

Revenue from Energy Charge	Revenue from Other Charge	Total Revenue
8	9	10=7+8+9
		0

(Rs Cr)

Revenue from Energy Charge	Revenue from Other Charge	Total Revenue
8	9	10=7+8+9
		0

(Rs in Lakhs)

Revenue from Energy Charge	Revenue from Other Charge	Total Revenue
8	9	10=7+8+9
		0



Name of Distribution Business/Licensee   Licensed Area of Supply	Form D 2.3								
Name of Distribution Business/Licensee   Licensed Area of Supply		Torin D 2.3							
Name of buyer   Name of buye		Income from sale of surplus power							
Name of buyer   Transact buyer   Transact on			Name of	Distribution E	Business/1	Licensee			
Name of buyer   Name of buyer   Nature of transaction-ion No.   Name of buyer   No.   Nature of transaction-Bilateral /Exchange   Nu   Contract ed MW   No.   No			I	Licensed Area	of Supply	•			
Name of buyer   Name of buyer   Nature of transaction-ion No.   Name of buyer   No.   Nature of transaction-Bilateral /Exchange   Nu   Contract ed MW   No.   No	Year 20	Year 2013-14 (Rs Cr)							
Month buyer         Name of buyer         Transact ion No.         transaction-Bilateral /Exchange         Volume of trading in         Sale Price         Income           1         2         3         4         5         6         7         8           April         —         —         —         —         —         —         —           May         —         —         —         —         —         —         —         —           June         —	Teal 20	(10 (1)							
1   2   3   4   5   6   7   8	Month			transaction- Bilateral				Income	
April  May  June  July  NIL  August  Septembe  October  Novembe  Decembe  January  February					MU		Rs/Unit		
May  June  July  NIL  Septembe  October  Novembe  Decembe  January  February  May  May  May  May  May  May  May	1	2	3	4	5	6	7	8	
June  July  NIL  August  Septembe  October  Novembe  January  February  February	April								
July NIL  August Septembe October Novembe Decembe January February	May								
August Septembe October Novembe Decembe January February	June								
Septembe October Decembe January February February	July			NIL					
October  Novembe  Decembe  January  February	August								
Novembe  Decembe  January  February	Septembe								
Decembe  January  February	October								
January February	Novembe								
February	Decembe								
	January								
March	February								
	March								

<sup>\*</sup> Note: To be furnished separately for each year commencing from (n-1)th year to (n+3)th

## Note: nth year = FY 2014-15, n+1th year = FY 2015-16, and so on, for the first

- 2. In case of Income from Trading for (n+1)th, (n+2)th and (n+3)th year, it is
- 3. In case of bilateral transaction, sale contract copy should be submitted

# Form D 2.3 Income from sale of surplus power Name of Distribution Business/Licensee Licensed Area of Supply Year 2014-15 (Rs Cr)

Month	Name of buyer	Transact ion No.	Nature of transaction- Bilateral /Exchange		Volume of trading in		Income
				MU	Contract ed MW	Rs/Unit	
1	2	3	4	5	6	7	8
April							
May							
June							
July				NIL			
August							
Septembe							
October							
Novembe							
Decembe							
January							
February							
March							
_,							

			Form D 2	.3			
		Income	from sale of s	urplus po	wer		
			Distribution Bu				
			censed Area of				
Year	2015-16						(Rs Cr)
Month	Name of buyer	Transact ion No.	Nature of transaction- Bilateral /Exchange		Volume of Sa trading in Pr		Income
				MU	Contract ed MW	Rs/Unit	
1	2	3	4	5	6	7	8
April							
May							
June							
July				NIL			
August							
C 1 1							
Septembe							

Novembe

Decembe

January

February

March

ower
censee
(Rs Cr)

Month	Name of buyer	Transact ion No.	Nature of transaction- Bilateral /Exchange	Volume of trading in		Sale Price	Income
				MU	Contract ed MW	Rs/Unit	
1	2	3	4	5	6	7	8
April							
May							
June							
July				NIL			
August							
Septembe							
October							
Novembe							
Decembe							
January							
February							
March							
iviarch							

## Form D 2.3 Income from sale of surplus power Name of Distribution Business/Licensee Licensed Area of Supply Year (n+3) 2017-18 (Rs Cr)

Month	Name of buyer	Transact ion No.	Nature of transactio n- Bilateral /Exchang e	Volume of trading in		Sale Price	Income
				MU	Contract ed MW	Rs/Unit	
1	2	3	4	5	6	7	8
April							
May							
June							
July				NIL			
August							
Septembe							
October							
Novembe							
Decembe							
January							
February							
March							

### Form D 2.4 Non-Tariff Income

Name of Distribution Business/Licensee : Electronics Technology Parks - Kerala (Technopark)

Licensed Area of Supply : Technopark Campus Rs. in Lakhs

S. No.	Particulars	Pre	vious Year 2013	3-14	Current Year 2014-15		Ensuing Year 2015-16	Year	Year		
					Apr-March	Estimated for	Approved by the	2015-16	2016-17	2017-18	Remarks
		Approved in Tariff Order	Audited	Truing Up requirement	(Actual)	the year	Commission	(Projected)	(Projected)	(Projected)	
1	2	3	4	5 = 4 - 3	6	7	8	9	10	11	12
1	Interest on staff loans and advances	0		0	0.00	0	0	0	0	0	
2	Income from statutory investments	19.4		7.28	3.25	10.5	10.5	11.55	12.71	13.98	
3	Income from trading	0		0.00	0.00	0	0	0	0	0	
4	Income from rent of land or buildings	0		0.00	0.00	0	0	0	0	0	
5	Income from sale of scrap	0		0.00	0.00	0	0	0	0	0	
6	Income from staff welfare activities	0		0.00	0.00	0	0	0	0	0	
7	Rental from staff quarters	0		0.00	0.00	0	0	0	0	0	
8	Excess found on physical verification	0		0.00	0.00	0	0	0	0	0	
9	Interest on investments, fixed and call deposits and bank balances	0.5		5.33	5.82	32	32	32	32	32	
10	Interest on advances to suppliers/contractors	0		0.00	0.00	0	0	0	0	0	
11	Income from hire charges from contractors and others	0		0.00	0.00	0	0	0	0	0	
12	Income due to right of way granted for laying fibre optic cables/co-axial cables on distribution system	0		0.00	0.00	0	0	0	0	0	
13	Income from advertisements, etc.	0		0.00	0.00	0	0	0	0	0	
14	Miscellaneous receipts	0.5		0.56	1.21	0.5	0.5	0.5	0.5	0.5	
15	Commission for collection of electricity duty	0		0.00	0.00	0	0	0			
16	Interest on delayed or deferred payment of bills	0		0.00	0.00	0	0	0	0	0	
17	Rebate from Central Generating Stations	0		0.00	0.00	0	0	0	0	0	
18	Revenue from late payment surcharge	0		10.62	9.03	0	0	0	0	0	
19	Recovery for theft and pilferage of energy	0		0.00	0.00	0	0	0	0	0	
20	Meter/metering equipment/service line rentals	0		0.00	0.00	0	0	0	0	0	
	Total	20.40		23.80	19.30	43.00	46.97	44.05	45.21	46.48	

Note: nth year = FY 2014-15, n+1th year = FY 2015-16, and so on, for the first filing under the KSERC (Terms and Conditions for Determination of Tariff) Regulations, 2014

	Subsidy provided
Name of Distribution Business/Licensee	TECHNOPARK
Licensed Area of Supply	Thiruvananthar

S.No.	Consumer Category		
		Tariff approved by Commission	
1	2	3	
1	Domestic Category (LT - 1(a))		
	Total		

Note: \*Also furi

# **Form D 2.5**

# l by the State Govt under Section 65 of EA 2003

ouram

	Previous Year (n-1)								
Reference of Government directives	Relaxtion/ Subsidy committed by Government	Subsidy assessed	Reference of finance department order releasing subsidy amount						
4	5	6	7						
NIL									
	. 1								

nish poposals, if any, seperately for (n+1)th and (n+3)th year.

		٦
		_
		٦

		Current Year (n)*						
Subsidy actually received	Tariff as per Commission	Reference of Government directives	Relaxtion/ Subsidy committed by Government	Subsidy assessed				
8	9	10	11	12				

#### (Amount in Lakhs)

(Altioutit iii Lakiis)					
Reference of finance department order releasing subsidy amount	Subsidy actually received				
13	14				

### **Form D 2.6**

# **Revenue Subsidy and Grant**

Name of Distribution Business/Licensee Licensed Area of Supply

(Amount in Rs Lakhs)

		Pres	Previous Year (n-1) Current Year (n)		(n)	Ensuing Year		
Sr. No.	Particulars				Apr-Sep	Estimate	Approv ed by	(n+1)
31. No.	Particulars	Approve d in Tariff Order	Actually received	Balance Receivab le	(Actual)	d for the year	the	Projected
1	2	3	4	5 = 4 - 3	6	7	8	9
A)	Revenue Sub	sidies & G	Frants					
1	Revenue Subsidy from State Government other than S.65 subsidy				NIL			
2	State Govt. Grant							
4	Any Other ite	m						
	Total							

Note: nth year = FY 2014-15, n+1th year = FY 2015-16, and so on, for the first filing under

Year	Year	
(n+2)	(n+3)	Remarks
Projected	Projected	Kemarks
10	11	12

the KSERC (Terms and Conditions for Determination of Tariff) Regulations, 2014

#### Form D 2.7

## Consumer Contribution, Capital Subsidy and

Name of Distribution Business/Licensee : TECHNOPARK Licensed Area of Supply : Technopark premises at TVM & Kollam

		Previ	ous Year 20	013-14	Current Year 2014-15		
S. No.	Particulars				Apr- March	Estimate	Approve
		Approve d in Tariff Order	Actually received	Balance Receivab le	(Actual)	d for the	d by the Commiss ion
1	2	3	4	5 = 4 - 3	6	7	8
	Consumers Contribution for service connection lines and associated works Any other contribution by consumers under any scheme.				NIL NIL		
a)					1 (12		
b)							
c)							
	Sub-Total						
3	Capital Subsidies from appropriate Government towards cost of Capital Assets				NIL		

4	Receipts from appropriate Government under any scheme as Grants			NIL	
5	Any Other ite	m(to be s	pecified)	NIL	
	Total				
	TOTAL				

Note: nth year = FY 2014-15, n+1th year = FY 2015-16, and so on, for the first filir

### Grant

(Rs.in Lakhs)

(Rs.in Lakhs)						
Ensuing Year	Year	Year				
2015-16	2016-17	2017-18	Remarks			
Projected						
9	10	11	12			

1g under the KSERC (Terms and Conditions for Determination of Tariff) Regulations, 20

### **Power Purchase Expenses**

Name of Distribution Business/Licensee : Electronics Technology Parks - Kerala (Technopark)

Licensed Area of Supply: Technopark Campus

#### Year 2013-14

Demand 300 4.85 Installed Energy Variable Cost **Total Cost** Avg cost of Source of Max. Total Capacity Total Annual No. Power Capacity Demand received by Charges per unit Variable of Energy energy (Station in kVA licensee Fixed paid/ including Fuel Charges Received received charges (Rs payable by (Rs Lakhs) (Rs Lakhs wise) Price (Rs/kWh) Lakhs) **Utility (Rs** Adjustment(Rs /kWh) Crore) 2 3 10 11 12 13 14 17 18 1 1 KSEB 5.78 15758 653.29 659.14 4.85 3120.02 3779.16 **Total** 653.29 659.14 0.00 4.85 3120.02 3779.16 5.78

<sup>\*</sup> Note: To be furnished separately for each year commencing from (n-1)th year to (n+3)th year.

# **Power Purchase Expenses**

Name of Distribution Business/Licensee : Electronics Technology Parks - Kerala (Technopark)

Licensed Area of Supply: Technopark Campus

#### Year (n)\* 2014-15

4.85

S. No.		Capacity	Received at		received by	Fixed charges (RsLakhse)	per unit including Fuel	Variable	Received	Avg cost of energy received (Rs/kWh)
1	2	3	8		10	11	13	14	17	18
1	KSEB			18684.83	728.18	672.65	4.85	3531.67	4204.33	5.77
	Total								4204.33	

<sup>\*</sup> Note: To be furnished separately for each year commencing from (n-1)th year to (n+3)th year.

# **Power Purchase Expenses**

Name of Distribution Business/Licensee : Electronics Technology Parks - Kerala (Technopark)

Licensed Area of Supply: Technopark Campus

Year (n)\* 2015-16

S.	Source of Power	Installed	Max.Dema	Energy	<b>Total Annual</b>	Variable Cost	Total	<b>Total Cost of</b>	Avg cost of
No.	(Station wise)	Capacity	nd	received by	Fixed charges	per unit	Variable	Energy	energy
			in kVA	licensee in	(RsLakhse)	including Fuel	Charges	Received	received
				Lakhs Units		Price	(Rs Lakhs)	(RsLakhs)	(Rs/kWh)
						Adjustment(Rs/			
						kWh)			
1	2	3		10	11	13	14	17	18
1	KSEB		20959.83	801.19	754.55	4.85	3885.75	4640.31	5.79
	Total							4640.31	

<sup>\*</sup> Note: To be furnished separately for each year commencing from (n-1)th year to (n+3)th year.

## **Power Purchase Expenses**

Name of Distribution Business/Licensee : Electronics Technology Parks - Kerala (Technopark)

Licensed Area of Supply: Technopark Campus

Year 2016-17

		Installed Capacity		received by	Fixed charges (RsLakhse)	<b> -</b>	Variable	Received	Avg cost of energy received (Rs/kWh)
1	2	3		10	11	13	14	17	18
1	KSEB		23847.33	865.96	858.50	4.85	4199.92	5058.42	5.84
	Total							5058.42	

<sup>\*</sup> Note: To be furnished separately for each year commencing from (n-1)th year to (n+3)th year.

## **Power Purchase Expenses**

Name of Distribution Business/Licensee : Electronics Technology Parks - Kerala (Technopark)

Licensed Area of Supply: Technopark Campus

Year (n)\* 2017-18

S. No.	Source of Power (Station wise)	Installed Capacity		received by	Fixed charges (RsLakhse)	including Fuel	Variable	Received	Avg cost of energy received (Rs/kWh)
1	2	3		10	11	13	14	17	18
1	KSEB		26997.33	937.47	971.90	4.85	4546.72	5518.63	5.89
	Total							5518.63	

<sup>\*</sup> Note: To be furnished separately for each year commencing from (n-1)th year to (n+3)th year.

# Transmission Charges

Name of Distribution Business/Licensee Licensed Area of Supply **Transmission Charges Year(n-1)\*** 

S. No.	Name of Fransmission/Distribution	Contracted Capacity	Transmission Tariff
	Network Provider	(MW)	<units></units>
1	2	3	4

Total

<sup>\*</sup> Note: To be furnished separately for each year commencing from (n-1

Note: nth year = FY 2014-15, n+1th year = FY 2015-16, and so on, for the first Conditions for Determination of Tariff) Regula

#### Year 2013-14

Transmission Charges (Rs. Crore)	Sources of power for which Network is used
5	6

S. No.	Particular
1	2
	NLDC Charges
	RLDC Charges
	<specify region=""></specify>
	SLDC Charges
Total	Total

### Year 2014-15

S. No.	Particular
1	2
	NLDC Charges
	RLDC Charges
	<specify region=""></specify>
	SLDC Charges

### Year 2015-16

S. No.	Particular	
1	2	
	NLDC Charges	
	RLDC Charges	
	<pre><specify region=""></specify></pre>	
	SLDC Charges	

## Year 2016-17

S. No.	Particular	
1	2	
	NLDC Charges	
	RLDC Charges	
	<specify region=""></specify>	
	SLDC Charges	

Year 2017-18

S. No.	Particular
1	2
	NLDC Charges
	RLDC Charges
	<specify region=""></specify>
	SLDC Charges

1)th year to (n+3)th year.

st filing under the KSERC (Terms and tions, 2014

\* Note : To be furnished separately

Note: nth year = FY 2014-15, n+1

# **Load Despatch Charges**

# NLDC/ RLDC/ SLDC Charges

Contracted Capacity	Annual fee	Any other fee	Total
(MW)	(Rs. Crore)	(Rs. Crore)	(Rs. Crore)
3	4	5	6
NIL			

<b>Contracted Capacity</b>	Annual fee	Any other fee	Total
(MW)	(Rs. Crore)	(Rs. Crore)	(Rs. Crore)
3	4	5	6
NIL			
			0

Contracted Capacity	Annual fee	Any other fee	Total
(MW)	(Rs. Crore)	(Rs. Crore)	(Rs. Crore)
3	4	5	6
NIL			
			0

Contracted Capacity	Annual fee	Any other fee	Total
(MW)	(Rs. Crore)	(Rs. Crore)	(Rs. Crore)
3	4	5	6
NIL			
			0

Contracted Capacity	Annual fee	Any other fee	Total
(MW)	(Rs. Crore)	(Rs. Crore)	(Rs. Crore)
3	4	5	6
NIL			
			0

Ith year = FY 2015-16, and so on, for the first filing under the KSERC (Terms and ditions for Determination of Tariff) Regulations, 2014

for each year commencing from (n-1)th year to (n+3)th year.

#### **Operations and Maintenance Expenses**

Name of Distribution Business/Licensee : Electronics Technology Parks - Kerala (Technopark)

Licensed Area of Supply: Technopark Campus

#### 1 Employee Expenses

(Rs. Lakhs)

S. No.	Particulars	Reference A	Prev	ious Year 2013-1	14		Current Year 20	014-15	Ensuing Year 2015-16	Year 2016-17	Year 2017-18	Remarks
3. 110.	1 articulais	Reference	Approved in Tariff Order	Audited	Truing Up requirement	Apr-Sep (Actual)	Estimated for the year	Approved by the Commission	Projected	Projected	Projected	Kemarks
1	2	3	4	5	6 = 5 - 4	7	8	9	10	11	12	13
1	Number of Consumers ('000)		454	454	0	474	474	474				
	Norms (Rs. Lakh/'000 consumer	s)										
2	Distribution Transformers (no.)		65	65			65	65				
	Norms (Rs. Lakh/Distribution Transformer)											
3	HT line (km)											
	Norms (Rs. Lakh/km of HT line)											
4	Sales (kWh)											
	Norms (Rs./unit of sales)											
5	Employee Expense (as per norm	s) in Lakhs							133.38	141.18	149.44	
6	Employee Expense (actuals)	3.4(a)	17.27	_		_	18.99	18.73		_		_

Note: nth year = FY 2014-15, n+1th year = FY 2015-16, and so on, for the first filing under the KSERC (Terms and Conditions for Determination of Tariff) Regulations, 2014

#### 2 Administrative and General Expenses

(Rs. Lakhs)

S. No.	Particulars	Reference	Previ	ious Year 2013-	14		Current Year 20	)14-15	Ensuing Year 2015-16	Year 2016-17	Year 2017-18	Remarks
3. 110.	1 atticulars	Reference	Approved in Tariff Order	Audited/ Normative	Truing Up requirement	Apr-Sep (Actual)	Estimated for the year	Approved by the Commission	Projected	Projected	Projected	Kemarks
1	2	3	4	5	6 = 5 - 4	7	8	9	10	11	12	13
1	Number of Consumers ('000)											
	Norms (Rs. Lakh/'000 consumer	rs)										
2	Distribution Transformers (no.)											
	Norms (Rs. Lakh/Distribution Transformer)											
3	HT line (km)											
	Norms (Rs. Lakh/km of HT line)	)										
4	Sales (kWh)											
	Norms (Rs./unit of sales)											
4	A&G Expense (as per norms)								19.83	20.99	22.21	
5	A&G Expense (actuals)	3.4(b)	58.04				64	63.06				

Note: nth year = FY 2014-15, n+1th year = FY 2015-16, and so on, for the first filing under the KSERC Tariff Regulations, 2014

3 Repair and Maintenance Expense

(Rs. Lakhs)

S. No.	No. Particulars Refere		Previous Year 2013-14				Current Year 20	014-15	Ensuing Year 2015-16	Year 2016-17	Year 2017-18	Remarks
<i>5.</i> No.	1 atticulars	Reference	Approved in Tariff Order	Audited/ Normative	Truing Up requirement	Apr-Sep (Actual)	Estimated for the year	Approved by the Commission	Projected	Projected	Projected	Kemarks
1	2	3	4	5	6 = 5 - 4	7	8	9	10	11	12	13
1	Opening GFA (Rs. Crore)											
	Norms (% of opening GFA)											
2	R&M Expense (as per norms)								156.37	165.52	175.20	
3	R&M Expense (actuals)	3.4(c)	196.7				199.14	196.8				

Note: nth year = FY 2014-15, n+1th year = FY 2015-16, and so on, for the first filing under the KSERC Tariff Regulations, 2014

В	Name of Distribution Business/ (CSEZ, Technopark, KPUPL, RPIL, KDHPCL, CPT, Thrissur Corporation, and Infopark)
	Licensed Area of Supply

# 1 O&M Expenses

(Rs. Lakhs)

S. No.	Particulars	Reference	Prev	14		Current Year 20	014-15	Ensuing Year 2015-16	Year 2016-17	Year 2017-18	Remarks	
3. INO.	Tarticulais	Reference	Approved in Tariff Order	Audited/ Normative	Truing Up requirement	Apr-Sep (Actual)	Estimated for the year	Approved by the Commission	Projected	Projected	Projected	Remarks
1	2	3	4	5	6 = 5 - 4	7	8	9	10	11	12	13
1	Employee Expenses (as per norms)											
2	R&M Expenses (as per norms)											
3	A&G Expenses (as per norms)											
4	O&M Expense (as per norms) (1+2+3)								309.58	327.69	346.85	
2	O&M Expense (actuals)	3.4(a),3.4(b), 3.4(c)	272.01				282.13	278.59				

Note: nth year = FY 2014-15, n+1th year = FY 2015-16, and so on, for the first filing under the KSERC Tariff Regulations, 2014

### Form D 3.4(a)

## **Employee Expenses**

Name of Distribution Business/Licensee : Electronics Technology Parks - Kerala (Technopark)

Licensed Area of Supply: Technopark Campus

Rs. Lakhs

	Election Theu of Supply Treelinopula		Previous Year 2013-14	C	Current Year 2014	-15	Ensuing Year 2015- 16	Year 2016-17	Year 2017-18	
S. No.	Particulars	Reference	Audited	Apr-March (Actual)	Estimated for the year	Approved by the Commission	Projected	Projected	Projected	Remarks
1	2	3	4	5	6	7	8	9	10	11
1	Basic Salary		6.90	8.43	14.00					
2	Dearness Allowance (DA)		13.45	16.44						
3	House Rent Allowance		0.33	0.40						
4	Conveyance Allowance		0.87	1.06						
5	Leave Travel Allowance									
6	Earned Leave Encashment									
7	Other Allowances (CCA)		0.05	0.06						
8	Medical Reimbursement			3,00						
	Overtime Payment									
	Bonus/Ex-Gratia Payments									
	Interim Relief / Wage Revision		1.00	1.22						
	Staff welfare expenses		1.00	1.22	4.99					
	VRS Expenses/Retrenchment				1.77					
13	Compensation									
14	Commission to Directors									
15	Training Expenses									
16	Payment under Workmen's									
10	Compensation Act									
17	Net Employee Costs		22.59	27.61	18.99					
18	Terminal Benefits									
18.1	Provident Fund Contribution		2.17	2.65						
	Provision for PF Fund									
	Pension Payments									
	Gratuity Payment									
	Others									
20	Gross Employee Expenses		24.76	30.26	18.99	18.73				
21	Less: Expenses Capitalised									
22	Net Employee Expenses		24.76	30.26	18.99	18.73	133.38	141.18	149.44	

Note: nth year = FY 2014-15, n+1th year = FY 2015-16, and so on, for the first filing under the KSERC (Terms and Conditions for Determination of Tariff) Regulations, 2014

## Form D 3.4(b)

## Administrative & General Expenses

Name of Distribution Business/Licensee : Electronics Technology Parks - Kerala (Technopark) Licensed Area of Supply : Technopark Campus

Rs.Lakhs

C NI-	Post in Java	D.C	Previous Year 2013-14		Current Year 201	4-15	Ensuing Year 2015-16	Year 2016-17	Year 2017-18	Damada
S. No.	Particulars	Reference	Audited	Apr-March (Actual)	Estimated for the year	Approved by the Commission	Projected	Projected	Projected	Remarks
1	2	3	4	5	6	7	8	9	10	11
1	Rent Rates & Taxes									
2	Insurance									
3	Telephone & Postage, etc.									
4	Legal charges									
5	Audit Fees									
	Consultancy charges									
6										
7	Other Professional charges									
8	Conveyance									
11	Electricity charges									
12	Water charges									
	Entertainment									
14	Fees & subscription									
	Printing & Stationery									
16	Advertisements, exhibition publicity									
17	Contribution/Donations									
23	Freight									
	Purchase Related Advertisement									
24	Expenses									
25	Bank Charges									
	Office Expenses									
27	License Fee and other related fee									
	Cost of services procured									
	Security arrangements									
	Books & periodicals									
	Computer Stationery									
34	Others									
35	Gross A&G Expenses									
	Ele. Duty u/s 3(I), KED Act									
37	Less: Expenses Capitalised									
	Net A&G Expenses		35.42	15.76	64	63.06	19.83	20.99	22.21	
	h year = FY 2014-15, n+1th year = FY 2015	10 1 1							22.21	

Form D 3.4(c)
Repair & Maintenance Expenses

Name of Licensee

Rs. Lakhs

C No	Dantianlana	Deference	Previous Year 2013- 14		Current Year 2014-	15	Ensuing Year 2015- 16	Year 2016-17	Year 2017-18	Domonico
S. No.	Particulars	Reference	Audited	Apr-March (Actual)	Estimated for the year	Approved by the Commission	Projected	Projected	Projected	Remarks
1	2	3	4	5	6	7	8	9	9	10
1	Plant & Machinery									
2	Buildings									
3	Civil Works									
4	Hydraulic Works									
5	Lines & Cable Networks									
6	Vehicles									
7	Furniture & Fixtures									
8	Office Equipment									
9	Gross R&M Expenses									
10	Less: Expenses Capitalised						156.37	165.52	175.2	
11	Net R&M Expenses		128.16	154.28	196.80	196.80				

Note: nth year = FY 2014-15, n+1th year = FY 2015-16, and so on, for the first filing under the KSERC (Terms and Conditions for Determination of Tariff) Regulations, 2014

## Fixed assets & depreciation

Name of Distribution Business/Licensee Licensed Area of Supply TECHNOPARK THIRUVANANTHAPURAM

Year 2013-14

(Figures in Rs Lakhs)

											(Figures in Rs Lakhs)	
				Gross fix	ed assets			Provision fo	r depreciation			
S. No.	Asset Group (as per notification in respect of depreciation)	Rate of depreciation (%)	At the beginning of the year( as per KSERC)	Additions during the year	Adjustment & deducitons	At the end of the year	Cumulative upto the begining of the year	Additions during the year	Adjustment during the year	Cumulative at the end of the year	Net fixed assets at the beginning of the year	Net Fixed Assets at the end of the year
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Land & land rights									0		
2	Other Civil works	3.24	188.95	0	0	188.95	27.21	6.12		33.33	161.74	155.62
3	HV Distribution system	5.28	721.23			721.23	170.20	38.08		208.28	551.03	512.95
a)	Distribution lines	5.28	83.28			83.28	29.98	4.40		34.38	53.30	48.90
b)	Sub-station equipments	5.28	1938.68			1938.68	507.76	102.36		610.12	1430.92	1328.56
i)	Transformers					0		0.00		0.00	0.00	0.00
ii)	Switchgears, Control gear & Protection					0		0.00		0.00	0.00	0.00
iii)	Batteries					0		0.00		0.00	0.00	0.00
iv)	Others					0		0.00		0.00	0.00	0.00
4	LT Distribution system					0		0.00		0.00	0.00	0.00
a)	Distribution lines	5.28	24.41			24.41	10.30	1.29		11.59	14.11	12.82
b)	Sub-station equipments					0		0.00		0.00	0.00	0.00
i)	Transformers					0		0.00		0.00	0.00	0.00
ii)	Switchgears, Control gear & Protection					0		0.00		0.00	0.00	0.00
iii)	Batteries					0		0.00		0.00	0.00	0.00
iv)	Others					0		0.00		0.00	0.00	0.00
5	Communication equipment					0		0.00		0.00	0.00	0.00
6	Meters	6.3	2.53			2.53	0.56	0.16		0.72	1.97	1.81
7	Vehicles					0		0.00		0.00	0.00	0.00
8	Furniture & fixtures					0		0.00		0.00	0.00	0.00
9	Office Equipments					0		0.00		0.00	0.00	0.00
10	Assets of Partnership projects etc.					0		0.00		0.00	0.00	0.00
11	Capital spares of HV & LT transmisison					0		0.00		0.00	0.00	0.00
12	Assets taken over & pending final valuation					0		0.00		0.00	0.00	0.00
13	IT Equipments					0		0.00		0.00	0.00	u7
15	Any other items	5.28	0.91			0.91	0.16	0.05		0.21	0.75	0.70
16	Gross Asset (Total (1) to (15))		2959.99	0	0	2959.99	746.18	152.46	0	898.64	2213.81	2061.35
17	Less: Consumer contribution	5.28	531.45			531.45		28.06			531.45	531.45
18	Less: Government grants											
19	Less: Deposit Works											
20	Less: Capital Subsidies											
21	Net Asset considered for depriciation (16-17-18-19-20)		2428.54	0	0	2428.54	746.18	124.40	0.00	898.64	1682.36	1529.90

## Fixed assets & depreciation

Name of Distribution Business/Licensee Licensed Area of Supply TECHNOPARK THIRUVANANTHAPURAM

Year 2014-15

(Figures in Rs Lakhs)

											(Figures in Rs Lakhs)	
				Gross fix	ed assets			Provision fo	r depreciation			
S. No.	Asset Group (as per notification in respect of depreciation)	Rate of depreciation (%)	At the beginning of the year( as per KSERC)	Additions during the year	Adjustment & deducitons	At the end of the year	Cumulative upto the begining of the year	Additions during the year	Adjustment during the year	Cumulative at the end of the year	Net fixed assets at the beginning of the year	Net Fixed Assets at the end of the year
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Land & land rights									0		
2	Other Civil works	3.24	188.95			188.95	33.33	6.12		39.45	155.62	149.50
3	HV Distribution system	5.28	661.94			661.94	208.28	34.95		243.23	453.66	418.71
a)	Distribution lines	5.28	83.28			83.28	34.38	4.40		38.78	48.90	44.50
b)	Sub-station equipments	5.28	2027.75			2027.75	610.12	107.07		717.19	1417.63	1310.56
i)	Transformers		0.00			0	0.00	0.00		0.00	0.00	0.00
ii)	Switchgears, Control gear & Protection		0.00			0	0.00	0.00		0.00	0.00	0.00
iii)	Batteries		0.00			0	0.00	0.00		0.00	0.00	0.00
iv)	Others		0.00			0	0.00	0.00		0.00	0.00	0.00
4	LT Distribution system		0.00			0	0.00	0.00		0.00	0.00	0.00
a)	Distribution lines	5.28	24.41			24.41	11.59	1.29		12.88	12.82	11.53
b)	Sub-station equipments		0.00			0	0.00	0.00		0.00	0.00	0.00
i)	Transformers		0.00			0	0.00	0.00		0.00	0.00	0.00
ii)	Switchgears, Control gear & Protection		0.00			0	0.00	0.00		0.00	0.00	0.00
iii)	Batteries		0.00			0	0.00	0.00		0.00	0.00	0.00
iv)	Others		0.00			0	0.00	0.00		0.00	0.00	0.00
5	Communication equipment		0.00			0	0.00	0.00		0.00	0.00	0.00
6	Meters	6.3	2.53			2.53	0.72	0.16		0.88	1.81	1.65
7	Vehicles		0.00			0	0.00	0.00		0.00	0.00	0.00
8	Furniture & fixtures		0.00			0	0.00	0.00		0.00	0.00	0.00
9	Office Equipments		0.00			0	0.00	0.00		0.00	0.00	0.00
10	Assets of Partnership projects etc.		0.00			0	0.00	0.00		0.00	0.00	0.00
11	Capital spares of HV & LT transmisison		0.00			0	0.00	0.00		0.00	0.00	0.00
12	Assets taken over & pending final valuation		0.00			0	0.00	0.00		0.00	0.00	0.00
13	IT Equipments		0.00			0	0.00	0.00		0.00	0.00	u7
15	Any other items	5.28	1.70			1.7	0.21	0.09		0.30	1.49	1.40
16	Gross Asset (Total (1) to (15))		2990.56	0	0	2990.56	898.635148	154.07	0	1052.71	2091.92	1937.85
17	Less: Consumer contribution	5.28	531.45			531.45		28.06				
18	Less: Government grants											
19	Less: Deposit Works											
	Less: Capital Subsidies											
21	Net Asset considered for depriciation (16-17-18-19-20)		2459.11	0	0	2459.11	898.64	126.01	0.00	1052.71	2091.92	1937.85

## Fixed assets & depreciation

Name of Distribution Business/Licensee Licensed Area of Supply TECHNOPARK THIRUVANANTHAPURAM

Year 2015-16

(Figures in Rs Lakhs)

			Gross fixed assets					Provision for depreciation				
S. No.	Asset Group (as per notification in respect of depreciation)	Rate of depreciation (%)	At the beginning of the year( as per KSERC)	Additions during the year	Adjustment & deducitons	At the end of the year	Cumulative upto the begining of the year	Additions during the year	Adjustment during the year	Cumulative at the end of the year	Net fixed assets at the beginning of the year	Net Fixed Assets at the end of the year
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Land & land rights									(		
2	Other Civil works	3.34	188.95			188.95	39.45	6.31		45.76	149.50	143.19
3	HV Distribution system	5.28	661.94	359.01		1020.95	243.23	34.95		278.18	418.71	742.77
a)	Distribution lines	5.28	83.28			83.28	38.78	4.40		43.17	44.50	40.11
b)	Sub-station equipments	5.28	2027.75	36.27		2064.02	717.19	107.07		824.26	1310.56	1239.76
i)	Transformers		0.00			0	0.00	0.00		0.00	0.00	0.00
ii)	Switchgears, Control gear & Protection		0.00			0	0.00	0.00		0.00	0.00	0.00
iii)	Batteries		0.00			0	0.00	0.00		0.00	0.00	0.00
iv)	Others		0.00			0	0.00	0.00		0.00	0.00	0.00
4	LT Distribution system		0.00			0	0.00	0.00		0.00	0.00	0.00
a)	Distribution lines	5.28	24.41			24.41	12.88	1.29		14.17	11.53	10.24
b)	Sub-station equipments		0.00			0	0.00	0.00		0.00	0.00	0.00
i)	Transformers		0.00			0	0.00	0.00		0.00	0.00	0.00
ii)	Switchgears, Control gear & Protection		0.00			0	0.00	0.00		0.00	0.00	0.00
iii)	Batteries		0.00			0	0.00	0.00		0.00	0.00	0.00
iv)	Others		0.00			0	0.00	0.00		0.00	0.00	0.00
5	Communication equipment		0.00			0	0.00	0.00		0.00	0.00	0.00
6	Meters	5.28	2.53			2.53	0.88	0.13		1.01	1.65	1.52
7	Vehicles		0.00			0	0.00	0.00		0.00	0.00	0.00
8	Furniture & fixtures		0.00			0	0.00	0.00		0.00	0.00	0.00
9	Office Equipments		0.00			0	0.00	0.00		0.00	0.00	0.00
10	Assets of Partnership projects etc.		0.00			0	0.00	0.00		0.00	0.00	0.00
11	Capital spares of HV & LT transmisison		0.00			0	0.00	0.00		0.00	0.00	0.00
12	Assets taken over & pending final valuation		0.00			0	0.00	0.00		0.00	0.00	0.00
13	IT Equipments		0.00			0	0.00	0.00		0.00	0.00	u7
15	Any other items	5.28	1.70			1.7	0.30	0.09		0.39	1.40	1.31
16	Gross Asset (Total (1) to (15))		2990.56	395.28	0	3385.84	1052.707942	154.24	0	1206.94	1937.85	2178.90
17	Less: Consumer contribution	5.28	531.45			531.45		28.06				
18	Less: Government grants											
19	Less: Deposit Works											
	Less: Capital Subsidies											
21	Net Asset considered for depriciation (16-17-18-19-20)		2459.11	395.28	0	2854.39	1052.71	126.18	0.00	1206.94	1937.85	2178.90

#### Form D 3.5

# Fixed assets & depreciation

Name of Distribution Business/Licensee Licensed Area of Supply TECHNOPARK THIRUVANANTHAPURAM

Year 2016-17

(Figures in Rs Lakhs)

					Gross fixed assets		Provision for depreciation				(Figures III AS Lakits)	
S. No.	Asset Group (as per notification in respect of depreciation)	Rate of depreciation (%)	At the beginning of the year( as per KSERC)	Additions during the year	Adjustment & deducitons	At the end of the year	Cumulative upto the begining of the year	Additions during the year	Adjustment during the year	Cumulative at the end of the year	Net fixed assets at the beginning of the year	Net Fixed Assets at the end of the year
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Land & land rights									C		
2	Other Civil works	3.34	188.95			188.95	45.76	6.31		52.07	143.19	136.88
3	HV Distribution system	5.28	1020.95			1020.95	278.18	53.91		332.09	742.77	688.86
a)	Distribution lines	5.28	83.28			83.28	43.17	4.40		47.57	40.11	35.71
b)	Sub-station equipments	5.28	2064.02			2064.02	824.26	108.98		933.24	1239.76	1130.78
	Transformers		0.00			0	0.00	0.00		0.00	0.00	0.00
ii)	Switchgears, Control gear & Protection		0.00			0	0.00	0.00		0.00	0.00	0.00
iii)	Batteries		0.00			0	0.00	0.00		0.00	0.00	0.00
iv)	Others		0.00			0	0.00	0.00		0.00	0.00	0.00
4	LT Distribution system		0.00			0	0.00	0.00		0.00	0.00	0.00
a)	Distribution lines	5.28	24.41			24.41	14.17	1.29		15.46	10.24	8.95
b)	Sub-station equipments		0.00			0	0.00	0.00		0.00	0.00	0.00
i)	Transformers		0.00			0	0.00	0.00		0.00	0.00	0.00
ii)	Switchgears, Control gear & Protection		0.00			0	0.00	0.00		0.00	0.00	0.00
iii)	Batteries		0.00			0	0.00	0.00		0.00	0.00	0.00
iv)	Others		0.00			0	0.00	0.00		0.00	0.00	0.00
5	Communication equipment		0.00			0	0.00	0.00		0.00	0.00	0.00
6	Meters	5.28	2.53			2.53	1.01	0.13		1.14	1.52	1.39
7	Vehicles		0.00			0	0.00	0.00		0.00	0.00	0.00
8	Furniture & fixtures		0.00			0	0.00	0.00		0.00	0.00	0.00
9	Office Equipments		0.00			0	0.00	0.00		0.00	0.00	0.00
	Assets of Partnership projects etc.		0.00			0	0.00	0.00		0.00	0.00	0.00
11	Capital spares of HV & LT transmisison		0.00			0	0.00	0.00		0.00	0.00	0.00
12	Assets taken over & pending final valuation		0.00			0	0.00	0.00		0.00	0.00	0.00
13	IT Equipments		0.00			0	0.00	0.00		0.00	0.00	u7
15	Any other items	5.28	1.70			1.7	0.39	0.09		0.48	1.31	1.22
16	Gross Asset (Total (1) to (15))		3385.84	0	0	3385.84	1206.94	175.11	0	1382.05	2178.90	2003.79
17	Less: Consumer contribution	5.28	531.45			531.45		28.06				
18	Less: Government grants											
19	Less: Deposit Works											
	Less: Capital Subsidies											
21	Net Asset considered for depriciation (16-17-18-19-20)		2854.39	0	0	2854.39	1206.94	147.05	0.00	1382.05	2178.90	2003.79

#### Form D 3.5

# Fixed assets & depreciation

Name of Distribution Business/Licensee Licensed Area of Supply TECHNOPARK THIRUVANANTHAPURAM

Year 2017-18

(Figures in Rs Lakhs)

				Gross fix	ed assets			Provision fo	r depreciation		(Figures in Rs Lakhs)	
S. No.	Asset Group (as per notification in respect of depreciation)	Rate of depreciation (%)	At the beginning of the year( as per KSERC)	Additions during the year	Adjustment & deducitons	At the end of the year	Cumulative upto the begining of the year	Additions during the year	Adjustment during the year	Cumulative at the end of the year	Net fixed assets at the beginning of the year	Net Fixed Assets at the end of the year
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Land & land rights									0		
2	Other Civil works	3.34	188.95			188.95	52.07	6.31		58.39	136.88	130.56
3	HV Distribution system	5.28	1020.95			1020.95	332.09	53.91		385.99	688.86	634.96
a)	Distribution lines	5.28	83.28			83.28	47.57	4.40		51.97	35.71	31.31
b)	Sub-station equipments	5.28	2064.02			2064.02	933.24	108.98		1042.22	1130.78	1021.80
i)	Transformers		0.00			0	0.00	0.00		0.00	0.00	0.00
ii)	Switchgears, Control gear & Protection		0.00			0	0.00	0.00		0.00	0.00	0.00
iii)	Batteries		0.00			0	0.00	0.00		0.00	0.00	0.00
iv)	Others		0.00			0	0.00	0.00		0.00	0.00	0.00
4	LT Distribution system		0.00			0	0.00	0.00		0.00	0.00	0.00
a)	Distribution lines	5.28	24.41			24.41	15.46	1.29		16.75	8.95	7.66
b)	Sub-station equipments		0.00			0	0.00	0.00		0.00	0.00	0.00
i)	Transformers		0.00			0	0.00	0.00		0.00	0.00	0.00
ii)	Switchgears, Control gear & Protection		0.00			0	0.00	0.00		0.00	0.00	0.00
iii)	Batteries		0.00			0	0.00	0.00		0.00	0.00	0.00
iv)	Others		0.00			0	0.00	0.00		0.00	0.00	0.00
5	Communication equipment		0.00			0	0.00	0.00		0.00	0.00	0.00
6	Meters	5.28	2.53			2.53	1.14	0.13		1.28	1.39	1.25
7	Vehicles		0.00			0	0.00	0.00		0.00	0.00	0.00
8	Furniture & fixtures		0.00			0	0.00	0.00		0.00	0.00	0.00
9	Office Equipments		0.00			0	0.00	0.00		0.00	0.00	0.00
10	Assets of Partnership projects etc.		0.00			0	0.00	0.00		0.00	0.00	0.00
11	Capital spares of HV & LT transmisison		0.00			0	0.00	0.00		0.00	0.00	0.00
12	Assets taken over & pending final valuation		0.00			0	0.00	0.00		0.00	0.00	0.00
13	IT Equipments		0.00			0	0.00	0.00		0.00	0.00	u7
15	Any other items	5.28	1.70			1.7	0.48	0.09		0.57	1.22	1.13
16	Gross Asset (Total (1) to (15))		3385.84	0	0	3385.84	1382.05	175.11	0	1557.16	2003.79	1828.68
17	Less: Consumer contribution	5.28	531.45			531.45		28.06				
18	Less: Government grants											
19	Less: Deposit Works											
	Less: Capital Subsidies											
21	Net Asset considered for depriciation (16-17-18-19-20)		2854.39	0	0	2854.39	1382.05	147.05	0.00	1557.16	2003.79	1828.68

# Form D 3.6 (a)

# Calculation of Weighted Average Rate of Interest on Actual Loans

Name of Distribution Licensee Licensed Area of Supply Technopark Thiruvananthapuram

S.No	D (* 1 / *6 */ )	Previous Ye	ear 2013-14	Current Year 2014-15			Ensuing Year 2015-16	Year 2016-17	Year 2017-18	D 1
•	Particulars (specify items)	Approved in Tariff Order	Audited	Apr-March (Actual)	Estimated for the year	Approved	Projected	Projected	Projected	Remarks
1	2	3	4	6	7	8	9	10	11	12
1	Loan 1(Central Bank)									
i.	Gross Loan -Opening									
ii.	Cumulative repayments of Loans upto previous year									
	Net loan-Opening									
	Add: Drawal(s) during the Year		88.07							
v.	Less: Repayment (s) of Loans during the year									
vi	Net loan - Closing									
vii	Average Net Loan									
viii	Rate of Interest on Loan on annual basis									
ix	Interest on loan	3.26			1.45					
Х	Loan repayment effective from (date to be indicated)									
2	Loan 2 ( Canara Bank)									
vi	Net loan - Closing									
vii	Average Net Loan									
viii	Rate of Interest on Loan on annual basis									
ix	Interest on loan	20.15			17.27					
Х	Loan repayment effective from (date to be indicated)									
3	Loan 3( Indian Bank )									
	Rate of Interest on Loan on annual basis									
	Interest on loan				33.93					
	Loan repayment effective from (date to be indicated)									
	4( NABARD)									
	Interest on loan				53.8					
	Loan repayment effective from (date to be indicated)									
	Loan 5									
	Rate of Interest on Loan on annual basis									
	Interest on loan				106.45					
	Loan repayment effective from (date to be indicated)									
4	Total Loan									
i.	Gross Loan -Opening									
	Cumulative repayments of Loans upto previous year									
iii.	Net loan-Opening									
iv.	Add: Drawal(s) during the Year									
v.	Less: Repayment (s) of Loans during the year									
	Net loan - Closing									
	Average Net Loan									
	Interest on Loan									
ix	Weighted average Rate of Interest on Loans									

# Calculation of

Name of Distribution Licensee Licensed Area of Supply

S.No	Particulars (specify items)						
1	2						
1	Gross Normative loan - Opening						
2	Cumulative repayment of Normative Loan upto previous year						
3	Net Normative loan - Opening						
4	Increase/Decrease due to ACE/de-capitalization during the Year						
5	Repayments of Normative Loan during the year						
6	Net Normative loan - Closing						
7	Average Normative Loan						
8	Weighted average Rate of Interest of actual Loans						
9	Interest on Normative loan						

Note: nth year = FY 2014-15, n+1th year = FY 2015-16, and so on, for the first fili

# Form D 3.6 (b)

# Interest on Normative Loan

TECHNOPA Thiruvanantl

Approved in Tariff Order	Normative	Truing Up requirement	Apr-Sep (Actual)
3	4	5 = 4 - 3	6

ng under the KSERC (Terms and Conditions for Determination of Tariff) Reg

RK hapuram

Current Year (n)		Ensuing Year (n+1)	Year (n+2)	Year (n+3)
Estimated for the year	Approved by the Commission	Projected	Projected	Projected
7	8	9	10	11
NA				

ulations, 2014

Remarks

12

# Interest on Bon

Name of Distribution Licensee Licensed Area of Supply

S.No	Particulars (specify items)					
1	2					
A	Bond Series 1					
1	Value of Bond					
2	Rate of Interest on Bond					
3	nterest on Bond					
В	Bond Series 2					
4	Value of Bond					
5	Rate of Interest on Bond					
6	Interest on Bond					
С	Consumers Deposit					
	Value of Deposit					
	Rate of Interest on Deposit					
	Interest on Deposit					
	•••					

Note: nth year = FY 2014-15, n+1th year = FY 2015-16, and so on, for the first fili

Form	D	3.6	(c
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# ds to meet Terminal Liabilities

TECHNOPA Thiruvanantl

Approved in Tariff Order	Normative	Truing Up requirement	Apr- March(Actu al)
3	4	5 = 4 - 3	6
			_
		NIL	
38.4			

ng under the KSERC (Terms and Conditions for Determination of Tariff) Reg

RK hapuram

Current Year (n)		Ensuing Year (n+1)	Year (n+2)	Year (n+3)
Estimated for the year	Approved by the Commission	Projected	Projected	Projected
7	8	9	10	11

ulations, 2014

in Lakhs	
Remarks	
12	

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F	$\mathbf{r}$	2 7	
rarm	.,	. 1	

### Interest on Working Capital

Name of Distribution Business/Licensee Licensed Area of Supply Technopark Thiruvananthapuram

Rs. In Lakhs

			Previou	ıs Year			Current year		Ensuing Year	Year	Year	
S1.N	O Particulars		2013	3-14			2014-15		2015-16	2016-17	2017-18	Remarks
٠		Approved in Tariff Order	Audited	Normative	Truing Up requirement	Apr-March (Actual)	Estimated for the year	Approved by the Commission	(Projected)	(Projected)	(Projected)	
1	2	3	4	5	6	7	8	9	10	11	12	13
1	O&M expenses (as per norms) 1 month	22.67			0.00		23.51	23.22	25.80	27.31	28.90	/  <b> </b>
2	Maintenance Spares (as per norms). 1month average	32.67			0.00		32.67	32.67	32.67	32.67	32.67	,
3	Receivables (as per norms) 2 months ERC	753.94			0.00		695.00	699.79	809.68	855.91	926.01	
	Less:											
4	Security deposits except security deposts held in the form of Bank Guarantee from Users	777.35202			0.00	925.22644	531.45	777.35202	971.49	1020.06	1071.07	,
	Less:											
5	Cost of Power Purchase (as per norms)	347.67			0.00		363.73	363.08	386.69	421.54	459.89	,
6	Total Working Capital	-315.75	0.00	0.00	0.00	-925.23	-143.99	-384.75	-490.03	-525.71	-543.37	,
7	Interest Rate (as per norms)											
8	Interest on Working Capital (actual)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	ı

#### Form D 3.8

#### Return on Equity/Return on Net Fixed Assets

Name of Distribution Business/Licensee

Technopark

Licensed Area of Supply

Thiruvananthapuram

#### Rs. In Lakhs

												KS. III LAKIIS
				Previous	s Year 2013-14			Current Year		Ensuing Year	Year	Year
		<b>D</b> 4						2014-15		2015-16		2017-18
S.No.	Particulars	Ref.	Approved in Tariff Order	Audited	Normative	Truing Up requirement	Apr-March (Actual)	Estimated for the year	Approved by the Commission	(Projected)	(Projected)	(Projected)
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Equity at the beginning of the year		1575.78			1314.60		765.1		1314.60	1314.60	1314.60
2	Capitalisation		0			0.00		4182.26		0.00	0.00	0.00
3	Equity portion of capitalisation		0			0.00		2927.58		0.00	0.00	0.00
4	Equity at the end of the year		1575.78			1314.60				1314.60	1314.60	1314.60
	Return Computation											
5	Return on Equity at the beginning of the year	14%*(1)	220.60878			184.04		107.11		184.04	184.04	184.04
6	Return on Equity portion of capitalisation	14%*(3)/2	0			0.00		380.59		0.00	0.00	0.00
	Return on working capital (@ 10.25% bank PLR)							81.28				
7	Total Return on Equity	(5)+(6)	220.60878			184.04		568.98	10	184.04	184.04	184.04
	In case equity invested in the regulated Business is not clearly identifiable											
	Net Fixed Assets net of Consumer Contribution &Grants (at the beginning of the year)	(8)				1682.36			2091.92	1937.85	2178.90	2003.79
9	Rate of return	3%				3.00	3.00	3.00	3.00	3.00	3.00	3.00
10	Total return on net fixed assets	3% * (8)				50.47	0.00	0.00	62.76	58.14	65.37	60.11

		T
Name of Distribution Business/Licensee Licensed Area of Supply	Technopark Thiruvananthapuram	

S. No.	Particulars	Pre	evious Year 2013
		Approved in Tariff Order	Audited/ Normative
1	2	3	4
A)	Advance Tax assessed & deposited on		
a)	for Quarter I & deposited on 15 th June.		
b)	for Quarter II & deposited on 15 th Sept.		
c)	for Quarter III & deposited on 15 th Dec.		
d)	for Quarter IV & deposited on 15 th March.		
	Total(A)		

Note:- Tax calculated should be only for the distribution business and should not i

Note: nth year = FY 2014-15, n+1th year = FY 2015-16, and so on, for the first filing u

Form	D	3	g
T OI III	$\boldsymbol{\mathcal{L}}$	•	

# ax on R.O.E.

(Rsin Lakhs)

				(Hom Editis)
-14	Current Year 2014-15	Ensuing Year 2015-16	Year 2016-17	Year 2017-18
Truing Up requirement	Actual/ Estimated	Projected	Projected	Projected
5 = 4 - 3	6	7	8	9
	NIL			

include income from any other income streame like efficiency gain & incentive etc.

Inder the KSERC (Terms and Conditions for Determination of Tariff) Regulations, 2014

Remarks	
10	
	]
	1
	1
	1
	1

# Project-wise / Scheme-wise Capital Expenditure

Name of Distribution Business/Licensee Licensed Area of Supply

Technopark Thiruvananthapuram

Year 2013-14

Actual/Audited

-	5 1 1 4 1		Ca	pital Expenditu	(Rs Lakns)			Capital Work	in Progress		
S. No.	Description of the project/Scheme	Opening Balance as on 01-04-2013			Transfer to fixed	Closing Balance of WIP	Additions	Capitalisation		Closing balance	Remark
1	2	3	4	5	6	7	8	9	10	11	12
	Land & land rights				-	0		-			
	Other Civil works	188.95				188.95					
	HV Distribution system	721.23				721.23					
	Distribution lines	83.28				83.28					
	Sub-station equipments	1938.68		3.627		1938.68					
	Transformers			0		0					
	Switchgears, Control gear & Protection			0		0					
	Batteries			0		0					
	Others			0		0					
4	LT Distribution system			0		0					
a)	Distribution lines	24.41		0		24.41					
b)	Sub-station equipments			0		0					
i)	Transformers			0		0					
	Switchgears, Control gear & Protection			0		0					
	Batteries			0		0					
	Others			0		0					
5	Communication equipment			0		0					
	Meters	2.53		0		2.53					
7	Vehicles			0		0					
8	Furniture & fixtures			0		0					
9	Office Equipments			0		0					
	Assets of Partnership projects etc.			0		0					
	Capital spares of HV & LT transmisison			0		0					
12	Assets taken over & pending final valuation			0		0					
13	IT Equipments			0		0					
15	Any other items	0.91		0		0.91					
16	Gross Asset (Total (1) to (15))	2959.99	36.27	3.627	(	2959.99	0	0	0	0	0

# Project-wise / Scheme-wise Capital Expenditure

Name of Distribution Business/Licensee Licensed Area of Supply Technopark Thiruvananthapuram

Year 2014--15

Actual/Audited

	(Rs Lakhs)  Capital Expenditure  Capital Work in Progress											
S.	Description of the	O ' D 1				C1 ·		Capital Work	in Progress	C1 ·	D 1	
No.	project/Scheme	Opening Balance as			Transfer to fixed	Closing	Additions	Capitalisation	Adjustments	Closing	Remark	
		on 01-04-2014		During Const.		Balance of WIP				balance	10	
1	2	3	4	5	6	7	8	9	10	11	12	
	Land & land rights	0				0						
_	Other Civil works	188.95				188.95						
	HV Distribution system	721.23	359.01	35.901	394.911	1116.141						
	Distribution lines	83.28		0		83.28						
	Sub-station equipments	1938.68		3.627	43.524	1982.204						
i)	Transformers	0		0		0						
	Switchgears, Control	0		0		0						
	gear & Protection											
	Batteries	0		0		0						
iv)	Others	0		0		0						
4	LT Distribution system	0		0		0						
	Distribution lines	24.41		0		24.41						
b)	Sub-station equipments	0		0		0						
	Transformers	0		0		0						
	Switchgears, Control	0		0		0						
	gear & Protection			Ů								
	Batteries	0		0		0						
iv)	Others	0		0		0						
5	Communication equipment	0		0		0						
6	Meters	2.53		0		2.53						
7	Vehicles	0		0		0						
8	Furniture & fixtures	0		0		0						
9	Office Equipments	0		0		0						
	Assets of Partnership	0		0		0						
	projects etc.	U		U		U						
	Capital spares of	0		0		0						
11	HV & LT transmisison	U		J J		Į ,						
	Assets taken over &	0		0		0						
	pending final valuation											
	IT Equipments	0		0		0						
	Any other items	0.91		0		0.91						
16	Gross Asset (Total (1) to (15))	2959.99	359.01	39.528	438.435	3398.425	0	0	0	0	(	

# Project-wise / Scheme-wise Capital Expenditure

Name of Distribution Business/Licensee Licensed Area of Supply Technopark Thiruvananthapuram

Year 2015--16

Actual/Audited

S.	Description of the		Ca	pital Expenditu	re			Capital Work	in Progress		
No.	project/Scheme	Opening Balance as			Transfer to fixed	Closing	Additions	Capitalisation	Adiustments	Closing	Remark
110.	projecy serience	on 01-04-2015	year	During Const.	Assets	Balance of WIP			-	balance	
1	2	3	4	5	6	7	8	9	10	11	12
	Land & land rights	0				0					
	Other Civil works	188.95				188.95					
	HV Distribution system	1116.141				1116.141					
	Distribution lines	83.28				83.28					
_	Sub-station equipments	1982.204				1982.204					
,	Transformers	0		0		0					
	Switchgears, Control	0		0		0					
	gear & Protection										
	Batteries	0		0		0					
iv)	Others	0		0		0					
4	LT Distribution system	0		0		0					
	Distribution lines	24.41		0		24.41					
	Sub-station equipments	0		0		0					
	Transformers	0		0		0					
	Switchgears, Control	0		0		0					
	gear & Protection			Ů							
	Batteries	0		0		0					
	Others	0		0		0					
5	Communication equipment	0		0		0					
	Meters	2.53		0		2.53					
	Vehicles	0		0		0					
	Furniture & fixtures	0		0		0					
9	Office Equipments	0		0		0					
	Assets of Partnership	0		0		0					
	projects etc.	<u> </u>		Ů		Ü					
	Capital spares of	0		0		0					
11	HV & LT transmisison			Ů		Ů					
	Assets taken over &	0		0		0					
Ī	pending final valuation										
	IT Equipments	0		0		0					
	Any other items	0.91		0		0.91					
16	Gross Asset (Total (1) to (15))	3398.425	0	0	C	3398.425	0	0	0	0	C

# Project-wise / Scheme-wise Capital Expenditure

Name of Distribution Business/Licensee Licensed Area of Supply

Technopark Thiruvananthapuram

Year 2016-17

Actual/Audited

-	D 14 44	(RS Lakns)  Capital Expenditure  Capital Work in Progre							in Progress		
S. No.	Description of the project/Scheme	Opening Balance as			Transfer to fixed	Closing	Additions	Capitalisation		Closing	Remark
140.	projecyscheme	on 01-04-2015	year	During Const.	Assets	Balance of WIP	Additions	Capitalisation	Aujustilielits	balance	
1	2	3	4	5	6	7	8	9	10	11	12
1	Land & land rights	0				0					
2	Other Civil works	188.95				188.95					
3	HV Distribution system	1116.141				1116.141					
a)	Distribution lines	83.28				83.28					
b)	Sub-station equipments	1982.204				1982.204					
	Transformers	0		0		0					
	Switchgears, Control	0		0		0					
	gear & Protection										
	Batteries	0		0		0					
iv)	Others	0		0		0					
4	LT Distribution system	0		0		0					
	Distribution lines	24.41		0		24.41					
	Sub-station equipments	0		0		0					
	Transformers	0		0		0					
	Switchgears, Control	0		0		0					
	gear & Protection										
	Batteries	0		0		0					
	Others	0		0		0					
	Communication equipment	0		0		0					
	Meters	2.53		0		2.53					
	Vehicles	0		0		0					
	Furniture & fixtures	0		0		0					
9	Office Equipments	0		0		0					
	Assets of Partnership	0		0		0					
	projects etc.	Ů		Ů		Ů					
	Capital spares of	0		0		0					
11	HV & LT transmisison	, , ,		Ť		Ü					
	Assets taken over &	0		0		0					
	pending final valuation										
	IT Equipments	0		0		0					
	Any other items	0.91		0		0.91					
16	Gross Asset (Total (1) to (15))	3398.425	0	0	C	3398.425	0	0	0	0	С

# Project-wise / Scheme-wise Capital Expenditure

Name of Distribution Business/Licensee

Technopark

Licensed Area of Supply

Thiruvananthapuram

Year 2017-18

Actual/Audited

C	Description of the		Ca	pital Expenditu	re		Capital Work	in Progress			
S.	Description of the	<b>Opening Balance as</b>			Transfer to fixed	Closing	Additions			Closing	Remark
No.	project/Scheme	on 01-04-2015		<b>During Const.</b>	Assets	Balance of WIP	Additions	Capitalisation	Adjustments	balance	
1	2	3	4	5	6	7	8	9	10	11	12
1	Land & land rights	0				0					
2	Other Civil works	188.95				188.95					
3	HV Distribution system	1116.141				1116.141					
a)	Distribution lines	83.28				83.28					
b)	Sub-station equipments	1982.204				1982.204					
	Transformers	0		0		0					
	Switchgears, Control gear & Protection	0		0		0					
iii)	Batteries	0		0		0					
iv)	Others	0		0		0					
4	LT Distribution system	0		0		0					
a)	Distribution lines	24.41		0		24.41					
b)	Sub-station equipments	0		0		0					
	Transformers	0		0		0					
	Switchgears, Control gear & Protection	0		0		0					
iii)	Batteries	0		0		0					
iv)	Others	0		0		0					
5	Communication equipment	0		0		0					
6	Meters	2.53		0		2.53					
	Vehicles	0		0		0					
8	Furniture & fixtures	0		0		0					
9	Office Equipments	0		0		0					
10	Assets of Partnership projects etc.	0		0		0					
	Capital spares of HV & LT transmisison	0		0		0					
	Assets taken over & pending final valuation	0		0		0					
	IT Equipments	0		0		0					
	Any other items	0.91		0		0.91					
	Gross Asset (Total (1) to (15))	3398.425	0	0	0	3398.425	0	0	0	0	0

\* Note: To be furnished separately for each year commencing from (n-1)th year to (n+3)th year.

Note: nth year = FY 2014-15, n+1th year = FY 2015-16, and so on, for the first filing under the KSERC (Terms and Conditions for Determination of Tariff) Regulations, 2014

# Consolidated report on additions to Fixed Assets

Name of Distribution Business/Licensee : TECHNOPARK

Licensed Area of Supply : Thiruvananthapuram

#### Year 2013-14

S.No	Asset Description	Asset Code
1	2	3

<sup>\*</sup> Note: To be furnished separately for each year commencing from (n-1)th

Note: nth year = FY 2014-15, n+1th year = FY 2015-16, and so on, for th

Conditions for Determination of Tariff) Re

#### Year 2014-15

S.No	Asset Description	Asset Code
1	2	3

#### Year 2015-16

S.No	Asset Description	Asset Code
1	2	3

### Year 2016-17

S.No	Asset Description	Asset Code
1	2	3

#### Year 2017-18

S.No	Asset Description	Asset Code
1	2	3

# luring the year

(Rs in Lakhs)

Total Addition to Assets	Date of commissioning
4	5

1 year to (n+3)th year.

te first filing under the KSERC (Terms and egulations, 2014

(Rs in Lakhs)

(No III Eakito)	
<b>Total Addition to Assets</b>	Date of commissioning
4	5

(Rs in Lakhs)

<b>Total Addition to Assets</b>	Date of commissioning	
4	5	

 _

(Rs in Lakhs)

<b>Total Addition to Assets</b>	Date of commissioning
4	5
	_

(Rs in Lakhs)

Total Addition to Assets	Date of commissioning
4	5

Form D
General (Other debits, write
Technopark
Thiruvananthapuram

			Previous Year (n-1)
S.No.	Particulars (enosity itams)		
5.INU.	Particulars (specify items)	Approved in Tariff Order	Audited
1	2	3	4
1			
2			
3			
4			
5			
	Total		
	Less		
	Chargable to Capital Expenses		
	Net chargable to revenue		

Note: - This form can be used for any other item not covered under specified forms eg.

- 1. Other Debits / Credits
- 2. Prior period Credits / charges

Note: nth year = FY 2014-15, n+1th year = FY 2015-16, and so on, for the first filing under t

## offs or any other items)

	Current year						
		(n)					
Truing Up requirement	Apr-Sep (Actual)	Estimated for Approved by the					
5 = 4 - 3	6 7 8						
\							
NIL							

he KSERC (Terms and Conditions for Determination of Tariff) Regulations

(Rs. In Lakhs)

<b>Ensuing Year</b>	Year	Year	(NS. III Editis)
(n+1)	(n+2)	(n+3)	Pomostico
Projected	Projected	Projected	Remarks
9	10	11	12

## Name of Distribution Business/Licensee TECHNOPARK Licensed Area of Supply Thiruvananthapu

S.No.	Particulars	Demand/ Fixed charges
		<please specify="" unit=""></please>
1	2	3
	LT Categories	
1		
2		
2		
	HT Categories	
1		
2	•••	
	Estra III de Tancian (EIIT)	
1	Extra High Tension (EHT)	
1	•••	
2	•••	
_		
	Bulk Consumers/ Licensees	
1		
2	···	

Note: consumer categories in forms are indicative only. Distribution Business/Licensee sh year).

## Form D 5.1

## tegory wise Existing Tariff

uram

<b>Energy Charges</b>	Fuel Adjustment Charges	Capacitor/ Power Factor charges	Rebate	LPS
<please specify="" unit=""></please>	<please specify="" unit=""></please>	<please specify="" unit=""></please>	<please specify Unit&gt;</please 	<please specify Unit&gt;</please 
4	5	6	7	8

ould indicate actual consumer categories as per tariff (as per existing tariff for prev

Minimum Billing
<please specify<br="">Unit&gt;</please>
9

ious & current

		Co

Name of Distribution Business/Licensee Licensed Area of Supply

S.No.	Particulars
1	2
	LT Categories
1	
2	
	HT Categories
1	
2	
	Extra High Tension (EHT)
1	
2	
	Bulk Consumers/ Licensees
1	
2	

Note: consumer categories in forms are indicative only. Distribution Business/L

#### **Form D 5.2**

### nsumer category wise Proposed Tariff

TECHNOPARK

Thiruvananthapuram

Demand/ Fixed charges	Energy Charges	Fuel Adjustment Charges	Capacitor/ Power Factor charges	Rebate
<please specify="" unit=""></please>	<please specify="" unit=""></please>	<please specify="" unit=""></please>	<please specify="" unit=""></please>	<please specify Unit&gt;</please 
3	4	5	6	7

icensee should indicate consumer categories as per proposed schedule of tariff for ensur

LPS	Minimum Billing
<please specify Unit&gt;</please 	<please specify<br="">Unit&gt;</please>
8	9

ing years).

### Name of Distribution Business/Licensee Licensed Area of Supply

Ensuing Year (n+1)

	Ensuing fear (n+1)
S.No.	Particulars
1	2
	LT Categories
1	
2	
	HT Categories
1	-
2	
	Extra High Tension (EHT)
1	
2	
	Bulk Consumers/ Licensees
1	
2	
	Revenue from sale of power outside the State
	Sale through power exchange
	Sale to other States
	Sale through Traders

	Training the second state of the second state
	Total of items not shown categorywise
a)	Reactive Energy Charges
b)	Electricity Duty Recovery
c)	Other state Levies Recovery
	Total Duty & Levies
d)	Wheeling charges Recoveries
e)	Miscellaneous Charges from consumers
1	
2	•••
3	
	Gross Revenue From Sale of Power
30	Less: i) Electricity Duty Payable to Govt. (Contra)
	ii)Other State Levies Payable to Govt. (Contra)
	Net Revenue from Sale of Power (A29-A30)

Form	D	П	3
roim	ப	J.	

## Revenue from Propos

### TECHNOPARK Thiruvananthapuram

No. of consumers	No. of consumers billed	Connected Load of consumers	Units sold
Nos	Nos	KW	MUs
3	4	5	6
	ļ		


ed	Tariff		

Demand/ Fixed charges	<b>Energy Charges</b>	Fuel Adjustment Charges	Excess Load excess demand charges
Rs Lakh	Rs Lakh	Rs Lakh	Rs Lakh
7	8	9	10

Adjustment of past billing	Power factor surcharge/incenti ve	voltage rebate	load factor penalty/incentive
Rs Lakh	Rs Lakh	Rs Lakh	Rs Lakh
11	12	13	14


Note: consumer categories in forms are indicated tariff (as per existing tariff for previous & current

## Form D 5.3

# renue from Proposed Tariff

Other charges	DPS/LPS	Other Rentals	Misc. recoveries	Total Billing
Rs Lakh	Rs Lakh	Rs Lakh	Rs Lakh	Rs Lakh
15	16	17	18	19

ive only. Distribution Business/Licensee should indicate actual connt year and as per proposed tariff for ensuring years).

Actual/Anticipat ed realisation	Average tariff
Rs Lakh	paisa/KWh
20	21

sumer categories as per

# Improvement in performance

Name of Distribution Business/Licensee Licensed Area of Supply

Electronics Technology Parks - Kerala (Technopark) Technopark Campus

S.No.	Particulars	Ref	Previous Year	Current Year	MY	T Control Peri	od	Remarks
5.110.	Farticulars	Kei	2013-14	2014-15	2015-16	2016-17	2017-18	Kemarks
1	2	3	4	5	6	7	8	11
1	Distribution Losses, (%)		6.54	5.79	5.65	5.55	5.55	
2	Collection Efficiency, (%)		99.97	99.98	99.98	99.98	99.98	
3	Distribution losses for (%)							
(a)	Urban areas with population exceeding 1 lakh		NA	NA	NA	NA	NA	
(b)	Industrial areas of load exceeding 5MVA#		NA	NA	NA	NA	NA	
(c)	Rural areas		NA	NA	NA	NA	NA	
4 (a)	Percentage of consumers billed		100	100	100	100	100	
4 (b)	Revenue realisation , (Rs Cr)		34.88	45.83	48.58	51.35	55.56	
5	Stopped Meters %		0	0	0	0	0	
6 (a)	Defective meters/metering arrangement%		0	0	0	0	0	
6 (b)	Replacement of Defective meters, %		NA	NA	NA	NA	NA	
7	Supply availability %							
(1)	Base Load supply availability							
(a)	Actual contracted Base Load supply in MW		15.00	15.00	17.00	21.40	27.90	
(b)	Base Load in MW		7.46	8.31	9.15	9.89	10.70	
(c)	Base Load supply availability (%) (c=a/b)		2.01	1.80	1.86	2.16	2.61	
(2)	Peak Load supply availability							
(d)	Actual Contracted Peak Load Supply in MW		15.00	15.00	17.00	21.40	27.90	
(e)	Peak load in MW		15.76	18.68	20.96	23.85	27.00	
(f)	Peak Load Supply Availability (%) (f=d/e)		0.95	0.80	0.81	0.90	1.03	
	Supply availability %(0.75*c + 0.25*f)		1.75	1.55	1.60	1.85	2.21	
8	Transformer failure rate		0	0	0	0	0	
a.	Distribution transformers (%)		0	0	0	0	0	
b.	Power transformers (%)		0	0	0	0	0	

## **Appropriation of Distribution loss**

Name of Distribution Business/Licensee : TECHNOPARK Licensed Area of Supply : THIRUVANANTHAPURAM

Year: 2013-14

		Previous Year 2013-14											
			(Actual/Audited)										
S.No.	Particulars	Energy Input	Energy Sales	Enrergy sent to lower voltage	Distributio	Distribution Loss							
		MKWh	MKWh	MKWh	Percent	MKWh							
1	2	3	4	5	6	7							
	Voltage-wise Apportionment of												
1	33 kV												
2	11 kV	653.29	610.53		6.54	42.75							
3	LT												
	Overall Distribution Loss	653.29	610.53		6.54	42.75							

## **Appropriation of Distribution loss**

Name of Distribution Business/Licensee : TECHNOPARK Licensed Area of Supply : THIRUVANANTHAPURAM

Year: 2014-15

		Previous Year 2014-15											
			(Actual/Audited)										
S.No.	Particulars	Energy Input	Energy Sales	Enrergy sent to lower voltage	Distributio	on Loss							
		MKWh	MKWh	MKWh	Percent	Lakhs KWh							
1	2	3	4	5	6	7							
	Voltage-wise Apportionment of	f Distribution losses											
1	33 kV												
2	11 kV	728.18	686.03		5.79	42.15							
3	LT												
_													
	Overall Distribution Loss	728.18	686.03		5.79	42.15							

## **Appropriation of Distribution loss**

Name of Distribution Business/Licensee : TECHNOPARK Licensed Area of Supply : THIRUVANANTHAPURAM

Year: 2015-16

		Previous Year 2015-16											
			(Actual/Audited)										
S.No.	Particulars	Energy Input	Energy Input Energy Sales Enrergy sent to lower voltage		Distributio	on Loss							
		MKWh	MKWh	MKWh	Percent	Lakhs KWh							
1	2	3	4	5	6	7							
	Voltage-wise Apportionment of	f Distribution losses											
1	33 kV												
2	11 kV	801.19	755.94		5.65	45.25							
3	LT												
	Overall Distribution Loss	801.19	755.94	0.00	5.65	45.25							

## **Appropriation of Distribution loss**

Name of Distribution Business/Licensee : TECHNOPARK Licensed Area of Supply : THIRUVANANTHAPURAM

Year: 2016-17

			Previous Year 2016-17										
			(Actual/Audited)										
S.No.	Particulars	Energy Input	Energy Sales	Enrergy sent to lower voltage	Distribution Loss								
		MKWh	MKWh	MKWh	Percent	Lakhs KWh							
1	2	3	4	5	6	7							
	Voltage-wise Apportionment of	f Distribution losses											
1	33 kV												
2	11 kV	865.96	817.93		5.55	48.03							
3	LT												
	Overall Distribution Loss	865.96	817.93	0.00	5.55	48.03							

## **Appropriation of Distribution loss**

Name of Distribution Business/Licensee : TECHNOPARK Licensed Area of Supply : THIRUVANANTHAPURAM

Year: 2017-18

		Previous Year 2017-18											
			(Actual/Audited)										
S.No.	Particulars	Energy Input	Energy Sales	Enrergy sent to lower voltage	Distributio	on Loss							
		MKWh	MKWh	MKWh	Percent	Lakhs KWh							
1	2	3	4	5	6	7							
	Voltage-wise Apportionment of	f Distribution losses											
1	33 kV												
2	11 kV	937.47	885.48		5.55	51.99							
3	LT												
	Overall Distribution Loss	937.47	885.48		5.55	51.99							

### Category-wise Sales

Name of Distribution Business/Technopark
Licensed Area of Supply Thiruvananthapuram Licensed Area of Supply Year 2013-14

. Consumer Category & Consumption Slab	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
2	3	4	5	6	7	8	9	10	11	12	13	14	15
HT Category													
1 HT I (IT & TES	1685785	1674182	1432303	1528908	1499320	1537273	1622838	1593327	1565998	1619871	1504473	1775242	19039520
HT -2 (Non Industrial, Non													
2 Commercial)	11376	10758	8922	11859	12738	13986	16356	29259	30762	30279	30519	34971	<b>24178</b> 5
3 HT -4 (Commercial)	58919	58919	64812	64812	64812	64056	80628	69867	67461	59460	61575	68280	78360
													2006490
LT Category													
1 LT IV A Industrial	2676676	12192	11244	12683	11679	11764	12388	13477	11920	11781	48320	38268	287239
2 LT IV B Industrial	503489	3146163	2795443	3152489	3105493	3024432	3221605	3157493	3156476	3165923	2998990	3397427	3482542
3 LT VI A	1227	7810	8295	4461	9123	9141	9878	8303	8909	9103	8909	10202	9536
4 LT VI B	0	0	0	0	0	0	0	0	0	0	0	0	
5 LT VI C	16800	16482	13413	15841	15668	16849	18007	18700	18512	19522	16847	21901	20854
6 LT VI F	0	0	0	0	0	0	0	0	0	0	0	0	
											-	_	
7 LT VII A 1 Phase	8214	8168	5709	6783	7453	9007	9866	9581	9354	9262	8450	10020	10186
	-	5_55											
8 LT VII A 3 Phase	167789	163465	153219	164024	168524	168654	178864	178006	193592	184693	187391	186818	209503
	107705	100100	100219	101021	100021	100001	170001	17,0000	198892	101030	107031	100010	
9 LT VII B	1951	2044	1691	1188	1280	1184	1339	1179	1139	1129	1166	1612	1690
JEI VII B	1501	2011	1071	1100	1200	1101	1005	11,5	1105	112)	1100	1012	1050
10 LT VIII GENERAL				450	450	450	500	500	450	900	1050	1100	585
23 ET VIII GERVERITE				100	150	100	500	500	150	300	1000	1100	4022137
													1022107
11 Self consumption													89182
12 Street Light													17922
LT Total													4129242
											+		6135732
Grand Total consumption	+ +	+	+	+		+					+	+	0.93
Efficiency Engrave Purchased in Lakha	+	+	+								+		0.93
Energy Purchased in Lakhs													6562280
Units Energy Purchased in MU	+	+	+								+	<u> </u>	
Energy Furchased in MO													656.2

## Category-wise Sales

Name of Distribution Business/LicenTechnopark
Licensed Area of Supply Thiruvananthapuram

	Year 2014-15		1											(kWh)
S. No.	Consumer Category & Consumption Slab	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	HT Category													
	1 HT I (IT & TES	1790857	1967144	1919928	2052367	2024835	2077380	2231693	2204653	2327184	2274011	2091496	2392241	25353789
	HT -2( Non Industrial, Non													
	Commercial)	30930	33654	30639	30906	25350	25629	30957	28194		31794	24243	31884	348255
	3 HT -4 ( Commercial)	63954	69927	63336	65607	62028	58296	58404	57000	64737	57279	57348	71982	
														26451942
	LT Category													200604
	1 LT IV A Industrial	34426	21867	23139.5	17863.83	27769.5	24930.91	28105.58	27870.62	19693.36	24223.83	22943.2	25857.19	298691
		2242226	222222	2220204	2074077	9490464	2224 = 42	2077424	24466	2420200	24 62064	2000=46		200=0242
	2 LT IV B Industrial	3340296	3395995	3350501	3374977	3130161	3221543	3275131	3146657	3129389	3162061	3008746	3570035	38958212
		44	40	200	200		020	620	740	0.44	000	070	4450	0=06
	3 LT VI A	11	49	800	888	787	820	628	749	841	883	978	1152	8586
	4 LT 3/LD	0042	40724	0020	0.000	42257	42505	44054	42422	42552	42072	11.520	12021	140056
	4 LT VI B	9842	10721	9830	9668	12257	12585	11854	12432	12553	12973	11620	13921	140256
	5 LT VI C	20530		 18407	<u> </u> 18772	 18205	<b>1</b> 9033	18235	17464	<u> </u> 19446	 18912	 17230	20801	226100
	S LI VIC	20330	19005	10407	10//2	16203	19055	10233	17404	19446	10912	1/230	20001	220100
	6 LT VI F	0	0	0	0	41083.77	76202.24	79984.97	75907.02	77495.64	78627.37	71940.35	81753.18	582995
	O LI VII				J	41003.77	70202.24	73304.37	73307.02	77433.04	78027.37	71940.33	81733.18	302773
	7 LT VII A 1 Phase	11084.9	11855.1	10135.5	10106.9	7129.9		6394.5	5443.5	6770	7105.5	7243	8490.5	97890
		1100 1.3	11033.1	10133.3	10100.5	,123.3	0131	033 1.3	3113.3	3770	7 103.3	72.13	0 150.5	37030
	8 LT VII A 3 Phase	182743.6	193860.22	148974 52	139987.54	106094.31	75668.76	63173.24	74093	77168	75428	59250	65586	1262027
		1027 1510	1333000.22	11037 1102	133307.31	1000351	73000.70	031/3/21	7.033	,,100	75120	33230	03300	1202027
	9 LT VII B	1619	1626	1514	1500	1295	1392	1403	1222	1229	1214	1207	1513	16734
1	0 LT VIII GENERAL	1040	1252	1022	936	318	0	0	0	0	0	0	0	4568
														41596059
1	1 Self consumption	20225	19998	18818	39890	40442	24098	24621	24425	26003	24479	20611	22745	306354
1	2 Street Light	14541	14744	16063	36500	33246	18540	17631	18099	18625	20956	18855	21251	249051
	LT otal													42151464
	Grand Total consumption													68603406
	Efficiency													0.942
	Energy Purchased in Lakhs Units													
														72818025
	Energy Purchased in MU													72.82
	Total													

# Category-wise Sales

Name of Distribution Business/ Technopark
Licensed Area of Supply Thiruvananthapuram
Year 2014-15

S. No.	Consumer Category & Consumption Slab	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
1	2	3	4	5	6	7	8	9	10	11	12
	HT Category										
	HT I (IT & TES	1.06	1.17	1.34	1.34	1.35	1.35	1.38	1.38	1.49	1.40
	HT -2( Non Industrial, Non										
	Commercial)	2.72		3.43				1.89			
	HT -4 ( Commercial)	1.09	1.19	0.98	1.01	0.96	0.91	0.72	0.82	0.96	0.96
	LT Category	2.01	4 =0	2.06			2.12				- 0.0
	LT IV A Industrial	0.01	1.79	2.06	1.41	2.38	2.12	2.27	2.07	1.65	2.06
		6.63	4.00	4.20	4.05	4.04	4.0=	1.03	4.00	0.00	4.00
	LT IV B Industrial	6.63	1.08	1.20	1.07	1.01	1.07	1.02	1.00	0.99	1.00
	T T 7/T A	0.01	0.01	0.10	0.20	0.00	0.00	0.06	0.00	0.00	0.10
	LT VI A	0.01	0.01	0.10	0.20	0.09	0.09	0.06	0.09	0.09	0.10
	LT VI B	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00
	LIVID	1.00	2.00	3.00	4.00	3.00	0.00	7.00	0.00	9.00	10.00
	LT VI C	1.22	1.16	1.37	1.19	1.16	1.13	1.01	0.93	1.05	0.97
		1,22	1.10	1.07	1.17	1.10	1.10	1.01	0.50	1.00	0.57
	LT VI F	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00
	LT VII A 1 Phase	1.35	1.45	1.78	1.49	0.96	0.68	0.65	0.57	0.72	0.77
	LT VII A 3 Phase	1.09	1.19	0.97	0.85	0.63	0.45	0.35	0.42	0.40	0.41
	LT VII B	0.83	0.80	0.90	1.26	1.01	1.18	1.05	1.04	1.08	1.08
	LT VIII GENERAL	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00
	Grand Total	1.5	1.5	1.8	1.9	2.0	2.2	2.4	2.6	2.8	3.1
		<b> </b>									
	T-4-1										
	Total										

(kWh)

Feb	Mar	Total
13	14	15
1.20		
1.39	1.35	1.3
0.79	0.91	1.8
0.93	1.05	1.0
0.45	0.60	4.6
0.47	0.68	1.6
1.00	1.05	1.5
0.11	0.11	0.1
11.00	12.00	6.5
1.02	0.95	1.1
1.02	0.55	1.1
11.00	12.00	6.5
0.86	0.85	1.0
0.22	0.35	0.6
0.32	0.33	0.0
1.04	0.94	1.0
11.00	12.00	6.5
0.1	2.4	2.4
3.1	3.4	2.4
		72818025
		0.00

## Category-wise Sales

Name of Distribution Business/Licensee

Technopark

Licensed Area of Supply Year 2015-16

Thiruvananthapuram

(LW/h

Year 2015-16 (kW)							(kWh)							
S. No.	Consumer Category & Consumption Slab	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	HT Category													
	HT I (IT & TES	1880400	2065501	2015924	2154985	2126077	2181249	2343278	2314886	2443543	2387712	2196071	2511853	26621478
	HT -2( Non Industrial, Non Commercial)													
١,		21220	22001	20045	21215	25604	35005	21267	20476	24216	22112	24495	22202	251529
2	HT -4 ( Commercial)	31239 64594	33991 70626	30945 63969	31215 66263	25604 62648	25885 58879	31267 58988	28476 57570	24316 65384	32112 57852	24485 57921	32203 72702	351738 764833
3	111 -4 (Continercial)	04394	70020	03909	00203	02040	30079	30900	37370	05564	37632	3/921	72702	27738049
	LT Category				+									27750015
	LT IV A Industrial	36492	23179	24528	18936	29436	26427	29792	29543	20875	25677	24320	27409	316612
2	LT IV B Industrial	3767853	3830683	3779365	3806974	3530822	3633901	3694348	3549429	3529951	3566805	3393865	4027000	44110997
	LT VI A Non Domestic													
3		550	560	580	580	610	620	550	540	520	510	603	603	6826.40
	LT VI B Non Domestic													
4	LI VI b Non Domestic	11368	12383	11354	11167	14157	14536	13691	14359	14499	14984	13421	16079	161996
		11300	12000	11001	11107	11107	11886	13031	11009	11155	11501	10121	10075	101330
	LT VI C Non Domestic													
5		21762	20209	19511	19898	19297	20175	19329	18512	20613	20047	18264	22049	239666
6	LT VI F General	80162	80162	80162	80162	80162	85347	89583	85016	86795	88063	80573	91564	1007749
	LT VII A Commercial													
7	1 Phase	11750	12566	10744	10713	7558	6499	6778	5770	7176	7532	7678	9000	103764
<del></del>		11750	12500	10/11	10713	7550	01))	0770	3770	7170	7332	7070	3000	105701
	LT VII A Commercial													
	3 Phase													
8		193891	205686	158062	148527	112566	80285	67027	78613	81875	80029	62864	69587	1339011
	LT VII B Commercial	1505	1005	1.001	1665	1405	1545	1555	1256	1264	1240	1240	1670	10555
9		1797	1805	1681	1665	1437	1545	1557	1356	1364	1348	1340	1679	18575
				+	+									
														47305195
														1.000130
10	Self consumption	21439	21198	19947	42283	42868	25544	26098	25891	27563	25947	21848	24110	324735.73
	LT IX B													
	Metered Street Light													
11		15414	15629	17027	38690	35240	19652	18689	19185	19742	22213	19987	22526	263994.31
-	LT Total													47893925
	Grand Total consumption				+									75631974.35
	Efficiency			-	+									0.944
	Energy Purchased in Lakhs Units													80118617
	Energy Purchased in MU				+									80.12
	-													
	Total													
			•	·										

#### Category-wise Sales

Name of Distribution Business/LTechnopark
Licensed Area of Supply Thiruvananthapuram Licensed Area of Supply Year 2016-17

(kW/h)

	Year 2016-17	_												(kWh)
S. No.	Consumer Category & Consumption Slab	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	HT Category													
1	HT I (IT & TES	2106048	2313361	2257835	2413584	2381206	2442999	2624471	2592672	2736768	2674237	2459599	2813275	29816056
	HT -2( Non Industrial, Non	24000	20060	24650	24061	20070	20002	25010	21002	25224	25065	27424	26067	202046
	Commercial)  HT -4 ( Commercial)	34988 73184	38069 80020	34659 72477	34961 75076	28676 70981	28992 66710	35019 66833	31893 65227	27234 74080	35965 65546	27424 65625	36067 82371	393946 858131
- 3	H1 -4 (Commercial)	73104	80020	72477	75076	70961	00/10	00033	03227	74000	05540	03023	623/1	31068133
	LT Category													31000133
1	LT IV A Industrial	38681	24570	26000	20072	31202	28012	31579	31315	22127	27218	25779	29053	335609
	21 IV II IIIuusiiui	55561	21370	20000	20072	01202	20012	01079	01010	2212/	2,210	20119	2,000	000007
2	LT IV B Industrial	3993925	4060524	4006127	4035393	3742671	3851935	3916009	3762395	3741748	3780813	3597497	4268620	46757657
3	B LT VI A Non Domestic	583	594	615	615	647	657	583	572	551	541	640	639	7236
4	LT VI B Non Domestic	12050	13126	12035	11837	15006	15408	14513	15220	15369	15883	14226	17043	171715
	ITMCN - December	22050	21220	20505	20002	20250	21295	20202	10520	01746	211.40	100(0	22262	252040
	LT VI C Non Domestic	22959	21320	20585	20993	20359	21285	20392	19530	21746	21149	19268	23262	252848
-	LT VI F General	84971	84971	84971	84971	84971	90467	94958	90117	92003	93346	85408	97057	1068214
	LI VII General	04)/1	04971	04)/1	04)/1	047/1	J0 <del>1</del> 07	71730	70117	<b>92003</b>	<i>333</i> <b>4</b> 0	05400	77037	1000214
	LT VII A Commercial	+												
7	7 1 Phase	12337	13195	11281	11249	7936	6824	7117	6059	7535	7908	8061	9450	108952
	LT VII A Commercial													
8	3 Phase	205524	218027	167546	157438	119320	85102	71048	83329	86788	84831	66636	73762	1419351
g	LT VII B Commercial	1905	1913	1781	1765	1524	1638	1651	1438	1446	1428	1420	1780	19689
														50141271
10	Self consumption	22725	22470	21144	44820	45440	27077	27664	27444	29217	27504	23159	25556	344220
10	LT IX B	22123	22470	21144	44020	43440	27077	2/004	2/444	29217	2/304	23139	23330	344220
11	Metered Street Light	16339	16566	18048	41012	37355	20831	19810	20336	20927	23546	21186	23878	279834
	LT Total	10007	10300	10010	11012	07000	20031	17010	20550	20327	25540	21100	20070	50765325
	21 10111	<del> </del>												20,000_0
	Grand Total consumption													81833458
	Efficiency													0.945
	Energy Purchased in Lakhs													
	Units													86596251
	Energy Purchased in MU													86.60
<u> </u>														

### Category-wise Sales

Name of Distribution Busin Technopark
Licensed Area of Supply Thiruvananthapuram
Year 2017-18

(kWh)

	Year 2017-18													(kWh)
S. No.	Consumer Category & Consumption Slab	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	HT Category													
1	HT I (IT & TES	2358774	2590965	2528776	2703214	2666951	2736159	2939407	2903793	3065181	2995145	2754751	3150868	33393983
	HT -2( Non Industrial, Non													
•	Commercial)	201.07	40.000	20010	20156	20115	22.454	20221	25520	20502	40201	20515	40205	441000
2	LIT 4 (Comments)	39187	42638	38818	39156	32117	32471 74715	39221	35720 73054	30502	40281 73412	30715	40395 92256	441220
3	HT -4 ( Commercial)	81967	89622	81175	84085	79498	/4/15	74853	73054	82970	/3412	73500	92250	961106 34796309
	I.T.Catagowy													34/90309
	LT Category LT IV A Industrial	41002	26044	27560	21276	33074	29693	33474	33194	23455	28851	27326	30796	355745
	LI IV A muusmai	41002	20044	2/300	21270	33074	29093	33474	33194	23433	20031	2/320	30790	333743
2	LT IV B Industrial	4233560	4304155	4246495	4277516	3967232	4083051	4150969	3988139	3966253	4007662	3813347	4524737	49563116
	LI IV B Industrial	4233300	4304133	1210173	42//310	3707232	4005051	4130707	3700137	3700233	4007002	3013347	4324737	47303110
3	LT VI A Non Domestic	618	629	652	652	685	697	618	607	584	573	678	678	7670
0	ET VITATION DOMESTIC	010	025	002	032	005	057	010	007	501	370	070	070	7070
4	LT VI B Non Domestic	12773	13913	12757	12547	15907	16332	15384	16134	16291	16836	15080	18066	182018
	ET VI B Non Bomestie	12,70	10313	12.01	12017	10507	1000=	10001	10101	10251	10000	15000	10000	102010
5	LT VI C Non Domestic	24336	22600	21820	22252	21580	22562	21616	20702	23051	22418	20424	24657	268018
	21 VI CITON DOMESTIC													
6	LT VI F General	90070	90070	90070	90070	90070	95895	100656	95524	97523	98947	90532	102881	1132307
	LT VII A Commercial													
7	1 Phase	13078	13986	11958	11924	8412	7233	7544	6422	7987	8383	8545	10017	115489
	LT VII A Commercial													
8	3 Phase	217856	231108	177598	166885	126479	90208	75311	88329	91995	89921	70634	78188	1504513
9	LT VII B Commercial	2019	2028	1888	1871	1615	1736	1750	1524	1533	1514	1505	1887	20871
														53149747
10	Self consumption	24088	23818	22413	47509	48167	28701	29324	29091	30970	29154	24548	27090	364873
	LT IX B													
11	Metered Street Light	16339	16566	18048	41012	37355	20831	19810	20336	20927	23546	21186	23878	279834
	LT Total													53794454
	Grand Total consumption													88590763
	Efficiency													0.945
	Energy Purchased in			-										
	Lakhs Units													93746839

Energy Purchased in MU						94
Total						

# **Collection Efficiency**

Name of Distribution Business/Licensee : TECHNOPARK Licensed Area of Supply : THIRUVANANTHAPURAM

(Rs. Lakhs)

S. No.	Particulars -	Previous Year (n-1)	Current Year (n)	Ensuing Year (n+1)	Year (n+2)	Year (n+3)	Remarks
5.140.	Turreururs	(Actuals/Audited)	Estimated	(Projected)	(Projected)	(Projected)	Remarks
1	2	3	4	5	6	7	8
	HT Category						
	Category-1	99.98	99.98	99.98	99.98	99.98	
		99.98	99.98	99.98	99.98	99.98	
	Category-n	99.98	99.98	99.98	99.98	99.98	
		99.98	99.98	99.98	99.98	99.98	
	LT Category	99.98	99.98	99.98	99.98	99.98	
	Category-1	99.98	99.98	99.98	99.98	99.98	
		99.98	99.98	99.98	99.98	99.98	
	Category-n	99.98	99.98	99.98	99.98	99.98	
		99.98	99.98	99.98	99.98	99.98	
	Total	99.98	99.98	99.98	99.98	99.98	

### Form D 8

### **Deviation Analysis**

Name of Distribution Business/Licensee Licensed Area of Supply Technopark Thiruvananthapuram

Year 13-14

(Rs. Lakhs)

S. No.	Particulars	Approved	Actual	Deviation	Reason for Deviation	Controllable	Uncontrollable
1	2	3	4	5	6	7	8
1	Cost of own power generation/power purchase	4172.03	3779.16	392.87			
2	Transmission Charges						
3	NLDC/RLDC/SLDC Charges						
4	Operation & Maintenance Expenses	272.01	188.34	83.67			
4.1	Employee Expenses	17.27	24.76	-7.49			
4.2	Administration & General Expenses	58.04	35.42	22.62			
4.3	Repair & Maintenance Expenses	196.7	128.16	68.54			
5	Interest and finance charges on long term loans	61.81	57.33	4.48			
6	Depreciation	124.4	155.99	-31.59			
7	Interest on Working Capital	0.00	0.00	0.00			
8	Interest on consumer security deposits and deposits from Users of the distribution system		46.64				
0	Any other item (to be specified)						
	Contribution to contingecny reserves						
	Provisioning for Bad debts, if any						
A	Total Expenditure	4902.26	4415.79509	486.464909			
В	Return on Equity	10	75.29	-65.29			
С	Tax on ROE						
D	Revenue						
1	Revenue from sale of electricity	4523.61	4278.95	244.66			
2	Other Income	20.4	23.80	-3.39647			

### Form D 8

### **Deviation Analysis**

Name of Distribution Business/Licensee Licensed Area of Supply Technopark Thiruvananthapuram

#### Year 14-15

(Rs. Lakhs)

S. No.	Particulars	Approved	Actual	Deviation	Reason for Deviation	Controllable	Uncontrollable
1	2	3	4	5	6	7	8
1	Cost of own power generation/power purchase	4356.94	4204.33	152.61			
2	Transmission Charges						
3	NLDC/RLDC/SLDC Charges						
4	Operation & Maintenance Expenses	278.59	200.30	78.29			
4.1	Employee Expenses	18.73	30.26	-11.53			
4.2	Administration & General Expenses	63.06	15.76	47.30			
4.3	Repair & Maintenance Expenses	196.8	154.28	42.52			
5	Interest and finance charges on long term loans	147.73	69.75	77.98			
6	Depreciation	126.01	154.07	-28.06			
7	Interest on Working Capital	0.00	0.00	0			
8	Interest on consumer security deposits and deposits from Users of the distribution system		55.51				
9	Any other item (to be specified)						
10	Contribution to contingecny reserves						
11	Provisioning for Bad debts, if any						
Α	Total Expenditure	5190.86	4888.266653	302.59			
В	Return on Equity	10	75.29	-65.29			
С	Tax on ROE						
D	Revenue						
1	Revenue from sale of electricity	4198.75	4739.95	-541.20			
2	Other Income	46.97	19.30	27.67			

# Form D 9

# Consumer category-wise Cross-subsidy

Name of Distribution Business/Licensee Licensed Area of Supply Technopark Thiruvananthapuram

2015-16

S.No.	Particulars	Average Cost of	Average Bil	ling Rate		Billing Rate to Average Supply (%)	Proposed percentage
		Supply (Rs./unit)	As per latest Tariff Order	Proposed by Distribution Business/ Licensee	As per latest Tariff Order	Proposed by Distribution Business/ Licensee	increase in tariff
1	2	3	4	5	6	7 = 5/3	8 = 5/4
	LT Categories						
1	LT IV A(Industrial -	5.79	5.26		90.87		
2	LT IV A(Industrial -	5.79	5.88		101.46		
3	LT IV A above 20 kW (Industrial -	5.79	6.16		106.33		
4	LT IV BIT & ITES	5.79	5.80		100.21		
5	LT IV BIT & ITES	5.79	6.88		118.85		
6	LT IV BIT & ITES Non-TOD	5.79	6.99		120.76		
7	LT IV BIT & ITES Non-TOD	5.79	6.10		105.40		
8	LT VI A 1 ph	5.79	8.21		141.82		
9	LT VI A 3 ph	5.79	7.75		133.76		
10	LT VI B General	5.79					
11	LT VI B (Non-Domestic 1ph & 3 ph)	5.79	17.93		309.66		
12	LT VI C(Non-Domestic 1ph & 3 ph)	5.79	8.98		155.13		
13	LT VI C(Non-Domestic 1ph & 3 ph)	5.79	10.63		183.58		
14	LT VI F1 ph	5.79	7.29		125.80		
15	LT VI F 3 ph	5.79	8.87		153.08		
16	LT VII A Commercial (1 ph)	5.79	7.30		125.98		
17	LT VII A Commercial ( 3 ph )	5.79	7.93		136.87		
18	LT VII B Commercial	5.79	6.07		104.72		
19	LT VIII General ( 3 ph)	5.79	6.21		107.30		
20	Self Consumption	5.79	6.29		108.62		
21	Street Lighting	5.79	3.37		58.20		
	Sub Total	5.79	6.11		105.47		
	HT Categories						
	HT -I Industrial	5.79	7.64		131.83		
	HT -II Non Industrial	5.79	8.00		138.07		
	HT- IV Commercial	5.79	11.04		190.59		
	Sub Total	5.65	7.73		136.88		

### Form D P&L

### **Profit & Loss Account**

Name of Distribution Business/Licensee Licensed Area of Supply Techopark Thiruvananthapuram

CN	n e 1	D. C	Previous Year	Previous Year	D 1
S.No.	Particulars	Ref	2013-14	2012-13	Remarks
1	2	3	4	5	6
	I.INCOME				
	a. Revenue from Sale of Power		3488.30	3088.73	
	b. Revenue Subsidies and Grants		0	0	
	c. Other Income		23.80	53.58	
	Total (a+b+c)		3512.10	3142.31	
	II. EXPENDITURE				
	a. Repairs and Maintenance.		128.16	124.63	
	b. Employee Cost		24.76	18.74	
	c. Administration and General Expenses		35.42	66.09	
	d.Depreciation		155.99	104.25	
	e.Interest and Finance charges		57.33	68.76	
	f. Subtotal ( a+b+c+d+e)		401.66	382.47	
	g. Less Capitalised Expenses:				
	- Interest & Finance Charges		57.33	68.76	
	- Other Expenses				
	h. Other Debits				
	I. Extra Ordinary Items				
	j. Purchase of power		3779.16	3088.73	
	k.Generation of Power				
	Total Expenditure (f-g+h+i+j+k)		4123.49	3402.44	
	III. Profit/(Loss) before Tax (I-II)		-611.39	-260.13	
	IV. Provision for Income Tax		0	0	
	V.Net Prior period credits (Charges )		0	0	
	VI. Surplus (Deficit )		-611.39	-260.13	
	VII. Net Assets at the beginning of the year (Less consumer's Contribution )		1682.36	1834.82	
	VIII. Rate of Return (VI/VII) in %		-36.34		

#### KSEBL SBU-wise P&L Account

		it & Loss Acco	ount				
S.No.	Part	iculars Ref	Aud	ited Ac Elec	tricity ( Oth	er Busiı Rem	arks
	1 I.IN	2 COME	3	4	5	6	7
	a. Re	evenue from S	Sale of Po	wer			
	b. Re	evenue Subsid	dies and G	irants			
	c. Ot	ther Income					
	Tota	ıl (a+b+c)					
	II. EX	KPENDITURE					
	a. Re	epairs and Ma	intenance	e.			
	b. Er	mployee Cost					
	c. Ac	dministration	and Gene	ral Expense	S		

- e.Interest and Finance charges
- f. Subtotal (a+b+c+d+e)
- g. Less Capitalised Expenses:
- Interest & Finance Charges
- Other Expenses
- h. Other Debits

d.Depreciation

- I. Extra Ordinary Items
- j. Purchase of power
- k.Generation of Power

Total Expenditure (f-g+h+i+j+k)

- III. Profit /(Loss) before Tax (I-II)
- IV. Provision for Income Tax
- V.Net Prior period credits (Charges )
- VI. Surplus (Deficit )
- VII. Net Assets at the beginning of the year (Less consumer's Contribution )
- VIII. Rate of Return (VI / VII)

Note: Reconciliation between audited accounts of KSEBL Limited and amounts for each SBU should be

Note: Above details should be submitted for (n-1)th year, for which audited accounts are av

furnished.

ailable

# Small Distribution Licensee - li

# **Profit & Loss Account**

Name of Distribution Licensee

Technopa Thiruvana

S.No.	Particulars	Ref
1	2	3
	I.INCOME	
	a. Revenue from Sale of Power	
	b. Revenue Subsidies and Grants	
	c. Other Income	
	Total (a+b+c)	
	II. EXPENDITURE	
	a. Repairs and Maintenance.	
	b. Employee Cost	
	c. Administration and General Expenses	
	d.Depreciation	
	e.Interest and Finance charges	
	f. Subtotal ( a+b+c+d+e)	
	g. Less Capitalised Expenses:	
	- Interest & Finance Charges	
	- Other Expenses	
	h. Other Debits	
	I. Extra Ordinary Items	
	j. Purchase of power	
	k.Generation of Power	
	Total Expenditure (f-g+h+i+j+k)	
	III. Profit/(Loss) before Tax (I-II)	
	IV. Provision for Income Tax	

V.Net Prior period credits (Charges )	
VI. Surplus (Deficit )	
VII. Net Assets at the beginning of the year (Less consumer's Contribution )	
VIII. Rate of Return (VI / VII)	

Note: Reconciliation between audited a

# censed business P&L Account

	_
ırk	
anthapuram	

<b>Audited Accounts</b>	Generation SBU	Transmission SBU	Distribution SBU
4	5	6	7

accounts of KSEBL Limited and amounts for each SBU should be fi

SLDC	Remarks
8	9

arnished.	

# Form D BS

# Balance Sheet at the end of the year

Name of Distribution Business/Licensee Licensed Area of Supply Technopa Thiruvana

S.No.	Particulars	Ref
1	2	3
	Sources of Funds:	
	(A) Capital Funds:	
	Share Capital (Govt. equity )	
	Reserves & Surplus	
	Total (A)	
	(B) Loan from State Government	
	Loan from others :	
	-Secured	
	-Unsecured	
	Total (B)	
	(C) Contribution, grants & subsidies towards cost of capital assets	
	Provident Fund	
	Terminal Benefit Fund	
	Borrowings for working capital	
	Grand total of sources of funds (A+B+C)	
	Application of Funds:	
	A) Fixed assets	
	a) Gross fixed assets	
	b) Less accumulated depreciation	
	c) Net Fixed assets( (a)-(b) )	
	d) Capital works in progress	
	e) Assets not in use	

f) Deferred costs	
g) Intangible assets	
h) Investments	
Total (c) $+(d)+(e)+(f)+(g)+(h)$	
B)Subsidy receivable from Government	
Contribution receivable from State Government to pension liability	wards
C) Net Current Assets	
(1) Current assets, loans and advances	
a) Inventories*	
b) Receivables against Sale of Power	
c) Cash & bank balances	
d) Loans and advances	
e) Sundry receivables	
Total (C) (1)	
(2) Current liabilities & provisions	
a) Security Deposits from Consumers	
b) Borrowings for wrking capital	
c) Payments due on Cap. liabilities	
d) Other current liabilities	
Total (C) (2)	
Net Current Assets (C(1)) - (C(2))	
Grand Total of Application of funds (A)+(B)+(C)	

Note: Reconciliation between audited accounts and amounts for c

ırk anthapuram

ious Year Previous Year Remar		
(n-2)	Remarks	
5	6	
	(n-2)	

listribution business should be furnished.

# Form D CF

# Cash Flow for the year

Name of Distribution Business/Licensee Licensed Area of Supply

S.No.	Particulars
1	2
I	Net Funds from Operations
1a	Net Funds from Earnings :
	a) Profit before tax and before revenue subsidies and grants
	Less : Income Tax Payment during the year
	Total of (a)
	b. Add: Debits to revenue account not requiring cash Flow:
	I) Depreciation
	ii) Amortisation of Deferred costs
	iii) Amortisation of Intangible Assets
	iv) Investment Allowance Reserve
	v) Others, if any
	Total of (b)
	c. Less: Credits to revenue Account not involving cash receipts
	I) Deprecation
	ii) Subsidies receivables
	iii) Revenue gap
	Total of (c)
	Net Funds from Earnings (a)+(b)-(c)
2	Contributions, Grants & Subsidies to cost of Capital Assets
3	Security Deposit from consumers
4	Proceeds from disposal of fixed Assets
5	Total Funds from Operations (1+2+3+4)
6	Net Increase/(Decrease) in working Capital

	(a) Increase/(Decrease) in Current Assets
	I) Inventories
	ii) Receivables against sale of power
	iii) Loans and Advances
	iv) Sundry receivables
	v)Subsidy receivables
	Total of (a)
	(b) Increase/(Decrease) in Current liabilities
	I)Borrowings for working Capital
	ii) Other current liabilities
	iii) Others (Increase in Reserve + payment due on cap.liab)
	Total of (b)
	Net Increase/(Decrease) in working Capital (a)- (b)
7	Net Funds from operations before subsidies and Grants (5-6)
8	Receipts from revenue subsidies and Grants
	Total Net Funds from operations including subsidies & Grants (7+8)
II.	Net increase/ decrease in Capital liabilities
	a). Fresh borrowings
	I) State Loans
	ii) Foreign currency Loans / Credits
	iii) Other borrowings
	Total of (a)
	b) Repayments :
	I) State Loans
	ii) Foreign currency Loans / Credits
	iii) Other borrowings
	Total of (b)
	Net Increase/(Decrease) in Capital liabilities (a) - (b)
III.	Increase/(Decrease ) in equity Capital

IV.	Total Funds available for Capital Expenditure (I+II+III)
V	Funds utilised on Capital Expenditure
	a)On projects
	b)Advance to Suppliers & Contractors
	c) Intangible Assets
	d) Deferred Cost
	Total of V (a+b+c+d )
VI	Net Increase/(Decrease ) in Government contribution
VII	Net Increase/(Decrease ) in Terminal benefit fund
VIII	Net Increase/(Decrease ) in Provident fund
IX	Net Increase/(Decrease ) in investments
X	Net Increase /(Decrease ) in cash / bank balance ( IV - V- VI )
XI	Add opening cash & Bank balance
XII	Closing Cash & Bank balance (VII+VIII)

Note: Reconciliation between audited accounts and amour

Technopark Thiruvananthapuram

Ref	Previous Year	Previous Year	Remarks	
Kei	2013-14	2012-13	Kemarks	
3	4	5	6	
	-69.67	<i>-</i> 790.65		


its for distribution business should be furnished.