BEFORE THE HON'BLE GUJARAT ELECTRICITY REGULATORY COMMISSION AT GANDHINAGAR

Filing No. _____

Case No. 2034/2021

IN THE MATTER OF Filing of Petition under Section 62 and 64 of the Electricity Act, 2003 read with all the applicable Regulations, under the GERC (Multi Year Tariff) Regulations, 2016 for (i) Truing up of FY 2020-21 (ii) Determination of ARR for FY 2022-23; and (iii) Determination of tariff for FY 2022-23 for its Distribution business of Surat Supply Area

AND

IN THE MATTER OF Torrent Power Limited
"Samanvay", 600, Tapovan,
Ambawadi, Ahmedabad – 380 015

……..PETITIONER

THE PETITIONER ABOVE NAMED RESPECTFULLY SUBMITS AS UNDER

Torrent Power Limited, hereinafter referred to as the "Petitioner" or "TPL", files the petition for Truing up of FY 2020-21, Determination of ARR for FY 2022-23, and Determination of tariff for FY 2022-23 for its Distribution business of Surat Supply Area which is hereinafter referred to as TPL-D (S) or Surat Supply Area for the sake of brevity.

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LIST OF ABBREVIATION

Sl. No.	Abbreviation	Expansion
1	ATE/ APTEL	Appellate Tribunal for Electricity
2	ARR	Aggregate Revenue Requirement
3	BHP	Brake Horse Power
4	BPL	Below Poverty Line
5	Capex	Capital Expenditure
6	CERC	Central Electricity Regulatory Commission
7	CSS	Cross Subsidy Surcharge
8	DoE	Diversion of Energy
9	DSM	Demand Side Management
10	EHV	Extra High Voltage
11	FPPPA	Fuel and Power Purchase Price Adjustment
12	FY	Financial Year
13	GERC	Gujarat Electricity Regulatory Commission
14	GFA	Gross Fixed Asset
15	HT	High Tension
16	HTMD	High Tension Maximum Demand
17	HV	High Voltage
18	IT	Information Technology
19	kV	Kilo Volt
20	KW	Kilo Watt
21	LTMD	Low Tension Maximum Demand
22	LT	Low Tension
23	MU	Million Units
24	MW	Mega Watt
25	MYT	Multi Year Tariff
26	MTR	Mid Term Review
27	NTCT	Night Time Concession Tariff
28	OA	Open Access
29	O&M	Operation and Maintenance
30	PBT	Profit Before Tax
31	PF	Power Factor
32	PPC	Power Purchase Cost
33	REC	Renewable Energy Certificate
34	RGP	Residential General Purpose
35	RoE	Return on Equity
36	RPO	Renewable Power Purchase Obligation

Sl. No.	Abbreviation	Expansion
37	SD	Security Deposit
38	SLC	Service Line Charges
39	SLDC	State Load Despatch Center
40	TOU	Time Of Use
41	TPL	Torrent Power Limited
42	TPL - D	TPL Distribution
43	TPL - G (APP)	TPL - G (Ahmedabad Power Plant)
44	TPL - G	TPL Generation
45	T&D	Transmission & Distribution
46	UI	Unscheduled Interchange

Chapter 1: Introduction

Company Profile

1.1 Torrent Power Limited is a Company incorporated under the Companies Act, 1956. TPL supplies electricity as distribution licensee in accordance with the provisions of the Electricity Act, 2003. The business of distributing electricity in the Ahmedabad/Gandhinagar and Surat license area is hereinafter referred to as TPL-D for the sake of brevity.

1.2 The Petitioner submits that present petition is being filed for its distribution business of Surat supply area, hereinafter referred to as TPL-D(S) or Surat Supply Area.

Background to Multi Year Tariff Filing

1.3 The Hon'ble Commission has notified the GERC (Multi Year Tariff) Regulations, 2016 (hereinafter referred to as the MYT Regulations, 2016) for the control period of FY 2016-17 to FY 2020-21.

1.4 In accordance with the MYT Regulations, 2016, the Hon'ble Commission has approved the ARR for Surat supply area for the Control Period of FY 2016-17 to FY 2020-21 vide its Order dated 9th June 2017 in Case No. 1628/2016.

1.5 Subsequently, the Hon'ble Commission has approved the revised ARR for Surat supply area for the Control Period of FY 2019-20 & FY 2020-21 in the mid-term review (MTR) vide its Order dated 24th April, 2019 in Case No. 1765/2018.

1.6 Pursuant to the above, the Hon'ble Commission vide its order dated 24th September, 2021 has directed the utilities to file the petition for truing up of FY 2020-21, ARR of FY 2022-23, and determination of tariff of FY 2022-23 as per the provisions of the MYT Regulations, 2016.

Requirement of Truing up and Determination of Tariff

1.7 The Regulation 16.2 (iii) of the MYT Regulations, 2016 provides for the truing up of previous year's expenses and revenue based on audited accounts vis-à-vis the approved forecast and categorization of variation in performance as those caused by factors within the control of the applicant (controllable factors) and those caused by factors beyond the control of the applicant (uncontrollable factors).

1.8 The Regulation 16.2 (vi) of the MYT Regulations, 2016 provides for the annual determination of tariff for Distribution licensee for each financial year within the Control Period based on the approved forecast and results of the truing up exercise.

Approach adopted for Present Petition

1.9 The Petitioner submits the present petition for determination of ARR of FY 2022-23 including Truing Up of FY 2020-21 for its distribution business of Surat Supply Area.

1.10 The petition includes the forecast of the expenses during FY 2022-23 for distribution business of Surat Supply Area in line with the provisions of the MYT Regulations, 2016. The True-up exercise has been carried out based on the actual performance for FY 2020-21 including identification of variation in cost items on account of controllable/ uncontrollable factors and sharing of gains/losses based on the MYT Regulations, 2016.

1.11 The Petitioner has proposed determination of tariff for FY 2022-23 based on Trued up Gap/ (Surplus) of FY 2020-21, recovery of carrying cost, and estimated Gap/ (Surplus) of FY 2022-23 considering the estimated ARR of FY 2022-23 and the revenue at existing tariff.

1.12 The Petitioner submits that the present petition is being filed without prejudice to the matters pending before the Hon'ble ATE/Hon'ble GERC and the claims, contentions and submissions of the Petitioner in relation to various sub judice matters.

Petition Structure

1.13 The Petitioner files the petition for ARR of FY 2022-23, Truing Up of FY 2020-21 and determination of tariff for FY 2022-23. The true-up of FY 2020-21 includes the analysis of cost items amongst the controllable/uncontrollable factors and sharing of gains/losses and the proposal for recovery of cumulative gap/ (surplus).

1.14 The petition includes the following Chapters. A brief outline of the content of each chapter is provided below:

a) Chapter 1 contains the introductory information to the petition and background of the petition filing.

b) Chapter 2 contains the executive summary including a synopsis of the Petition.
c) Chapter 3 covers true-up exercise for FY 2020-21 and identification of controllable/un-controllable costs.
d) Chapter 4 covers the sharing of gains/losses based on the factors identified as controllable & uncontrollable.
e) Chapter 5 contains the ARR for FY 2022-23.
f) Chapter 6 contains the segregation of ARR in wheeling & retail supply business.
g) Chapter 7 contains gap/ (surplus) analysis.
h) Chapter 8 contains the Tariff proposal for FY 2022-23.
i) Chapter 9 contains the compliance to the directives issued by the Hon'ble Commission in the past orders.
j) Chapter 10 contains the prayers to the Hon'ble Commission.

Chapter 2: Executive Summary of the petition

2.1 As per the provisions of the MYT Regulations, 2016, the Petitioner is filing this petition before the Hon'ble Commission for approval of:

a) Truing up of ARR for FY 2020-21 and sharing of gains/losses on account of controllable/un-controllable factors,

b) Determination of ARR for FY 2022-23,

c) Determination of Gap/(Surplus) for FY 2022-23, and

d) Determination of tariff for FY 2022-23

True Up for FY 2020-21

2.2 The Hon'ble Commission had approved the revised ARR for FY 2020-21 for TPL-D (S) as per the MTR order dated 24th April, 2019 vide Case No. 1765/2018. This was based on the revised projections for FY 2020-21. The ARR approval is subject to truing up based on the actual data for FY 2020-21.

2.3 The Petitioner, for the purpose of truing up in accordance with the MYT Regulations, 2016, is submitting this petition on the basis of the Hon'ble Commission's MTR order dated 24th April, 2019 in Case No. 1765/2018.

2.4 The Petitioner has considered the following parameters for truing up of ARR:

a) Variation in power purchase cost due to variation in power purchase mix, quantity and price.

b) Variation in fixed cost such as O&M expense, interest expenses, Depreciation, Return on Equity, Bad debts written off, Income Tax, and Non-Tariff Income.

c) Sharing of gains/ losses considering controllable & uncontrollable factors.

2.5 The energy requirement is based on the actual sales and the actual T&D losses for FY 2020-21. The sale for Surat Supply Area was 2,603.54 MU. The actual distribution loss achieved for FY 2020-21 was 4.06%.

2.6 The trued up ARR has been arrived at by considering the actual expenses vis-à-vis approved expenses as per the MTR order dated 24th April, 2019 vide Case No. 1765/2018. The variation in power purchase cost on account of price, quantity and mix is uncontrollable and passed on in the ARR. However, the variation in expenses

to the extent of variation in efficiency parameter is controllable and a portion of the gain/loss is to be added to the approved ARR based on the sharing of gains/losses mechanism specified in the MYT Regulations, 2016. The increase in distribution loss is treated in accordance with the MYT Regulations, 2016.

2.7 The fixed cost items of Surat Supply Area, such as, O&M expenses, Interest expense, Depreciation, Bad debts, Return on Equity, Income Tax and Non-Tariff Income is trued-up based on the classification of controllable/un-controllable factors for each item head as applicable. Accordingly, the sharing of gains/losses has been arrived at and the trued-up ARR is worked out. The trued-up ARR thus worked out is shown in the table below:

Table 1: True-Up of ARR of Surat Supply Area for FY 2020-21

All figures in Rs. Crore		
ARR as per MTR order	(a)	2,109.03
Gains/ (Losses) due to Uncontrollable Factors	(b)	268.98
Gains/ (Losses) due to Controllable Factors	(c)	6.83
Pass through as Tariff	d= -(b+1/3rd of c)	(271.26)
Trued Up ARR	e=a+d	1,837.78

2.8 The Petitioner would like to state that the revenue towards recovery of earlier years' approved Gap/ (Surplus), has been considered Rs. 139.96 Crore as per the Hon'ble Commission's order dated 31st March, 2020.

2.9 The summary of the gap/ (surplus) for Surat Supply area for FY 2020-21 is shown in the table below.

Table 2: Revenue Gap/ (Surplus) for Surat Supply Area for FY 2020-21

All figures in Rs. Crore	**Actual**
Trued-up ARR	1,837.78
Revenue from Sale of Energy	1,885.70
Less: Revenue towards recovery of Earlier Years' approved Gap/(Surplus)	139.96
Balance Revenue	**1,745.74**
Gap/ (Surplus)	**92.04**

2.10 The Petitioner requests the Hon'ble Commission to approve the ARR & revenue gap/(surplus) as per the computation provided hereinabove.

ARR for FY 2022-23

2.11 The Hon'ble Commission vide its order dated 24th September, 2021 has directed the utilities to file the petition for ARR of FY 2022-23 and determination of tariff for FY 2022-23 based on the principles and methodology as provided in the MYT Regulations, 2016. Accordingly, the Petitioner is submitting this petition for approval of the Aggregate Revenue Requirement and determination of tariff for TPL-D (S) for FY 2022-23 as per the provisions of the MYT Regulations, 2016.

2.12 The ARR estimation is based on the assumptions as outlined hereunder:

a. The energy sales forecast has been done based on the consideration of existing trends, likely scenario, conversion of residential & industrial units to commercial units, and shifting of industrial consumers due to environmental norms and associated additional cost. Further, the negative impact of COVID-19, as presently known, as well as Rooftop Solar have been duly factored. In this background, TPL has projected the sales based on 5 year CAGR to reflect the current trend of growth.

b. The distribution loss and O&M Expenses have been considered as a continued trajectory for Surat Supply Area for the Control Period upto FY 2022-23 as per the methodology prescribed in MYT Regulations 2016 read with earlier orders and by factoring in the existing trend.

c. The energy requirement is proposed to be met from TPL – G (APP), SUGEN, UNOSUGEN, Renewable Energy Sources, Bilateral, and Power Exchange.

d. The Renewable Purchase Obligation (RPO) is essentially proposed to be met through the purchase of power generated from tied up capacity of renewable sources.

e. The capital expenditure of Surat Supply Area includes Rs. 100.34 Crore in EHV expenditure schemes, Rs. 53.49 Crore in HV expenditure schemes, Rs. 38.86 Crore in LT network expenditure schemes, Rs. 103.30 Crore towards Special projects and a balance of Rs. 23.99 Crore in metering, customer care & IT, PSC, etc.

f. Depreciation, interest on loans, interest on working capital, ROE, etc. have been computed as per the applicable Regulations.

The ARR thus computed for Surat Supply Area for FY 2022-23 is shown in the table below.

Table 3: ARR of Surat Supply Area for FY 2022-23

All Figures in Rs. Crores	FY 2022-23
Power Purchase	1,973.58
O&M expenses	154.48
Depreciation	80.78
Interest on loans	30.38
Interest on working capital	-
Interest on SD	15.01
Bad debts	0.51
Contingency reserve	0.40
RoE	107.26
Income Tax	35.95
Less: Non-tariff income	18.43
ARR	**2,379.92**

Revenue Gap/ (Surplus) for FY 2022-23

2.13 The revenue from sale of power has been computed considering the sales & existing tariff rates for different category of consumers which are detailed out in the respective formats including the FPPPA.

2.14 The Petitioner further submits that in the True up for FY 2019-20 and Determination of Tariff Order for FY 2021-22, the Hon'ble Commission has approved the base Power Purchase Cost at Rs. 4.85 per kWh and base FPPPA at Rs. 1.38 per kWh. As per approved FPPPA formula, any increase in power purchase cost during the year over and above base power purchase cost of Rs. 4.85 per kWh is to be recovered through FPPPA over and above base FPPPA of Rs. 1.38 per kWh on quarterly basis. As per projected ARR for FY 2022-23, the weighted average power purchase cost is worked out to Rs. 5.63 per kWh as against base power purchase cost of Rs. 4.85 per kWh. Thus, the incremental power purchase cost of Rs. 0.84 per kWh for FY 2022-23 (i.e. increase in power purchase cost grossed up by T&D losses) will be recovered through FPPPA. Therefore, estimated revenue from FPPPA for FY 2022-23 is considered at

revised base FPPPA of Rs. 2.22 per kWh (i.e. grossing up by T&D losses). Accordingly, the projected Revenue from sale of power is as under:

Table 4: Revenue from Sale of Power in FY 2022-23

All Figures in Rs. Crores	FY 2022-23
Surat Supply Area	2,388.09

2.15 The gap/ (surplus) is arrived at for FY 2022-23 by considering the revenue from sale of power including revenue from the base FPPPA. The summary of revenue gap/ (surplus) for FY 2022-23 is shown in the following table.

Table 5: Revenue Gap/ (Surplus) of Surat Supply for FY 2022-23

All figures in Rs. Crore	
ARR	2,379.92
Less:	
Revenue from sale of power at existing tariff rates including base FPPPA revenue @Rs. 2.22 per unit	2,388.09
Gap/ (Surplus)	**(8.17)**

The Petitioner submits to the Hon'ble Commission to consider the gap/ (surplus) as proposed by it.

2.16 As per the GERC (Demand Side Management) Regulations, 2012, the Petitioner had formulated and submitted to the Hon'ble Commission a DSM Plan for the license areas of Ahmedabad, Gandhinagar and Surat. The Hon'ble Commission has approved Rs. 5.70 Crore for Surat supply area. In this regard, the Petitioner has not incurred any expense during FY 2020-21 including expense towards the DELP program. Regarding the DSM Plan for the period starting from FY 2022-23, the Petitioner shall approach the Hon'ble Commission separately.

2.17 The Petitioner has calculated carrying cost as per the methodology approved/ specified by the Hon'ble Commission. The Petitioner, therefore, requests the Hon'ble Commission to consider such outstanding amount in addition to the Gap/ (Surplus) of FY 2020-21 along with carrying cost as per the methodology approved/specified by the Hon'ble Commission.

2.18 Based on above, the total gap thus arrived at is Rs. 108.74 Crore. The summary of revenue gap for determination of tariff FY 2022-23 is shown in the following table.

Table 6: Cumulative Revenue Gap/(Surplus) for determination of tariff of Surat Supply Area for FY 2022-23

All figures in Rs. Crore	
Gap/ (Surplus) of FY 2020-21	92.04
Carrying Cost	24.87
DSM	-
Gap/ (Surplus) of FY 2022-23	(8.17)
Cumulative Gap/ (Surplus) to be recovered through tariff	**108.74**

2.19 The Petitioner submits that part of the cumulative gap of Rs. 108.74 Crore is arising mainly on account of past years' under-recovery. Therefore, the Petitioner proposes to recover the same by way of a Regulatory Charge at the rate of Rs. 0.17 per unit w.e.f. 1st April, 2022 over a period of two years with necessary adjustment of cost due to deferment of recovery.

2.20 It may kindly be noted that the Petitioner's tariff was last increased in the year 2015-16. Since then, despite the overall inflationary pressures in general, the Petitioner has been managing its costs largely through operational efficiencies. For FY 2022-23, the Petitioner is proposing to recover the past-period under-recoveries through a Regulatory Charge. The approval of Regulatory Charge is essential so as to liquidate under recoveries and enable the Petitioner to maintain and further improve its high standards of quality, reliability and customer services.

2.21 Further, the Petitioner proposes to recover the Gap/Carrying cost for matters pending with Hon'ble GERC / APTEL by way of Regulatory Charge.

2.22 The Petitioner would like to submit that it is in receipt of representation regarding introduction of "Green Tariff" in its license areas. However, the methodology for determination of "Green Tariff" is required to be determined by the Hon'ble Commission. Hence, for FY 2022-23, the Petitioner proposes "Green Tariff" of Rs. 0.50 per unit in line with the existing "Green Tariff" decided for Deendayal Port Trust.

Prayers

2.23 The Petitioner is filing the present petition for Truing up of FY 2020-21, Determination of Aggregate Revenue Requirement (ARR) for FY 2022-23, and determination of tariff for FY 2022-23 for its Distribution business of Surat Supply area.

2.24 In view of the facts and circumstances, the Petitioner prays to the Hon'ble Commission that it may be pleased to:

a) Admit the petition for truing up of FY 2020-21, Aggregate Revenue Requirement for FY 2022-23, and determination of tariff for FY 2022-23.

b) Approve the trued up Gap/ (Surplus) of FY 2020-21 including impact of change in law as set out in the petition.

c) Approve the sharing of gains/ losses as proposed by the Petitioner for FY 2020-21.

d) Approve the Aggregate Revenue Requirement for FY 2022-23.

e) Approve the cumulative Gap/ (Surplus).

f) Approve the wheeling ARR and corresponding charges for wheeling of electricity with effect from 1st April, 2022.

g) Approve the recovery of Regulatory Charge as proposed and/or through retail tariff of FY 2022-23.

h) Allow recovery of the costs as proposed as per the Judgments/ orders of the Hon'ble Tribunal/ Hon'ble Commission in the Appeals/ Review Petitions filed by the Petitioner.

i) Allow additions/ alterations/ changes/ modifications to the petition at a future date.

j) Permit the Petitioner to file all necessary pleading and documents in the proceeding and documents from time to time for effective consideration of the proceeding.

k) Allow any other relief, order or direction which the Hon'ble Commission deems fit to be issued.

l) Condone any inadvertent omissions/ errors/ rounding off difference/ shortcomings.

Chapter 3: True-up for FY 2020-21

3.1 The Hon'ble Commission had approved the revised ARR for FY 2020-21 for TPL-D (S) as per the MTR order dated 24th April, 2019 in Case No. 1765/2018. The ARR approval is subject to truing up based on the actual data for FY 2020-21.

3.2 In this section, the true up of FY 2020-21 has been proposed based on the actual performance of the business as per the MYT Regulations, 2016. The segregation of under/over recovery and attribution of variation to controllable & uncontrollable factors has been done with respect to the approved estimates for FY 2020-21.

3.3 The scope for truing up exercise is as specified in Regulation 21.3 of the MYT Regulations, 2016. The relevant extract of Regulations has been reproduced below for ready reference.

"The scope of the truing up shall be a comparison of the performance of the Generating Company or Transmission Licensee or SLDC or Distribution Licensee with the approved forecast of Aggregate Revenue Requirement and expected revenue from tariff and charges and shall comprise of the following:

a) a comparison of the audited performance of the applicant for the previous financial year with the approved forecast for such previous financial year, subject to the prudence check;

b) Review of compliance with directives issued by the Commission from time to time;

c) Other relevant details, if any."

3.4 For O&M expenses, it is proposed that the variation should be considered as controllable except specific variations due to changes in law and the factors beyond the control. For the Interest & Finance Charges, the applicable interest rates and actual level of capitalisation have to be taken into consideration. The variation in these costs needs to be attributed to the factors responsible for the variation which are uncontrollable and controllable. It is also possible that in respect of variation in one item head, part of variation could be due to uncontrollable factors and the other part (i.e. balance part) could be due to controllable factors.

3.5 Based on the above, the Petitioner prays to the Hon'ble Commission to allow the computation of controllable/uncontrollable costs and sharing of gains/losses as submitted by the Petitioner in the following Section.

Energy Sales to the Consumers

3.6 In the MTR petition, the Petitioner estimated the revised sales for the FY 2020-21 based on the 5 year CAGR on actual sales of FY 2017-18 while giving effect to existing scenario. The Hon'ble Commission in the MTR order has approved the energy sales as per the methodology followed by the Petitioner.

3.7 The actual sales in FY 2020-21 were lower than the sales approved in MTR Order mainly due to a combined effect of slowdown in industry and Covid-19 pandemic. Further, the installed capacity of solar rooftop has reached to about 32 MW as on 31st March, 2021, which also has an impact on sales. In this background, the major reasons for deviation in category-wise sales are enumerated hereunder:

a) The actual sales of RGP category is lower than the MTR approved sales. This is primarily due to migration of workers noticed in FY 2020-21 during Covid-19 related lockdown and slowing down of new housing projects along with an increase in solar rooftop installations.

b) Sales in Non RGP & LTMD category arise mainly from industrial and non-industrial consumers. The industrial consumers comprise of textile, diamond and embroidery segments whereas non-industrial consumers comprises of shops, showrooms and offices. During FY 2020-21, the actual sales for Non RGP & LTMD category is lower than the approved sales. This is primarily due to slowdown of industries, mainly textile and diamond industries, and Covid-19 related lockdown.

c) In HT category, the consumption is attributable to the industrial and commercial establishments, water works and pumping stations run by local authority, and temporary services. During FY 2020-21, the actual sales in HT industrial and commercial category were lower than the approved sales due to slowdown of industries and Covid-19 related lockdown. In case of HT water works and pumping stations, the sales is marginally higher due to addition in water work services. Further, during FY 2020-21, there were no HT-temporary services.

d) Sales in Others category include sales of GLP, Agriculture and LT Temporary

categories. During FY 2020-21, the actual sales are lower than approved due to the prevailing situation.

3.8 The MYT Regulations, 2016 specifies that the variation in quantities of electricity supplied to the consumers is attributed as uncontrollable factor. Therefore, the Petitioner requests the Hon'ble Commission for the truing up of actual sales as shown in the table below.

Table 7: Energy Sales to Consumers for Surat Supply Area in FY 2020-21 (In MU)

Category	MTR Order	Actual
RGP	918.39	764.72
Non RGP	1,267.46	850.31
LTMD	923.53	659.78
HT	367.20	307.70
Others	27.26	20.70
DoE Units	-	0.34
Total Sales	**3,503.84**	**2,603.54**

Distribution Loss

3.9 The Petitioner has been making consistent efforts to maintain the distribution losses at lower levels in its license area. The Petitioner submits that the losses are operating in range-bound manner at such a lower level.

3.10 The achievement/deviation from the approved values is shown in the table below.

Table 8: True-Up of Distribution Loss of Surat Supply Area (In %)

Particulars	MTR Order	Actual
Distribution Loss	3.59%	4.06%

3.11 The Petitioner submits that the variation in the distribution loss compared to the approved value may be considered accordingly.

Energy Requirement

3.12 Based on the actual energy sales and the transmission & distribution loss units, the actual energy requirement for Ahmedabad and Surat license area has been furnished below. The total energy requirement was met through various sources as described in the subsequent section.

Table 9: Energy Requirement of TPL-D for FY 2020-21
(All figures in MU except mentioned otherwise)

Particulars	MTR Order	Actual
Ahmedabad Supply Area		
Energy Sales	8,481.00	6,947.42
Distribution loss (in %)	6.55%	6.03%
Distribution loss	594.44	445.57
Energy input at distribution level	9,075.44	7,392.99
220 kV/Transmission loss	42.86	17.86
Energy Requirement (A)	9,118.30	7,410.85
Surat Supply Area		
Energy Sales	3,503.84	2,603.54
Distribution loss (in %)	3.59%	4.06%
Distribution loss	130.47	110.24
Energy input at distribution level	3,634.31	2,713.77
220 kV/Transmission loss	28.94	21.95
Energy Requirement (B)	3,663.25	2,735.73
Total Energy Requirement (A + B)	**12,781.55**	**10,146.57**

Energy Availability

3.13 TPL-D sourced power collectively for its Ahmedabad and Surat license area from TPL-G (APP), SUGEN, UNOSUGEN, Renewable Energy and other sources such as bilateral purchase/power exchange. The source-wise power procured for TPL-D is provided in the table below.

Table 10: Power Purchase for FY 2020-21 for TPL-D (In MU)

Energy Sources	MTR Order	Actual
TPL - G (APP)	2,600.81	1,285.26
SUGEN	6,160.69	5,623.54
UNOSUGEN	-	1,740.94
Bilateral	201.97	77.03
Power Exchange	1,817.99	245.97
Renewables	2,000.31	1,118.39
Sub-Total	**12,781.77**	**10,091.14**
Add: Sale of surplus power/UI/	-	55.43

Energy Sources	MTR Order	Actual
Wind Setoff		
Total	**12,781.77**	**10,146.57**

3.14 During FY 2020-21, overall lower offtake is mainly on account of reduction in power requirement due to lower sales resulting from COVID-19 related lockdown imposed during FY 2020-21.

3.15 During FY 2020-21, the Petitioner has sourced power from TPL-G(APP), SUGEN, UNOSUGEN, Renewables and bilateral sources. Balance requirement has been fulfilled through procurement of top up power from power exchange.

Power Purchase

3.16 The quantum of power purchase depends on energy sales and distribution loss and the mix of power purchase depends on availability & cost of different sources at a point of time. Therefore, the Hon'ble Commission has also classified it as uncontrollable item except for the variation in distribution loss level. The actual power purchase for FY 2020-21 is provided in the table below and compared with the approved power purchase.

3.17 The variation in the power purchase cost from the MTR order is on account of variation in sales & distribution losses, variation in actual cost with respect to the base rate along with purchase of power from short-term sources to meet the shortfall during the year.

3.18 The variation in power purchase cost is uncontrollable except on account of variation in distribution losses and hence the same needs to be allowed as per Regulations in truing up exercise.

Table 11: Power Purchase Cost for TPL-D Supply Area in FY 2020-21

All figures in Rs. Crore	MTR Order	Actual
TPL - G (APP)	1,147.27	743.14
SUGEN	3,249.29	3,108.63
UNOSUGEN	-	804.10
Bilateral	62.13	30.34
Power Exchange	823.55	112.90
Renewables	806.82	659.59
Total	**6,089.06**	**5,458.70**

3.19 TPL-D submits that power purchase for its Ahmedabad & Surat license areas has been carried out on collective basis and total power purchase cost has been apportioned between Ahmedabad & Surat on the basis of usage of power. Accordingly, the allocated power purchase cost for Surat Supply area is Rs. 1,471.78 Crore for FY 2020-21.

Renewable Power Purchase Obligation

3.20 The Petitioner submits that Regulation 4.1 of the GERC (Procurement of Energy from Renewable Energy Sources) Regulation, 2010 specifies the Renewable Power Purchase Obligation (RPPO). Subsequently, the Hon'ble GERC vide its notification no. 1 of 2018 notified the GERC (Procurement of Energy from Renewable Sources) (Second Amendment) Regulations, 2018 specifying RPPO for the period FY 2017-18 to 2020-21. TPL-D has made all efforts to fulfil its RPPO.

3.21 The renewable energy requirement and renewable energy sourced for FY 2020-21 is as under:

Table 12: Renewable Power Purchase Obligation for FY 2020-21

Particulars	MU
Energy Requirement	10,146.57
RE Procurement	
Wind energy to be procured (@8.15%)	826.95
Solar energy to be procured (@6.75%)	684.89
Biomass/Bagasse/Others (@0.75%)	76.10
Total (15.65%)	1,587.94
Compliance (Non-Solar)	
Wind	833.49
Non-Solar REC	-
Compliance	833.49
Compliance (as % of Energy Requirement)	8.21%
Compliance (Solar energy)	
Solar	461.66
Solar-REC	-
Compliance	461.66
Compliance (as % of Energy Requirement)	4.55%

3.22 The Petitioner has approached the Hon'ble Commission in the matter of revision of minimum quantum of purchase (in %) from renewable energy sources for the year FY 2020-21 in accordance with the RPO Regulations vide its Petition no. 2020 of 2021.

Fixed Cost

Operation & Maintenance (O&M) expenses

3.23 The actual O&M expenses considered for true up vis-a-vis the approved has been provided in the table below.

Table 13: O&M Expenses of Surat Supply Area in FY 2020-21

All figures in Rs. Crore	MTR Order	Actual
Operation & Maintenance Expenses	140.94	127.03

3.24 The actual O&M expenses of Surat supply area are lower than the MTR order. The Petitioner submits that the variation in O&M expenses should be considered as controllable except due to changes in law and the factors beyond the control.

3.25 The Government of India issued a Notification dated 29th March, 2018, amending the Payment of Gratuity Act, 1972, inter alia increasing ceiling of gratuity to Rs. 20 lakhs from Rs. 10 lakhs. Prior to the amendment of the Payment of Gratuity Act, 1972 vide the Notification dated 29th March 2018; the upper ceiling on gratuity amount payable under the Act was Rs. 10 lakhs. Pursuant to the amendment the ceiling has been raised to Rs. 20 lakhs. Thus, the employee cost has increased due to the amendment in the Payment of Gratuity Act, 1972. The Petitioner therefore submits that the said notification is a change in law in terms of Regulations 2(15) of the MYT Regulations, 2016 and has resulted in the increase in Employee Cost by Rs. 0.64 Crore for FY 2020-21. The Petitioner would like to further submit that it has excluded the expenses for identified employees who are part of the implementation of SURYA scheme in its license area.

3.26 The Petitioner requests the Hon'ble Commission to consider the increase in O&M expenses on account of change in law as uncontrollable and allow gains/ loss accordingly as proposed at Chapter 4 herein below.

Capital Expenditure

3.27 The Hon'ble Commission in its MTR order dated 24th April, 2019 in Case No. 1765/2018 had approved capital expenditure of Rs. 176.64 Crore for FY 2020-21.

3.28 The capital expenditure incurred by Surat Supply Area in FY 2020-21 is Rs. 112.96 Crore. Summary of the capital expenditure incurred are provided in the following table.

Table 14: Capital Expenditure for Surat Supply Area in FY 2020-21

All figures in Rs. Crore	MTR Order	Actual
EHV	85.14	49.56
HT Network	36.81	21.74
LT Network	23.76	16.68
Special Projects	2.86	16.20
Civil Related work	0.25	1.42
Meter Management	19.40	4.52
Customer care	1.09	-
IT	2.09	1.64
Miscellaneous	5.24	1.20
Total	**176.64**	**112.96**

3.29 The details of actual capital expenditure and reasons for the major variances in the actual expenditure against the approved expenditure are enumerated hereunder:

a) EHV – The Hon'ble Commission had approved the capital expenditure of Rs. 85.14 Crore for EHV. In this regard, the Petitioner has incurred the expenditure of Rs. 49.56 Crore. The major variation is on account of the following:

- New 220 kV EHV SS: The project for commissioning of 220 kV C-GIS along with 220 kV & 66 kV inter-connectivity was initiated in FY 2017-18. During FY 2020-21 expenditure has been incurred towards work of (i) 220 kV connectivity between FGIS – CGIS alongwith GIS bay, control panel and associated accessories, and (ii) 66kV connectivity between C-A station.

- 220 kV connectivity with GETCO: During MTR exercise, 220 kV cable connectivity with GETCO was proposed to ensure reliability of power supply to TPL-D (Surat). In this regard, technical proposal for 220kV GETCO connectivity is under evaluation and shall be submitted to GETCO

for finalization. In turn, capex shall be incurred as per finalized scheme.

- 220 kV EHV Line/ Cable: During FY 2020-21, capex has been incurred towards replacement of 220kV tower accessories.

- New 66 kV substation: During the MTR, the Petitioner had proposed to establish new 66 kV substation at Katargam and Bhatena. In turn, formalities for land procurement for Katargam has been completed during FY 2020-21 and substation work is proposed to be completed by FY 2022-23. Whereas, for Bhatena, appropriate land is yet to be finalised.

- Additional 66 kV connectivity to cater to load growth: Considering the peak loading of 66kV incoming source and looking to difficulty in load transfer in case of fault, additional 66 kV connectivity schemes were proposed during MYT. In turn, work on additional 66 kV cable connectivity between Puna-K has been initiated in FY 2020-21. However, work on 66 kV Connectivity between Bhatar - H S/C Cable had to be rescheduled.

- Augmentation / Replacement of Power Transformer & ICT: Under this head, expenditure is incurred for Augmentation / Replacement of Power Transformer & ICT related to protection relay of Power Transformer. During FY 2020-21, expenditure has been incurred for power transformer at F2 substation under this head.

- Replacement & Renovation in existing EHV Substation: Capex has been incurred towards renovation and replacement of various equipments in EHV sub-stations.

- Supporting Infrastructure: Under this head, expenditure is incurred towards various supporting infrastructure. During FY 2020-21, major expenditure incurred is towards ABT system upgradation.

b) HT – The Hon'ble Commission had approved the capital expenditure of Rs. 36.81 Crore for HT network. In turn, the actual expenditure incurred was Rs. 21.74 Crore. The details of actual capital expenditure and reason for variation are on account of (i) Delay in new feeder installation work for New 66 kV Katargam SS

due to delay in land procurement, (ii) Less number of Distribution Substation Automation carried out due to pandemic situation of Covid-19, (iii) Less number of new distribution substations due to lesser requirement owing to pandemic situation of Covid-19, and (iv) Lower requirement of Distribution Transformer upgradation based on loading condition. During FY 2020-21, expenditure was incurred towards activities for enhancing safety, such as, conversion from Oil Type Distribution Transformer to Dry Type Distribution Transformer, Oil Type Ring Main Unit to SF6 Ring Main Unit, and earthing revamping of DSS based on earthing measurement.

c) LT – The Hon'ble Commission had approved the capital expenditure of Rs. 23.76 Crore for LT network. In turn, the actual expenditure was Rs. 16.68 Crore mainly due to lower number of applications received. Under this head, expenditure has also been incurred towards LT network development and modification and replacement of deteriorated, aged and unsafe MSP.

d) Meter Management – The Hon'ble Commission had approved capital expenditure pertaining to Metering of Rs. 19.40 Crore. The details of actual capital expenditure and reason for variation are on account of (i) Lower quantum of meter requirement for installation than estimated, (ii) Deferment of modernisation of laboratory and storage system, and (iii) Deferment of automatic metering infrastructure.

e) Special Projects – The Hon'ble Commission had approved capital expenditure of Rs. 2.86 Crore towards special projects. In this regard, the deviation in actual expenditure is due to rescheduling of execution of substores with Power Supply Centers. During FY 2020-21, expenditure of Rs. 16.20 Crore has been incurred towards (i) Infrastructure facilities at PSC based on revised comprehensive design, (ii) Geographic Information System, and (iii) Activities for enhancement of safety of Central Store like smoke detectors.

f) Others – The Petitioner has incurred a capex of Rs. 1.64 Crore for hardware & software under the head of IT and communication. It has also incurred capex of Rs. 1.42 Crore under the head of Civil Works towards civil related work for offices and storage system. Further, capex of Rs. 1.20 Crore is primarily incurred towards

fire safety measures and office equipment. It may kindly be noted that capex under the head of Customer Care has been deferred.

The details of capitalisation is as under:

Table 15: Capitalization for Surat Supply Area in FY 2020-21

All figures in Rs. Crore	MTR Order	Actual
Opening GFA	1,926.34	1,920.37
Addition to GFA	167.92	119.58
Deletion from GFA	-	6.51
Closing GFA	2,094.26	2,033.44
SLC Addition	7.75	9.19

Interest Expenses

3.30 The Petitioner submits that the MYT Regulations, 2016 provides for the calculation of interest expenses on normative basis considering the amount of depreciation of assets as the amount of repayment.

3.31 The Petitioner has considered the interest expenses as per the MYT Regulations, 2016 on normative loans. Reduction of normative loan due to deduction in GFA is derived at Rs. (0.37) Crore after considering depreciation on account of deduction of Rs. 4.93 Crore and reduction in equity of Rs. 1.95 Crore. The Petitioner has calculated the interest expenses by applying Weighted Average Rate of interest of the actual loan portfolio of the Petitioner during the year on the loan component while repayment has been considered equal to the depreciation of the assets for the year.

3.32 The eligible interest expenses for FY 2020-21 are shown in the table below.

Table 16: Interest Expense for TPL-D (S)

All figures in Rs. Crore	MTR Order	Actual
Opening balance of loans	348.30	329.96
Less: Reduction of normative loan due to retirement or replacement	-	(0.37)
Addition of loan	112.12	77.27
Repayment during the year	57.87	67.80
Closing balance of loans	402.55	339.81
Average loan	375.43	334.89
Weighted average rate of interest (%)	8.54%	7.94%
Interest Expense	**32.06**	**26.59**

All figures in Rs. Crore	MTR Order	Actual
Other Borrowing Cost	-	0.16

3.33 The total allowable interest expenditure is furnished in the following table for the consideration of the Hon'ble Commission.

Table 17: Total Interest Expense for Surat Supply Area in FY 2020-21

All Figures in Rs. Crore	MTR Order	Actual
Interest Expenses	32.06	26.75

3.34 The Petitioner requests the Hon'ble Commission to approve the above mentioned interest expenses. The variation in interest expenses compared to the approved expenses is to be treated as uncontrollable, as it depends on the quantum of actual capitalization and the variation in the interest rates.

Interest on Security Deposit

3.35 The Hon'ble Commission in its MTR order had approved the interest on security deposit for the Petitioner considering 6.25% interest rate on the average estimated balance of security deposit for FY 2020-21.

3.36 The actual interest expense on security deposit considering the rate of interest of 4.65% paid to consumers based on Bank Rate is submitted in the table below for the approval of the Hon'ble Commission.

Table 18: Interest on Security Deposit of Surat Supply Area for FY 2020-21

All Figures in Rs. Crore	MTR Order	Actual
Interest Rate	6.25%	4.65%
Interest on Security Deposit	19.34	14.46

3.37 The Petitioner submits that the variation in security deposit amount and the variation in interest rate are uncontrollable. Hence, the variation in interest on security deposit compared to the approved expenses is to be treated as uncontrollable.

Interest on Working Capital

3.38 The working capital requirement is arrived at as per the MYT Regulations, 2016. The

revised computation is provided in the table below for the approval of the Hon'ble Commission.

Table 19: Interest on Working Capital of Surat Supply Area for FY 2020-21

All Figures in Rs. Crore	MTR Order	Actual
O&M expense for 1 month	11.75	10.59
1 % of GFA for maintenance spares	19.26	19.20
Receivables for 1 month	175.79	157.14
Less: Security Deposit	309.48	324.64
Working Capital Requirement	-	-
Interest Rate (%)	10.65%	9.57%
Interest on Working Capital	-	-

3.39 The Petitioner submits that the variation in working capital requirement is primarily on account of variation in actual receivables. Further, there is a variation in interest rate applicable to working capital requirement. The Petitioner would like to submit that the variation between the MTR approved interest on working capital and actual interest on working capital is mainly attributable to uncontrollable factors only. Accordingly, variation in Interest on Working Capital is to be treated as uncontrollable.

3.40 TPL-D (S) requests the Hon'ble Commission to approve the above mentioned interest on working capital.

Depreciation

3.41 The depreciation rates as per the CERC (Terms & Conditions of Tariff) Regulation, 2004 is applied on the opening GFA of FY 2009-10 and for addition of assets from 1st April, 2009 onwards depreciation has been computed at the rates specified in the GERC Regulations.

3.42 The total depreciation arrived at, as described above, is shown in the table below.

Table 20: Depreciation for Surat Supply Area in FY 2020-21

All Figures in Rs. Crore	MTR Order	Actual
Depreciation	57.87	67.80

3.43 The Petitioner requests the Hon'ble Commission to approve the depreciation as mentioned above. It further submits that the variation in depreciation amount compared to the approved amount is to be treated as uncontrollable.

Return on Equity

3.44 The closing balance of equity has been arrived at considering additional equity of 30% of the capitalisation during the year. The return on equity has been computed by applying a rate of 14% on the average of opening balance & closing balance of equity.

Table 21: Return on Equity (RoE) for Surat Supply Area in FY 2020-21

All Figures in Rs. Crore	MTR Order	Actual
Opening Equity	669.21	665.86
Equity portion of capitalisation during the year	48.05	33.12
Reduction in Equity capital on account of retirement/replacement of assets	-	1.95
Equity at the end of the year	717.26	697.02
Return on Equity at the beginning of the year	93.69	93.22
Return on Equity addition during the year	3.36	2.18
Total Return on Equity	**97.05**	**95.40**

3.45 The Petitioner requests the Hon'ble Commission to consider the variation in ROE as uncontrollable and allow the same for the purpose of truing up.

Income Tax

3.46 While passing the MTR Order, the Hon'ble Commission approved Rs. 39.68 Crore as income tax as per the actuals of FY 2017-18.

3.47 For FY 2020-21, the Petitioner has claimed the Income Tax based on the actual tax paid in proportion to the PBT of TPL-D(S). Hence, the total amount claimed under the head of income-tax is Rs. 35.95 Crore.

Table 22: Income Tax for Surat Supply Area in FY 2020-21

All Figures in Rs. Crore	MTR Order	Actual
Income Tax	39.68	35.95

3.48 The Petitioner requests the Hon'ble Commission to consider the variation in Income Tax as uncontrollable and allow the same for the purpose of truing up.

Bad debts written off

3.49 The Hon'ble Commission in its MTR order has approved the bad debts of Rs. 0.39 Crore on provisional basis for Surat supply area.

3.50 The Petitioner submits that it has written off bad debts of Rs. 0.56 Crore during the year.

Table 23: Bad debts written off for Surat Supply Area in FY 2020-21

All Figures in Rs. Crore	MTR Order	Actual
Bad debts written off	0.39	0.56

3.51 The MYT Regulations, 2016 provides that variation in bad debts written off is to be considered as controllable. The Petitioner has considered the entire variation in bad debts written off in FY 2020-21 as controllable for sharing of gains/losses in line with the Regulations.

Contingency reserve

3.52 The Hon'ble Commission had allowed token amount towards the contingency reserve for meeting the requirement of emergent circumstances.

3.53 Accordingly, the Petitioner has considered the approved values as shown in the table below.

Table 24: Contingency Reserve for Surat Supply Area in FY 2020-21

All Figures in Rs. Crore	MTR Order	Actual
Contingency Reserve	0.40	0.40

3.54 The Petitioner requests the Hon'ble Commission to approve the Contingency Reserve for the purpose of truing up.

Non-tariff Income

3.55 The Hon'ble Commission had approved non-tariff income of Rs. 23.85 Crore in the MTR Order. The actual non-tariff income considered for true-up is Rs. 6.90 Crore.

3.56 Further, in the previous control period, the Petitioner had considered treatment towards income and expense of bad debts on similar lines as per the Hon'ble APTEL judgement. Hence, the variation in recovery of bad debts was considered as controllable.

3.57 However, MYT Regulations, 2016 provides that variation in bad debts written off is to be considered as controllable while variation in bad debts recovery is to be considered as uncontrollable. The Petitioner has therefore considered the entire variation in bad debts recovery in FY 2020-21 as uncontrollable for sharing of gains/losses in line with the Regulations. However, the Petitioner requests the Hon'ble Commission to revisit the provisions related to bad debts recovery & expenses.

Table 25: Non-Tariff Income of Surat Supply Area in FY 2020-21

All Figures in Rs. Crore	MTR Order	Actual
Non-Tariff Income	23.85	6.90

3.58 The Petitioner submits that the variation in non-tariff income as detailed above has been considered as uncontrollable. Accordingly, it requests the Hon'ble Commission to allow the above variation in Non-Tariff Income as uncontrollable for the purpose of truing up.

Revenue Requirement of Surat Supply Area

3.59 The Aggregate Revenue Requirement for the Surat supply area is shown in the table below:

Table 26: True Up for Surat Supply Area for FY 2020-21

All Figures in Rs. Crore	MTR Order	Actual
Power Purchase	1,745.15	1,471.78
O&M expenses	140.94	127.03
Interest on loans	32.06	26.75
Interest on SD	19.34	14.46
Interest on working capital	-	-
Depreciation	57.87	67.80
Bad debts written off	0.39	0.56

All Figures in Rs. Crore	MTR Order	Actual
Contingency reserve	0.40	0.40
RoE	97.05	95.40
Income Tax	39.68	35.95
Less: Non-tariff income	23.85	6.90
ARR	**2,109.03**	**1,833.22**

3.60 The Petitioner requests the Hon'ble Commission to kindly approve the trued up ARR submitted hereinabove.

Chapter 4: Sharing of gains and losses for FY 2020-21

4.1 The Regulation 23 and 24 of the MYT Regulations, 2016 enumerates the mechanism for sharing of gains and losses on account of uncontrollable and controllable factors.

4.2 In case of uncontrollable factors, the gain and losses are entirely passed through as an adjustment in tariff. The relevant Regulation of the MYT Regulations, 2016 is reproduced below:

"23.1 The approved aggregate gain or loss to the Generating Company or Transmission Licensee or SLDC or Distribution Licensee on account of uncontrollable factors shall be passed through as an adjustment in the tariff of the Generating Company or Transmission Licensee or SLDC or Distribution Licensee over such period as may be specified in the Order of the Commission passed under these Regulations".

4.3 In case of controllable factors, the gains and losses are shared between the generating company / licensee and the consumer in the form of tariff adjustment. The relevant provision of the regulation is provided in this section. Also the mechanism adopted in this petition for sharing of gains & losses on account of controllable factors is as outlined in Regulation 24.1 & 24.2 of the MYT Regulations, 2016. The relevant extracts of the Regulations has been reproduced below for ready reference.

4.4 The mechanism for sharing of gains defined in Regulation 24.1 of the MYT Regulations, 2016 is as under:-

"The approved aggregate gain to the Generating Company or Transmission Licensee or SLDC or Distribution Licensee on account of controllable factors shall be dealt with in the following manner:

(a) One-third of the amount of such gain shall be passed on as a rebate in tariffs over such period as may be stipulated in the Order of the Commission under Regulation 21.6;

(b) The balance amount, which will amount to two-thirds of such gain, may be utilised at the discretion of the Generating Company or Transmission Licensee or SLDC or Distribution Licensee."

4.5 The mechanism for sharing of losses defined in Regulation 24.2 of the MYT

Regulations, 2016 is as under:-

"The approved aggregate loss to the Generating Company or Transmission Licensee or SLDC or Distribution Licensee on account of controllable factors shall be dealt with in the following manner:

(a) One-third of the amount of such loss may be passed on as an additional charge in tariffs over such period as may be stipulated in the Order of the Commission under Regulation 21.6; and

(b) The balance amount of loss, which will amount to two-thirds of such loss, shall be absorbed by the Generating Company or Transmission Licensee or SLDC or Distribution Licensee."

4.6 The Petitioner has compared the actuals for FY 2020-21 with the approved figures and has segregated the variation as controllable or uncontrollable based on the analysis mentioned hereinabove in the truing up section.

4.7 The comparison of various ARR items and the Revenue from the sale of power for Surat supply area and the gains/ losses due to controllable and uncontrollable factors have been summarised below:

Table 27: Controllable & Uncontrollable variations in Surat Supply Area for FY 2020-21

All Figures in Rs. Crore	FY 2020-21 (MTR Order)	FY 2020-21 (Actual)	Over/(Under) recovery	Controllable	Uncontrollable
Power Purchase	1,745.15	1,471.78	273.37	(7.55)	280.92
O&M expenses	140.94	127.03	13.91	14.55	(0.64)
Depreciation	57.87	67.80	(9.93)	-	(9.93)
Interest on loans	32.06	26.75	5.31	-	5.31
Interest on SD	19.34	14.46	4.88	-	4.88
Interest on working capital	-	-	-	-	-
RoE	97.05	95.40	1.65	-	1.65
Bad debts written off	0.39	0.56	(0.17)	(0.17)	-
Contingency reserve	0.40	0.40	-	-	-
Income Tax	39.68	35.95	3.73	-	3.73
Less: Non-tariff income	23.85	6.90	16.95	-	16.95
ARR	**2,109.03**	**1,833.22**	**275.81**	**6.83**	**268.98**

4.8 The variation in the power purchase expenditure is mainly due to variation in sales coupled with variation in fuel and power purchase rate. The Regulation provides that any variation on account of power procurement cost is to be treated as uncontrollable except the variation on account of distribution losses. During FY 2020-21, there is an increase in distribution loss for Surat supply area as compared to the approved distribution loss level. The loss on account of such increase in distribution loss is treated in accordance with the MYT Regulations, 2016. The calculation of gains on account of distribution loss is quantified as per the table below.

Table 28: Gain due to reduction in energy requirement of Surat Supply Area due to reduction in distribution loss

Particulars	UOM		Actual
Actual Energy purchased at distribution level	MU	(a)	2,713.77
Energy Sales	MU	(b)	2,603.54
Wheeling Energy - OA/RE	MU	(c)	36.10
Total wheeled units	MU	(d) = (b)+(c)	2,639.64
Approved Distribution Loss	%	(e)	3.59%
Energy required at distribution level at approved loss	MU	(f) = (d)/(1-(e))	2,737.93
Difference	MU	(g) = (f)-(a)-(c)	(11.95)
Units recovered as loss	MU	(h)	2.09
Reduction in Energy Requirement	MU	(i) = (g)-(h)	(14.03)
Average PPC	Rs./kWh	(j)	5.38
Savings	Rs. Crore	(k) = (i)*(j)/10	(7.55)

The Petitioner submits that it gets penalised despite achieving the lowest distribution losses. It may kindly be noted that at such a lower level, the distribution losses operate in a band. Therefore, there is a need to specify the appropriate mechanism to encourage and incentivise the utility for better performance.

4.9 Regarding O&M expenses, it is submitted that the variation should be considered as controllable except due to changes in law and the factors beyond the control. As stated at Para 3.25 above, the increase in Employee expenses owing to change in law is considered as uncontrollable.

4.10 The variation in ROE, Interest expenses, depreciation on account of variation in capitalization and interest rates has been treated as uncontrollable.

4.11 The variation in non-tariff income has been treated as uncontrollable; whereas variation in bad debts expenses has been treated as controllable. Similarly, the variation in interest on working capital requirement is treated as uncontrollable as variation in working capital requirement and interest rate is uncontrollable.

4.12 The variation in Interest on Security Deposit is on account of variation in the security deposit amount and interest rate. Accordingly, the variation in the interest on security deposit has been treated as uncontrollable.

4.13 The Petitioner submits that any variation on account of uncontrollable factors is a part of the gap/ (surplus) identified for the year and is passed on to the consumers through adjustment in tariff as per the Regulation 23 of the MYT Regulations, 2016. However, in case of variation due to controllable factors, the gains and losses have to be dealt with as per Regulation 24.

4.14 Based on the above, the sharing of gains and losses due to controllable factors is summarised below.

Table 29: Sharing of gains and losses in Surat Supply Area for FY 2020-21

All Figures in Rs. Crore	Pass through by adjustment in tariff	To be retained/ absorbed	Total
Controllable Gain	4.85	9.70	14.55
Controllable Loss	(2.57)	(5.15)	(7.72)
Total	2.28	4.55	6.83

4.15 Out of total net controllable gain of Rs. 6.83 Crore, Rs. 2.28 Crore is to be passed on to the consumers. The balance Rs. 4.55 Crore is to be retained by the Petitioner as per the Regulations detailed hereinabove. The same needs to be added to the gap/ (surplus) and would be collected from tariff.

4.16 The following is the summary of trued-up ARR to be recovered by the Petitioner for Surat Supply area after inclusion of sharing of gains/(losses).

Table 30: Trued-up ARR incl. Gains/losses for Surat Supply Area for FY 2020-21

All Figures in Rs. Crore		
ARR as per MTR	(a)	2,109.03
Gains/(Losses) due to Uncontrollable Factors	(b)	268.98
Gains/(Losses) due to Controllable Factors	(c)	6.83

All Figures in Rs. Crore		
Pass through as tariff	d= -(1/3rd of c+ b)	(271.26)
Trued -up ARR	e=a+d	1,837.78

4.17 The Petitioner would like to state that the revenue towards recovery of earlier years' approved Gap/ (Surplus), has been considered Rs. 139.96 Crore as per the Hon'ble Commission's order dated 31st March, 2020.

4.18 The summary of the gap/ (surplus) for Surat Supply area for FY 2020-21 is shown in the table below.

Table 31: Revenue Gap/ (Surplus) for Surat Supply Area for FY 2020-21

All figures in Rs. Crore	Actual
Trued-up ARR	1,837.78
Revenue from Sale of Energy	1,885.70
Less: Revenue towards recovery of Earlier Years' approved Gap/(Surplus)	139.96
Balance Revenue	**1,745.74**
Gap/ (Surplus)	**92.04**

4.19 The Petitioner requests the Hon'ble Commission to approve the ARR & revenue gap as per the computation provided hereinabove and proposes to recover this gap from the consumers as detailed in Chapter 7.

Chapter 5: ARR for FY 2022-23

Background

5.1 The MYT Regulations, 2016 defines control period at Regulations 2 (17) by stipulating it to be from 1st April, 2016 to 31st March, 2021. The Regulation 1.2 of the MYT Regulations, 2016 provides that these Regulations shall remain in force till 31st March, 2021, unless otherwise reviewed/extended.

5.2 The Hon'ble Commission, vide its order dated 24th September, 2021, has directed the utilities to file the petition for truing up of FY 2020-21, ARR of FY 2022-23, and determination of tariff of FY 2022-23 as per the provisions of the MYT Regulations, 2016. Accordingly, the Petitioner has arrived at the ARR for the FY 2022-23 for Surat Supply Area by computing each of the components as per the Regulations and principles enunciated by the Hon'ble Commission in the MYT Regulations, 2016.

5.3 This section contains the projections of each of the component of ARR, such as, power purchase cost, O&M cost, Interest cost, etc. The ARR and the consequent revenue gap are thus estimated to formulate the tariff proposal. The explanations for each of the elements have been furnished in the subsequent sections for the kind consideration of the Hon'ble Commission.

Energy Sales to the Consumers

5.4 The sales of Surat Supply Area are principally driven by major industrial segments namely textile, diamond & other allied industries. The growth in commercial and residential segments generally depends on the weather condition and development of colonies in certain pockets of the license area.

5.5 The historical trend of sales in Industrial segment is downward and same trend is likely to continue during FY 2022-23. This will restrict overall growth of sales in license area.

5.6 Further, the Hon'ble Commission has notified the Net Metering Regulations, 2016 for rooftop solar projects which encourages residential & non-residential consumers to set up rooftop solar projects. The surge in solar rooftop installations witnessed in the later part of the 3rd control period is likely to affect the sales going forward.

5.7 It may also be noted that COVID-19 pandemic has impacted the sales across all the

industrial and commercial categories during FY 2020-21 and the resultant slowdown in economy shall continue to affect the sales of all categories. Hence, for FY 2022-23, sales are worked out considering 5 Year CAGR (FY 2013-14 to FY 2018-19) over gross sales of FY 2018-19 for all categories. Further, sales in DOE category have been excluded to arrive at CAGR figures.

5.8 Accordingly, the category-wise sales forecast has been arrived at as follows:

a) RGP Category

i. The category consists of Residential consumers. Considering the effect of COVID-19 and resultant slowdown coupled with labor migration, the sales of RGP category declined in FY 2020-21.

ii. The 5 Year CAGR for the RGP category considering FY 2018-19 as base and including the consumption through solar rooftop is 3.9%. The gross sales thus projected for FY 2022-23 is adjusted with estimated rooftop solar units of FY 2022-23 of 52.72 Mus to arrive at the net RGP sales of FY 2022-23 for the category as shown in the table below.

Table 32: Sales in RGP Category for FY 2022-23

RGP – Category	FY 2022-23
Energy Sales (MUs)	819.76

b) Non RGP Category

i. In this category, sales contribution is from industrial and non-industrial services. Further, industrial services comprise of textile, diamond & embroidery segments whereas non-industrial services comprise of shops, showrooms, offices, etc.

ii. TPL-D does not expect any incremental activity due to reduction in new commercial projects within the licensed area. Further the effect of COVID-19 and resultant slowdown, the sales of Non RGP category is expected to have impact in FY 2022-23 as well.

iii. The 5 Year CAGR considering FY 2018-19 as base and including the consumption through solar rooftop is -0.16%. The gross sales thus projected for FY 2022-23 is adjusted with estimated rooftop solar units of FY 2022-23 of 0.34 Mus to arrive at the net sales of FY 2022-23 for the category as shown in the table below.

Table 33: Sales in Non RGP Category for FY 2022-23

Non RGP – Category	FY 2022-23
Energy Sales (MUs)	1,205.11

c) LTMD category

i. This category includes sales contribution from industrial and non-industrial services. Further, industrial services comprise of textile, diamond & embroidery segments whereas non-industrial services comprise of shops, showrooms, offices, etc.

ii. De-growth is witnessed in this category and same is aggravated by COVID-19 impact. The 5 Year CAGR considering FY 2018-19 as base and including the consumption through solar rooftop is -1.5%. The gross sales thus projected for FY 2022-23 is adjusted with estimated rooftop solar units of FY 2022-23 of 3.19 Mus to arrive at the net sales of FY 2022-23 for the category as shown in the table below.

Table 34: Sales in LTMD Category for FY 2022-23

LTMD – Category	FY 2022-23
Energy Sales (MUs)	873.66

d) HTMD category

i. The sales in the HTMD category is attributable to the textile, diamond industries, and commercial establishment in the HTMD – 1 category and water works and pumping stations run by local authority in the HTMD- 2 category.

i. There is a trend of the textile process houses shifting to the outskirts of the city which is expected to continue for the future years. This is driven by stringent pollution norms and economic consideration like higher valuation of land. The consumption would be affected because these textile houses of higher load factor are likely to get replaced by occupants of lower load factor. Additionally, COVID-19 pandemic has also affected the sales in the category.

ii. Further, in the last few years, HT customers have set up the renewable energy generation and have availed the set-off of such generation against their consumption in the license area. This has impacted the sales of this category. For

FY 2022-23, Petitioner does not expect any incremental RE capacity addition for wheeling.

iii. The 5 Year CAGR for this category considering net sales of FY 2018-19 as base and including the consumption through solar rooftop is 4%. The gross sales thus projected for FY 2022-23 is adjusted with estimated rooftop solar units of FY 2022-23 of 1.41 Mus to arrive at the net sales of FY 2022-23 for the category as shown in the table below.

Table 35: Sales in HT Category for FY 2022-23

HT – Category	FY 2022-23
Energy sales (MUs)	350.53

e) Others Category

i. This category contains the sales to the GLP category, LTP (AG), and Temporary Units. The sales for this category are likely to follow the past trends and being of very low proportion does not have major correction factors to be accounted for. The forecast for this category has been made using the individual 5 Year CAGR considering FY 2018-19 as base of each sub-category and including the consumption through solar rooftop.

ii. The gross sales thus projected for FY 2022-23 is adjusted with estimated rooftop solar units of FY 2022-23 of 0.57 Mus to arrive at the net sales of FY 2022-23 for the category as shown in the table below.

Table 36: Sales in Others Category for FY 2022-23

Others – Category	FY 2022-23
Energy Sales (MUs)	26.50

5.9 The energy sales forecasted for FY 2022-23 in each of the categories is summarized hereunder for ready reference of the Hon'ble Commission. The Petitioner submits that the forecast of sales area based on realistic estimates and requests the Hon'ble Commission to approve the energy sales as proposed.

Table 37: Category Wise Energy Sale for Surat Supply Area for FY 2022-23

Category	FY 2022-23
RGP	819.76

Category	FY 2022-23
Non RGP	1,205.11
LTMD	873.66
HT	350.53
Others	26.50
Total	**3,275.56**

Distribution Loss

5.10 The Hon'ble Commission in its order dated 24th September, 2021 has directed the utilities to consider principles and methodology as provided in the MYT Regulations, 2016.

5.11 In this regard, the Petitioner would like to submit that through its sustained efforts, in terms of implementing efficient practices and perseverance from the employees, the Petitioner has been trying to contain the loss levels in their license area to the lowest possible level. In fact, TPL-D(S) is one of the few distribution companies in the country to have achieved such efficiency. However, further reduction in distribution losses would be difficult, instead, a propensity to increase from the current level would be there due to the following:

a) TPL-D(S) has also been witnessing that the higher load factor HT consumers are moving out of the licensee area limit as explained in the Truing up section. Thus, the movement of HT consumers out of the license area limit would lead to an increase in distribution losses.

b) The MYT 3rd Control Period has witnessed higher growth in LT Load as compared to the HT load growth which would lead to distribution of higher load through LT network. This can be observed from the ratio of LT sales & HT sales as provided in Table 7.

c) Distribution system is designed considering future growth prospect. While augmenting system, TPL-D(S) takes into account capex vis-à-vis benefits. With the increase in utilisation of the system, the loading of the network and in turn, it will contribute to marginal increase in losses.

5.12 Considering the above facts, the Petitioner proposes distribution loss as shown in the table below.

Table 38: Distribution Loss of Surat Supply Area (In %)

	FY 2022-23
Surat Supply Area	4.50%

5.13 Even the projected loss level is the lowest amongst the best performing utility. Further, the Tariff Policy also provides for specifying the norms so as to encourage the utility to perform better and not to penalize. The Petitioner is penalized due to lower norms of Distribution loss despite achieving the loss level of 4.06% during FY2020-21. Accordingly, the Petitioner requests the Hon'ble Commission to approve the distribution losses as proposed hereinabove.

Energy Requirement

5.14 Based on the energy sales forecast, estimation of distribution loss and transmission loss, the total energy requirement for FY 2022-23 is estimated. The total energy requirement thus arrived is shown in the table below for the approval of the Hon'ble Commission.

Table 39: Energy Balance of Surat Supply Area

(All figures in MU except mentioned otherwise)

	FY 2022-23
Ahmedabad Supply Area	
Total Sales	7,732.83
Distribution Loss (%)	6.24%
Distribution Loss	514.94
Energy Required at Distribution periphery	8,247.76
220 kV/ Transmission Loss	91.77
Energy Requirement of TPL-D (A)	8,339.53
Surat Supply Area	
Total Sales	3,275.56
Distribution Loss (%)	4.50%
Distribution Loss	154.35
Energy Required at Distribution periphery	3,429.90
220 kV/ Transmission Loss	76.81
Energy Requirement of TPL-D (S)	3,506.71
Total Energy required by TPL-D	**11,846.25**

5.15 The Petitioner would like to submit that the estimated energy requirement and corresponding power purchase cost is arrived at on pooled basis keeping in mind the overall demand requirement of Ahmedabad & Surat Supply Areas.

Energy Availability

5.16 The energy sourcing is planned from two types of sources, i.e., (a) Long Term Sources and (b) Short Term Sources including bilateral sources / power exchanges. The long term sources include TPL – G (APP) sources, SUGEN, UNOSUGEN and Renewable Energy sources. For long term sources of SUGEN / UNOSUGEN, TPL has made necessary arrangement to reserve the regas capacity in order to achieve certainty for availability of Regas facility and eliminate incremental cost involved in terms of margins of intermediaries in the process of regas operations. This regas capacity booking is in addition to availability of gas from IOCL and RIL. Further, the Petitioner has also made necessary arrangements for Transportation of Gas with GSPL. At present, the Petitioner has estimated lower offtake from SUGEN/ UNOSUGEN due to higher gas cost. This might result in Use of Pay Charges for unutilised Regas capacity and Ship or Pay Charges for unutilised Transportation capacity. However, the Petitioner will endeavour to exercise necessary business prudence to optimize the cost by giving due consideration to Ship or Pay and Take or Pay charges, as may be feasible, while ensuring reliability of sources.

5.17 The Hon'ble Commission has specified the Renewable Purchase Obligation (RPO) as per the GERC (Procurement of Energy from Renewable Sources) Regulations, 2010 read with the Amendment to the GERC (Procurement of Energy from Renewable Sources) Regulations, 2010. Accordingly, the Petitioner has estimated the availability of renewable energy for FY 2022-23 from the tied up capacities of RE Power.

5.18 The balance power would be sourced from short-term sources as and when required. Further, the Petitioner has planned to source the power for FY 2022-23 subject to technical minimum /must run criteria while ensuring reliability of power giving due consideration to optimisation of cost.

5.19 Based on the above, the Petitioner submits to the Hon'ble Commission to approve the power purchase quantum as proposed.

Table 40: Power Purchase for FY 2022-23 for TPL-D (In MU)

	FY 2022-23
TPL-G(APP)	2,558.69
SUGEN/ UNOSUGEN	4,376.93
Bilateral/ Power Exchange	3,326.41
Renewable Energy	1,584.21
Total	**11,846.25**

Power Purchase

5.20 Based on the energy quantum estimated in table above, the power purchase cost for each of the sources is computed. The source-wise estimated power purchase cost is provided in the following sections:

- TPL-G (APP) – The power purchase cost is based on the costing arrived at from the ARR computation in the petition filed for TPL-G (APP).
- SUGEN/ UNOSUGEN – The power purchase cost is as per the tariff and operating norms adopted by Hon'ble Commission.
- Bilateral Sources/ Power Exchange – The power purchase rate for bilateral sources/power exchange is arrived at by considering the likely short term market conditions.
- Renewable Power Purchase Cost- The Petitioner has estimated the purchase of power from the tied up capacity of renewable energy sources to fulfil the Renewable Power Purchase Obligation in accordance with the GERC (Procurement of Energy from Renewable Sources) Regulations, 2010 read with the Amendment to the Regulations. Accordingly, the Petitioner has arrived at the renewable power purchase cost.

5.21 The Petitioner will exercise various options with due commercial prudence with respect to sourcing of power. The power purchase cost thus arrived at for FY 2022-23 is shown in the table below:

Table 41: Power Purchase Cost for TPL-D Supply Area in FY 2022-23

All figures in Rs. Crore	FY 2022-23
TPL-G(APP)	1,412.49
SUGEN/ UNOSUGEN	3,211.39
Bilateral/ Power Exchange	1,330.56
Renewable Energy	712.62
Total	**6,667.06**

5.22 Based on above, the Petitioner requests the Hon'ble Commission to approve the power purchase cost as estimated including corresponding revision in base PPC.

Fixed Cost

Operation & Maintenance (O&M) expenses

5.23 The Hon'ble Commission in its order dated 24th September, 2021 has directed the utilities to consider principles and methodology as provided in the MYT Regulations, 2016.

5.24 The Petitioner has projected the O&M expenses of FY 2022-23 as per the methodology specified in MYT Regulations, 2016 by considering approved O&M expenses of last 3 years (i.e. FY 2018-19 to FY 2020-21) with FY 2019-20 as base year and escalating by 5.72% per annum. Accordingly, the O&M expenses arrived through this methodology for Surat Supply Area is shown in the table below.

Table 42: O&M Expenses of Surat Supply Area in FY 2022-23

All Figures in Rs. Crore	FY 2022-23
Surat Supply Area	154.48

5.25 It may kindly be noted that the above O&M expenses does not take into account the uncontrollable expenses such as the wage revision, change in law, change in levies/ duties/ taxes and charges, etc. Therefore, the Petitioner requests the Hon'ble Commission to treat these components as uncontrollable factors and any such expenses on accounts of these factors are to be allowed over and above the normal allowable components.

Capital Expenditure

5.26 Surat city is considered as a hub for textile and diamond industries. The electricity demand has increased from 636 MW in FY 2016-17 to 695 MW in FY 2019-20 i.e. at a 3 Year CAGR rate of about 3%. Surat city has been witnessing vertical growth. The existing load density of Surat license area is about 13 MW/sq.km.

5.27 The increased urbanisation of Surat city has resulted in increasing issues of availability of corridor for creation of evacuation network.

5.28 Further, new initiatives such as Smart City, infrastructure projects like BRTS/Metro, modern water/sewage systems necessitate creation of state-of-the-art electrical network with ability of handling large quantum of power at the higher level of reliability.

5.29 The Petitioner has planned to undertake capital expenditure for augmentation and up-gradation of distribution network to meet the increasing load, reliability & redundancy requirement, regulatory norms and safety measures. Therefore, during FY 2022-23, the Petitioner plans capital expenditure requirements to maintain the efficiency with long term planning.

5.30 The capital expenditure for Surat Supply Area consists of expenditure in planning redundancy and reliability in EHV network to provide un-interrupted supply, additional EHV & HV substations to cater to the load growth, LT network to meet the consumer connectivity, expenditure on Special projects, and other miscellaneous items such as automation, IT, etc.

5.31 Summary of planned capital expenditure for FY 2022-23 is shown in the table below for the approval of the Hon'ble Commission.

Table 43: Capital Expenditure of Surat Supply Area in FY 2022-23

All Figures in Rs. Crore	FY 2022-23
EHV Network	100.34
HV Network	53.49
LT Network	38.86
Special Projects	103.30
Meter Management	9.44
Customer Care	0.60
IT	4.91
Others	9.04
Total	**319.99**

5.32 The details of major capital expenditure for FY 2022-23 are provided in the following sections:

a) <u>EHV Network</u>

TPL-D has been carrying out periodic expansion of the existing distribution network to cater to the existing demand. However, aging, optimal loading levels, growing demand, challenging physical environment and high reliability requirements have put strain on the existing network. Therefore, it is necessary to supplement, modernize and overhaul the EHV network.

- Establishment of new 220 kV GIS substation at C station along with 220 kV line interconnectivity: Activity of commissioning of 220 kV C-GIS project along with 220kV & 66kV inter connectivity was approved in 3rd MYT control period. Major activities associated with the project have been completed. It is expected that overall work will be completed during FY 2022-23.
- 220 kV EHV Line / Cable: During FY 2022-23, it is proposed to incur capex towards Distributed Acoustic Sensing (DAS) systems for Continuous monitoring of 220 kV EHV line, Anticorrosive coating on 220 kV EHV tower to protect tower against corrosion and tower material & storage facility development.
- New 66 kV substations: During 3rd MYT control period, new 66/11 kV substations were proposed at Katargam and Bhathena area. However, due to delay in availability of land, the project was rescheduled. Land procurement has been completed at Katargam and substation work shall be completed by FY 2023-24. Additionally, during FY 2022-23, it is proposed to procure land for Bhatena.
- Additional/ Augmentation/ Replacement of Power Transformer: Based on projected loading and n-1 criteria, power transformer capacity enhancement is planned at K substation.
- Replacement & Renovation in existing EHV SS: Replacement of equipment like Relay, VCB, Capacitor, CT, LA, Isolator, Control Panel, Battery Charger, etc. have been considered based on aging, obsolete technology, frequent breakdown, and maintenance problems.
- Supporting infrastructure for EHV network: Major cost involved in this head pertains to ABT and SCADA system replacement. In addition, provisions are being kept for replacement/ new requirement of of EHV / ABT meters, MRI, RF amplifier & modem, Load Manager, RTU, Panel, Network Switches, UPS & UPS battery, Testing and measuring equipment.

  The summary of expenditure planned for the above described items is provided in the table below.

Table 44: Capital Expenditure for EHV Network in FY 2022-23

All Figures in Rs. Crore	FY 2022-23
EHV Network	
New 220 kV EHV SS	1.00
220 kV EHV Line / Cable	4.15
New 66 kV EHV SS	72.96
Additional/ Augmentation/ Replacement of Power Transformer	4.81
Replacement & Renovation in existing EHV SS	4.26
Supporting infrastructure - EHV	13.17
Total	**100.34**

b) HT Network

- 11 kV network development & modification: 11 kV new feeders have been considered to mitigate the future load growth of surrounding area, relieving existing feeders and power transformers, creating redundancy, and to reduce long length of network. Network development and ring modification are proposed based on load balancing of existing feeders, creating of ready to serve network, and enhancement of load transfer flexibility.
- Replacement/ Shifting of HT network: Based on aging of existing PILC network, infrastructure projects like BRTS/smart city work proposed by local authority, and reliability requirements, it is proposed to replace/shift HT cable on the route. Accordingly, the cost of replacement/shifting has been considered.
- Distribution substation automation: Automation of distribution substation facilitates remote load transfer of 11 kV feeders, which reduces the restoration time and enhances customer satisfaction. It enables effective load management of 11 kV feeders. During FY 2022-23, the Petitioner has proposed distribution automation of an approximate 100 nos. of distribution substation.
- New distribution substations: To meet the additional load requirement of existing as well as new consumers, the distribution transformers (DT's) need to be upgraded and new DT's need to be installed at the load centre. The substation needs to be planned at load centre. This also involves the

development of necessary network by laying new 11 kV cable and installation of switchgear/breaker/LT panels.

- New HT consumers: Based on the expected number of new HT consumers, the Petitioner has proposed expenditure for releasing HT connections during FY 2022-23.
- Additional/ Augmentation/ Replacement of Distribution transformer: In order to relieve overloaded distribution transformers and for creating margin for catering to the future load growth, augmentation of distribution transformers are considered in FY 2022-23. Further, based on internal physical condition, frequent problem, test results, such distribution transformers are proposed to be replaced. Additionally, installation of Compact substation is considered by dismantling existing DSS where civil structure/ DSS equipment are found deteriorated.
- Installation/ Replacement of 11 kV switchgear/ LT panel/ Breaker and Accessory for Safety: As part of replacement of deteriorated switchgear/panels/breakers, it is proposed to carry out replacement of switchgear/BMC and LT FSP replacement to ensure safety.
- Distribution substation asset strengthening for safety: Distribution substation (DSS) exists in public domain surrounded by residential / commercial / industrial area. Distribution substations are usually oil type distribution transformers and 11 kV RMUs, which are susceptible to fire and safety hazard in public area and operational safety. Therefore, to identify such critical distribution substation locations for replacement and to reduce safety hazard, distribution asset survey has been carried out based on geographical location, public movements and criticality of asset. Additionally, new earthing system is also proposed.
- Reactive Power Compensation: In order to maintain power factor and to reduce export kVAr in system, it is proposed to install Automatic Power Factor Correction Panels (APFC).
- Supporting Infrastructure: This includes expenses related to establishment of testing facility, procurement of equipment such as Meter Reading Instrument, Earth Tester, Power Quality analyzer, Cable identifier / Cable

nailing hydraulic tools, insulation measurement equipment and other Testing / Measuring equipment.

The summary of expenditure planned for the above described items is provided in the table below.

Table 45: Capital Expenditure for HT Network in FY 2022-23

All Figures in Rs. Crore	FY 2022-23
HT Network	
11 kV HT network development & modification	1.90
Replacement/ Shifting of HT network	2.46
Distribution substation automation	7.68
New Distribution substations	12.72
New HT consumers	6.75
Additional/ Augmentation/ Replacement of DT	5.59
Installation/ Replacement of 11 kV switchgear/ Panel/ breaker for Safety	0.43
DSS Asset strengthening for Safety	13.93
Reactive Power Compensation	0.63
Supporting Infrastructure-HT	1.42
Total	**53.49**

c) LT Network

- New Connection/Load Extension: The LT capital expenditure is planned to provide network for the last mile connectivity as well as for maintaining "ready to serve" network. Around 21,000 applications for new connection/extension load are expected to be released during FY 2022-23. This forms the basis for planning the expenditure for the LT network.
- LT network development & modification: LT network is required to be developed and modified suitably to cater to load growth, create branch network to reduce faults, balancing network to relieve distribution transformer, and shifting network & related accessories for rerouting/ replacement of cable due to infrastructure projects like BRTS/ smart city, etc.
- Replacement of MSP / MB for Safety & Reliability: LT network exists in public domain surrounded by residential / commercial / industrial area. To enhance safety as well as to improve power reliability, MSP and Meter Box which are found in critical condition will be replaced/ renovated. This will also include

revamping of unsafe and deteriorated Meter boxes/services which are found susceptible to fire/repeated faults.

- Earthing of LT assets for Safety: New earthing system in LT asset is proposed to enhance safety based on measurement and physical condition of existing earthing system.
- Supporting Infrastructure: This includes expenses on replacement/new requirement of LT Cable fault locator, Insulation resistance tester, Earthing resistance meter and other Testing / Measuring equipment.

The summary of expenditure planned for the above described items is provided in the table below.

Table 46: Capital Expenditure for LT Network in FY 2022-23

All Figures in Rs. Crore	FY 2022-23
LT Network	
New connection/ Load extension	17.46
LT network development & modification	8.43
Replacement of MSP / MB for Safety & Reliability	11.68
Earthing of LT assets for Safety	1.10
Supporting Infrastructure-LT	0.20
Total	**38.86**

d) Special Project

- Shifting of Network due to Metro project: Surat City Metro rail project has been planned on Elevated Bridge and Underground by local authority. Based on preliminary joint route survey carried out with Authority, it is envisaged that some of TPL's network in the route of metro project is required to be shifted/ removed/ rerouted. Accordingly, network shifting work has been initiated and shall be continued during FY 2022-23.
- Advanced Metering Infrastructure system: In order to comply with the requirement of the Ministry of Power notification, capex has been considered towards installation and replacement of consumer meters with smart meters having prepaid technology, in a phased manner. Further, all DT meters are also required to be smart meters having AMR facilities. It may kindly be noted

that implementation of smart meter will also necessitate additional O&M expenses to meet with communication, IT infrastructure requirements, etc.

- Infrastructure development of PSC and Offices: The Power Supply Centre (PSC) have been proposed to enhance customer services through in attending complaints, releasing connections, approaching consumer's request etc. Strategically, it is decided to establish PSC in TPL's existing premises at three strategic locations viz. B, C & E stations by creating space through redesigning existing infrastructure. The PSC and other office buildings will be established with state-of-the-art infrastructure facilities. PSC related work has been initiated in FY 2020-21 and is likely to be completed in FY 2024-25.

The summary of expenditure planned for the above described items is provided in the table below.

Table 47: Capital Expenditure for Special Project in FY 2022-23

All Figures in Rs. Crore	FY 2022-23
Special Project	
Shifting of Network due to Metro project	8.08
Advanced Metering Infrastructure system	25.57
Infrastructure development of PSC and Offices	69.65
Total	**103.30**

e) Meter Management

Metering system is an important facet of any electricity distribution utility. Capital expenditure is planned for purchasing Meters, CT/Seals etc. for the following activities:

- Meters for providing new electric connections/modification of load, etc.
- Meters for replacing defective energy meters based on the past trend of defective meters replaced.
- Meters for replacing old electromechanical meters in a phased manner.
- Meters for replacing static electronic meters which are vulnerable to theft.

In addition to above, it is proposed to incur capex for technology upgradation of existing meter testing laboratory infrastructure through procurement of fully automatic testing bench. Capex for tools/instruments for meter management is also considered.

Accordingly, the summary of expenditure planned for the above described items is provided in the table below.

Table 48: Capital Expenditure for Meter Management in FY 2022-23

All Figures in Rs. Crore	FY 2022-23
Meter Management	9.44

f) Customer Service:

To enhance customer satisfaction, it is proposed to implement the single window concept along with que management system at strategic locations. This necessitates requirement of basic amenities like seating arrangement, writing desk, drinking water, etc. Accordingly, it is planned to develop new plug points at B, C and E Station along with premise development plan. Also, it is proposed to implement Automatic Metering Infrastructure (AMI) system initially for LTMD services with Smart meters at consumer end. The Capex provision is made for MRI (Meter Reading Instruments)/ Optical Port and testing/ measuring instruments like Accu-check machine for onsite testing of meters, Clamp on Meters, PF Measuring Instrument, etc. The Capex provision is also made for call centre related expenditure. The summary of expenditure to be incurred is provided as below.

Table 49: Capital Expenditure for Customer Service in FY 2022-23

All Figures in Rs. Crore	FY 2022-23
Customer Care	0.60

g) IT & related expenditure:

This includes capex requirements related to hardware replacements & software upgradation, fibre network enhancement, network security,

network monitoring, and additional SAP licenses. The summary of expenditure to be incurred is provided as below.

Table 50: Capital Expenditure for IT in FY 2022-23

All Figures in Rs. Crore	FY 2022-23
IT & related expenditure	4.91

h) Others:

This includes capex to be incurred for:

- Replacement / New requirement / Modification related to fire & safety assets and material for safety awareness.
- Replacement / new requirement of testing / measuring equipment to check quality parameters of material.
- Extension & Enhancement of GIS enterprise solution with upgradation and provision for new/replacement of hardware and software, RTS for energy conservation.
- MHE, Pallet/ racking system, Vertical Storage system for storing cable drums etc. for safe and better material handling.
- Expenditures for Refurbishment of EHV SS, Dist. SS, etc. and routine need based civil related work.
- Provision for expenses related to fire safety and further modification in existing premises to enhance safety.
- Comprehensive Contract Labour Management System (CLMS) to be implemented during FY 2021-22 and FY 2022-23. Provision made for Access control system in offices.
- Provision for procurement/replacement/ upgradation of other supporting assets like Air-conditioning System, Water purifiers, OHC equipments, etc.
- CCTV Surveillance system along with IT set-up to enhance safety of premises, strengthening security at all stations, provision for new / replacement / upgradation of other supporting assets/vehicles, etc.

The summary of expenditure planned for the above described items is provided in the table below.

Table 51: Capital Expenditure for Others for in FY 2022-23

All Figures in Rs. Crore	FY 2022-23
Others	9.04

Interest Expenses

5.33 The capital expenditure for FY 2022-23 needs to be funded through a debt equity ratio of 70:30 as per the MYT Regulations, 2016. The debt component is estimated in the table below:

Table 52: Capitalisation for Surat Supply Area in FY 2022-23

All Figures in Rs. Crore		FY 2022-23
Opening GFA	a	2,189.01
Addition to GFA	b	199.40
Deletion from GFA	c	-
Closing GFA	d=a+b-c	2,388.41
SLC Addition	e	22.08

5.34 The Petitioner submits that the MYT Regulations, 2016 provides for the calculation of interest expenses on normative basis considering the amount of depreciation of assets as the amount of repayment. The Petitioner has considered the interest expenses as per the MYT Regulations, 2016 on normative loans.

5.35 The Petitioner has calculated the interest expenses by applying the estimated Weighted Average Rate of interest of the loan portfolio of the Petitioner at the beginning of the year while repayment has been considered equal to the depreciation of the assets for the year.

5.36 The interest expense thus proposed for Surat Supply area is shown in the table below for approval of the Hon'ble Commission:

Table 53: Interest Expenses of Surat Supply Area in FY 2022-23

All Figures in Rs. Crore	FY 2022-23
Opening Balance of Loans	365.37
Loan addition during the year	124.13
Repayments during the year	80.78

All Figures in Rs. Crore	FY 2022-23
Closing balance of Loans	408.72
Average Loans	387.05
Weighted Average Rate of Interest (in %)	7.85%
Interest Expense	**30.38**

Interest on Security Deposit

5.37 The Petitioner has estimated the interest on security deposit for the year considering the interest rate of 4.25% consistent with the provisions of the MYT Regulations, 2016 on the average of opening balances and closing balance of security deposit for the Surat supply area. The addition has been projected on the basis of trend observed in the supply area.

5.38 The estimated interest on security deposit for Surat supply area is as under:

Table 54: Interest on Security Deposit for Surat Supply Area in FY 2022-23

All Figures in Rs. Crore	FY 2022-23
Interest Rate (in %)	4.25%
Interest Cost	15.01

5.39 The Petitioner requests the Hon'ble Commission for the approval of the estimated interest on security deposit for Surat supply area.

Interest on Working Capital

5.40 The interest on working capital is computed as per the MYT Regulations, 2016. The interest rate being the SBI MCLR rate on 1st April, 2021 plus 250 basis points, of 9.57% is to be applied on the working capital requirement arrived at in accordance with the Regulations.

5.41 The estimates of interest on working capital are shown in the table below for the approval of the Hon'ble Commission.

Table 55: Interest on Working Capital for Surat Supply Area in FY 2022-23

All Figures in Rs. Crore	FY 2022-23
O&M Expenses for 1month	12.87
1% of GFA for maintenance spares	21.89
Receivables for 1 month	198.33
Less: Security Deposit	353.26
Working Capital	-

All Figures in Rs. Crore	FY 2022-23
Interest Rate (in %)	9.57%
Interest on Working Capital	**-**

Depreciation

5.42 The depreciation rates as per the CERC (Terms & Conditions of Tariff) Regulation, 2004 is applied on the opening GFA of FY 2009-10 and for addition of assets from 1st April 2009 onwards depreciation has been computed at the rates specified in the GERC Regulations.

5.43 The total depreciation arrived at after the computation described above is shown in the table below. The Petitioner submits to the Hon'ble Commission to approve the depreciation as proposed.

Table 56: Depreciation for Surat Supply Area in FY 2022-23

All Figures in Rs. Crore	FY 2022-23
Surat Supply Area	80.78

Return on Equity

5.44 The return on equity has been computed based on the opening & closing balance of the equity arrived at considering the estimated capitalisation in FY 2022-23.

5.45 The return on equity is computed at 14% on the average of the opening & closing balance of equity in FY 2022-23. The return on equity estimated by the Petitioner is shown in the table below for the approval of the Hon'ble Commission.

Table 57: Return on Equity for Surat Supply Area in FY 2022-23

All Figures in Rs. Crore	FY 2022-23
Opening Equity and reserves	739.55
Equity addition during the year	53.20
Equity at the end of the year	792.75
Average of opening and closing	766.15
ROE @ 14% on the average balance	107.26

Income Tax

5.46 For the purpose of estimation of income tax for FY 2022-23, the Petitioner has considered the Income Tax of Rs. 35.95 Crore considering the total tax paid and the ratio of PBT of TPL-D (S) and PBT of the company as a whole as per audited accounts of FY 2020-21.

5.47 The income tax thus proposed for FY 2022-23 is shown in the table below:

Table 58: Income Tax for Surat Supply Area in FY 2022-23

All Figures in Rs. Crore	FY 2022-23
Surat Supply Area	35.95

5.48 The Petitioner requests the Hon'ble Commission to approve the income tax thus computed above for FY 2022-23.

Bad Debts written off

5.49 The MYT Regulations, 2016 provides that the Hon'ble Commission may allow bad debts written off as a pass through in the ARR based on the trend of amount written off for bad debts in previous years.

5.50 In this background, this background, the Petitioner has estimated the bad debts for FY 2022-23 as per approved figures of FY 2021-22.

Table 59: Bad Debts written off for Surat Supply Area in FY 2022-23

All Figures in Rs. Crore	FY 2022-23
Surat Supply Area	0.51

5.51 The Petitioner requests the Hon'ble Commission to approve the bad debts as estimated above for FY 2022-23. The actual bad debts written off will be considered at the time of truing up.

Contingency Reserve

5.52 The Hon'ble Commission had allowed contingency reserve for each of the supply area. The contingency reserve approved by the Hon'ble Commission for each year in the previous Control Period was Rs 0.40 Crores for Surat Supply Area.

5.53 Based on the same principle, the Petitioner has proposed to allow same amount for the contingency reserve for FY 2022-23 as was approved in the previous Control Period.

Non-Tariff Income

5.54 The non-tariff income for FY 2022-23 shown in the table below is forecasted by considering the current trend.

Table 60: Non-Tariff Income for Surat Supply Area in FY 2022-23

All Figures in Rs. Crore	FY 2022-23
Surat Supply Area	18.43

5.55 The Petitioner requests the Hon'ble Commission to approve the Non-Tariff Income as estimated above. The variation in actual non-tariff income except bad debt recovery will be considered as uncontrollable during the truing up exercise.

Aggregate Revenue Requirement of Surat Supply Area

5.56 The Aggregate Revenue Requirement of Surat Supply Area for FY 2022-23 is shown in the table below.

Table 61: ARR of Surat Supply Area in FY 2022-23

All Figures in Rs. Crore	FY 2022-23
Power Purchase	1,973.58
O&M expenses	154.48
Depreciation	80.78
Interest on loans	30.38
Interest on working capital	-
Interest on SD	15.01
Bad debts	0.51
Contingency reserve	0.40
RoE	107.26
Income Tax	35.95
Less: Non-tariff income	18.43
ARR	**2,379.92**

5.57 The Petitioner would like to submit that as per the GERC (Demand Side Management) Regulations, 2012, it is required to formulate and submit to the Hon'ble Commission a perspective DSM Plan covering period of the control period. Accordingly, the Petitioner will make necessary submission for the DSM plan for FY 2022-23 onwards and the Petitioner shall claim the actual DSM expenses as part of its truing up petitions.

Revenue from Sale of Power

5.58 The Petitioner would like to place on record that the Ministry of Power, GoI, vide notification dated 9th November, 2021, directed to provide for automatic pass through on account of power purchase costs without any delay with immediate effect. It also provides that the Discoms are required to pass through the change in costs whenever it occurs.

5.59 The Petitioner submits that in the True up for FY 2019-20 and Determination of Tariff Order for FY 2021-22, the Hon'ble Commission has approved the base Power Purchase Cost at Rs. 4.85 per kWh and base FPPPA at Rs. 1.38 per kWh. As per approved FPPPA formula, any increase in power purchase cost during the year over and above base power purchase cost of Rs. 4.85 per kWh is to be recovered through FPPPA over and above base FPPPA of Rs. 1.38 per kWh on quarterly basis. As per projected ARR for FY 2022-23, the weighted average power purchase cost is worked out to Rs. 5.63 per kWh as against base power purchase cost of Rs. 4.85 per kWh. Thus, the incremental power purchase cost of Rs. 0.84 per kWh for FY 2022-23 (i.e. increase in power purchase cost grossed up by T&D losses) will be recovered through FPPPA. Therefore, estimated revenue from FPPPA for FY 2022-23 is considered at revised base FPPPA of Rs. 2.22 per kWh (i.e. grossing up by T&D losses), as shown below.

Table 62: FPPPA Computation for FY 2022-23

	FY 2021-22	FY 2022-23
Total Power Purchase Cost (Rs. Crore)	5,567.06	6,667.06
Total Energy Requirement (MU)	11,475.76	11,846.25
Power Purchase Cost (Rs./Kwh)	4.85	5.63
Increase in Power Purchase Cost (Rs./Kwh)		0.78
T&D Loss (%)		7.07%
Additional FPPPA Charges (Grossed up by T&D Losses) (Rs./Kwh)		0.84
Existing FPPPA Charges (Rs./Kwh)		1.38
Revised FPPPA Charges (Rs./Kwh)		2.22

5.60 The revenue from sale of power has been computed considering the sales & existing tariff rates for different category of consumers which are detailed out in the respective formats including the FPPPA as computed hereinabove. The details are as under.

Table 63: Revenue from Sale of Power in FY 2022-23

All Figures in Rs. Crores	FY 2022-23
Surat Supply Area	2,388.09

5.61 The Petitioner requests the Hon'ble Commission to consider the revenue as computed herein above.

Revenue Gap/ (Surplus) for FY 2022-23

5.62 The ARR for FY 2022-23 is Rs. 2,379.92 Crore and the revenue is Rs. 2,388.09 Crore. The revenue includes revenue from sale of power at the existing tariff rates. Accordingly, the gap/(surplus) is estimated for FY 2022-23 as below:

Table 64: Gap/ (Surplus) of Surat Supply Area for FY 2022-23

All Figures in Rs. Crore	
ARR	2,379.92
Less:	
Revenue from sale of power at existing tariff rates including base FPPPA revenue @Rs. 2.22 per unit	2,388.09
Gap/ (Surplus)	**(8.17)**

5.63 The Petitioner would like to submit that based on the revised estimates, there will be estimated surplus of Rs. 8.17 Crore.

Chapter 6: Wheeling and Retail supply business for FY 2022-23

6.1 Regulation 87 of the MYT Regulations, 2016 stipulates that the ARR be segregated as per the allocation matrix for segregation of expenses between Distribution Wires Business and Retail Supply Business for determination of wheeling charges.

6.2 The allocation of expenditure to wheeling and retail supply business is based on the consideration that the distribution infrastructure up to the service line is part of the wheeling business and the distribution infrastructure from service line to consumer premises is part of the retail supply business.

6.3 The allocation matrix as specified by the Hon'ble Commission for segregation of expenses between wheeling & retail supply business is as under:

Table 65: Allocation Matrix for Segregation to Wheeling & Retail Supply for Surat Supply Area

ARR Components	Wires Business (%)	Retail Business (%)
Power Purchase Expenses	0%	100%
Employee Expenses	60%	40%
Administration & General Expenses	50%	50%
Repair & Maintenance Expenses	90%	10%
Depreciation	90%	10%
Interest on Long Term Loan Capital	90%	10%
Interest on Working Capital and Consumer Security Deposit	10%	90%
Bad Debts	0%	100%
Income Tax	90%	10%
Contingency reserves	100%	0%
Return on Equity	90%	10%
Non-Tariff Income	10%	90%

6.4 Based on the above allocation matrix, the ARR of Surat Supply Area has been segregated into ARR for wheeling and supply business as shown in tables below.

Table 66: ARR for Wheeling Business of Surat Supply Area for FY 2022-23

All Figures in Rs. Crore	
Power Purchase	-
Employee Expenses	45.08
Administration & General Expenses	20.44
Repair & Maintenance Expenses	34.63
Depreciation	72.70
Interest on Loan	27.34
Interest on Security Deposit	1.50
Interest on Working Capital	-
Bad debts	-
Contingency Reserve	0.40
Income Tax	32.35
Total Revenue Expenditure	**234.45**
Return on Equity	96.53
Less: Non-Tariff Income	1.84
Aggregate Revenue Requirement	**329.14**

Table 67: ARR for Retail Supply Business of Surat Supply Area for FY 2022-23

All Figures in Rs. Crore	
Power Purchase	1,973.58
Employee Expenses	30.05
Administration & General Expenses	20.44
Repair & Maintenance Expenses	3.85
Depreciation	8.08
Interest on Loan	3.04
Interest on Security Deposit	13.51
Interest on Working Capital	-
Bad debts	0.51
Contingency Reserve	-
Income Tax	3.59
Total Revenue Expenditure	**2,056.65**
Return on Equity	10.73
Less: Non-Tariff Income	16.59
Aggregate Revenue Requirement	**2,050.78**

6.5 The above segregated ARR is being considered to determine the wheeling charges and cross-subsidy charge for FY 2022-23.

Chapter 7: Gap/ (Surplus) Analysis

7.1 The revenue for FY 2022-23, arrived at considering projected sales and existing tariff, is Rs. 2,388.09 Crore. The ARR for Surat Supply Area in FY 2022-23 is Rs. 2,379.92 Crore. Accordingly, the Petitioner has arrived at the surplus of Rs. 8.17 Crore.

Table 68: Revenue Gap/ (Surplus) for determination of tariff of Surat Supply Area for FY 2022-23

All Figures in Rs. Crore	
ARR	2,379.92
Less:	
Revenue from sale of power at existing tariff rates including base FPPPA revenue @Rs. 2.22 per unit	2,388.09
Gap/ (Surplus)	**(8.17)**

7.2 As per the GERC (Demand Side Management) Regulations, 2012, the Petitioner had formulated and submitted to the Hon'ble Commission a DSM Plan for the license areas of Ahmedabad, Gandhinagar and Surat. The Hon'ble Commission has approved Rs. 5.70 Crore for Surat supply area. In this regard, the Petitioner has not incurred any expense during FY 2020-21 including expense towards the DELP program. Regarding the DSM Plan for the period starting from FY 2022-23, the Petitioner shall approach the Hon'ble Commission separately.

Cumulative Gap/(Surplus)

7.3 The Petitioner submits that carrying cost for the unrecovered gap is the legitimate claim of the Petitioner due to deferment in recovery of gap. It is submitted that the Petitioner is entitled to the cost along with carrying cost as its legitimate claim.

7.4 The Petitioner has calculated carrying cost as per the methodology approved/specified by the Hon'ble Commission. The Petitioner, therefore, requests the Hon'ble Commission to consider such outstanding amount in addition to the Gap/ (Surplus) of FY 2020-21 along with carrying cost as per the methodology approved/specified by the Hon'ble Commission.

7.5 Based on above, the total gap thus arrived at is Rs. 108.74 Crore. The summary of revenue gap for determination of tariff FY 2022-23 is shown in the following table:

Table 69: Cumulative Revenue Gap/ (Surplus) for determination of tariff of Surat Supply Area for FY 2022-23

All Figures in Rs. Crore	
Gap/ (Surplus) of FY 2020-21	92.04
Carrying Cost	24.87
DSM	-
Gap/ (Surplus) of FY 2022-23	**(8.17)**
Cumulative Gap/ (Surplus) to be recovered through tariff	**108.74**

7.6 The Petitioner submits that part of the cumulative gap of Rs. 108.74 Crore is arising mainly on account of past years' under-recovery. Therefore, the Petitioner proposes to recover the same by way of a Regulatory Charge at the rate of Rs. 0.17 per unit w.e.f. 1st April, 2022 over a period of two years with necessary adjustment of cost due to deferment of recovery.

7.7 It may kindly be noted that the Petitioner's tariff was last increased in the year 2015-16. Since then, despite the overall inflationary pressures in general, the Petitioner has been managing its costs largely through operational efficiencies. For FY 2022-23, the Petitioner is proposing to recover the past-period under-recoveries through a Regulatory Charge. The approval of Regulatory Charge is essential so as to liquidate under recoveries and enable the Petitioner to maintain and further improve its high standards of quality, reliability and customer services.

7.8 Further, the Petitioner proposes to recover the Gap/Carrying cost for matters pending with Hon'ble GERC / APTEL by way of Regulatory Charge.

Chapter 8: Tariff Proposal for FY 2022-23

Background

8.1 The Petitioner has computed the cumulative gap/ (surplus) for FY 2020-21, FY 2022-23 and carrying cost as detailed in the earlier chapters.

8.2 The Petitioner proposes to:

a) Recover the accumulated gap/ (surplus) mainly pertaining to past period by way of Regulatory Charge over a period of two years

b) Recover the Gap/ Carrying cost for matters pending with Hon'ble GERC / APTEL by way of Regulatory Charge

Tariff Philosophy

8.3 The Petitioner submits that the Hon'ble Commission has approved the existing tariff structure based on widely recognized best practices in accordance with the legal framework and the principles as detailed hereunder:

A. Consumers' capacity to pay

B. Principles of cross subsidy prescribed by Tariff Policy

C. Incentivising energy conservation

D. Demand Side Management

E. Promotion of efficient use of electricity

8.4 The Petitioner has maintained same tariff structure and philosophy while designing the tariff for FY 2022-23.

Determination of Retail Tariff

8.5 The Petitioner submits that part of the cumulative gap of Rs. 108.74 Crore is arising mainly on account of past years' under-recovery. Therefore, the Petitioner proposes to recover the same by way of a Regulatory Charge at the rate of Rs. 0.17 per unit w.e.f. 1st April, 2022 over a period of two years with necessary adjustment of cost due to deferment of recovery.

8.6 Further, the Petitioner proposes to recover the Gap/Carrying cost for matters pending with Hon'ble GERC / APTEL by way of Regulatory Charge.

8.7 The Tariff schedule for Surat supply area is attached as **Annexure 1** without any tariff increase except the inclusion of Regulatory Charge.

8.8 The Petitioner would like to clarify that any variation in recovery of the said gap shall be dealt with during Truing up exercise for FY 2022-23. The Petitioner further submits that, if for any reason, the Hon'ble Commission does not allow the recovery of part of the gap by way of Regulatory Charge w.e.f. 1st April, 2022, the tariff rates need to be appropriately adjusted to allow the Petitioner to recover the cumulative gap of Rs. 108.74 Crore entirely during 2022-23.

8.9 It may kindly be noted that the Petitioner's tariff was last increased in the year 2015-16. Since then, despite the overall inflationary pressures in general, the Petitioner has been managing its costs largely through operational efficiencies. For FY 2022-23, the Petitioner is proposing to recover the past-period under-recoveries through a Regulatory Charge. The approval of Regulatory Charge is essential so as to liquidate under recoveries and enable the Petitioner to maintain and further improve its high standards of quality, reliability and customer services.

8.10 The Petitioner would like to submit that it is in receipt of representation regarding introduction of "Green Tariff" in its license areas. However, the methodology for determination of "Green Tariff" is required to be determined by the Hon'ble Commission. Hence, for FY 2022-23, the Petitioner proposes "Green Tariff" of Rs. 0.50 per unit in line with the existing "Green Tariff" decided for Deendayal Port Trust.

Determination of Wheeling Charges

8.11 The MYT Regulations, 2016 stipulate that the wheeling charges shall be determined based on the ARR allocated to the wheeling business.

8.12 The Petitioner, in this petition, has computed the wheeling tariff based on the allocation of ARR of distribution business, in accordance with the MYT Regulations, 2016.

8.13 Distribution wires are identified as carrier of electricity from generating station or transmission network to consumer point. The consumption at a particular voltage

level requires network at that voltage level and also at all higher voltage levels. Thus, consumption at the lower voltages should contribute to the cost of the higher voltage levels also. However, the consumers connected to the higher voltages would not be utilizing the services of the lower voltage level and hence would not be required to contribute to the recovery of cost of lower voltage level.

8.14 Based on the approach discussed above, the ARR for the wheeling business is apportioned to the HT and LT voltage in two steps as described below:

a) Apportioning the ARR of wheeling business to HT and LT voltage level based on ratio of GFA;

b) Apportioning the ARR of the HT voltage level again between HT and LT voltage level based on respective contributions in the system peak demand.

8.15 The ARR is apportioned between the HT and LT Voltage level in proportion to the ratio of the Closing GFA of FY 2020-21.

8.16 The GFA (excluding assets related to retail supply) for Surat Supply Area as on 31st March, 2021 is Rs 1,721.19 Crore. In case of Surat Supply Area, the GFA identified for HT & LT business are Rs. 1,337.59 Crore & Rs. 383.59 Crore, respectively. The ratio of HT assets to LT assets is 78:22, which is considered for the apportionment of ARR for the wheeling business into HT and LT businesses.

8.17 Further, as the HT level assets cater to the requirement of customers at both HT and LT levels, the ARR for HT is again apportioned between HT and LT voltage based on their ratio of contribution to the peak.

8.18 The system peak demand for Surat Supply Area for the year FY 2020-21 was 623MW. In case of Surat Supply Area, the contract demand for all the HT consumers is about 132.53 MW. Assuming that 85% of the contract demand of HT consumers (i.e. 112.65 MW) contributes to the system peak demand, the total demand of LT contributing to the system peak is computed as 510.35 MW.

8.19 To determine the wheeling charges for the HT & LT voltage levels, the ARR of the respective voltage level is divided by the sales handled at the respective voltage level. Accordingly, the wheeling charge determined in terms of Rs/ kWh has been tabulated below:

Table 70: Wheeling charges of Surat Supply Area for FY 2022-23

Particulars	
First Level Segregation of ARR (in Rs. Crore)	
HT Voltage	255.78
LT Voltage	73.35
Total	**329.14**
Second Level Segregation of ARR (in Rs. Crore)	
HT Voltage	46.25
LT Voltage	282.89
Total	**329.14**
Wheeling Charge in Rs/ kW/month	
HT Voltage	342.14
LT Voltage	461.92
Wheeling Charge in Rs/ kWh	
HT Voltage	1.32
LT Voltage	0.97
Wheeling Charge in Rs. Crore/MW	
HT Voltage	0.41
LT Voltage	0.55

8.20 The Petitioner further states that an open access consumer will also have to bear the following wheeling losses in addition to the wheeling charges.

Table 71: Wheeling Losses in kind of Surat Supply Area for FY 2022-23

Category	In %
HT Category	3.50%
LT Category	5.50%

Determination of Cross-Subsidy Surcharge

8.21 As per the principles enunciated in the Tariff Policy, the cross subsidy surcharge is computed based on Pooled Power Purchase cost. Further, the principles laid out in the Tariff Policy amply clarify to compensate the distribution licensee for the existing level of cross-subsidization.

8.22 In this background, the Petitioner has detailed the computation of Cross Subsidy surcharge in the following table:

Table 72: Cross-subsidy surcharge for Surat Supply Area

Particulars	HTMD-1	HTMD-2	HT-Metro
T – Tariff in Rs/kWh*	7.92	8.31	7.10
PPC – Average cost of power Purchase in Rs/kWh	5.83	5.83	5.83
Avg W – Average Wheeling charges for HT category in Rs / kWh	1.32	1.32	1.32
Cross subsidy Surcharge in Rs/kWh	0.77	1.16	-

Particulars	RGP	NRGP	LTMD	GLP
T – Tariff in Rs/kWh*	6.64	7.37	8.18	6.49
PPC – Average cost of power Purchase in Rs/kWh	5.89	5.89	5.89	5.89
Avg W – Average Wheeling charges for HT category in Rs / kWh	0.97	0.97	0.97	0.97
Cross subsidy Surcharge in Rs/kWh	-	0.50	1.32	-

**Including Regulatory Charge*

Determination of Additional Surcharges

8.23 As per the Regulation 25 of GERC (Terms & Conditions of Intra-State Open Access) Regulations, 2011, the OA consumer will also be required to pay an additional surcharge as per section 42 (4) of the EA 2003.

Chapter 9: Compliance of Directives

9.1 The Hon'ble Commission has issued directives to the Petitioner in its order dated 31st March, 2021 in Case No. 1927/2021.

9.2 The status on compliance of the directives issued by the Hon'ble Commission is as under.

9.3 **EARLIER DIRECTIVES**

1) Long-term Power Procurement Plan along-with RPO Commitments

The Hon'ble Commission has directed the Petitioner to carry out a detailed study of the load growth and power requirement for the next decade and accordingly strategy to meet the requirement from conventional and RE sources till FY 2029-30. In this regard, the Petitioner submits that it is evaluating options to make necessary tie-up with a view to reduce the cost. Regarding RPO fulfilment, the Petitioner has tied up 450 MW solar through bidding process for fulfilment of RPO.

9.4 **FRESH DIRECTIVES**

1) Voltage wise Cost of Supply

The Hon'ble Commission has directed TPL-D to conduct a study to assess technical losses for all the voltage class feeders and some selected LT lines and compute voltage wise cost of supply using data for FY 2020-21. In this regard, the Petitioner submits that it is in process of compiling the details and will submit the same in due course. As such, the Petitioner has already provided details of HT & LT wheeling charges.

Chapter 10: Prayers

10.1 The Petitioner is filing the present petition for Truing up of FY 2020-21, Determination of Aggregate Revenue Requirement (ARR) for FY 2022-23, and determination of tariff for FY 2022-23 for its Distribution business of Surat Supply area.

10.2 In view of the facts and circumstances, the Petitioner prays to the Hon'ble Commission that it may be pleased to:

a) Admit the petition for truing up of FY 2020-21, Aggregate Revenue Requirement for FY 2022-23, and determination of tariff for FY 2022-23.

b) Approve the trued up Gap/ (Surplus) of FY 2020-21 including impact of change in law as set out in the petition.

c) Approve the sharing of gains/ losses as proposed by the Petitioner for FY 2020-21.

d) Approve the Aggregate Revenue Requirement for FY 2022-23.

e) Approve the cumulative Gap/ (Surplus).

f) Approve the wheeling ARR and corresponding charges for wheeling of electricity with effect from 1st April, 2022.

g) Approve the recovery of Regulatory Charge as proposed and/or through retail tariff of FY 2022-23.

h) Allow recovery of the costs as proposed as per the Judgments/ orders of the Hon'ble Tribunal/ Hon'ble Commission in the Appeals/ Review Petitions filed by the Petitioner.

i) Allow additions/ alterations/ changes/ modifications to the petition at a future date.

j) Permit the Petitioner to file all necessary pleading and documents in the proceeding and documents from time to time for effective consideration of the proceeding.

k) Allow any other relief, order or direction which the Hon'ble Commission deems fit to be issued.

l) Condone any inadvertent omissions/ errors/ rounding off difference/ shortcomings.

Declaration that the subject matter of above petition has not been raised by the Petitioner before any other competent forum, and that no other competent forum is currently seized of the matter or has passed any orders in relation thereto.

Place: Ahmedabad

Date: November 29, 2021

Authorised Signatory

(PARESH G. BAROT)
NOTARY
GOVT. OF INDIA

BEFORE THE HON'BLE GUJARAT ELECTRICITY REGULATORY COMMISSION AT GANDHINAGAR

29 NOV 2021

Filing No. _____

Case No. _____

IN THE MATTER OF Filing of Petition under Section 62 and 64 of the Electricity Act, 2003 read with all the applicable Regulations, under the GERC (Multi Year Tariff) Regulations, 2016 for (i) Truing up of FY 2020-21 (ii) Determination of ARR for FY 2022-23; and (iii) Determination of tariff for FY 2022-23 for its Distribution business of Surat Supply Area

AND

IN THE MATTER OF Torrent Power Limited
"Samanvay", 600, Tapovan,
Ambawadi, Ahmedabad – 380 015

.....PETITIONER

AFFIDAVIT

I, Chetan Bundela, son of Shri Manharlal Bundela, aged about 50 years, working as Vice President of Torrent Power Limited, the Petitioner, having office at "Samanvay", 600, Tapovan, Ambawadi, Ahmedabad – 380 015 do solemnly affirm and state on oath as under:

1. That I am duly authorized by the Petitioner Company to swear this Affidavit.

NOTARY
PARESH G. BAROT
AHMEDABAD DIST.
Regd.No. 9655
GOVT. OF INDIA

80

2. That the facts stated in the Petition are based on record and files of the Petitioner Company and they are true and correct to my knowledge, information and belief and I believe the same to be true.

Solemnly affirmed at Ahmedabad on this 29th day of November, 2021

(DEPONENT)

NOTARY
PARESH G. BAROT
AHMEDABAD DIST.
Regd.No. 9585
GOVT. OF INDIA

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SOLEMNLY AFFIRMED
BEFORE ME

(PARESH G. BAROT)
NOTARY
GOVT. OF INDIA

29 NOV 2021

Annexure-1: Proposed Tariff Schedule

FOR SURAT SUPPLY AREA OF TORRENT POWER LIMITED

TARIFF FOR DISTRIBUTION AND SUPPLY OF ELECTRICITY AT LOW TENSION,

HIGH TENSION AND EXTRA HIGH TENSION

EFFECTIVE FROM: 1st April, 2022

GENERAL CONDITIONS

1. This tariff schedule is applicable to all the consumers of TPL in Surat area.
2. All these tariffs for power supply are applicable to only one point of supply.
3. Except in cases where the supply is used for purposes for which a lower tariff is provided in the tariff schedule, the power supplied to any consumer shall be utilized only for the purpose for which supply is taken and as provided for in the tariff.
4. The charges specified in the tariff are on monthly basis, TPL may decide the period of billing and adjust the rates accordingly.
5. The various provisions of the GERC (Licensee's power to recover expenditure incurred in providing supply and other miscellaneous charges) Regulations, 2005, except Meter Charges, will continue to apply.
6. Conversion of Ratings of electrical appliances and equipments from kilowatt to B.H.P. or vice versa will be done, when necessary, at the rate of 0.746 kilowatt equal to 1 B.H.P.
7. The billing of fixed charges based on contracted load or maximum demand shall be done in multiples of 0.5 (one half) Horse Power, kilo -Watt, kilo- Volt -Ampere (HP, kW, kVA), as the case may be. The fraction of less than 0.5 shall be rounded to next 0.5. The billing of energy charges will be done on complete 1.0 (one) kilo-watt-hour (kWh) or kilo-volt-ampere-hour (kVAh) or kilo-volt-ampere-reactive hour (kVArh), as the case may be.
8. Contract Demand shall mean the maximum kW or kVA for the supply of which TPL undertakes to provide facilities to the consumer from time to time.

9. Maximum Demand in a month means the highest value of average kVA or kW as the case may be, delivered at the point of supply of the consumer during any consecutive 15/30 minutes in the said month.

10. TPL may install kWh and kVArh meter for ascertaining power factor, reactive units and kWh units.

11. Payment of penal charges for usage in excess of contract demand/load for any billing period does not entitle the consumer to draw in excess of contract demand/load as a matter of right.

12. The fixed charges, minimum charges, demand charges and the slabs of consumption of energy for energy charges mentioned shall not be subject to any adjustment on account of existence of any broken period within billing period arising from consumer supply being connected or disconnected any time within the duration of billing period for any reason.

13. TOU charges wherever applicable unless otherwise notified shall be levied for the energy consumption during the period between 07.00 hours and 11.00 hours; and between 18.00 hours and 22.00 hours, termed as PEAK HOURS. Night hours concession wherever applicable will be given for the energy consumption during the period between 22.00 hours and 06.00 hours next day, termed as "OFF PEAK HOURS".

14. Fuel Price and Power Purchase Adjustment (FPPPA) charges shall be applicable in accordance with the formula approved by the Gujarat Electricity Regulatory Commission from time to time.

15. Regulatory Charge @ 17 paise/unit shall be billed to all consumers over and above as per this tariff schedule and FPPPA charges.

16. Delayed Payment Charges

    a. No delayed payment charges will be levied if the bill is paid as per the clause 6.52 of GERC (Supply Code) 2015.

    b. Delayed payment charges, if the bill is paid after due date, will be levied at the rate of 15% per annum (computed on daily basis) on the outstanding bill from the due date till the date of payment.

17. Statutory Levies: These tariffs are exclusive of Electricity Duty, Tax on Sales of Electricity, Taxes and other Charges levied/may be levied or such other taxes as may

be levied by the Government or other Competent Authorities on bulk/retail supplies from time to time.

18. The payment of power factor penalty does not exempt the consumer from taking steps to improve the power factor to the levels specified in the Regulations notified under the Electricity Act-2003 and TPL shall be entitled to take any other action deemed necessary and authorized under the Act.

PART- I

RATE SCHEDULE – LOW/ MEDIUM TENSION

230/400 VOLTS

1. RATE: RGP

This tariff is applicable for supply of electricity to Residential premises

Single phase supply – Aggregate load up to 6 kW

Three phase supply - Aggregate load above 6 kW

1.1. FIXED CHARGES

For other than BPL consumers

(a)	Single Phase Supply	Rs. 25 per installation per month
(b)	Three Phase Supply	Rs. 65 per installation per month

For BPL household consumers*

(a)	Fixed charges	Rs. 5 per installation per month

PLUS

1.2. ENERGY CHARGES

For other than BPL consumers

(i)	First 50 units during the month	320 Paise/Unit
(ii)	Next 50 units during the month	365 Paise/Unit
(iii)	Next 150 units during the month	425 Paise/Unit
(iv)	Above 250 units during the month	505 Paise/unit

For BPL household consumers*

(i)	First 50 units consumed per month	150 Paise/Unit
(ii)	For remaining units consumed per month	Rate as per Residential

**The consumer who wants to avail the benefit of the above tariff has to produce a copy of the Card issued by the authority concerned at the office of the Distribution Licensee. The concessional tariff is only for 50 units per month.*

2. RATE: GLP

This tariff will be applicable for use of energy for lights, fans, heating, general load and motive power in premises:

i. Crematoriums and Government and Municipal Hospitals.

ii. Charitable Institutions like hospital, dispensary, educational and Research Institute and Hostel attached to such Institution, religious premises exclusively used for worship or community prayers, registered with Charity Commissioner and specifically exempted from levy of general tax under section 2 (13) of Bombay Trust Act, 1950, read with Section 9 of the Income Tax Act, 1961.

iii. Public Street lights, gardens and conveniences.

iv. Water works and sewerage pumping services operated by Municipal Corporations.

Note: Halls or gardens or any portion of the above premises let out for consideration or used for commercial activities at any time shall be charged at Non-RGP tariff.

Single-phase supply- Aggregate load up to 6kW
Three-phase supply- Aggregate load above 6kW

2.1. FIXED CHARGES

Fixed Charges	Rs. 55 per installation per month

PLUS

2.2. ENERGY CHARGES

Energy Charges	405 Paise/Unit

3. RATE: NON-RGP

This tariff is applicable for supply of electricity to premises which are not covered in any other LT tariff categories, up to and including 15 kW of connected load.

3.1. FIXED CHARGES

(a)	First 10 kW	Rs. 70 per kW per month
(b)	Next 5 kW	Rs. 90 per kW per month

PLUS

3.2. ENERGY CHARGES

For installations having connected load up to 10 kW	435 Paise/Unit
For installations having connected load above 10 kW and up to 15 kW	455 Paise/Unit

4. RATE: LTMD

This tariff is applicable for supply of electricity to premises which are not covered in any other LT tariff categories, having connected load above 15 kW.

This tariff shall also be applicable to consumer covered in category- 'Rate: Non-RGP' so opts to be charged in place of 'Rate: Non-RGP' tariff.

4.1. DEMAND CHARGES

(a)	Up to 20 kVA of Billing Demand	Rs. 115 per kVA/month
(b)	Above 20 kVA and up to 60 kVA Billing Demand	Rs. 155 per kVA/month
(c)	Above 60 kVA of Billing Demand	Rs. 225 per kVA/month
(d)	In Excess of Contract Demand	Rs. 250 per kVA/month

NOTE: Billing Demand during the month shall be highest of the following:

i. Maximum Demand recorded during the month
ii. 85% of the Contract Demand
iii. 6 kVA

PLUS

4.2. ENERGY CHARGES

Energy Charges	485 Paise/unit

PLUS

4.3. REACTIVE ENERGY CHARGES (kVARh UNITS):

For installation having contracted load of 40 kVA and above.

For all the reactive units drawn during the month	10 Paise/kVARh

5. RATE: TMP

Applicable to installations for temporary requirement of electricity supply

5.1. FIXED CHARGES

Fixed Charge per Installation	Rs. 25 per kW per Day

5.2. ENERGY CHARGES

A flat rate of	500 Paise per Unit

6. RATE: AGP

This tariff is applicable to motive power services used for irrigation purposes. The rates for following group are as under

6.1. FIXED CHARGES

Fixed Charges	Rs. 20 per HP per Month

PLUS

6.2. ENERGY CHARGES

A flat rate of	60 Paise/Unit

NOTE:

i. The agricultural consumers shall be permitted to utilize one bulb or CFL up to 40 watts in the pump house without recovering any charges. Any further extension or addition of load will amount to unauthorized extension.

ii. No machinery other than pump for irrigation will be permitted under this tariff.

7. RATE: LT – Electric Vehicle (EV) Charging Stations

This tariff is applicable to consumers who use electricity EXCLUSIVELY for electric vehicle charging installations.

Other consumers can use their regular electricity supply for charging electric vehicle under same regular category i.e. RGP, NRGP, LTMD etc.

7.1. FIXED CHARGE

Rs. 25 per month per installation

7.2. ENERGY CHARGE

Energy Charge	410 Paise per Unit

PART- II

RATE SCHEDULE FOR SERVICE AT HIGH TENSION

1. RATE: HTMD - 1

This tariff shall be applicable for supply of energy to consumers at 11 kV and above for contracting the demand of 100 kVA and above for purposes other than pumping stations run by Local Authorities.

1.1. DEMAND CHARGES

A. For Billing Demand up to Contract Demand

(a)	First 500 KVA of billing demand	Rs. 170 Per kVA
(b)	Above 500 KVA	Rs. 285 Per kVA

B. For Billing Demand in excess over Contract Demand

For Billing Demand in excess over Contract Demand	Rs. 395 Per kVA

NOTE: BILLING DEMAND: Billing demand shall be the highest of the following

i. Actual Maximum Demand established during the month
ii. 85% of the Contract Demand, and
iii. 100 kVA

PLUS

1.2. ENERGY CHARGES

(a)	First 400 units per kVA billing demand per month	480 Paise/unit
(b)	Remaining units consumed per month	470 Paise/unit

PLUS

1.3. TIME OF USE (TOU) CHARGE

For energy Consumption during the two peak periods, Viz., 0700 Hrs. to 1100 Hrs. and 1800 Hrs. to 2200 Hrs.-	
For Billing Demand up to 500 KVA	65 Paise per unit
For Billing Demand above 500 KVA	100 Paise per unit

PLUS

1.4. POWER FACTOR ADJUSTMENT CHARGE

a) Power Factor Adjustment Charges: -

- The power factor adjustment charges shall be levied at the rate of 1% on the total amount of electricity bills for the month under the head "Energy Charges" arrived at using tariff as per para 1.2 of this schedule, for every 1% drop or part thereof in the average power factor during the month below 90% up to 85%.

- In addition to the above clause, for every 1% drop or part thereof in average power factor during the month below 85% at the rate of 2% on the total amount of electricity bill for that month under the head "Energy Charges", arrived at using tariff as per para 1.2 of this schedule, will be charged.

b) Power Factor Adjustment Rebate: -

- If the average power factor of the consumer's installation in any month is above 95%, the consumer will be entitled to a rebate at the rate of 1% in excess of 95% power factor on the total amount of electricity bill for that month under the head "Energy Charges", arrived at using tariff as per para 1.2 of this schedule, for every 1% rise or part thereof in the average power factor during the month above 95%.

1.5. NIGHT TIME CONCESSION:

The energy consumed during night hours between 22.00 hours and 06.00 hours next day (recorded by the tariff meter operated through time switch or built in feature of time segments, if incorporated) shall be eligible for concession of 30 Paise per kWh. The meter and time switch shall be procured and installed by consumer at his cost, if required by TPL-Surat. In such case, TPL-Surat will seal the metering equipment.

PLUS

1.6. REBATE FOR SUPPLY AT EHV

Sr. No.	On Energy Charges	Rebate @
(a)	If supply is availed at 33/66 kV	0.5%
(b)	If supply is availed at 132 kV and above	1.0%

2. RATE: HTMD – 2

This tariff shall be applicable for supply of energy at 11 kV and above and contracting for demand of 100 kVA and above for Water Works and Pumping Stations run by local authorities.

2.1. DEMAND CHARGES

For Billing Demand up to Contract Demand

(A)	First 500 kVA of Billing Demand	Rs. 140 per kVA per month
(B)	Above 500 kVA of Billing Demand	Rs. 225 per kVA per month

For Billing Demand in excess of contract Demand

For billing demand in excess over contract demand	Rs. 360 per kVA per month

NOTE: **BILLING DEMAND:** Billing Demand shall be the highest of the following:

i. Actual maximum demand established during the month
ii. 85% of the Contract Demand, and
iii. 100 kVA

PLUS

2.2. ENERGY CHARGES

(i)	For first 400 units per kVA billing demand per month	475 Paise/unit
(ii)	Remaining units consumed per month	470 Paise/unit

PLUS

2.3. TIME OF USE (TOU) CHARGES

For the Energy Consumption during the two peak periods, *viz*. 0700 Hrs. to 1100 Hrs. & 1800 Hrs. to 2200 Hrs.	
(a) For Billing Demand up to 500 kVA	45 Paise per unit
(b) For Billing Demand above 500 kVA	80 Paise per unit

PLUS

2.4. POWER FACTOR ADJUSTMENT CHARGE

a) Power Factor Adjustment Charges: -

- The power factor adjustment charges shall be levied at the rate of 1% on the total amount of electricity bills for the month under the head "Energy Charges" arrived at using tariff as per para 2.2 of this schedule, for every 1% drop or part thereof in the average power factor during the month below

90% up to 85%.

- In addition to the above clause, for every 1% drop or part thereof in average power factor during the month below 85% at the rate of 2% on the total amount of electricity bill for that month under the head "Energy Charges", arrived at using tariff as per para 2.2 of this schedule will be charged.

b) Power Factor Adjustment Rebate: -

- If the average power factor of the consumer's installation in any month is above 95%, the consumer will be entitled to a rebate at the rate of 1% in excess of 95% power factor on the total amount of electricity bill for that month under the head "Energy Charges", arrived at using tariff as per para 2.2 of this schedule for every 1% rise or part thereof in the average power factor during the month above 95%.

2.5. NIGHT TIME CONCESSION:

The energy consumed during night hours between 22.00 hours and 06.00 hours next day (recorded by the tariff meter operated through time switch or built in feature of time segments, if incorporated) shall be eligible for concession of 30 Paise per kWh. The meter and time switch shall be procured and installed by consumer at his cost, if required by TPL-Surat. In such case, TPL-Surat will seal the metering equipment.

PLUS

2.6. REBATE FOR SUPPLY AT EHV

Sr. No.	On Energy Charges	Rebate @
(a)	If supply is availed at 33/66 kV	0.5%
(b)	If supply is availed at 132 kV and above	1.0%

3. RATE: HTMD - 3

This tariff shall be applicable to a consumer taking supply of electricity at high voltage, contracting for not less than 100 kVA for temporary period. A consumer not taking supply on regular basis under a proper agreement shall be deemed to be taking supply for temporary period.

3.1. FIXED CHARGES

For billing demand up to contract demand	Rs. 25/- per kVA per day

For billing demand in excess of contract demand	Rs. 35/- per kVA per day

NOTE: **BILLING DEMAND:** Billing Demand shall be the highest of the following:

i. Actual maximum demand established during the month
ii. 85% of the Contract Demand, and
iii. 100 kVA

PLUS

3.2. ENERGY CHARGE

For all units consumed during the month	695 Paise/unit

PLUS

3.3. TIME OF USE (TOU) CHARGE

For the Energy Consumption during the two peak periods, *viz*. 0700 Hrs. to 1100 Hrs. & 1800 Hrs. to 2200 Hrs.	
(a) For Billing Demand up to 500 kVA	45 Paise per unit
(b) For Billing Demand above 500 kVA	80 Paise per unit

PLUS

3.4. POWER FACTOR ADJUSTMENT CHARGE

a) Power Factor Adjustment Charges: -

- The power factor adjustment charges shall be levied at the rate of 1% on the total amount of electricity bills for the month under the head "Energy Charges" arrived at using tariff as per para 3.2 of this schedule, for every 1% drop or part thereof in the average power factor during the month below 90% up to 85%.

- In addition to the above clause, for every 1% drop or part thereof in average power factor during the month below 85% at the rate of 2% on the total amount of electricity bill for that month under the head "Energy Charges", arrived at using tariff as per para 3.2 of this schedule will be charged.

b) Power Factor Adjustment Rebate: -

- If the average power factor of the consumer's installation in any month is above 95%, the consumer will be entitled to a rebate at the rate of 1% in excess of 95% power factor on the total amount of electricity bill for that month under the head "Energy Charges", arrived at using tariff as per para 3.2 of this schedule for every 1% rise or part thereof in the average power factor during the month above 95%.

4. RATE: HTMD – METRO TRACTION

Applicable for supply of energy to Metro traction, contracting for maximum demand of 100 kW and above.

4.1. FIXED CHARGE

A. For Billing Demand up to and including Contract Demand

Fixed Charge per kW of Billing Demand per month	Rs. 335 Per kW

B. For Billing Demand in excess of Contract Demand

Fixed Charge per kW of Billing Demand per month	Rs. 385 Per kW

NOTE: The Billing Demand will be taken as under:

i. The Maximum Demand recorded during the month OR
ii. 85% of the Contract Demand OR
iii. 100 kW

Whichever is the highest.

PLUS

4.2. ENERGY CHARGE

A Flat Rate of	345 Paise per unit

PLUS

4.3. TIME OF USE (TOU) CHARGE

For the Consumption during specified hours as mentioned here below- (i) For April to October period- 1200 Hrs. to 1700 Hrs. & 1830 Hrs. to 2130 Hrs. (ii) For November to March period- 0800 Hrs. to 1200 Hrs. & 1800 Hrs. to 2200 Hrs.	60 Paise per unit

4.4. NIGHT TIME CONCESSION

The energy consumed during night hours between 22.00 hours and 06.00 hours next day recorded by the tariff meter having built in feature of time segments shall be eligible for rebate at the rate of 30 Paise per kWh.

PLUS

4.5. POWER FACTOR ADJUSTMENT CHARGE

A. Where the average Power Factor during the Billing period exceeds 90%

For each 1% improvement in the Power Factor from 90% to 95%	Rebate of 0.15 Paise per Unit
For each 1% improvement in the Power Factor above 95%	Rebate of 0.27 Paise per Unit

B. Where the average Power Factor during the Billing period is below 90%

For each 1% decrease in the Power Factor below 90%	Penalty of 3.00 Paise per Unit

5. RATE: NTCT (NIGHT TIME CONCESSIONAL TARIFF)

This is night time concessional tariff for consumers for regular power supply who opt to use electricity EXCLUSIVELY during night hours between 22.00 hours and 06.00 hours next day. The consumer shall provide the switching arrangement as shall be acceptable to TPL Surat to regulate supply hours.

5.1. FIXED CHARGE

Fixed Charges	30% of the Demand Charges under relevant Tariff Category

PLUS

5.2. ENERGY CHARGE

A flat rate of	340 Paise per unit

PLUS

5.3. POWER FACTOR ADJUSTMENT CHARGE

a) Power Factor Adjustment Charges: -

- The power factor adjustment charges shall be levied at the rate of 1% on the total amount of electricity bills for the month under the head "Energy Charges" arrived at using tariff as per para 5.2 of this schedule for every 1% drop or part thereof in the average power factor during the month below 90% up to 85 %.

- In addition to the above clause, for every 1% drop or part thereof in average power factor during the month below 85% at the rate of 2% on the total amount of electricity bill for that month under the head "Energy Charges", arrived at using tariff as per para 5.2 of this schedule will be charged.

b) Power Factor Adjustment Rebate: -

- If the average power factor of the consumer's installation in any month is above 95%, the consumer will be entitled to a rebate at the rate of 1% in excess of 95% power factor on the total amount of electricity bill for that month under the head "Energy Charges", arrived at using tariff as per para 5.2 of this schedule for every 1% rise or part thereof in the average power factor during the month above 95%.

NOTE:

1. 15% of the contracted demand can be availed beyond the night hours prescribed as per para 5.0 above.
2. 10% of total units consumed during the billing period can be availed beyond the night hours prescribed as per 5.0 above.
3. In case the consumer failed to observe condition no.1 above during any of the billing month, then the demand charge during the relevant billing month shall be billed as per HTMD category demand charge rates given in para 1.1 of this schedule.
4. In case the consumer failed to observe condition no.2 above during any of the billing month, then the entire energy consumption during the relevant billing month shall be billed as per HTMD category energy charge rates given in para 1.2 of this schedule.
5. In case the consumer failed to observe above condition no.1 and 2 both during any of the billing month, then the demand charge and entire energy consumption during the relevant billing month shall be billed as per HTMD category demand charge and energy charge rates given in para1.1 and 1.2 respectively, of this schedule.
6. This tariff shall be applicable if the consumer so opts to be charged in place of HTMD tariff by using electricity exclusively during night hours as above.
7. The option can be exercised to shift from regular HTMD tariff category to Rate: NTCT or from Rate: NTCT to regular HTMD tariff four times in a calendar year by giving not less than 15 days' advance notice in writing before commencement of billing period.

6. RATE: HT – Electric Vehicle (EV) Charging Stations

This tariff is applicable to consumers who use electricity EXCLUSIVELY for electric vehicle charging installations.

Other consumers can use their regular electricity supply for charging electric vehicle under same regular category i.e. HTMD-1, HTMD-2, HTMD-3, HT-Metro & NTCT

6.1. DEMAND CHARGE

For Billing Demand up to Contract Demand	Rs. 25 per kVA per month
For Billing Demand in excess of Contract Demand	Rs. 50 per kVA per month

PLUS

6.2. ENERGY CHARGE

Energy Charge	400 Paise per Unit

Annexure 2:

Tariff Filing Forms – Distribution

Torrent Power Ltd
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area

Sr. No.	Title	Reference
1	Aggregate Revenue Requirement - Summary Sheet	ARR-Summary
2	Customer Sales Forecast	Form 1
3	Distribution Losses	Form 1.1
4	Power Purchase Expenses	Form 2
5	Summary of Operations and Maintenance Expenses	Form 3
6	Normative O&M Expenses	Form 3.1
7	Employee Expenses	Form 3.2
8	A&G Expenses	Form 3.3
9	R&M Expenses	Form 3.4
10	Summary of Capital Expenditure & Capitalisation	Form 4
11	Capital Expenditure Plan	Form 4.1
12	Capitalisation Plan	Form 4.2
13	Capital Work in Progress	Form 4.3
14	Assets & Depreciation	Form 5
15	Interest Expenses	Form 6
16	Interest on Working Capital	Form 7
17	Return on Regulatory Equity	Form 8
18	Non-tariff Income	Form 9
19	Revenue	Form 10
20	Sale of Electricity Energy	Form 10A
21	Expected Revenue at Existing Tariff - FY 2022-23	Form 11
22	Expected Revenue at Proposed Tariff - FY 2022-23	Form 12
23	Truing Up Summary	Form 13
24	Cross-subsidy Trajectory	Form 14

NOTE:
(1) Electronic copy in the form of CD containing excel sheets of the Forms shall also be furnished.
(2) Figures in (-ve) must be shown in Brackets- (...) and figures in (+ve) must be shown without Brack

Torrent Power Ltd
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form Summary: Aggregate Revenue Requirement - Summary Sheet

(Rs. Crore)

Sr. No.	Particulars	Reference	True-Up Year (FY 2020-21)		
			Tariff Order	April - March (Audited)	Claimed in the petition
1	Power Purchase Expenses	Form 2	1,745.15	1,483.24	1,471.78
2	Operation & Maintenance Expenses	Form 3	140.94	128.63	127.03
3	Depreciation	Form 5	57.87	77.84	67.80
4	Interest & Finance Charges	Form 6	51.40	64.54	41.21
5	Interest on Working Capital	Form 7	-	-	-
6	Bad Debts written off		0.39	0.56	0.56
7	Contribution to contingency reserves		0.40	0.40	0.40
9	**Total Revenue Expenditure**		**1,996.15**	**1,755.21**	**1,708.78**
10	Return on Equity Capital	Form 8	97.05	-	95.40
11	Income Tax		39.68	-	35.95
12	**Aggregate Revenue Requirement**		**2,132.88**	**1,755.21**	**1,840.12**
13	Less: Non Tariff Income	Form 9	23.85	21.72	6.90
14	Less: Other Comprehensive Income		-	(0.30)	-
15	Less: Income from Other Business		-	-	-
16	**Aggregate Revenue Requirement**		**2,109.03**	**1,733.79**	**1,833.22**

Torrent Power Limited
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form Summary: Aggregate Revenue Requirement - Summary Sheet

Distribution Business

(Rs. Crore)

Sr. No.	Particulars	Reference	MYT Period FY 2022-23 Projected	Remarks
1	Power Purchase Expenses	Form 2	1,973.58	
2	Operation & Maintenance Expenses	Form 3	154.48	
3	Depreciation	Form 5	80.78	
4	Interest & Finance Charges	Form 6	45.40	
5	Interest on Working Capital	Form 7	-	
6	Bad Debts written off		0.51	
7	Contribution to contingency reserves		0.40	
8	**Total Revenue Expenditure**		**2,255.15**	
9	Return on Equity Capital	Form 8	107.26	
10	Income Tax		35.95	
11	**Aggregate Revenue Requirement**		**2,398.36**	
12	Less: Non Tariff Income	Form 9	18.43	
13	Less: Income from Other Business			
14	**Aggregate Revenue Requirement of Wires Business**		**2,379.92**	

Torrent Power Ltd
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 1: Customer Sales & Forecast

True-Up Year (FY 2020-21)

(MU)

Consumer Category & Consumption Slab	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
HT & EHT Category													
HTMD 1	7.12	10.90	16.81	17.10	21.17	25.29	29.01	21.82	24.88	25.25	24.39	30.08	253.80
HTMD 2	3.80	4.35	3.08	4.41	3.78	3.28	5.85	5.93	4.87	4.84	4.11	5.60	53.90
HTMD 3	-	-	-	-	-	-	-	-	-	-	-	-	-
Low Voltage Category	-	-	-	-	-	-	-	-	-	-	-	-	
RGP	48.88	102.30	94.51	69.85	59.93	66.93	72.02	54.82	42.45	40.95	44.25	67.84	764.72
CGP / Non RGP	19.57	22.42	48.71	42.19	47.68	76.49	101.51	91.16	90.40	99.49	98.01	112.65	850.31
LTMD	16.24	13.05	32.28	29.17	38.33	59.85	79.01	64.82	73.80	78.80	83.69	90.73	659.78
GLP	1.91	1.58	1.24	1.55	1.62	1.62	1.81	1.71	1.60	1.71	1.58	1.77	19.71
AG	0.12	0.12	0.07	0.05	0.05	0.06	0.08	0.09	0.08	0.07	0.09	0.12	0.98
TEMPORARY	-	0.00	-	-	0.00	0.00	0.00	-	-	-	0.00	0.00	0.01
DOE	-	0.00	0.01	0.00	0.00	0.01	0.04	0.03	0.05	0.08	0.04	0.08	0.34
Total	**97.65**	**154.71**	**196.70**	**164.31**	**172.57**	**233.52**	**289.33**	**240.37**	**238.14**	**251.20**	**256.16**	**308.86**	**2,603.54**

(Licensees are required to provide the details for the customer categories applicable to their licence area)

Torrent Power Limited
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 1: Customer Sales & Forecast

Ensuing Years (FY 2022-23)

(MU)

Consumer Category & Consumption Slab	FY 2022-23
HT & EHT Category	
HTMD-1	
Slab 1 - upto 500 kVA	
Energy units First 400 units/BD / month	123.33
Remaining energy units	10.08
Total	**133.41**
Slab2 - More than 500 kVA	
Energy units First 400 units/BD / month	155.44
Remaining energy units	15.17
Total	**170.61**
Sub Total (HTMD-1)	**304.02**
HTMD-2	
Slab 1 - upto 500 kVA	
Energy units First 400 units/BD / month	6.43
Remaining energy units	0.03
Total	**6.46**
Slab2 - More than 500 kVA	
Energy units First 400 units/BD / month	38.23
Remaining energy units	1.82
Total	**40.05**
Sub Total (HTMD-2)	**46.51**
Total HTMD	**350.53**
Low Voltage Category	
RGP	
Slab -1 RGP (0 to 50)	28.52
Slab-2 RGP (51 to 100)	97.92
Slab -3 GP (101 to 250)	302.79
Slab-4 RGP (More than 250)	390.53
Total-RGP	**819.76**
NRGP	
Slab 1 (<= 10 kW)	782.85
Slab2 (> 10 kW)	422.26
Total-NRGP	**1,205.11**
LTMD	
Slab-1 upto 20 kVA	186.09
Slab-2 20 kVA to 60 kVA	478.93
Slab-3 more than 60 kVA	208.64
Total -LTMD	**873.66**
GLP	25.11
AGP	1.13
TEMP	0.25
Total	**3,275.56**

(Licensees are required to provide the details for the customer categories applicable to their licence area)

Past Years Sales

(MU)

Consumer Category & Consumption Slab	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
HTMD-1	252.53	276.44	282.61	281.72	253.80
HTMD-2	46.48	44.87	42.82	45.23	53.90
HTMD-3	0.04	-	0.05	-	-
RGP	772.33	815.56	809.33	811.86	764.72
NRGP	1,194.98	1,218.53	1,209.29	1,204.16	850.31
LTMD	914.82	917.96	904.82	915.88	659.78
GLP	26.45	25.14	24.96	24.91	19.71
AGP	1.02	0.95	1.02	0.93	0.98
TEMP	0.38	0.37	0.28	0.24	0.01
DOE	1.51	1.07	0.98	1.08	0.34
Total	**3,210.54**	**3,300.89**	**3,276.15**	**3,286.01**	**2,603.54**

(Licensees are required to provide the details for the customer categories applicable to their licence area)

Torrent Power Ltd
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 1.1: Distribution Losses

True-Up Year (FY 2020-21) **(MU)**

Sr. No.	Voltage Level	Energy Input	Energy Sent to lower network	Direct Sale	Wheeled Units	Total Output	Total Losses	Total Losses (% of Energy Input)	Total Technical Loss	Total Technical Losses (% of Energy Input)	Total Commercial Loss	Total Commercial Loss (% of Energy Input)
	HT	318.03	307.70	307.70		307.70	10.34	3.25%				
	LT	2,395.74	2,317.88	2,295.84		2,295.84	99.90	4.17%				
	Total	**2,713.77**	**2,625.58**	**2,603.54**		**2,603.54**	**110.24**	**4.06%**				

Torrent Power Ltd
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 1.1: Distribution Losses

FY 2022-23 **(MU)**

Sr. No.	Voltage Level	Energy Input (including Wheeling Units)	Energy Sent to lower network	Direct Sale	Wheeled Units	Total Output	Total Losses	Total Losses (% of Energy Input)	Total Technical Loss	Total Technical Losses (% of Energy Input)	Total Commercial Loss	Total Commercial Loss (% of Energy Input)
	HT	362.30	350.53	350.53	-	350.53	11.77	3.25%				
	LT	3,067.60	2,967.90	2,925.03	-	2,925.03	142.57	4.65%				
	Total	**3,429.90**	**3,318.43**	**3,275.56**	**-**	**3,275.56**	**154.35**	**4.50%**				

Torrent Power Ltd
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 2: Power Purchase Expenses

True-Up Year (FY 2020-21)

Source of Power (Station wise)	Installed Capacity (MW)	Utility share (%)	Utility share (MW)	Energy Received (MU)	Total Annual Fixed charges (Rs Crore)	Capacity Charges paid/ payable by Utility (Rs Crore)	Variable Cost per unit (Rs/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Please specify the type of charges)	Total Cost of Energy purchased (Rs Crore)	Per Unit Cost of energy purchased (Rs/kWh)
	a	b	c	d	e	f	g	h	i	j	k=j/d
AMGEN	362.00	100%	362.00	1,285.26		315.43	3.33	427.72	-	743.14	5.78
SUGEN	1,147.50	75%	858.61	5,623.54		675.19	4.33	2,433.44	-	3,108.63	5.53
UNOSUGEN	382.50	75%	285.86	1,740.94		234.76	3.27	569.34		804.10	4.62
Bilateral & Others				77.03		-	3.94	30.34		30.34	3.94
Power Exchange				245.97			4.59	112.90		112.90	4.59
Renewables	581.00	100%	581.00	1,118.39		-	5.90	659.59		659.59	5.90
REC				-	-	-	-	-		-	-
GETCO LTOA charges						-				-	
Total				**10,091.14**	**-**	**1,225.37**		**4,233.32**	**-**	**5,458.70**	
Adjustment for surplus power/UI/ Wind Setoff				55.43							
Energy Required for TPL-D (S) (MU)										2,735.73	
Power Purchase Cost for TPL-D (S)										**1,471.78**	

Torrent Power Ltd
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 2: Power Purchase Expenses

FY 2022-23

Source of Power (Station wise)	Installed Capacity (MW)	Utility share (%)	Utility share (MW)	Energy Received (MU)	Total Annual Fixed charges (Rs Crore)	Capacity Charges paid/ payable by Utility (Rs Crore)	Variable Cost per unit (Rs/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Please specify the type of charges)	Total Cost of Energy purchased (Rs Crore)	Per Unit Cost of energy purchased (Rs/kWh)
	a	b	c	d	e	f	g	h	i	j	k=j/d
AMGEN				2,558.69	-	326.18	4.25	1,086.31	-	1,412.49	5.52
SUGEN				4,376.93	-	606.50	5.43	2,376.89	-	2,983.39	6.82
UNOSUGEN				-	-	228.00	-	-		228.00	-
Bilateral & Others				3,326.41	-	-	4.00	1,330.56	-	1,330.56	4.00
Renewables				1,584.21	-	-	4.50	712.62	-	712.62	4.50
REC				-	-	-	-	-	-	-	-
Total				**11,846.25**		**1,160.68**		**5,506.38**		**6,667.06**	
Energy Required for TPL-D (S) (MU)										3,506.71	
Power Purchase Cost for TPL-D (S)										**1,973.58**	

Torrent Power Ltd
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 3: Operations and Maintenance Expenses Summary

(Rs. Crore)

Sr. No.	Particulars	Reference	True-Up Year (FY 2020-21)			Remarks
			Tariff Order	Petition	Deviation	
			(a)	(b)	(c) = (b) - (a)	
1	O&M Expenses					
1.1	Employee Expenses			62.59		
1.2	R&M Expenses		140.94	31.14	(13.91)	
1.3	A&G Expenses			33.30		
2	O&M Expense capitalised					
3	**Total Operation & Maintenance Expenses (net of capitalisation)**		**140.94**	**127.03**	**(13.91)**	

Torrent Power Limited
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 3: Operations and Maintenance Expenses Summary

(Rs. Crore)

Sr. No.	Particulars	Reference	MYT Period FY 2022-23 Projected	Remarks
1	O&M Expenses	Form 3.1	154.48	
1.1	Employee Expenses		75.13	
1.2	R&M Expenses		38.47	
1.3	A&G Expenses		40.87	
3	**Total Operation & Maintenance Expenses (net of capitalisation)**		**154.48**	

Torrent Power Limited
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 3.1: Normative O&M Expenses

Distribution Business

Sr. No.	Particulars	Approved/ Actual O&M Expense			3-Year Average	Normative*	MYT Control Period
		FY 2018-19	FY 2019-20	FY 2020-21		FY 2021-22	FY 2022-23
		(a)	(b)	(c)	(d)= [(a)+(b) +(c)]/3	(e)	Normative$
1	Employee Expenses	62.11	66.06	62.59	63.59	71.07	75.13
2	R & M Expenses	36.26	30.28	31.14	32.56	36.39	38.47
3	A & G Expenses	35.33	35.10	33.35	34.59	38.66	40.87
4	**Total O&M Expenses**	**133.70**	**131.44**	**127.08**	**130.74**	**146.12**	**154.48**

Note This form should be submitted for each station separately alongwith separate details for H.O. Expenses
* Normative O&M expenses for FY 2021-22 to be computed by escalating (d) by 5.72% twice
$ Normative O&M expenses for each Year of the Control Period to be computed by escalating (e) by 5.72% year on year

Torrent Power Ltd
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 3.2: Employee Expenses

(Rs. Crore)

Sr. No.	Particulars	True-Up Year (FY 2020-21)		
		April-March (Audited)		
		Regulated Business	Non-regulated Business	Total (Audited)
1	Salaries, Wages & Bonus	72.40	-	72.40
2	Employee welfare expenses	3.13	-	3.13
3	Commission to Non-Executive Directors	0.97	-	0.97
4	Contribution to provident and other funds	5.11	-	5.11
5	Gratuity	2.01	-	2.01
6	Compensated absences	3.01	-	3.01
7	**Gross Employee Expenses**	**86.63**	**-**	**86.63**
8	Less: Expenses allocated to capital works and R&M	24.34	**-**	24.34
9	Add: Remeasurement of the defined benefit plans	0.30	**-**	0.30
10	**Net Employee Expenses**	**62.59**	**-**	**62.59**

Torrent Power Ltd
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 3.3: Administration & General Expenses

(Rs. Crore)

Sr. No.	Particulars	True-Up Year (FY 2020-21)		
		April-March (Audited)		
		Regulated Business	Non-regulated Business	Total (Audited)
1	Rent and hire charges	1.44	-	1.44
2	Insurance	1.33	-	1.33
3	Rates and Taxes	1.68	-	1.68
4	Legal charges	3.59	-	3.59
5	Professional and Consultancy fees		-	
6	Electricity expenses	2.51	-	2.51
7	Security expenses	4.64	-	4.64
8	Vehicle Running Expenses	3.63	-	3.63
9	Miscellaneous Expenses	11.54	-	11.54
10	Consumption of Stores & Spares	7.24	-	7.24
11	Loss of sale of fixed assets	1.38	-	1.38
12	Directors' sitting fees	0.08	-	0.08
13	Statutory Auditors' remuneration	0.23	-	0.23
14	Bad debts written off (net of recovery)	0.39	-	0.39
15	Allowance of doubtful debt (net)	1.48	-	1.48
16	**Gross A&G Expenses**	**41.16**	**-**	**41.16**
17	Less: Expenses Capitalised	5.57	-	5.57
18	Less: Bad debts written off (net of recovery)	0.39	-	0.39
19	Less: Insurance claim receipt *	0.05	-	0.05
20	Less: Allowance of doubtful debt (net)	1.48	-	1.48
21	Less: DSM expenses	-	-	-
22	Less: Sponsorship Expenses	0.00	-	0.00
23	Less: Advertisement Expenses	0.02	-	0.02
24	Less: Expenses related Surya Gujarat Solar roof top scheme	0.40		0.40
25	Add: Lease Payments	0.06		0.06
26	**Net A&G Expenses**	**33.30**	**-**	**33.30**

** Receipt of the claim made as per Note-29 of the Audited Accounts*

Torrent Power Limited
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 3.4: Repair and Maintenance Expenses

(Rs. Crore)

Sr. No.	Particulars	True-Up Year (FY 2020-21)
		(Audited)
1	Plant & Machinery	28.98
2	Buildings	1.67
3	Others	0.49
4	**Gross R&M Expenses**	**31.14**
5	Less: Expenses Capitalised	-
6	**Net R&M Expenses**	**31.14**
7	Gross Fixed Assets at beginning of year	1,920.37
8	R&M Expenses as % of GFA at beginning of year	1.62%

TORRENT POWER LTD

Surat Supply Area

MYT Petition, True-up Petition Formats - Distribution Supply Area

Form 4: Summary of Capital Expenditure and Capitalisation

Distribution Business

(Rs. Crore)

Sr. No.	Particulars	True-Up Year 2020-21		
		Tariff Order	April-March (Audited)	Deviation
		(a)	(b)	(c) = (b) - (a)
1	Capital Expenditure	176.64	112.96	(63.68)
2	Capitalisation	167.92	119.58	(48.34)
3	IDC			
4	Capitalisation + IDC	167.92	119.58	(48.34)

Torrent Power Limited
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 4: Summary of Capital Expenditure and Capitalisation

(Rs. Crore)

Sr. No.	Particulars	MYT Period FY 2022-23 Projected	Remarks
1	Capital Expenditure	319.99	
2	Capitalisation	199.40	
3	IDC		
4	Capitalisation + IDC	199.40	

Torrent Power Ltd.
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 4.1: Capital Expenditure Plan

Project Details

(Rs. Crore)

Project Number	Project Title	CAPITAL EXPENDITURE
FY 2020-21		
	EHV Network	49.56
	HT Network	21.74
	LT Network	16.68
	Meter Management	4.52
	Special Projects	16.20
	Miscellaneous	2.62
	IT & Related Expenditure	1.64
TOTAL		**112.96**

Torrent Power Limited
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 4.1: Capital Expenditure Plan

Project Details

(Rs. Crore)

Project Code	Project Title	Project Purpose	Project Start Date	Project Completion date	Cost of the Project
			Original	Original	Original
	EHV Network				100.34
	HV Network				53.49
	LV Network				38.86
	Special Projects				103.30
	Support Functions				9.04
	Meter Management				9.44
	Customer Care				0.60
	IT Related Expenditure				4.91
	TOTAL				**319.99**

Project Details

(Rs. Crore)

		CAPITAL EXPENDITURE
Project Number	Project Title	FY 2022-23
		Projected
	EHV Network	100.34
	HV Network	53.49
	LV Network	38.86
	Special Projects	103.30
	Support Functions	9.04
	Meter Management	9.44
	Customer Care	0.60
	IT Related Expenditure	4.91
TOTAL		**319.99**

Financing Plan

(Rs. Crore)

Project Number	SOURCE OF FINANCING FOR CAPITAL EXPENDITURE						
	Internal Accruals	Equity	Debt				
			Loan Amount	Interest Rate (% p.a.)	Tenure of Loan (years)	Moratorium Period (years)	Loan Source
FY 2022-23		96.00	223.99	7.85%		-	
TOTAL		**96.00**	**223.99**				

Note: Separate Forms shall be submitted for each Renovation and Modernisation Scheme

Torrent Power Ltd
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 4.2: Capitalisation Plan

(Rs. Crore)

Sr. No.	Project Code	Project Title	Debt Equity Ratio	Date of Completion	Benefits in Quantified Terms	Capital Expenditure Actual FY 2020-21	Capitalisation Actual FY 2020-21
	EHV						
	New 220 kV EHV SS		70/30			36.57	61.10
	220 kV EHV Line / Cable					0.16	0.07
	New 66 kV EHV SS					1.77	-
	Additional 66 KV Connectivity					6.46	-
	Additional / Augmentation / Replacement of Power Transformer & ICT					3.35	3.35
	Replacement & Renovation in existing EHV SS					0.90	1.07
	Supporting Infrastructure - EHV					0.34	0.68
	Total EHV					**49.56**	**66.26**
	HT						
	11 kV HT Network Development & Modification					1.04	1.04
	Replacement / Shifting of HT Network					1.45	1.45
	Distribution substation automation					3.83	3.83
	New Distribution Substations					5.04	5.99
	New HT Consumers					1.25	0.90
	Additional / Augmentation / Replacement of Dist. X'mer					2.54	2.58
	Installation / Replacement of 11 kV S/Gear / LT Panel / Breaker and Acc. for Safety					0.23	0.23
	DSS Asset strengthening for Safety					5.95	5.91
	Supporting Infrastructure - HT					0.41	0.41
	Total HT					**21.74**	**22.35**
	LT						
	New Connections / Load Extension					8.48	8.51
	LT Network Development & Modification					4.84	4.89
	Repl. of MSP / MB for Safety & Reliability					3.29	3.30
	Supporting Infrastructure - LT					0.07	0.07
	Total LT					**16.68**	**16.77**
	Special Projects						
	Establishment of Central Store at E SS					0.08	0.08
	Implementation of Geographical Information system (GIS)					0.31	0.31
	Infrastructure development for PSC & Other offices					15.82	4.94
	Total Special Projects					**16.20**	**5.33**
	Civil					1.42	1.39
	Meter Management					4.52	4.65
	IT					1.64	1.64
	Others					1.20	1.19
	Grand Total					**112.96**	**119.58**

Torrent Power Limited
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 4.2: Capitalisation Plan

(Rs. Crore)

Sr. No.	Project Code	Project Title	Debt Equity Ratio	Date of Completion	Benefits in Quantified Terms	Capital Expenditure Projected FY 2022-23	Capitalisation Projected FY 2022-23
	EHV Network	New 220 kV EHV SS				1.00	1.00
		220 kV EHV Line / Cable				4.15	4.15
		New 66 kV EHV SS				72.96	-
		Additional / Augmentation / Replacement of Power Transformer & ICT				4.81	4.81
		Replacement & Renovation in existing EHV SS				4.26	4.26
		Supporting Infrastructure - EHV				13.17	3.17
		Total				**100.34**	**17.38**
	HT Network	11 kV HT Network Development & Modification				1.90	1.90
		Replacement / Shifting of HT Network				2.46	2.46
		Distribution substation automation				7.68	7.68
		New Distribution Substations				12.72	12.72
		New HT Consumers				6.75	6.75
		Additional / Augmentation / Replacement of Dist. X'mer				5.59	5.59
		Installation / Replacement of 11 kV S/Gear / LT Panel / Breaker and Acc. for Safety				0.43	0.43
		DSS Asset strengthening for Safety				13.93	13.93
		Reactive Power compensation				0.63	0.63
		Supporting Infrastructure - HT				1.42	1.42
		Total				**53.49**	**53.49**
	LT Network	New Connections / Load Extension				17.46	17.46
		LT Network Development & Modification				8.43	8.43
		Repl. of MSP / MB for Safety & Reliability				11.68	11.68
		Earthing Reactivation of LT assets for Safety				1.10	1.10
		Supporting Infrastructure - LT				0.20	0.20
		Total				**38.86**	**38.86**
	Special Projects	Metro rail project				8.08	6.00
		Advanced Metering Infrastructure system				25.57	25.57
		Infrastructure development for PSC & Other office				69.65	33.17
		Total				**103.30**	**64.74**
	Other - Support Functions	Other - Support Functions				9.04	9.97
	Meter Management	Normal Load Growth				9.44	9.44
	Customer Care	Renovation/Upgradation of existing customer centre /Call centre/Collection centre				0.60	0.60
	IT Related Expenditure	IT				4.91	4.91
	Total					**319.99**	**199.40**

Torrent Power Ltd
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 4.3: Capital Work-in-progress - Project-wise details

(Rs. Crore)

Sr. No.	Project Code	Cumulative Expenditure Incurred	Expenditure Capitalised	Opening CWIP	Investment during the year	Capital Work in Progress				Closing CWIP
						Works Capitalised	Interest Capitalised	Expenses Capitalised	Total Capitalisation	
	FY 2020-21									
	EHV									
	New 220 kV EHV SS	61.57		24.99	36.57				61.10	0.47
	220 kV EHV Line / Cable	0.16		-	0.16				0.07	0.09
	New 66 kV EHV SS	1.77		-	1.77				-	1.77
	Additional 66 KV Connectivity	8.74		2.28	6.46				-	8.74
	Additional / Augmentation / Replacement of Power Transformer & ICT	3.35		-	3.35				3.35	-
	Replacement & Renovation in existing EHV SS	1.07		0.16	0.90				1.07	-
	Supporting Infrastructure - EHV	0.68		0.34	0.34				0.68	-
	Total EHV	**77.33**		**27.77**	**49.56**				**66.26**	**11.07**
	HT									
	11 kV HT Network Development & Modification	1.04		-	1.04				1.04	-
	Replacement / Shifting of HT Network	1.45		-	1.45				1.45	-
	Distribution substation automation	3.83		-	3.83				3.83	-
	New Distribution Substations	6.45		1.41	5.04				5.99	0.45
	New HT Consumers	1.26		0.01	1.25				0.90	0.35
	Additional / Augmentation / Replacement of Dist. X'mer	3.01		0.47	2.54				2.58	0.43
	Installation / Replacement of 11 kV S/Gear / LT Panel / Breaker and Acc. for Safety	0.23		-	0.23				0.23	-
	DSS Asset strengthening for Safety	5.95		-	5.95				5.91	0.03
	Supporting Infrastructure - HT	0.41		-	0.41				0.41	-
	Total HT	**23.62**		**1.88**	**21.74**				**22.35**	**1.27**
	LT									
	New Connections / Load Extension	8.74		0.25	8.48				8.51	0.23
	LT Network Development & Modification	4.89		0.05	4.84				4.89	-
	Repl. of MSP / MB for Safety & Reliability	3.30		0.01	3.29				3.30	-
	Supporting Infrastructure - LT	0.07		-	0.07				0.07	-
	Total LT	**17.00**		**0.31**	**16.68**				**16.77**	**0.23**
	Special Projects									
	Establishment of Central Store at E SS	0.08		-	0.08				0.08	-
	Implementation of Geographical Information system (GIS)	0.31		-	0.31				0.31	-
	Infrastructure development for PSC & Other offices	17.87		2.06	15.82				4.94	12.93
	Total Special Projects	**18.26**		**2.06**	**16.20**				**5.33**	**12.93**
	Civil	1.49		0.07	1.42				1.39	0.10
	Meter Management	4.67		0.15	4.52				4.65	0.03
	IT	1.64		-	1.64				1.64	-
	Others	1.38		0.18	1.20				1.19	0.19
	Grand Total	**145.39**		**32.43**	**112.96**				**119.58**	**25.81**

Torrent Power Limited
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 4.3: Capital Work-in-progress - Project-wise details

(Rs. Crore)

Sr. No.	Project Code		Cumulative Expenditure Incurred	Expenditure Capitalised	Opening CWIP	Investment during the year	Capital Work in Progress				Closing CWIP
							Works Capitalised	Interest Capitalised	Expenses Capitalised	Total Capitalisation	
	FY 2022-23										
		New 220 kV EHV SS				1.00				1.00	
		220 kV EHV Line / Cable				4.15				4.15	
		New 66 kV EHV SS				72.96				-	
	EHV Network :	Additional / Augmentation / Replacement of Power Transformer & ICT				4.81				4.81	
		Replacement & Renovation in existing EHV SS				4.26				4.26	
		Supporting Infrastructure - EHV				13.17				3.17	
		11 kV HT Network Development & Modification				1.90				1.90	
		Replacement / Shifting of HT Network				2.46				2.46	
		Distribution substation automation				7.68				7.68	
		New Distribution Substations				12.72				12.72	
		New HT Consumers				6.75				6.75	
	HT Network	Additional / Augmentation / Replacement of Dist. X'mer				5.59				5.59	
		Installation / Replacement of 11 kV S/Gear / LT Panel / Breaker and Acc. for Safety				0.43				0.43	
		DSS Asset strengthening for Safety				13.93				13.93	
		Reactive Power compensation				0.63				0.63	
		Supporting Infrastructure - HT				1.42				1.42	
		New Connections / Load Extension				17.46				17.46	
		LT Network Development & Modification				8.43				8.43	
	LT Network	Repl. of MSP / MB for Safety & Reliability				11.68				11.68	
		Earthing Reactivation of LT assets for Safety				1.10				1.10	
		Supporting Infrastructure - LT				0.20				0.20	
		Metro rail project				8.08				6.00	
	Special Projects	Advanced Metering Infrastructure system				25.57				25.57	
		Infrastructure development for PSC & Other office				69.65				33.17	
	Other - Support Functions	Other - Support Functions				9.04				9.97	
	Meter Management	Normal Load Growth				9.44				9.44	
	Customer Care	Renovation/Upgradation of existing customer centre /Call centre/Collection centre				0.60				0.60	
	IT Related Expenditure	IT				4.91				4.91	
	Total					**319.99**	-	-	-	**199.40**	

Torrent Power Ltd
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 5: Assets & Depreciation

Fixed Assets and Depreciation For True Up year and each Year of MYT Control Period - FY 2020-21 **(Rs. Crore)**

Particulars	Gross Block				Depreciation				Applicable rate of Depreciation (%)	Net Block	
	As at the beginning of the Financial Year	Additions	Deductions	As at the end of the Financial Year	As at the beginning of the Financial Year	Additions	Deductions	As at the end of the Financial Year		As at the beginning of the Financial Year	As at the end of the Financial Year
Land	31.47	-	-	31.47	2.66	0.18	-	2.84	0.00%/1.01%	28.81	28.63
Buildings	95.22	5.27	-	100.49	16.67	2.64	-	19.31	1.80/3.34/3.60/18%	78.55	81.15
Plant & Machinery	725.90	33.10	5.41	753.59	312.76	33.97	4.26	342.47	3.60/5.28/6%	413.14	411.13
Lines & Cables	1,013.87	77.20	0.76	1,090.31	388.77	37.72	0.42	426.07	2.57/3.60/5.28/6%	625.10	664.24
Vehicles	1.17	0.10	0.18	1.09	0.18	0.11	0.15	0.13	9.5/18%	0.99	0.96
Furniture & Fixtures	6.17	0.98	-	7.15	3.64	0.23	-	3.87	6 / 6.33%	2.53	3.25
Office Equipments & Elec Fitt & Appa.	30.11	1.38	0.16	31.33	19.24	1.39	0.10	20.53	3.60/5.28/6/6.33/15%	10.87	10.80
Intangible Assets	16.46	1.55	-	18.01	14.53	1.55	-	16.08	6/33.33%	1.93	1.93
TOTAL	**1,920.37**	**119.58**	**6.51**	**2,033.44**	**758.45**	**77.79**	**4.93**	**831.30**		**1,161.92**	**1,202.09**
Less SLC and Others	216.51	9.19	-	225.70	85.02	9.99	-	95.01		131.49	130.68
TOTAL NET	**1,703.86**	**110.39**	**6.51**	**1,807.76**	**673.43**	**67.80**	**4.93**	**736.29**		**1,030.43**	**1,071.41**

Torrent Power Limited
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 5: Assets & Depreciation

FY 2022-23 **(Rs. Crore)**

Particulars	Gross Block				Depreciation				Applicable rate of Depreciation (%) *	Net Block	
	As at the beginning of the Financial Year	Additions	Deductions	As at the end of the Financial Year	As at the beginning of the Financial Year	Additions	Deductions	As at the end of the Financial Year		As at the beginning of the Financial Year	As at the end of the Financial Year
Land	31.47	-	-	31.47	3.02	0.18	-	3.20	0/1.01%	28.45	28.27
Buildings	106.68	25.57	-	132.25	22.13	3.35		25.48	1.80/3.34/3.60/18%	84.55	106.77
Plant & Machinery	839.61	95.73	-	935.34	378.16	38.62		416.77	3.60/5.28/6%	461.45	518.57
Line & Cables	1,141.49	52.78	-	1,194.26	468.34	43.19		511.53	2.57/3.60/5.28/6%	673.14	682.73
Vehicles	1.09	-	-	1.09	0.26	0.12		0.37	18/9.5%	0.83	0.72
Furniture & Fixtures	7.89	2.48	-	10.37	4.14	0.37		4.52	6/6.33%	3.75	5.85
Office Equipments & Elec Fitt & Appa.	41.30	13.43	-	54.73	22.20	3.57		25.78	3.60/5.28/6/6.33/15%	19.09	28.95
Intangible Asset	19.48	9.41	-	28.90	17.39	2.59		19.98	6/33.33%	2.09	8.92
TOTAL	**2,189.01**	**199.40**	**-**	**2,388.41**	**915.64**	**91.99**	**-**	**1,007.64**		**1,273.37**	**1,380.78**
Less : SLC & Grants	239.50	22.08		261.58	105.67	11.21	-	116.88		133.83	144.70
Net	**1,949.51**	**177.32**	**-**	**2,126.84**	**809.98**	**80.78**	**-**	**890.76**		**1,139.54**	**1,236.07**

TORRENT POWER LTD
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 6: Interest Expenses

A. Normative Loan

(Rs. Crore)

Sr. No.	Source of Loan	True-Up Year (FY2020-21)		
		Tariff Order	April-March (Audited)	Deviation
		(a)	(b)	(c) = (b) - (a)
1	Opening Balance of Normative Loan	348.30	329.96	(18.34)
2	Less: Reduction of Normative Loan due to retirement or replacement of assets	-	(0.37)	(0.37)
3	Addition of Normative Loan due to capitalisation during the year	112.12	77.27	(34.85)
4	Repayment of Normative loan during the year	57.87	67.80	9.93
5	Closing Balance of Normative Loan	402.55	339.81	(62.74)
6	Average Balance of Normative Loan	375.43	334.89	(40.54)
7	Weighted average Rate of Interest on actual Loans (%)	8.54%	7.94%	-0.60%
8	Interest Expenses	32.06	26.59	(5.47)
9	Interest on Security Deposit from Consumers and Distribution system Users	19.34	14.46	(4.88)
10	Finance Charges	-	0.16	0.16
11	**Total Interest & Finance Charges**	**51.40**	**41.21**	(10.20)

Torrent Power Limited
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 6: Interest Expenses

A. Normative Loan

(Rs. Crore)

Sr. No.	Source of Loan	MYT Period FY 2022-23 Projected	Remarks
1	Opening Balance of Normative Loan	365.37	
2	Less: Reduction of Normative Loan due to retirement or replacement of assets	-	
3	Addition of Normative Loan due to capitalisation during the year	124.12	
4	Repayment of Normative loan during the year	80.78	
5	Closing Balance of Normative Loan	408.72	
6	Average Balance of Normative Loan	387.05	
7	Weighted average Rate of Interest on actual Loans (%)	7.85%	
8	Interest Expenses	30.38	
9	Interest on Security Deposit from Consumers and Distribution system Users	15.01	
10	Finance Charges	-	
11	**Total Interest & Finance Charges**	**45.40**	

Torrent Power Ltd
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 7: Interest on Working Capital

A. True-up Year (FY 2020-21)

(Rs. Crore)

Sr. No	Particulars	Norm	True-up Year (FY 2020-21)		
			Tariff Order	Audited	True-Up Petition
	Computation of Working Capital				
1	O&M expenses	1 month	11.75		10.59
2	Maintenance Spares	1% GFA	19.26		19.20
3	Receivables	1 month	175.79		157.14
4	**Working Capital requirement**		206.80		186.93
	Less:				
5	Amount held as security deposit from Distribution System Users		309.48		324.64
6	**Total Working Capital**		-		-
	Computation of working capital interest				
7	Interest Rate (%)		10.65%		9.57%
8	**Interest on Working Capital**		-		-
9	**Actual Working Capital Interest**				

Torrent Power Limited
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 7: Interest on Working Capital

(Rs. Crore)

Sl. No	Particulars	Norm	MYT Period
			FY 2022-23
	Computation of Working Capital		
1	O&M expenses	1 month	12.87
2	Maintenance Spares	1% GFA	21.89
3	Receivables	1 month	198.33
4	**Working Capital requirement**		**233.09**
	Less:		
5	Amount held as security deposit from Distribution System Users		353.26
6	**Total Working Capital**		-
	Computation of working capital interest		
7	Interest Rate (%)		9.57%
8	**Interest on Working Capital**		**-**

Torrent Power Ltd
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 8: Return on Regulatory Equity

(Rs. Crore)

Sr. No.	Particulars	Legend	True-Up Year (FY 2020-21)		
			Norm	Tariff Order	Claimed in Petition
1	Regulatory Equity at the beginning of the year	A		669.21	665.86
2	Capitalisation during the year	B		160.17	110.39
3	Equity portion of capitalisation during the year	C		48.05	33.12
4	Reduction in Equity Capital on account of retirement / replacement of assets	D		-	1.95
5	Regulatory Equity at the end of the year	E=A+C-D		717.26	697.02
	Return on Equity Computation				
6	Return on Regulatory Equity at the beginning of the year	F		93.69	93.22
7	Return on Regulatory Equity addition during the year	G=(C-D)/2		3.36	2.18
8	**Total Return on Equity**			**97.05**	**95.40**

Torrent Power Limited
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 8: Return on Regulatory Equity

(Rs. Crore)

Sr. No.	Particulars	Legend	MYT Period
			FY 2022-23
			Projected
1	Regulatory Equity at the beginning of the year	A	739.55
2	Capitalisation during the year	B	177.32
3	Equity portion of capitalisation during the year	C	53.20
4	Reduction in Equity Capital on account of retirement / replacement of assets	D	-
5	Regulatory Equity at the end of the year	E=A+C-D	792.75
	Return on Equity Computation		
6	Return on Regulatory Equity at the beginning of the year	F	103.54
7	Return on Regulatory Equity addition during the year	G=(C-D)/2	3.72
8	**Total Return on Equity**		107.26

Torrent Power Ltd
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 9: Non-tariff Income

(Rs. Crore)

Sr. No.	Particulars	True-up Year (FY 2020-21)		
		Tariff Order	April-March (Audited)	Deviation
		(a)	(b)	(c) = (b) - (a)
1	Insurance Claim Receipt		0.05	
2	Provision of earlier years' written back		0.84	
3	Deferred income		9.99	
4	Misc Income		5.11	
5	Interest Income		5.17	
6	Profit on sale of fixed assets		0.39	
7	**Total**		**21.55**	
8	Less: Insurance Claim Receipt*		0.05	
9	Less: Deferred income[&]		9.99	
10	Less: Delayed Payment Charges		4.78	
11	Add: Recovery of Bad Debts		0.17	
12	**Net Non-Tariff Income**	**23.85**	**6.90**	**(16.95)**

** Insurance claim is being considered in O&M expenses against the premiums paid. Therefore, such receipts are not included in other income.*

[&] Depreciation on SLC & Grant-in-aid reduced from total Depreciation on Capital Assets.

Torrent Power Limited
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 9: Non-tariff Income

(Rs. Crore)

Sr. No.	Particulars	MYT Period FY 2022-23 Projected
1	Rents of land or buildings	
2	Sale of Scrap	2.50
3	Income from investments	
4	Interest on advances to suppliers/contractors	
5	Rental from staff quarters	
6	Rental from contractors	
7	Income from hire charges from contractors and others	
8	Income from advertisements	
9	Miscellaneous receipts	15.20
10	Prior Period Income	
11	Other (Pls. specify)	
12	Street Lighting Maintenance contracts	
13	Provision of earlier years written back	
14	Recovery of Bad debts	0.30
15	Insurance Claim Receipt	
16	Deferred Revenue (SLC and APDRP)	
17	Interest Income	0.43
18	Profit on sale of Fixed Assets	
	Total	**18.43**

Torrent Power Ltd
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 10: Revenue for True-up Year (FY 2020-21)

True-up Year (FY 2020-21)

Category	No. of consumers	Sales in MU	Revenue from Fixed/ Demand Charges (Rs. Crore)	Revenue from Energy Charges (Rs. Crore)	Total Revenue (Rs. Crore)	Government subsidy (Rs. Crore)	Total Revenue (including Subsidy) (Rs. Crore)
HT & EHT Category							
HTMD 1	225	253.80	20.27	123.49	143.76	-	143.76
HTMD 2	25	53.90	4.73	26.16	30.89	-	30.89
HTMD 3	-	-	-	-	-	-	-
Low Voltage Category							
RGP	4,19,868	764.72	14.46	309.39	323.85	-	323.85
NON-RGP	1,89,068	850.31	58.99	376.04	435.03	-	435.03
LTMD	14,621	659.78	75.27	320.56	395.83	-	395.83
GLP	1,853	19.71	0.12	7.98	8.10	-	8.10
Agri	234	0.98	0.02	0.06	0.08	-	0.08
Temp	1	0.01	0.03	0.00	0.04	-	0.04
DOE	-	0.34	-	0.45	0.45	-	0.45
Sales Revenue (before discount/FPPPA)		**2,603.54**	**173.90**	**1,164.13**	**1,338.03**	**-**	**1,338.03**
FPPPA							556.54
UI/Other charges							-8.87
Regulatory Charge							-0.00
TOTAL							**1,885.70**

Note:
i) This table shows indicative tariff categories.
ii) The licensee shall include all relevant information on categories, sub-categories and slabs, such as metered and non-metered consumption,
iii) In 'consumers', the mean number of consumers during the year should be indicated
iv) The amount of subsidy received from the State Government should be clearly indicated for each category under the respective column
v) Provision of Rs. 53.43 Crore is not considered in revenue from sale of electricity.

Form 10A
Sale of Electrical Energy
2020-21 Actuals

		Particulars		RGP	NRGP	LTMD	HTMD-1
A		**Physical Data**					
	1	Units Sold	Mkwh	764.70	850.31	659.78	253.80
	2	Unit Sold during peak hours (ToU)	Mkwh	-	-	-	91
	3	Connected Load	HP	-	7,48,455	-	-
	4	Contract Demand	Kw/KVA	-	-	-	-
	5	Actual Recorded Demand	Kw/KVA	-	-	-	-
	6	Normal Billed Demand	Kw	-	-	4,21,624	91,116
	7	Excess Billed Demand	Kw/KVA	-	-	3,652	189
	8	Total Billed Demand	Kw/KVA	-	-	4,25,276	91,305
	9	Number of Single Phase Consumers	Nos.	3,80,874	1,18,652	-	-
	10	Number of Three Phase Consumers	Nos.	38,985	70,416	14,621	225
	11	Total Number of Consumers	Nos.	4,19,859	1,89,068	14,621	225
	12	Power Factor	%	-	-	-	-
	13	Monthly Consumption per consumer	KWH/Mtr	152	375	3,760	93,999
	14	Connected Load per Consumer	HP/Kw	-	3.959	-	-
	15	Normal Billed Demand per Consumer	Kw/KVA	-	-	28.836	405
	16	Excess Billed Demand per Consumer	Kw/KVA	-	-	0	1
	17	Total Billed Demand per Consumer	Kw/KVA	-	-	29	406
B		**Sales Revenue**					
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	1,446	5,899	7,417	2,018
	2	Excess Demand Charge	Rs. In Lakhs	-	-	110	9
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	1,446	5,899	7,527	2,027
	4	Energy Charge	Rs. In Lakhs	30,939	37,604	31,999	12,161
	5	Time of Use Charge	Rs. In Lakhs	-	-	-	770
	6	Power Factor Adjustment	Rs. In Lakhs	-	-	58	(582)
	7	Energy + ToU + PF Adjustment + NTC (4+5+6)	Rs. In Lakhs	30,939	37,604	32,056	12,349
	8	Fuel Cost Adjustment	Rs. In Lakhs	-	-	-	-
	9	Total Charge	Rs. In Lakhs	32,385	43,503	39,583	14,376
C		**Sales Revenue**					
	1	Fixed Charge / Demand Charge	Paise per unit	18.91	69.38	112.42	79.51
	2	Excess Demand Charge	Paise per unit	-	-	1.66	0.35
	3	Total Fixed Charge / Demand Charge	Paise per unit	18.91	69.38	114.08	79.86
	4	Energy Charge	Paise per unit	404.58	442.24	484.99	479.17
	5	Time of Use Charge	Paise per unit	-	-	-	30.34
	6	Power Factor Adjustment	Paise per unit	-	-	0.87	(22.94)
	7	Energy + ToU + PF Adjustment + NTC (4+5+6)	Paise per unit	404.58	442.24	485.86	486.58
	8	Fuel Cost Adjustment	Paise per unit	-	-	-	-
	9	Total Charge	Paise per unit	423.49	511.61	599.95	566.44

Form 10A
Sale of Electrical Energy
2020-21 Actuals

		Particulars		HTMD-2	Agri	GLP	Temp	BPL	Total
A		**Physical Data**							
	1	Units Sold	Mkwh	53.90	0.98	19.71	0.01	0.01	2,603.19
	2	Unit Sold during peak hours (ToU)	Mkwh	30	-	-	-	-	121
	3	Connected Load	HP	-	952	-	36	-	7,49,443.73
	4	Contract Demand	Kw/KVA	-	-	-	-	-	-
	5	Actual Recorded Demand	Kw/KVA	-	-	-	-	-	-
	6	Normal Billed Demand	Kw	21,091	-	-	-	-	5,33,830.48
	7	Excess Billed Demand	Kw/KVA	38	-	-	-	-	3,879
	8	Total Billed Demand	Kw/KVA	21,129	-	-	-	-	5,37,710
	9	Number of Single Phase Consumers	Nos.	-	234	660	-	9	5,00,430
	10	Number of Three Phase Consumers	Nos.	25	-	1,193	1	-	1,25,466
	11	Total Number of Consumers	Nos.	25	234	1,853	1	9	6,25,896
	12	Power Factor	%	-	-	-	-	-	
	13	Monthly Consumption per consumer	KWH/Mtr	1,77,301	350	886	623	127	346.60
	14	Connected Load per Consumer	HP/Kw	-	4	-	43	-	-
	15	Normal Billed Demand per Consumer	Kw/KVA	833	-	-	-	-	-
	16	Excess Billed Demand per Consumer	Kw/KVA	2	-	-	-	-	-
	17	Total Billed Demand per Consumer	Kw/KVA	834	-	-	-	-	-
B		**Sales Revenue**							
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	472	2	12	3	0	17,270
	2	Excess Demand Charge	Rs. In Lakhs	2	-	-	-	-	120.17
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	473	2	12	3	0	17,390
	4	Energy Charge	Rs. In Lakhs	2,559	6	798	0	0	1,16,066
	5	Time of Use Charge	Rs. In Lakhs	224	-	-	-	-	994
	6	Power Factor Adjustment	Rs. In Lakhs	(168)	-	-	-	-	(692)
	7	Energy + ToU + PF Adjustment + NTC (4+5+6)	Rs. In Lakhs	2,616	6	798	0	0	1,16,368
	8	Fuel Cost Adjustment	Rs. In Lakhs	-	-	-	-	-	-
	9	Total Charge	Rs. In Lakhs	3,089	8	810	4	0	1,33,758
C		**Sales Revenue**							
	1	Fixed Charge / Demand Charge	Paise per unit	87.54	23.06	6.20	5,307.58	4.11	66.34
	2	Excess Demand Charge	Paise per unit	0.31	-	-	-	-	0.46
	3	Total Fixed Charge / Demand Charge	Paise per unit	87.85	23.06	6.20	5,307.58	4.11	66.80
	4	Energy Charge	Paise per unit	474.80	59.97	405.00	500.00	293.21	445.86
	5	Time of Use Charge	Paise per unit	41.63	-	-	-	-	3.82
	6	Power Factor Adjustment	Paise per unit	(31.12)	-	-	-	-	(2.66)
	7	Energy + ToU + PF Adjustment + NTC (4+5+6)	Paise per unit	485.31	59.97	405.00	500.00	293.21	447.02
	8	Fuel Cost Adjustment	Paise per unit	-	-	-	-	-	-
	9	Total Charge	Paise per unit	573.15	83.02	411.20	5,807.58	297.32	513.82

Form 10A **RGP**

Sale of Electrical Energy

2020-21 Actuals

		Particulars	UoM	0 - 50	51 - 100	101 - 250	> 250	Total	Annual
A		**Physical Data**							
	1	Units Sold	Mkwh	2.22	7.61	23.54	30.36	63.73	764.70
	2	Unit Sold during peak hours (ToU)	Mkwh						
	3	Connected Load	Kw/KVA						
	4	Contract Demand	Kw/KVA						
	5	Actual Recorded Demand	Kw/KVA						
	6	Normal Billed Demand	Kw/KVA						
	7	Excess Billed Demand	Kw/KVA						
	8	Total Billed Demand	Kw/KVA						
	9	Number of Single Phase Consumers	Nos.	1,12,819	95,383	1,33,262	39,410	3,80,874	3,80,874
	10	Number of Three Phase Consumers	Nos.	6,225	3,396	10,721	18,643	38,985	38,985
	11	Total Number of Consumers	Nos.	1,19,044	98,779	1,43,983	58,053	4,19,859	4,19,859
	12	Power Factor	%						
	13	Monthly Consumption per consumer	KWH/Mtr	18.62	77.06	163.48	522.94	151.78	151.78
	14	Connected Load per Consumer	HP/Kw						
	15	Normal Billed Demand per Consumer	Kw/KVA						
	16	Excess Billed Demand per Consumer	Kw/KVA						
	17	Total Billed Demand per Consumer	Kw/KVA						
B		**Sales Revenue**							
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	32.25	26.05	40.28	21.97	120.56	1,445.83
	2	Excess Demand Charge	Rs. In Lakhs	-	-	-	-	-	-
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	32.25	26.05	40.28	21.97	120.56	1,445.83
	4	Energy Charge	Rs. In Lakhs	70.94	255.62	881.57	1,369.10	2,577.23	30,938.73
	5	Time of Use Charge	Rs. In Lakhs						
	6	Power Factor Adjustment	Rs. In Lakhs						
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	70.94	255.62	881.57	1,369.10	2,577.23	30,938.73
	8	Fuel Cost Adjustment	Rs. In Lakhs	-	-	-	-	-	-
	9	Total Charge	Rs. In Lakhs	103.19	281.67	921.85	1,391.07	2,697.79	32,384.56
C		**Sales Revenue**							
	1	Fixed Charge / Demand Charge	Paise per unit	145	34	17	7	19	19
	2	Excess Demand Charge	Paise per unit	-	-	-	-	-	-
	3	Total Fixed Charge / Demand Charge	Paise per unit	145	34	17	7	19	19
	4	Energy Charge	Paise per unit	320	336	375	451	404	405
	5	Time of Use Charge	Paise per unit	-	-	-	-	-	-
	6	Power Factor Adjustment	Paise per unit	-	-	-	-	-	-
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	320	336	375	451	404	405
	8	Fuel Cost Adjustment	Paise per unit	-	-	-	-	-	-
	9	Total Charge	Paise per unit	465	370	392	458	423	423

Form 10A **BPL**

Sale of Electrical Energy

2020-21 Actuals

		Particulars	UoM	0-50	51 - 100	101 - 250	> 250	Total	Annual
A		**Physical Data**							
	1	Units Sold	Mkwh	0.00003	0.00019	0.00077	0.00017	0.00117	0.01400
	2	Unit Sold during peak hours (ToU)	Mkwh						
	3	Connected Load	Kw/KVA						
	4	Contract Demand	Kw/KVA						
	5	Actual Recorded Demand	Kw/KVA						
	6	Normal Billed Demand	Kw/KVA						
	7	Excess Billed Demand	Kw/KVA						
	8	Total Billed Demand	Kw/KVA						
	9	Number of Single Phase Consumers	Nos.	1	3	5	1	9	9
	10	Number of Three Phase Consumers	Nos.	-	-	-	-	-	-
	11	Total Number of Consumers	Nos.	1	3	5	1	9	9
	12	Power Factor	%						
	13	Monthly Consumption per consumer	KWH/Mtr	28	65	171	262	127	127
	14	Connected Load per Consumer	HP/Kw						
	15	Normal Billed Demand per Consumer	Kw/KVA						
	16	Excess Billed Demand per Consumer	Kw/KVA						
	17	Total Billed Demand per Consumer	Kw/KVA						
B		**Sales Revenue**							
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	0.000	0.000	0.000	0.000	0.000	0.006
	2	Excess Demand Charge	Rs. In Lakhs	-	-	-	-	-	-
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	0.000	0.000	0.000	0.000	0.000	0.006
	4	Energy Charge	Rs. In Lakhs	0.000	0.004	0.025	0.006	0.036	0.410
	5	Time of Use Charge	Rs. In Lakhs						
	6	Power Factor Adjustment	Rs. In Lakhs						
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	0.000	0.004	0.025	0.006	0.036	0.410
	8	Fuel Cost Adjustment	Rs. In Lakhs	-	-	-	-	-	-
	9	Total Charge	Rs. In Lakhs	0.000	0.004	0.025	0.006	0.036	0.416
C		**Sales Revenue**							
	1	Fixed Charge / Demand Charge	Paise per unit	18	8	3	2	4	4
	2	Excess Demand Charge	Paise per unit	-	-	-	-	-	-
	3	Total Fixed Charge / Demand Charge	Paise per unit	18	8	3	2	4	4
	4	Energy Charge	Paise per unit	150	199	327	365	307	293
	5	Time of Use Charge	Paise per unit	-	-	-	-	-	-
	6	Power Factor Adjustment	Paise per unit	-	-	-	-	-	-
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	150	199	327	365	307	293
	8	Fuel Cost Adjustment	Paise per unit	-	-	-	-	-	-
	9	Total Charge	Paise per unit	168	206	330	367	311	297

Form 10A
Sale of Electrical Energy
2020-21 Actuals **NRGP**

		Particulars		0-10KW	10-15 kW	Total	Annual
A		**Physical Data**					
	1	Monthly Consumption	Mkwh	46.03	24.83	70.86	850.31
	2	Unit Sold during peak hours (ToU)					
	3	Connected Load	HP/Kw	5,47,705	2,00,750	7,48,455	7,48,455
	4	Contract Demand	Kw/KVA				
	5	Actual Recorded Demand	Kw/KVA				
	6	Normal Billed Demand	Kw				
	7	Excess Billed Demand	Kw/KVA				
	8	Total Billed Demand	Kw/KVA				
	9	Number of Single Phase Consumers	Nos.	1,18,645	7	1,18,652	1,18,652
	10	Number of Three Phase Consumers	Nos.	54,359	16,057	70,416	70,416
	11	Total Number of Consumers	Nos.	1,73,004	16,064	1,89,068	1,89,068
	12	Power Factor	%				
	13	Monthly Consumption per consumer	KWH/Con	266.07	1,545.59	374.78	374.78
	14	Connected Load per Consumer	Kw/Con.	3.17	12.50	3.96	3.96
	15	Normal Billed Demand per Consumer	Kw/KVA				
	16	Excess Billed Demand per Consumer	Kw/KVA				
	17	Total Billed Demand per Consumer	Kw/KVA				
B		**Sales Revenue**					
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	383	149	532	5,899
	2	Excess Demand Charge	Rs. In Lakhs				
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	383	149	532	5,899
	4	Energy Charge	Rs. In Lakhs	2,002	1,130	3,132	37,604
	5	Time of Use Charge	Rs. In Lakhs				
	6	Power Factor Adjustment	Rs. In Lakhs				
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	2,002	1,130	3,132	37,604
	8	Fuel Cost Adjustment	Rs. In Lakhs	-	-	-	-
	9	Total Charge	Rs. In Lakhs	2,386	1,278	3,664	43,503
C		**Sales Revenue**					
	1	Fixed Charge / Demand Charge	Paise per unit	83	60	75	69
	2	Excess Demand Charge	Paise per unit	-	-	-	-
	3	Total Fixed Charge / Demand Charge	Paise per unit	83	60	75	69
	4	Energy Charge	Paise per unit	435	455	442	442
	5	Time of Use Charge	Paise per unit	-	-	-	-
	6	Power Factor Adjustment	Paise per unit	-	-	-	-
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	435	455	442	442
	8	Fuel Cost Adjustment	Paise per unit	-	-	-	-
	9	Total Charge	Paise per unit	518	515	517	512

Form 10A
Sale of Electrical Energy
2020-21 Actuals **LTMD**

		Particulars		0 - 20 KVA	20-60 KVA	Above 60 kVA	Total	Annual
A		**Physical Data**						
	1	Monthly Consumption	Mkwh	11.71	30.14	13.13	54.98	659.78
	2	Unit Sold during peak hours (ToU)	Mkwh				-	-
	3	Connected Load	HP/Kw					
	4	Contract Demand	KVA					
	5	Actual Recorded Demand	Kw/KVA					
	6	Normal Billed Demand	Kw	1,04,668	2,31,472	85,484	4,21,624	4,21,624
	7	Excess Billed Demand	Kw/KVA	99	2,524	1,028	3,652	3,652
	8	Total Billed Demand	Kw/KVA	1,04,768	2,33,997	86,512	4,25,276	4,25,276
	9	Number of Single Phase Consumers	Nos.	-	-	-	-	-
	10	Number of Three Phase Consumers	Nos.	6,198	7,306	1,117	14,621	14,621
	11	Total Number of Consumers	Nos.	6,198	7,306	1,117	14,621	14,621
	12	Power Factor	%					
	13	Monthly Consumption per consumer	KWH/Mtr	1,890	4,125	11,750	3,760	3,760
	14	Normal Billed Demand per Consumer	Kw/KVA	17	32	77	29	29
	16	Excess Billed Demand per Consumer	Kw/KVA	0	0	1	0	0
	17	Total Billed Demand per Consumer	Kw/KVA	17	32	77	29	29
B		**Sales Revenue**						
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	120	359	192	671	7,417
	2	Excess Demand Charge	Rs. In Lakhs	0	6	3	9	110
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	121	365	195	681	7,527
	4	Energy Charge	Rs. In Lakhs	568	1,462	637	2,667	31,999
	5	Time of Use Charge	Rs. In Lakhs	-	-	-	-	-
	6	Power Factor Adjustment/Reactive Charges	Rs. In Lakhs	0.00	2.47	2.32	4.79	57.58
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	568	1,464	639	2,671	32,056
	8	Fuel Cost Adjustment	Rs. In Lakhs	-	-	-	-	-
	9	Total Charge	Rs. In Lakhs	689	1,829	834	3,352	39,583
C		**Sales Revenue**						
	1	Fixed Charge / Demand Charge	Paise per unit	103	119	146	122	112
	2	Excess Demand Charge	Paise per unit	0	2	2	2	2
	3	Total Fixed Charge / Demand Charge	Paise per unit	103	121	148	124	114
	4	Energy Charge	Paise per unit	485	485	485	485	485
	5	Time of Use Charge	Paise per unit	-	-	-	-	-
	6	Power Factor Adjustment/Reactive Charges	Paise per unit	0.00	0.82	1.77	0.87	0.87
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	485	486	487	486	486
	8	Fuel Cost Adjustment	Paise per unit	-	-	-	-	-
	9	Total Charge	Paise per unit	588	607	635	610	600

Form 10A **HTMD-1**

Sale of Electrical Energy

2020-21 Actuals

		Particulars		First 500 kVA	Above 500 kVA	Total	Annual
A		**Physical Data**					
	1 (a)	0 - 400 units	Mkwh	8.58	10.81	19.39	232.71
	1 (b)	400 above units	Mkwh	0.70	1.06	1.76	21.08
	1	Monthly Consumption	Mkwh	9.28	11.87	21.15	253.80
	2	Unit Sold during peak hours (ToU)	Mkwh	3.26	4.30	7.56	90.70
	3	Connected Load	HP/Kw				
	4	Contract Demand	Kw/KVA				
	5	Actual Recorded Demand	Kw/KVA				
	6	Normal Billed Demand	Kw/KVA	46,203	44,913	91,116	91,116
	7	Excess Billed Demand	Kw/KVA	115	74	189	189
	8	Total Billed Demand	Kw/KVA	46,318	44,987	91,305	91,305
	9	Number of Single Phase Consumers	Nos.			-	-
	10	Number of Three Phase Consumers	Nos.	177	48	225	225
	11	Total Number of Consumers	Nos.	177	48	225	225
	12	Power Factor	%				
	13	Monthly Consumption per consumer	KWH/Mtr	52,434	2,47,269	93,999	93,999
	14	Normal Billed Demand per Consumer	Kw/KVA	261	936	405	405
	15	Excess Billed Demand per Consumer	Kw/KVA	1	2	1	1
	16	Total Billed Demand per Consumer	Kw/KVA	262	937	406	406
B		**Sales Revenue**					
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	79	100	179	2,018
	2	Excess Demand Charge	Rs. In Lakhs	0	0	1	9
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	79	101	180	2,027
	4	Energy Charge	Rs. In Lakhs	445	569	1,013	12,161
	5	Time of Use Charge	Rs. In Lakhs	21	43	64	770
	6	Power Factor Adjustment	Rs. In Lakhs	(18.67)	(29.84)	(48.51)	(582)
	7	Energy + ToU + PF Adjustment + NTC (4+5+6)	Rs. In Lakhs	447	582	1,029	12,349
	8	Fuel Cost Adjustment	Rs. In Lakhs	-	-	-	-
	9	Total Charge	Rs. In Lakhs	526	682	1,209	14,376
C		**Sales Revenue**					
	1	Fixed Charge / Demand Charge	Paise per unit	85	85	85	80
	2	Excess Demand Charge	Paise per unit	0	0	0	0
	3	Total Fixed Charge / Demand Charge	Paise per unit	85	85	85	80
	4	Energy Charge	Paise per unit	479	479	479	479
	5	Time of Use Charge	Paise per unit	23	36	30	30
	6	Power Factor Adjustment	Paise per unit	(20)	(25)	(23)	(23)
	7	Energy + ToU + PF Adjustment + NTC (4+5+6+7)	Paise per unit	482	490	487	487
	8	Fuel Cost Adjustment	Paise per unit	-	-	-	-
	9	Total Charge	Paise per unit	567	575	572	566

Form 10A **HTMD-2**

Sale of Electrical Energy

2020-21 Actuals

		Particulars		First 500 kVA	Above 500 kVA	Total	Annual
A		**Physical Data**					
	1 (a)	0 - 400 units	Mkwh	0.62	3.69	4.31	51.76
	1 (b)	400 above units	Mkwh	0.00	0.18	0.18	2.14
	1	Monthly Consumption	Mkwh	0.62	3.87	4.49	53.90
	2	Unit Sold during peak hours (ToU)	Mkwh	0.39	2.12	2.51	30.07
	3	Connected Load	HP/Kw				
	4	Contract Demand	Kw/KVA				
	5	Actual Recorded Demand	Kw/KVA				
	6	Normal Billed Demand	Kw/KVA	3,339	17,752	21,091	21,091
	7	Excess Billed Demand	Kw/KVA	14	24	38	38
	8	Total Billed Demand	Kw/KVA	3,353	17,776	21,129	21,129
	9	Number of Single Phase Consumers	Nos.			-	-
	10	Number of Three Phase Consumers	Nos.	13	12	25	25
	11	Total Number of Consumers	Nos.	13	12	25	25
	12	Power Factor	%				
	13	Monthly Consumption per consumer	KWH/Mtr	46,811	3,22,289	1,77,301	1,77,301
	14	Normal Billed Demand per Consumer	Kw/KVA	250	1,479	833	833
	15	Excess Billed Demand per Consumer	Kw/KVA	1	2	2	2
	16	Total Billed Demand per Consumer	Kw/KVA	251	1,481	834	834
B		**Sales Revenue**					
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	5	35	40	471.83
	2	Excess Demand Charge	Rs. In Lakhs	0	0	0	1.66
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	5	35	40	473
	4	Energy Charge	Rs. In Lakhs	30	184	213	2,559
	5	Time of Use Charge	Rs. In Lakhs	2	17	19	224
	6	Power Factor Adjustment	Rs. In Lakhs	(2)	(12)	(14)	(168)
	7	Energy + ToU + PF Adjustment + NTC (4+5+6)	Rs. In Lakhs	30	188	218	2,616
	8	Fuel Cost Adjustment	Rs. In Lakhs	-	-	-	-
	9	Total Charge	Rs. In Lakhs	34	223	258	3,089
C		**Sales Revenue**					
	1	Fixed Charge / Demand Charge	Paise per unit	75	90	88	88
	2	Excess Demand Charge	Paise per unit	1	0	0	0
	3	Total Fixed Charge / Demand Charge	Paise per unit	76	90	88	88
	4	Energy Charge	Paise per unit	475	475	475	475
	5	Time of Use Charge	Paise per unit	28	44	42	42
	6	Power Factor Adjustment	Paise per unit	(27)	(32)	(31)	(31)
	7	Energy + ToU + PF Adjustment + NTC (4+5+6+7)	Paise per unit	476	487	485	485
	8	Fuel Cost Adjustment	Paise per unit	-	-	-	-
	9	Total Charge	Paise per unit	551	577	574	573

Form 10A **GLP**

Sale of Electrical Energy

2020-21 Actuals

		Particulars		All Units	Total	Annual
A		**Physical Data**				
	1	Monthly Consumption	Mkwh	1.64	1.64	19.71
	2	Unit Sold during peak hours (ToU)	KWH			
	3	Connected Load	HP/Kw			
	4	Contract Demand	Kw/KVA			
	5	Actual Recorded Demand	Kw/KVA			
	6	Normal Billed Demand	Kw/KVA			
	7	Excess Billed Demand	Kw/KVA			
	8	Total Billed Demand	Kw/KVA			
	9	Number of Single Phase Consumers	Nos.	660	660	660
	10	Number of Three Phase Consumers	Nos.	1,193	1,193	1,193
	11	Total Number of Consumers	Nos.	1,853	1,853	1,853
	12	Power Factor	%			
	13	Monthly Consumption per consumer	KWH/Mtr	886	886	886
	14	Connected Load per Consumer	HP/Kw			
	15	Normal Billed Demand per Consumer	Kw/KVA			
	16	Excess Billed Demand per Consumer	Kw/KVA			
	17	Total Billed Demand per Consumer	Kw/KVA			
B		**Sales Revenue**				
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	1.02	1.02	12.22
	2	Excess Demand Charge	Rs. In Lakhs	-	-	-
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	1.02	1.02	12.22
	4	Energy Charge	Rs. In Lakhs	66.51	66.51	798.06
	5	Time of Use Charge	Rs. In Lakhs			
	6	Power Factor Adjustment	Rs. In Lakhs			
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	66.51	66.51	798.06
	8	Fuel Cost Adjustment	Rs. In Lakhs	-	-	-
	9	Total Charge	Rs. In Lakhs	67.52	67.52	810.28
C		**Sales Revenue**				
	1	Fixed Charge / Demand Charge	Paise per unit	6	6	6
	2	Excess Demand Charge	Paise per unit	-	-	-
	3	Total Fixed Charge / Demand Charge	Paise per unit	6	6	6
	4	Energy Charge	Paise per unit	405	405	405
	5	Time of Use Charge	Paise per unit	-	-	-
	6	Power Factor Adjustment	Paise per unit	-	-	-
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	405	405	405
	8	Fuel Cost Adjustment	Paise per unit	-	-	-
	9	Total Charge	Paise per unit	411	411	411

Form 10A **AGP**

Sale of Electrical Energy

2020-21 Actuals

		Particulars		Total	Annual
A		**Physical Data**			
	1	Monthly Consumption	Mkwh	0.08	0.98
	2	Unit Sold during peak hours (ToU)	KWH		
	3	Connected Load	HP/Kw	952	952
	4	Contract Demand	Kw/KVA		
	5	Actual Recorded Demand	Kw/KVA		
	6	Normal Billed Demand	Kw/KVA		
	7	Excess Billed Demand	Kw/KVA		
	8	Total Billed Demand	Kw/KVA		
	9	Number of Single Phase Consumers	Nos.	234	234
	10	Number of Three Phase Consumers	Nos.	-	-
	11	Total Number of Consumers	Nos.	234	234
	12	Power Factor	%		
	13	Monthly Consumption per consumer	KWH/Mtr	350	350
	14	Connected Load per Consumer	HP/Kw	4	4
	15	Normal Billed Demand per Consumer	Kw/KVA		
	16	Excess Billed Demand per Consumer	Kw/KVA		
	17	Total Billed Demand per Consumer	Kw/KVA		
B		**Sales Revenue**			
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	0.19	2.27
	2	Excess Demand Charge	Rs. In Lakhs	-	-
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	0.19	2.27
	4	Energy Charge	Rs. In Lakhs	0.49	5.90
	5	Time of Use Charge	Rs. In Lakhs		
	6	Power Factor Adjustment	Rs. In Lakhs		
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	0.49	5.90
	8	Fuel Cost Adjustment	Rs. In Lakhs	-	-
	9	Total Charge	Rs. In Lakhs	0.68	8.18
C		**Sales Revenue**			
	1	Fixed Charge / Demand Charge	Paise per unit	23	23
	2	Excess Demand Charge	Paise per unit	-	-
	3	Total Fixed Charge / Demand Charge	Paise per unit	23	23
	4	Energy Charge	Paise per unit	60	60
	5	Time of Use Charge	Paise per unit	-	-
	6	Power Factor Adjustment	Paise per unit	-	-
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	60	60
	8	Fuel Cost Adjustment	Paise per unit	-	-
	9	Total Charge	Paise per unit	83	83

Form 10A **TEMP**

Sale of Electrical Energy

2020-21 Actuals

		Particulars		Temporary	Annual
A		**Physical Data**			
	1	Monthly Consumption	Mkwh	0.00	0.01
	2	Unit Sold during peak hours (ToU)	KWH		-
	3	Connected Load	HP/Kw	36.21	36
	4	Contract Demand	Kw/KVA		
	5	Actual Recorded Demand	Kw/KVA		
	6	Normal Billed Demand	Kw/KVA		
	7	Excess Billed Demand	Kw/KVA		
	8	Total Billed Demand	Kw/KVA		
	9	Number of Single Phase Consumers	Nos.	-	-
	10	Number of Three Phase Consumers	Nos.	1	1
	11	Total Number of Consumers	Nos.	1	1
	12	Power Factor	%		
	13	Monthly Consumption per consumer	KWH/Mtr	623	623
	14	Connected Load per Consumer	HP/Kw	43	43
	15	Normal Billed Demand per Consumer	Kw/KVA		
	16	Excess Billed Demand per Consumer	Kw/KVA		
	17	Total Billed Demand per Consumer	Kw/KVA		
B		**Sales Revenue**			
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	0.28	3.30
	2	Excess Demand Charge	Rs. In Lakhs		
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	0.28	3.30
	4	Energy Charge	Rs. In Lakhs	0.03	0.31
	5	Time of Use Charge	Rs. In Lakhs		
	6	Power Factor Adjustment	Rs. In Lakhs		
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	0.03	0.31
	8	Fuel Cost Adjustment	Rs. In Lakhs	-	-
	9	Total Charge	Rs. In Lakhs	0.30	3.62
C		**Sales Revenue**			
	1	Fixed Charge / Demand Charge	Paise per unit	5,308	5,308
	2	Excess Demand Charge	Paise per unit	-	-
	3	Total Fixed Charge / Demand Charge	Paise per unit	5,308	5,308
	4	Energy Charge	Paise per unit	500	500
	5	Time of Use Charge	Paise per unit	-	-
	6	Power Factor Adjustment	Paise per unit	-	-
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	500	500
	8	Fuel Cost Adjustment	Paise per unit	-	-
	9	Total Charge	Paise per unit	5,808	5,808

Form 10A
Sale of Electrical Energy
2022-23 Proposed

		Particulars		RGP	NRGP	LTMD	HTMD-1	HTMD-2
A		**Physical Data**						
	1	Units Sold	Mkwh	819.75	1,205.11	873.66	304.02	46.51
	2	Unit Sold during peak hours (ToU)	Mkwh	-	-	-	110	30
	3	Connected Load	HP	-	7,86,886	-	-	-
	4	Contract Demand	Kw/KVA	-	-	-	-	-
	5	Actual Recorded Demand	Kw/KVA	-	-	-	-	-
	6	Normal Billed Demand	Kw	-	-	4,29,595	89,873	20,659
	7	Excess Billed Demand	Kw/KVA	-	-	-	-	-
	8	Total Billed Demand	Kw/KVA	-	-	4,29,595	89,873	20,659
	9	Number of Single Phase Consumers	Nos.	3,90,032	1,24,564	-	-	-
	10	Number of Three Phase Consumers	Nos.	36,199	72,241	14,770	239	25
	11	Total Number of Consumers	Nos.	4,26,231	1,96,805	14,770	239	25
	12	Power Factor	%	-	-	-	-	-
	13	Monthly Consumption per consumer	KWH/Mtr	160	510	4,929	1,06,004	1,55,031
	14	Connected Load per Consumer	HP/Kw	-	4	-	-	-
	15	Normal Billed Demand per Consumer	Kw/KVA	-	-	29	376	826
	16	Excess Billed Demand per Consumer	Kw/KVA	-	-	-	-	-
	17	Total Billed Demand per Consumer	Kw/KVA	-	-	29	376	826
B		**Sales Revenue**						
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	1,452	6,738	8,167	2,087	464
	2	Excess Demand Charge	Rs. In Lakhs	-	-	-	-	-
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	1,452	6,738	8,167	2,087	464
	4	Energy Charge	Rs. In Lakhs	33,400	53,267	42,372	14,568	2,208
	5	Time of Use Charge	Rs. In Lakhs	-	-	-	909	229
	6	Power Factor Adjustment	Rs. In Lakhs	-	-	62	(741)	(148)
	7	Energy + ToU + PF Adjustment + NTC (4+5+6)	Rs. In Lakhs	33,400	53,267	42,434	14,736	2,290
	8	Fuel Cost Adjustment	Rs. In Lakhs	18,198	26,754	19,395	6,749	1,033
	9	Regulatory Charge	Rs. In Lakhs	1,394	2,049	1,485	517	79
	10	Total Charge	Rs. In Lakhs	54,444	88,808	71,482	24,090	3,865
C		**Sales Revenue**						
	1	Fixed Charge / Demand Charge	Paise per unit	18	56	93	69	100
	2	Excess Demand Charge	Paise per unit	-	-	-	-	-
	3	Total Fixed Charge / Demand Charge	Paise per unit	18	56	93	69	100
	4	Energy Charge	Paise per unit	407	442	485	479	475
	5	Time of Use Charge	Paise per unit	-	-	-	30	49
	6	Power Factor Adjustment	Paise per unit	-	-	1	(24)	(32)
	7	Energy + ToU + PF Adjustment + NTC (4+5+6)	Paise per unit	407	442	486	485	492
	8	Fuel Cost Adjustment	Paise per unit	222	222	222	222	222
	9	Regulatory Charge	Paise per unit	17	17	17	17	17
	10	Total Charge	Paise per unit	664	737	818	792	831

Form 10A
Sale of Electrical Energy
2022-23 Proposed

		Particulars		Agri	GLP	Temp	BPL	Total
A		**Physical Data**						
	1	Units Sold	Mkwh	1.13	25.11	0.25	0.01	3,275.56
	2	Unit Sold during peak hours (ToU)	Mkwh	-	-	-	-	141
	3	Connected Load	HP	951	-	36	-	7,87,873.44
	4	Contract Demand	Kw/KVA	-	-	-	-	-
	5	Actual Recorded Demand	Kw/KVA	-	-	-	-	-
	6	Normal Billed Demand	Kw	-	-	-	-	5,40,126.77
	7	Excess Billed Demand	Kw/KVA	-	-	-	-	-
	8	Total Billed Demand	Kw/KVA	-	-	-	-	5,40,127
	9	Number of Single Phase Consumers	Nos.	5	691	-	9	5,15,300
	10	Number of Three Phase Consumers	Nos.	230	1,262	1	-	1,24,967
	11	Total Number of Consumers	Nos.	235	1,953	1	9	6,40,267
	12	Power Factor	%	-	-	-	-	
	13	Monthly Consumption per consumer	KWH/Mtr	402	1,072	21,137	99	426.33
	14	Connected Load per Consumer	HP/Kw	4	-	36	-	-
	15	Normal Billed Demand per Consumer	Kw/KVA	-	-	-	-	-
	16	Excess Billed Demand per Consumer	Kw/KVA	-	-	-	-	-
	17	Total Billed Demand per Consumer	Kw/KVA	-	-	-	-	-
B		**Sales Revenue**						
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	2	13	3	0	18,928
	2	Excess Demand Charge	Rs. In Lakhs	-	-	-	-	-
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	2	13	3	0	18,928
	4	Energy Charge	Rs. In Lakhs	7	1,017	13	0	1,46,852
	5	Time of Use Charge	Rs. In Lakhs	-	-	-	-	1,138
	6	Power Factor Adjustment	Rs. In Lakhs	-	-	-	-	(826)
	7	Energy + ToU + PF Adjustment + NTC (4+5+6)	Rs. In Lakhs	7	1,017	13	0	1,47,164
	8	Fuel Cost Adjustment	Rs. In Lakhs	25	557	6	0	72,717
	9	Regulatory Charge	Rs. In Lakhs	2	43	0	0	5,568
	10	Total Charge	Rs. In Lakhs	36	1,630	22	1	2,44,378
C		**Sales Revenue**						
	1	Fixed Charge / Demand Charge	Paise per unit	20	5	130	5	58
	2	Excess Demand Charge	Paise per unit	-	-	-	-	-
	3	Total Fixed Charge / Demand Charge	Paise per unit	20	5	130	5	58
	4	Energy Charge	Paise per unit	60	405	500	273	448
	5	Time of Use Charge	Paise per unit	-	-	-	-	3
	6	Power Factor Adjustment	Paise per unit	-	-	-	-	(3)
	7	Energy + ToU + PF Adjustment + NTC (4+5+6)	Paise per unit	60	405	500	273	449
	8	Fuel Cost Adjustment	Paise per unit	222	222	222	222	222
	9	Regulatory Charge	Paise per unit	17	17	17	17	17
	10	Total Charge	Paise per unit	319	649	869	517	746

Form 10A **RGP**

Sale of Electrical Energy

2022-23 Proposed

		Particulars	UoM	0 - 50	51 - 100	101 - 250	> 250	Total	Annual
A		**Physical Data**							
	1	Units Sold	Mkwh	2.38	8.16	25.23	32.54	68.31	819.75
	2	Unit Sold during peak hours (ToU)	Mkwh						
	3	Connected Load	Kw/KVA						
	4	Contract Demand	Kw/KVA						
	5	Actual Recorded Demand	Kw/KVA						
	6	Normal Billed Demand	Kw/KVA						
	7	Excess Billed Demand	Kw/KVA						
	8	Total Billed Demand	Kw/KVA						
	9	Number of Single Phase Consumers	Nos.	1,15,532	97,676	1,36,466	40,358	3,90,032	3,90,032
	10	Number of Three Phase Consumers	Nos.	5,780	3,153	9,955	17,311	36,199	36,199
	11	Total Number of Consumers	Nos.	1,21,312	1,00,829	1,46,421	57,669	4,26,231	4,26,231
	12	Power Factor	%						
	13	Monthly Consumption per consumer	KWH/Mtr	19.59	80.93	172.33	564.32	160.27	160.27
	14	Connected Load per Consumer	HP/Kw						
	15	Normal Billed Demand per Consumer	Kw/KVA						
	16	Excess Billed Demand per Consumer	Kw/KVA						
	17	Total Billed Demand per Consumer	Kw/KVA						
B		**Sales Revenue**							
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	32.64	26.47	40.59	21.34	121.04	1,452.45
	2	Excess Demand Charge	Rs. In Lakhs	-	-	-	-	-	-
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	32.64	26.47	40.59	21.34	121.04	1,452.45
	4	Energy Charge	Rs. In Lakhs	76.04	275.16	951.56	1,480.54	2,783.31	33,399.74
	5	Time of Use Charge	Rs. In Lakhs						
	6	Power Factor Adjustment	Rs. In Lakhs						
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	76.04	275.16	951.56	1,480.54	2,783.31	33,399.74
	8	Fuel Cost Adjustment	Rs. In Lakhs	52.76	181.16	560.15	722.47	1,516.53	18,198.40
	9	Regulatory Charge	Rs. In Lakhs	4.04	13.87	42.89	55.32	116.13	1,393.57
	10	Total Charge	Rs. In Lakhs	165.48	496.66	1,595.20	2,279.68	4,537.01	54,444.16
C		**Sales Revenue**							
	1	Fixed Charge / Demand Charge	Paise per unit	137	32	16	7	18	18
	2	Excess Demand Charge	Paise per unit	-	-	-	-	-	-
	3	Total Fixed Charge / Demand Charge	Paise per unit	137	32	16	7	18	18
	4	Energy Charge	Paise per unit	320	337	377	455	407	407
	5	Time of Use Charge	Paise per unit	-	-	-	-	-	-
	6	Power Factor Adjustment	Paise per unit	-	-	-	-	-	-
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	320	337	377	455	407	407
	8	Fuel Cost Adjustment	Paise per unit	222	222	222	222	222	222
	9	Regulatory Charge	Paise per unit	17	17	17	17	17	17
	10	Total Charge	Paise per unit	696	609	632	700	664	664

Form 10A **BPL**

Sale of Electrical Energy

2022-23 Proposed

		Particulars	UoM	0-50	51 - 100	101 - 250	> 250	Total	Annual
A		**Physical Data**							
	1	Units Sold	Mkwh	0.00	0.00	0.00	0.00	0.00	0.01
	2	Unit Sold during peak hours (ToU)	Mkwh						
	3	Connected Load	Kw/KVA						
	4	Contract Demand	Kw/KVA						
	5	Actual Recorded Demand	Kw/KVA						
	6	Normal Billed Demand	Kw/KVA						
	7	Excess Billed Demand	Kw/KVA						
	8	Total Billed Demand	Kw/KVA						
	9	Number of Single Phase Consumers	Nos.	1	2	5	1	9	9
	10	Number of Three Phase Consumers	Nos.	-	-	-	-	-	-
	11	Total Number of Consumers	Nos.	1	2	5	1	9	9
	12	Power Factor	%						
	13	Monthly Consumption per consumer	KWH/Mtr	20	70	111	251	99	99
	14	Connected Load per Consumer	HP/Kw						
	15	Normal Billed Demand per Consumer	Kw/KVA						
	16	Excess Billed Demand per Consumer	Kw/KVA						
	17	Total Billed Demand per Consumer	Kw/KVA						
B		**Sales Revenue**							
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	0.00	0.00	0.00	0.00	0.00	0.01
	2	Excess Demand Charge	Rs. In Lakhs	-	-	-	-	-	-
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	0.00	0.00	0.00	0.00	0.00	0.01
	4	Energy Charge	Rs. In Lakhs	0.00	0.00	0.02	0.00	0.02	0.28
	5	Time of Use Charge	Rs. In Lakhs						
	6	Power Factor Adjustment	Rs. In Lakhs						
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	0.00	0.00	0.02	0.00	0.02	0.28
	8	Fuel Cost Adjustment	Rs. In Lakhs	0.00	0.00	0.01	0.00	0.02	0.22
	9	Regulatory Charge	Rs. In Lakhs	0.00	0.00	0.00	0.00	0.00	0.02
	10	Total Charge	Rs. In Lakhs	0.00	0.01	0.03	0.01	0.04	0.52
C		**Sales Revenue**							
	1	Fixed Charge / Demand Charge	Paise per unit	25	7	5	2	5	5
	2	Excess Demand Charge	Paise per unit	-	-	-	-	-	-
	3	Total Fixed Charge / Demand Charge	Paise per unit	25	7	5	2	5	5
	4	Energy Charge	Paise per unit	150	211	274	359	273	273
	5	Time of Use Charge	Paise per unit	-	-	-	-	-	-
	6	Power Factor Adjustment	Paise per unit	-	-	-	-	-	-
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	150	211	274	359	273	273
	8	Fuel Cost Adjustment	Paise per unit	222	222	222	222	222	222
	9	Regulatory Charge	Paise per unit	17	17	17	17	17	17
	10	Total Charge	Paise per unit	414	457	517	600	517	517

Form 10A **NRGP**

Sale of Electrical Energy

2022-23 Proposed

		Particulars		0-10KW	10-15 kW	Total	Annual
A		**Physical Data**					
	1	Monthly Consumption	Mkwh	65.24	35.19	100.43	1,205.11
	2	Unit Sold during peak hours (ToU)					
	3	Connected Load	HP/Kw	5,81,575	2,05,311	7,86,886	7,86,886
	4	Contract Demand	Kw/KVA				
	5	Actual Recorded Demand	Kw/KVA				
	6	Normal Billed Demand	Kw				
	7	Excess Billed Demand	Kw/KVA				
	8	Total Billed Demand	Kw/KVA				
	9	Number of Single Phase Consumers	Nos.	1,24,557	7	1,24,564	1,24,564
	10	Number of Three Phase Consumers	Nos.	57,068	15,173	72,241	72,241
	11	Total Number of Consumers	Nos.	1,81,625	15,180	1,96,805	1,96,805
	12	Power Factor	%				
	13	Monthly Consumption per consumer	KWH/Con	359.19	2,318.08	510.28	510.28
	14	Connected Load per Consumer	Kw/Con.	3.20	13.53	4.00	4.00
	15	Normal Billed Demand per Consumer	Kw/KVA				
	16	Excess Billed Demand per Consumer	Kw/KVA				
	17	Total Billed Demand per Consumer	Kw/KVA				
B		**Sales Revenue**					
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	407	154	562	6,738
	2	Excess Demand Charge	Rs. In Lakhs				
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	407	154	562	6,738
	4	Energy Charge	Rs. In Lakhs	2,838	1,601	4,439	53,267
	5	Time of Use Charge	Rs. In Lakhs				
	6	Power Factor Adjustment	Rs. In Lakhs				
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	2,838	1,601	4,439	53,267
	8	Fuel Cost Adjustment	Rs. In Lakhs	1,448	781	2,229	26,754
	9	Regulatory Charge	Rs. In Lakhs	111	60	171	2,049
	10	Total Charge	Rs. In Lakhs	4,804	2,597	7,401	88,808
C		**Sales Revenue**					
	1	Fixed Charge / Demand Charge	Paise per unit	62	44	56	56
	2	Excess Demand Charge	Paise per unit	-	-	-	-
	3	Total Fixed Charge / Demand Charge	Paise per unit	62	44	56	56
	4	Energy Charge	Paise per unit	435	455	442	442
	5	Time of Use Charge	Paise per unit	-	-	-	-
	6	Power Factor Adjustment	Paise per unit	-	-	-	-
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	435	455	442	442
	8	Fuel Cost Adjustment	Paise per unit	222	222	222	222
	9	Regulatory Charge	Paise per unit	17	17	17	17
	10	Total Charge	Paise per unit	736	738	737	737

Form 10A **LTMD**

Sale of Electrical Energy

2022-23 Proposed

		Particulars		0 - 20 KVA	20-60 KVA	Above 60 kVA	Total	Annual
A		**Physical Data**						
	1	Monthly Consumption	Mkwh	15.51	39.91	17.39	72.80	873.66
	2	Unit Sold during peak hours (ToU)	Mkwh				-	-
	3	Connected Load	HP/Kw					
	4	Contract Demand	KVA					
	5	Actual Recorded Demand	Kw/KVA					
	6	Normal Billed Demand	Kw	1,09,518	2,36,423	83,654	4,29,595	4,29,595
	7	Excess Billed Demand	Kw/KVA				-	-
	8	Total Billed Demand	Kw/KVA	1,09,518	2,36,423	83,654	4,29,595	4,29,595
	9	Number of Single Phase Consumers	Nos.	-	-	-	-	-
	10	Number of Three Phase Consumers	Nos.	6,169	7,461	1,139	14,770	14,770
	11	Total Number of Consumers	Nos.	6,169	7,461	1,139	14,770	14,770
	12	Power Factor	%					
	13	Monthly Consumption per consumer	KWH/Mtr	2,513.68	5,349.08	15,264.32	4,929.39	4,929.39
	14	Normal Billed Demand per Consumer	Kw/KVA	17.75	31.69	73.44	29.09	29.09
	16	Excess Billed Demand per Consumer	Kw/KVA	-	-	-	-	-
	17	Total Billed Demand per Consumer	Kw/KVA	17.75	31.69	73.44	29.09	29.09
B		**Sales Revenue**						
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	126	366	188	681	8,167
	2	Excess Demand Charge	Rs. In Lakhs	-	-	-	-	-
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	126	366	188	681	8,167
	4	Energy Charge	Rs. In Lakhs	752	1,936	843	3,531	42,372
	5	Time of Use Charge	Rs. In Lakhs	-	-	-	-	-
	6	Power Factor Adjustment/Reactive Charges	Rs. In Lakhs	0.00	2.67	2.49	5.17	62.03
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	752	1,938	846	3,536	42,434
	8	Fuel Cost Adjustment	Rs. In Lakhs	344	886	386	1,616	19,395
	9	Regulatory Charge	Rs. In Lakhs	26	68	30	124	1,485
	10	Total Charge	Rs. In Lakhs	1,249	3,259	1,449	5,957	71,482
C		**Sales Revenue**						
	1	Fixed Charge / Demand Charge	Paise per unit	81	92	108	93	93
	2	Excess Demand Charge	Paise per unit	-	-	-	-	-
	3	Total Fixed Charge / Demand Charge	Paise per unit	81	92	108	93	93
	4	Energy Charge	Paise per unit	485	485	485	485	485
	5	Time of Use Charge	Paise per unit	-	-	-	-	-
	6	Power Factor Adjustment/Reactive Charges	Paise per unit	0.00	0.67	1.43	0.71	0.71
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	485	486	486	486	486
	8	Fuel Cost Adjustment	Paise per unit	222	222	222	222	222
	9	Regulatory Charge	Paise per unit	17	17	17	17	17
	10	Total Charge	Paise per unit	805	816	834	818	818

Form 10A **HTMD-1**

Sale of Electrical Energy

2022-23 Proposed

		Particulars		First 500 kVA	Above 500 kVA	Total	Annual
A		**Physical Data**					
	1 (a)	0 - 400 units	Mkwh	10.28	12.95	23.23	278.76
	1 (b)	400 above units	Mkwh	0.84	1.26	2.10	25.26
	1	Monthly Consumption	Mkwh	11.12	14.22	25.33	304.02
	2	Unit Sold during peak hours (ToU)	Mkwh	4.62	4.57	9.19	110.31
	3	Connected Load	HP/Kw				
	4	Contract Demand	Kw/KVA				
	5	Actual Recorded Demand	Kw/KVA				
	6	Normal Billed Demand	Kw/KVA	47,469	42,404	89,873	89,873
	7	Excess Billed Demand	Kw/KVA			-	-
	8	Total Billed Demand	Kw/KVA	47,469	42,404	89,873	89,873
	9	Number of Single Phase Consumers	Nos.			-	-
	10	Number of Three Phase Consumers	Nos.	191	48	239	239
	11	Total Number of Consumers	Nos.	191	48	239	239
	12	Power Factor	%				
	13	Monthly Consumption per consumer	KWH/Mtr	58,206	2,96,198	1,06,004	1,06,004
	14	Normal Billed Demand per Consumer	Kw/KVA	249	883	376	376
	16	Excess Billed Demand per Consumer	Kw/KVA	-	-	-	-
	17	Total Billed Demand per Consumer	Kw/KVA	249	883	376	376
B		**Sales Revenue**					
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	81	93	174	2,087
	2	Excess Demand Charge	Rs. In Lakhs	-	-	-	-
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	81	93	174	2,087
	4	Energy Charge	Rs. In Lakhs	533	681	1,214	14,568
	5	Time of Use Charge	Rs. In Lakhs	30	46	76	909
	6	Power Factor Adjustment	Rs. In Lakhs	(29)	(33)	(62)	(741)
	7	Energy + ToU + PF Adjustment + NTC (4+5+6)	Rs. In Lakhs	534	694	1,228	14,736
	8	Fuel Cost Adjustment	Rs. In Lakhs	247	316	562	6,749
	9	Regulatory Charge	Rs. In Lakhs	19	24	43	517
	10	Total Charge	Rs. In Lakhs	880	1,127	2,007	24,090
C		**Sales Revenue**					
	1	Fixed Charge / Demand Charge	Paise per unit	73	66	69	69
	2	Excess Demand Charge	Paise per unit	-	-	-	-
	3	Total Fixed Charge / Demand Charge	Paise per unit	73	66	69	69
	4	Energy Charge	Paise per unit	479	479	479	479
	5	Time of Use Charge	Paise per unit	27	32	30	30
	6	Power Factor Adjustment	Paise per unit	(26)	(23)	(24)	(24)
	7	Energy + ToU + PF Adjustment + NTC (4+5+6+7)	Paise per unit	480	488	485	485
	8	Fuel Cost Adjustment	Paise per unit	222	222	222	222
	9	Regulatory Charge	Paise per unit	17	17	17	17
	10	Total Charge	Paise per unit	792	793	792	792

Form 10A **HTMD-2**

Sale of Electrical Energy

2022-23 Proposed

		Particulars		First 500 kVA	Above 500 kVA	Total	Annual
A		**Physical Data**					
	1 (a)	0 - 400 units	Mkwh	0.54	3.19	3.72	44.66
	1 (b)	400 above units	Mkwh	0.00	0.15	0.15	1.85
	1	Monthly Consumption	Mkwh	0.54	3.34	3.88	46.51
	2	Unit Sold during peak hours (ToU)	Mkwh	0.32	2.21	2.53	30.36
	3	Connected Load	HP/Kw				
	4	Contract Demand	Kw/KVA				
	5	Actual Recorded Demand	Kw/KVA				
	6	Normal Billed Demand	Kw/KVA	3,187	17,472	20,659	20,659
	7	Excess Billed Demand	Kw/KVA			-	-
	8	Total Billed Demand	Kw/KVA	3,187	17,472	20,659	20,659
	9	Number of Single Phase Consumers	Nos.			-	-
	10	Number of Three Phase Consumers	Nos.	13	12	25	25
	11	Total Number of Consumers	Nos.	13	12	25	25
	12	Power Factor	%				
	13	Monthly Consumption per consumer	KWH/Mtr	41,429	2,78,099	1,55,031	1,55,031
	14	Normal Billed Demand per Consumer	Kw/KVA	245	1,456	826	826
	16	Excess Billed Demand per Consumer	Kw/KVA	-	-	-	-
	17	Total Billed Demand per Consumer	Kw/KVA	245	1,456	826	826
B		**Sales Revenue**					
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	4	34	39	464
	2	Excess Demand Charge	Rs. In Lakhs	-	-	-	-
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	4	34	39	464
	4	Energy Charge	Rs. In Lakhs	26	158	184	2,208
	5	Time of Use Charge	Rs. In Lakhs	1	18	19	229
	6	Power Factor Adjustment	Rs. In Lakhs	(1)	(11)	(12)	(148)
	7	Energy + ToU + PF Adjustment + NTC (4+5+6)	Rs. In Lakhs	26	165	191	2,290
	8	Fuel Cost Adjustment	Rs. In Lakhs	12	74	86	1,033
	9	Regulatory Charge	Rs. In Lakhs	1	6	7	79
	10	Total Charge	Rs. In Lakhs	43	279	322	3,865
C		**Sales Revenue**					
	1	Fixed Charge / Demand Charge	Paise per unit	83	103	100	100
	2	Excess Demand Charge	Paise per unit	-	-	-	-
	3	Total Fixed Charge / Demand Charge	Paise per unit	83	103	100	100
	4	Energy Charge	Paise per unit	475	475	475	475
	5	Time of Use Charge	Paise per unit	27	53	49	49
	6	Power Factor Adjustment	Paise per unit	(22)	(33)	(32)	(32)
	7	Energy + ToU + PF Adjustment + NTC (4+5+6+7)	Paise per unit	480	494	492	492
	8	Fuel Cost Adjustment	Paise per unit	222	222	222	222
	9	Regulatory Charge	Paise per unit	17	17	17	17
	10	Total Charge	Paise per unit	802	836	831	831

Form 10A **GLP**

Sale of Electrical Energy

2022-23 Proposed

		Particulars		All Units	Total	Annual
A		**Physical Data**				
	1	Monthly Consumption	Mkwh	2.09	2.09	25.11
	2	Unit Sold during peak hours (ToU)	KWH			
	3	Connected Load	HP/Kw			
	4	Contract Demand	Kw/KVA			
	5	Actual Recorded Demand	Kw/KVA			
	6	Normal Billed Demand	Kw/KVA			
	7	Excess Billed Demand	Kw/KVA			
	8	Total Billed Demand	Kw/KVA			
	9	Number of Single Phase Consumers	Nos.	691	691	691
	10	Number of Three Phase Consumers	Nos.	1,262	1,262	1,262
	11	Total Number of Consumers	Nos.	1,953	1,953	1,953
	12	Power Factor	%			
	13	Monthly Consumption per consumer	KWH/Mtr	1,072	1,072	1,072
	14	Connected Load per Consumer	HP/Kw			
	15	Normal Billed Demand per Consumer	Kw/KVA			
	16	Excess Billed Demand per Consumer	Kw/KVA			
	17	Total Billed Demand per Consumer	Kw/KVA			
B		**Sales Revenue**				
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	1	1	13
	2	Excess Demand Charge	Rs. In Lakhs	-	-	-
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	1	1	13
	4	Energy Charge	Rs. In Lakhs	85	85	1,017
	5	Time of Use Charge	Rs. In Lakhs			
	6	Power Factor Adjustment	Rs. In Lakhs			
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	85	85	1,017
	8	Fuel Cost Adjustment	Rs. In Lakhs	46	46	557
	9	Regulatory Charge	Rs. In Lakhs	4	4	43
	10	Total Charge	Rs. In Lakhs	136	136	1,630
C		**Sales Revenue**				
	1	Fixed Charge / Demand Charge	Paise per unit	5	5	5
	2	Excess Demand Charge	Paise per unit	-	-	-
	3	Total Fixed Charge / Demand Charge	Paise per unit	5	5	5
	4	Energy Charge	Paise per unit	405	405	405
	5	Time of Use Charge	Paise per unit	-	-	-
	6	Power Factor Adjustment	Paise per unit	-	-	-
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	405	405	405
	8	Fuel Cost Adjustment	Paise per unit	222	222	222
	9	Regulatory Charge	Paise per unit	17	17	17
	10	Total Charge	Paise per unit	649	649	649

Form 10A **AGP**

Sale of Electrical Energy

2022-23 Proposed

		Particulars		Total	Annual
A		**Physical Data**			
	1	Monthly Consumption	Mkwh	0.09	1.13
	2	Unit Sold during peak hours (ToU)	KWH		
	3	Connected Load	HP/Kw	951	951
	4	Contract Demand	Kw/KVA		
	5	Actual Recorded Demand	Kw/KVA		
	6	Normal Billed Demand	Kw/KVA		
	7	Excess Billed Demand	Kw/KVA		
	8	Total Billed Demand	Kw/KVA		
	9	Number of Single Phase Consumers	Nos.	5	5
	10	Number of Three Phase Consumers	Nos.	230	230
	11	Total Number of Consumers	Nos.	235	235
	12	Power Factor	%		
	13	Monthly Consumption per consumer	KWH/Mtr	402	402
	14	Connected Load per Consumer	HP/Kw	4	4
	15	Normal Billed Demand per Consumer	Kw/KVA		
	16	Excess Billed Demand per Consumer	Kw/KVA		
	17	Total Billed Demand per Consumer	Kw/KVA		
B		**Sales Revenue**			
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	0.19	2.28
	2	Excess Demand Charge	Rs. In Lakhs	-	-
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	0.19	2.28
	4	Energy Charge	Rs. In Lakhs	0.57	6.81
	5	Time of Use Charge	Rs. In Lakhs		
	6	Power Factor Adjustment	Rs. In Lakhs		
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	0.57	6.81
	8	Fuel Cost Adjustment	Rs. In Lakhs	2.10	25.19
	9	Regulatory Charge	Rs. In Lakhs	0.16	1.93
	10	Total Charge	Rs. In Lakhs	3.02	36.20
C		**Sales Revenue**			
	1	Fixed Charge / Demand Charge	Paise per unit	20	20
	2	Excess Demand Charge	Paise per unit	-	-
	3	Total Fixed Charge / Demand Charge	Paise per unit	20	20
	4	Energy Charge	Paise per unit	60	60
	5	Time of Use Charge	Paise per unit	-	-
	6	Power Factor Adjustment	Paise per unit	-	-
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	60	60
	8	Fuel Cost Adjustment	Paise per unit	222	222
	9	Regulatory Charge	Paise per unit	17	17
	10	Total Charge	Paise per unit	319	319

Form 10A **TEMP**

Sale of Electrical Energy

2022-23 Proposed

		Particulars		Temporary	Annual
A		**Physical Data**			
	1	Monthly Consumption	Mkwh	0.02	0.25
	2	Unit Sold during peak hours (ToU)	KWH		-
	3	Connected Load	HP/Kw	36.21	36
	4	Contract Demand	Kw/KVA		
	5	Actual Recorded Demand	Kw/KVA		
	6	Normal Billed Demand	Kw/KVA		
	7	Excess Billed Demand	Kw/KVA		
	8	Total Billed Demand	Kw/KVA		
	9	Number of Single Phase Consumers	Nos.	-	-
	10	Number of Three Phase Consumers	Nos.	1	1
	11	Total Number of Consumers	Nos.	1	1
	12	Power Factor	%		
	13	Monthly Consumption per consumer	KWH/Mtr	21,137	2,53,647
	14	Connected Load per Consumer	HP/Kw		
	15	Normal Billed Demand per Consumer	Kw/KVA		
	16	Excess Billed Demand per Consumer	Kw/KVA		
	17	Total Billed Demand per Consumer	Kw/KVA		
B		**Sales Revenue**			
	1	Fixed Charge / Demand Charge	Rs. In Lakhs	0.28	3.30
	2	Excess Demand Charge	Rs. In Lakhs		
	3	Total Fixed Charge / Demand Charge	Rs. In Lakhs	0.28	3.30
	4	Energy Charge	Rs. In Lakhs	1.06	12.68
	5	Time of Use Charge	Rs. In Lakhs		
	6	Power Factor Adjustment	Rs. In Lakhs		
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Rs. In Lakhs	1.06	12.68
	8	Fuel Cost Adjustment	Rs. In Lakhs	0.47	5.63
	9	Regulatory Charge	Rs. In Lakhs	0.04	0.43
	10	Total Charge	Rs. In Lakhs	1.84	22.05
C		**Sales Revenue**			
	1	Fixed Charge / Demand Charge	Paise per unit	130	130
	2	Excess Demand Charge	Paise per unit	-	-
	3	Total Fixed Charge / Demand Charge	Paise per unit	130	130
	4	Energy Charge	Paise per unit	500	500
	5	Time of Use Charge	Paise per unit	-	-
	6	Power Factor Adjustment	Paise per unit	-	-
	7	Energy + ToU + PF Adjustment Charge (4+5+6)	Paise per unit	500	500
	8	Fuel Cost Adjustment	Paise per unit	222	222
	9	Regulatory Charge	Paise per unit	17	17
	10	Total Charge	Paise per unit	869	869

Torrent Power Limited
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 11: Expected Revenue at Existing Tariff

Ensuing Year (FY 2022-23)

Category	No. of consumers	Components of Tariff							Relevant sales & load/demand data for revenue calculation			Full year revenue (Rs. Crore)					Average Billing Rate (Rs/ kWh)	Ratio of Average Billing Rate to Average Cost of Supply @ 7.62 Rs/kWh (%)
		Fixed Charges (specify part name and unit)		Demand Charges (specify part name and unit)		Energy Charges (specify part name and unit)		Fuel surcharge per unit, if any	sanctioned Load in kW	Contract Demand in KVA/MVA	Sales in MU	Revenue from Fixed Charges	Revenue from Demand Charges	Revenue from Energy Charges	Revenue from fuel surcharge	Total		
HT & EHT Category																		
HTMD - 1																		
First 500 kVA	191			First 0 -500 KVA of Billing demand	170	First 400 Units per KVA of Billing Demand	4.80	2.22		47,469	133.41		9.68	64.07	29.62	103.37	7.75	102%
Above 500 kVA	48			Above 500 kVA	285	Remaining Units	4.70	2.22		42,404	170.61		11.19	83.29	37.88	132.36	7.76	102%
Sub Total	**239**									**89,873**	**304.02**	-	**20.87**	**147.36**	**67.49**	**235.73**	**7.75**	102%
HTMD - 2																		
First 500 kVA	13			First 0 -500 KVA of Billing demand	140	First 400 Units per KVA of Billing Demand	4.75	2.22		3,187	6.46		0.54	3.11	1.43	5.08	7.85	103%
Above 500 kVA	12			Above 500 kVA	225	Remaining Units	4.70	2.22		17,472	40.05		4.11	19.79	8.89	32.79	8.19	107%
Sub Total	**25**									**20,659**	**46.51**	-	**4.64**	**22.90**	**10.33**	**37.86**	**8.14**	107%
LT Category																		
LTMD																		
0 - 20 kVA	6,169	Upto 20 KVA of Billing Demand	115			All units	4.85	2.22		1,09,518	186.09	15.11		90.25	41.31	146.68	7.88	103%
20 - 60 kVA	7,461	Above 20KVA and upto 60 KVA of Billing Demand	155					2.22		2,36,423	478.93	43.97		232.60	106.32	382.90	7.99	105%
Above 60 kVA	1,139	Above 60 kVA	225					2.22		83,654	208.64	22.59		101.49	46.32	170.39	8.17	107%
Sub Total	**14,770**									**4,29,595**	**873.66**	**81.67**		**424.34**	**193.95**	**699.97**	**8.01**	105%
RGP																		
0 - 50 Units	1,21,312	Single Phase	25			First 50 Units	3.20	2.22			28.52	3.92		9.13	6.33	19.37	6.79	89%
51 - 100 Units	1,00,829	Three Phase	65			Next 50 Units	3.65	2.22			97.92	3.18		33.02	21.74	57.93	5.92	78%
101 - 250 Units	1,46,421					Next 150 Units	4.25	2.22			302.78	4.87		114.19	67.22	186.28	6.15	81%
Above 250 Units	57,669					Above 250 Units	5.05	2.22			390.52	2.56		177.67	86.70	266.92	6.83	90%
Sub Total	**4,26,231**										**819.75**	**14.52**	-	**334.00**	**181.98**	**530.51**	**6.47**	85%
BPL																		
0 - 50 Units	1	Single Phase	5			First 50 Units	1.50	2.22			0.00	0.00		0.00	0.00	0.00	3.97	52%
51 - 100 Units	2	Three Phase	5			Next 50 Units	3.65	2.22			0.00	0.00		0.00	0.00	0.00	4.40	58%
101 - 250 Units	5					Next 150 Units	4.25	2.22			0.01	0.00		0.00	0.00	0.00	5.00	66%
Above 250 Units	1					Above 250 Units	5.05	2.22			0.00	0.00		0.00	0.00	0.00	5.83	76%
Sub Total	**9**									-	**0.01**	**0.00**	-	**0.00**	**0.00**	**0.01**	**5.00**	66%
NRGP																		
0 - 10 kW	1,81,625	First 10 kW	70			For connected load upto 10 kW	4.35	2.22		5,81,575	782.85	48.85		340.54	173.79	563.19	7.19	94%
10 - 15 kW	15,180	Next 5 kW	90			For connected load above 10 kW & up to 15 kW	4.55	2.22		2,05,311	422.26	18.53		192.13	93.74	304.40	7.21	95%
Sub Total	**1,96,805**									**7,86,886**	**1,205.11**	**67.38**		**532.67**	**267.54**	**867.59**	**7.20**	94%
GLP	1,953	Single Phase	55			All units	4.05	2.22			25.11	0.13	-	10.17	5.57	**15.87**	**6.32**	83%
		Three Phase	55					2.22										
Agriculture	235	Rs./HP/Month	20			All units	0.60	2.22			1.13	0.02	-	0.07	0.25	**0.34**	**3.02**	40%
Temporary	1	Rs./kW/Day	25			All units	5.00	2.22			0.25	0.03	-	0.13	0.06	**0.22**	**8.52**	112%
Total	**6,40,267**										**3,275.56**	**163.77**	**25.51**	**1,471.64**	**727.17**	**2,388.09**	**7.29**	**96%**

(Licensees are expected to provide the details for the customer categories and sub-categories applicable to their licence area)

Torrent Power Limited
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 12: Expected Revenue at Proposed Tariff

Ensuing Year (FY 2022-23)

Category	No. of consumers	Components of Tariff						Fuel surcharge per unit, if any	Regulatory Charge	Relevant sales & load/demand data for revenue calculation			Full year revenue (Rs. Crore)						Average Billing Rate (Rs/ kWh)	Ratio of Average Billing Rate to Average Cost of Supply @7.62 Rs/kWh (%)	Increase in Proposed ABR wrt Existing ABR (%)
		Fixed Charges (specify part name and unit)		Demand Charges (specify part name and unit)		Energy Charges (specify part name and unit)				sanctioned Load in kW	Contract Demand in KVA/MVA	Sales in MU	Revenue from Fixed Charges	Revenue from Demand Charges	Revenue from Energy Charges	Revenue from fuel surcharge	Revenue from Regulatory Charge	Total			
HT & EHT Category																					
HTMD - 1																					
First 500 kVA	191			First 0 -500 KVA of Billing demand	170	First 400 Units per KVA of Billing Demand	4.80	2.22	0.17		47,469	133.41		9.68	64.07	29.62	2.27	105.64	7.92	104%	2%
Above 500 kVA	48			Above 500 kVA	285	Remaining Units	4.70	2.22	0.17		42,404	170.61		11.19	83.29	37.88	2.90	135.26	7.93	104%	2%
Sub Total	**239**										**89,873**	**304.02**	**-**	**20.87**	**147.36**	**67.49**	**5.17**	**240.90**	**7.92**	**104%**	**2%**
																		-			
HTMD - 2																		-			
First 500 kVA	13			First 0 -500 KVA of Billing demand	140	First 400 Units per KVA of Billing Demand	4.75	2.22	0.17		3,187	6.46		0.54	3.11	1.43	0.11	5.19	8.02	105%	2%
Above 500 kVA	12			Above 500 kVA	225	Remaining Units	4.70	2.22	0.17		17,472	40.05		4.11	19.79	8.89	0.68	33.47	8.36	110%	2%
Sub Total	**25**										**20,659**	**46.51**	**-**	**4.64**	**22.90**	**10.33**	**0.79**	**38.65**	**8.31**	**109%**	**2%**
LT Category																					
LTMD																					
0 - 20 kVA	6,169	Upto 20 KVA of Billing Demand	115			All units	4.85	2.22	0.17		1,09,518	186.09	15.11		90.25	41.31	3.16	149.84	8.05	106%	2%
20 - 60 kVA	7,461	Above 20KVA and upto 60 KVA of Billing Demand	155					2.22	0.17		2,36,423	478.93	43.97		232.60	106.32	8.14	391.04	8.16	107%	2%
Above 60 kVA	1,139	Above 60 kVA	225					2.22	0.17		83,654	208.64	22.59		101.49	46.32	3.55	173.94	8.34	109%	2%
Sub Total	**14,770**										**4,29,595**	**873.66**	**81.67**		**424.34**	**193.95**	**14.85**	**714.82**	**8.18**	**107%**	**2%**
RGP																					
0 - 50 Units	1,21,312	Single Phase	25			First 50 Units	3.20	2.22	0.17			28.52	3.92		9.13	6.33	0.48	19.86	6.96	91%	3%
51 - 100 Units	1,00,829	Three Phase	65			Next 50 Units	3.65	2.22	0.17			97.92	3.18		33.02	21.74	1.66	59.60	6.09	80%	3%
101 - 250 Units	1,46,421					Next 150 Units	4.25	2.22	0.17			302.78	4.87		114.19	67.22	5.15	191.42	6.32	83%	3%
Above 250 Units	57,669					Above 250 Units	5.05	2.22	0.17			390.52	2.56		177.67	86.70	6.64	273.56	7.00	92%	2%
Sub Total	**4,26,231**											**819.75**	**14.52**	**-**	**334.00**	**181.98**	**13.94**	**544.44**	**6.64**	**87%**	**3%**
																		-			
BPL																		-			
0 - 50 Units	1	Single Phase	5			First 50 Units	1.50	2.22	0.17			0.00	0.00		0.00	0.00	0.00	0.00	4.14	54%	4%
51 - 100 Units	2	Three Phase	5			Next 50 Units	3.65	2.22	0.17			0.00	0.00		0.00	0.00	0.00	0.00	4.57	60%	4%
101 - 250 Units	5					Next 150 Units	4.25	2.22	0.17			0.01	0.00		0.00	0.00	0.00	0.00	5.17	68%	3%
Above 250 Units	1					Above 250 Units	5.05	2.22	0.17			0.00	0.00		0.00	0.00	0.00	0.00	6.00	79%	3%
Sub Total	**9**										-	**0.01**	**0.00**	**-**	**0.00**	**0.00**	**0.00**	**0.01**	**5.17**	**68%**	**3%**
																		-			
NRGP																		-			
0 - 10 kW	1,81,625	First 10 kW	70			For connected load upto 10 kW	4.35	2.22	0.17		5,81,575	782.85	48.85		340.54	173.79	13.31	576.49	7.36	97%	2%
10 - 15 kW	15,180	Next 5 kW	90			For connected load above 10 kW & up to 15 kW	4.55	2.22	0.17		2,05,311	422.26	18.53		192.13	93.74	7.18	311.58	7.38	97%	2%
Sub Total	**1,96,805**										**7,86,886**	**1,205.11**	**67.38**		**532.67**	**267.54**	**20.49**	**888.08**	**7.37**	**97%**	**2%**
																		-			
GLP	1,953	Single Phase	55			All units	4.05	2.22	0.17			25.11	0.13	-	10.17	5.57	0.43	**16.30**	**6.49**	**85%**	**3%**
		Three Phase	55					2.22	0.17									-			
																		-			
Agriculture	235	Rs./HP/Month	20			All units	0.60	2.22	0.17			1.13	0.02	-	0.07	0.25	0.02	**0.36**	**3.19**	**42%**	**6%**
Temporary	1	Rs./kW/Day	25			All units	5.00	2.22	0.17			0.25	0.03	-	0.13	0.06	0.00	**0.22**	**8.69**	**114%**	**2%**
																		-			
Total	**6,40,267**											**3,275.56**	**163.77**	**25.51**	**1,471.64**	**727.17**	**55.68**	**2,443.78**	**7.46**	**98%**	**2%**

(Licensees are expected to provide the details for the customer categories and sub-categories applicable to their licence area)

Torrent Power Ltd
Surat Supply Area
MYT Petition, True-up Petition Formats - Distribution Supply Area
Form 13: Truing-up Summary

True-up Year (FY 2020-21)

Distribution Business **(Rs. Crore)**

Sr. No.	Particulars	Approved	Actual	Over/(Under) recovery	Reason for Deviation	Controllable	Uncontrollable
1	Power Purchase Expenses	1,745.15	1,471.78	273.37		(7.55)	280.92
2	Operation & Maintenance Expenses	140.94	127.03	13.91		14.55	(0.64)
3	Depreciation	57.87	67.80	(9.93)		-	(9.93)
4	Interest and Finance Charges	51.40	41.21	10.20		-	10.20
5	Interest on Working Capital	-	-	-		-	-
6	Bad debts written off	0.39	0.56	(0.17)		(0.17)	-
7	Contribution to contingency reserves	0.40	0.40	-		-	-
8	**Total Revenue Expenditure**	**1,996.15**	**1,708.78**	**287.38**	**-**	**6.83**	**280.55**
9	Return on Equity Capital	97.05	95.40	1.65		-	1.65
10	Income Tax	39.68	35.95	3.73		-	3.73
11	**Aggregate Revenue Requirement**	**2,132.88**	**1,840.12**	**292.76**	**-**	**6.83**	**285.93**
12	Less: Non Tariff Income	23.85	6.90	16.95		-	16.95
13	Less: Income from Other Business	-	-				
14	Add: Pass through as Tariff	(271.26)					
15	**True-up Aggregate Revenue Requirement**	**1,837.78**					
16	Revenue from Sale of electricity	1,885.70					
17	**Revenue Gap/(Surplus)**	**(47.92)**					

Torrent Power Limited
Surat Supply Area
MTR Petition, True-up Petition Formats - Distribution Supply Area
Form 14: Cross Subsidy Trajectory

Ensuing Year (FY 2022-23)

Category	Projected Average Cost of Supply[$] (Rs/kWh)	Average Billing Rate (Rs/kWh)			Ratio of Average Billing Rate to Projected Average Cost of Supply (%)			% increase / decrease in Cross-subsidy	% increase in tariff (%)
		Existing Tariff	Previous Tariff Order	Proposed Tariff	Existing Tariff	Previous Tariff Order	Proposed Tariff		
HTMD-1	7.62	7.75	7.75	7.92	102%	102%	104%		2%
HTMD-2	7.62	8.14	8.14	8.31	107%	107%	109%		2%
LTMD	7.62	8.01	8.01	8.18	105%	105%	107%		2%
RGP	7.62	6.47	6.47	6.64	85%	85%	87%		3%
BPL	7.62	5.00	5.00	5.17	66%	66%	68%		3%
NRGP	7.62	7.20	7.20	7.37	94%	94%	97%		2%
GLP	7.62	6.32	6.32	6.49	83%	83%	85%		3%
Agri	7.62	3.02	3.02	3.19	40%	40%	42%		6%
Temp	7.62	8.52	8.52	8.69	112%	112%	114%		2%
Total	**7.62**	**7.29**	**7.29**	**7.46**	**96%**	**96%**	**98%**		**2%**

[$] Average Cost of Supply includes earlier years' approved gap/(surplus) to be recovered through tariff