BEFORE THE HON'BLE GUJARAT ELECTRICITY REGULATORY COMMISSION AT GANDHINAGAR

Filing No. _____

Case No. 2032/2021

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 generation facilities at Ahmedabad.

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 Generation facilities at Ahmedabad which is hereinafter referred to as TPL-G (APP) for the sake of brevity.

TABLE OF CONTENTS

List of Tables

List of Abbreviation

Sl. No.	Abbreviation	Expansion
1	APP	Ahmedabad Power Plant
2	ARR	Aggregate Revenue Requirement
3	ATE	Appellate Tribunal for Electricity
4	CERC	Central Electricity Regulatory Commission
5	CHP	Coal Handling Plant
6	FY	Financial Year
7	GERC	Gujarat Electricity Regulatory Commission
8	GFA	Gross Fixed Asset
9	Kg	Kilo Gram
10	Kcal	Kilo Calorie
11	KL	Kilo Litre
12	kWh	Kilo Watt Hour
13	L	Litre
14	MTR	Mid Term Review
15	MU	Million Units
16	MW	Mega Watt
17	MYT	Multi Year Tariff
18	O&M	Operation and Maintenance
19	PAF	Plant Availability Factor
20	PBT	Profit Before Tax
21	PLF	Plant Load Factor
22	RoE	Return on Equity
23	SLDC	State Load Despatch Center
24	SFC	Secondary Fuel Consumption
25	SHR	Station Heat Rate
26	TPL-D	TPL Distribution
27	TPL-D(A)	TPL Distribution (Ahmedabad/Gandhinagar)
28	TPL-D(S)	TPL Distribution (Surat)
29	TPL-G (APP)	TPL - G (Ahmedabad Power Plant)

Chapter 1: Introduction

Company Profile

1.1 Torrent Power Limited is a Company incorporated under the Companies Act, 1956. TPL supplies electricity as a distribution licensee in accordance with the provisions of the Electricity Act, 2003.

1.2 The generation facilities at Ahmedabad consists of coal based thermal power plant at Sabarmati. TPL's Ahmedabad Power Plants are hereinafter referred to as TPL-G (APP) or TPL for the sake of brevity. 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.

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 the Control Period of FY 2016-17 to FY 2020-21 vide its Order dated 9th June 2017 in Case No. 1626/2016.

1.5 Subsequently, the Hon'ble Commission has approved the revised ARR for Generation facilities at Ahmedabad for the Control Period of FY 2019-20 & FY 2020-21 in the mid-term review vide its Order dated 24th April, 2019 in Case No. 1763/2018.

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 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 generation facilities at Ahmedabad.

1.10 The petition includes the forecast of the expenses during FY 2022-23 for the generation facilities. 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. The Petitioner is approaching this Hon'ble Commission for True-up by enumerating the reasons and extent of the variations in respect of the projections.

1.11 The Petitioner has proposed determination of tariff based on Trued up Gap/ (Surplus) of FY 2020-21 and estimated ARR of FY 2022-23.

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 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.

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 truing-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 the ARR for FY 2022-23.

f) Chapter 6 contains the compliance to the directives issued by the Hon'ble Commission in the past orders.

g) Chapter 7 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:

1. Truing up of ARR for FY 2020-21 and sharing of gains/losses on account of controllable/un-controllable factors,
2. Determination of ARR for FY 2022-23, and
3. Determination of tariff for FY 2022-23

True Up for FY 2020-21

2.2 The Hon'ble Commission had approved the ARR for FY 2020-21 for TPL's Ahmedabad Generating facility as per the MTR Order dated 24th April, 2019 vide Case No. 1763/2018. 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 true-up exercise 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. 1763/2018.

2.4 The Petitioner has considered the following parameters for true-up of ARR for TPL-G (APP).

a) Variation in variable cost on account of variation in fuel prices and operational parameters such as PLF, SHR, Auxiliary Consumption, SFC.

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

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

2.5 TPL-G (APP) submits to the Hon'ble Commission that it has made its best efforts to maintain the efficiency parameters as approved by the Hon'ble Commission. The variation in variable cost is mainly on account of uncontrollable factors such as change in offtake, fuel price, mix and calorific value. It also includes the variation in efficiency parameters like secondary fuel consumption, auxiliary consumption and station heat rate, which are controllable.

2.6 Based on the actual achievement of efficiency parameters, the Petitioner has computed the gains/losses and consequently the sharing of gains/losses. The Petitioner submits that a gain of Rs. 389.20 Crore has resulted due to uncontrollable factors and a gain of Rs. 63.56 Crore has resulted due to controllable factors. Accordingly, the net amount of Rs. (410.39) Crore is proposed to be passed through as tariff in accordance with the MYT Regulations, 2016. The Petitioner requests the Hon'ble Commission to consider the computation of variable charges corresponding to actual operational parameters, actual fixed cost, and sharing of gains/losses in accordance with the MYT Regulations, 2016. The Petitioner requests the Hon'ble Commission to approve the truing up of ARR for TPL-G (APP) as proposed based on the above computations.

2.7 The truing up for TPL-G (APP) is shown in the table below.

Table 1: Trued-up ARR of TPL-G (APP) for FY 2020-21

All figures in Rs. Crore		
ARR as per MTR	(a)	1,147.27
Gains/(Losses) due to Uncontrollable Factors	(b)	389.20
Gains/(Losses) due to Controllable Factors	(c)	63.56
Pass through as tariff	(d)=-(1/3rd of c+b)	(410.39)
ARR for True- up	(e)=a+d	736.89

2.8 The Petitioner requests the Hon'ble Commission to approve the ARR as per the computation provided hereinabove.

ARR for FY 2022-23

2.9 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 of TPL-G (APP) for FY 2022-23. The ARR is formulated as per the provisions of the MYT Regulations, 2016.

2.10 The ARR estimation is based on the assumptions as outlined below:

a) The operational parameters, such as, SHR, auxiliary consumption, SFC, transit loss, and O&M expenses is taken as per the MYT Regulations, 2016.

b) The price of fuel & calorific value is taken as per the estimates for FY 2022-23.

c) The PLF is dependent on the estimated energy drawl requirement from the TPL–G (APP) stations by TPL–D.

d) Capital expenditure of Rs. 40.76 Crore has been planned in FY 2022-23 for routine capital expenditure schemes at Sabarmati including safety & security, etc.

e) Depreciation, Interest on loans, Interest on Working Capital, ROE, etc. have been computed as per the applicable Regulations.

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

Table 2: ARR for TPL-G (APP) for FY 2022-23

All Figures in Rs. Crores	FY 2022-23
Variable Cost	1,086.31
O&M expenses	163.60
Water Charges	26.61
Interest on loans	-
Interest on working capital	15.14
Depreciation	50.74
RoE	62.37
Income Tax	20.83
Incentives	-
Less: Non-tariff income	13.11
ARR	**1,412.49**

Prayers

2.12 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 generation facilities at Ahmedabad.

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

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

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

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

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

Chapter 3: True-up for FY 2020-21

3.1 The Hon'ble Commission has approved the revised Aggregate Revenue Requirement (ARR) for FY 2020-21 in the MTR Order dated 24th April, 2019 in Case No. 1763/2018. 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 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:

1. *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;*
2. *Review of compliance with directives issued by the Commission from time to time;*
3. *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 change 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. Hence, the variation in these costs needs to be attributed to the factors responsible for the variation which are uncontrollable. 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.

Operational Performance Parameters

Availability

3.6 At the time of filing of the MTR petition, the estimated availability of the units were computed after considering annual shutdown of the unit without factoring the forced outage.

3.7 The reason for variation in actual and approved availability is due to lower planned maintenance days at D station and lower forced outage at F station during FY 2020-21. At E station, while the maintenance days were lower, the forced outages were higher primarily due to Major Overhauling of Boiler Secondary Air Preheater resulting in minor reduction in availability.

3.8 The actual plant availability of units has been computed considering the planned shutdown and the forced outages of the units during FY 2020-21. The station wise break-up of actual PAF vis-à-vis PAF estimated in MYT is provided in the table below.

Table 3: Plant Availability Factor (PAF) of TPL-G (APP) in FY 2020-21

Particulars	MTR Order	Actual
D Station	84.14%	85.27%
E Station	93.49%	90.94%
F Station	94.29%	95.05%

Plant Load Factor (PLF)

3.9 The Hon'ble Commission in its MTR order had approved the projection of PLF for different stations as projected by the Petitioner. The actual PLF is considerably lower than the approved PLF primarily due to variation in the offtake.

3.10 It may kindly be noted that PLF is dependent on actual offtake which in turn depends upon the drawal by the consumers of the licensee which is beyond the control of the Petitioner. Therefore, the variation in the PLF is uncontrollable.

3.11 The station-wise actual PLF is provided in following Table.

Table 4: Plant Load Factor (PLF) of TPL-G (APP) in FY 2020-21

Particulars	MTR Order	Actual
D Station	83.54%	30.90%
E Station	92.90%	56.91%

Particulars	MTR Order	Actual
F Station	93.89%	44.88%

Auxiliary Consumption

3.12 The Hon'ble Commission in its MTR order had approved the Auxiliary consumption in line with the MYT order.

3.13 The Petitioner would like to submit that it has been making continuous efforts to maintain the auxiliary consumption at/below approved levels. However, due to variation in offtake, the actual auxiliary consumption is higher than the approved values as the plants had to be backed down. IEGC notified by CERC clearly recognizes the impact of lower PLF on performance parameters like Auxiliary Consumption.

3.14 Though, for the purpose of quantification of gains/loss, the variation in Auxiliary consumption is considered as controllable parameter, the Petitioner requests the Hon'ble Commission to give due consideration to lower PLF on Auxiliary consumption.

3.15 For FY 2020-21, the approved & actual Auxiliary Consumption is detailed in the following table.

Table 5: Auxiliary Consumption of TPL-G (APP) for FY 2020-21

Particulars	MTR Order	Actual
D Station	9.00%	10.63%
E Station	9.00%	9.51%
F Station	9.00%	9.55%

Station Heat Rate (SHR)

3.16 The Hon'ble Commission in its MTR order had approved the SHR for FY 2020-21 in line with the MYT order. TPL-G (APP) has been making all efforts to improve and maintain the SHR at the approved level.

3.17 During FY 2020-21, the SHR of E & F station was lower whereas for D station the SHR was marginally higher.

3.18 As per MYT Regulations, 2016, the variation in SHR is a controllable parameter within the operating range of PLF for sharing of gains/losses.

3.19 The actual SHR achieved for each of the station is provided in the table below for the approval of the Hon'ble Commission.

Table 6: Station Heat Rate (SHR) for TPL-G (APP) in FY 2020-21

All figures in Kcal/kWh	MTR Order	Actual
D Station	2,450	2,454
E Station	2,455	2,448
F Station	2,455	2,427

Secondary Fuel Oil Consumption (SFC)

3.20 The Hon'ble Commission in the MTR Order had approved the SFC considering the MYT Regulations, 2016. During FY 2020-21, TPL-G (APP) achieved the lower SFC in E & F station due to lower forced outages owing to continuous efforts and better preventive maintenance. However, in D station, SFC consumption was higher as compared to norms. As per MYT Regulations, 2016, the variation in SFC is a controllable parameter for sharing of gains/losses.

3.21 The actual Secondary Fuel Oil Consumption is provided in the table below for the approval of the Hon'ble Commission.

Table 7: Secondary Fuel Oil Consumption (SFC) for TPL-G (APP) in FY 2020-21

All figures in ml/kWh	MTR Order	Actual
D Station	1.00	2.07
E Station	1.00	0.22
F Station	1.00	0.60

Transit Losses

3.22 The Hon'ble Commission has approved the transit loss for FY 2020-21 at 0.80%. The actual transit loss is at 1.25%.

3.23 It may be noted that TPL-G (APP) has been making continuous efforts to contain the Transit Losses. However, it is pertinent to note that there are various uncontrollable factors such as issue of accuracy of weighbridge at loading end, moisture loss, windage, and seepage losses due to which transit loss exists.

3.24 Despite the above, TPL-G (APP) submits that it has considered the transit loss as controllable parameter in its calculation as per MYT Regulations.

Table 8: Transit Losses for TPL-G (APP) in FY 2020-21

Particulars	MTR Order	Actual
Transit Loss (%)	0.80%	1.25%

Gross Generation and Net Generation

3.25 The Gross and Net Generation of energy based on above operating parameters has been provided in the table below for each of the stations for the approval of the Hon'ble Commission.

Table 9: Gross & Net Generation for TPL-G (APP) in FY 2020-21

Particulars	MTR Order	Actual
D Station		
Capacity in MW	120	120
PLF in %	83.54%	30.90%
Gross Generation in MU	878.16	324.84
Auxiliary Consumption in MU	79.03	34.53
Net Generation in MU	799.12	290.31
E Station		
Capacity in MW	121	121
PLF in %	92.90%	56.91%
Gross Generation in MU	984.73	603.28
Auxiliary Consumption in MU	88.63	57.35
Net Generation in MU	896.11	545.92
F Station		
Capacity in MW	121	121
PLF in %	93.89%	44.88%
Gross Generation in MU	995.14	475.68
Auxiliary Consumption in MU	89.56	45.43
Net Generation in MU	905.58	430.25
Total		
Gross Generation in MU	2,858.03	1,403.79
Auxiliary Consumption in MU	257.22	137.31
Net Generation in MU	2,600.81	1,266.47

Determination of Variable Cost

3.26 The actual variable cost is computed by considering the actual PLF, Station Heat Rate

& cost of calorific value of fuel. The actual calorific value of fuel is shown in Table 10 and the actual price of fuel is shown in Table 11 below.

Table 10: Calorific Value of Fuel of TPL-G (APP)

Particulars	MTR Order	Actual
Indigenous Coal (Kcal/Kg)	4,402	4,254
Imported Coal (Kcal/Kg)	4,886	4,754
Secondary Fuel Oil (Kcal/L)	9,837	10,079

3.27 Based on the quantity and rate of fuel, the variable cost of fuel is computed as shown in the table below.

Table 11: Fuel Cost of TPL-G (APP) in FY 2020-21

Particulars	MYT Order	Actual
Indigenous Coal		
Quantity (Tonnes)	11,50,576	6,30,988
Rate (Rs. per Tonne)	4,838	5,019
Cost (Rs. Crore)	556.61	316.71
Imported Coal		
Quantity (Tonnes)	4,01,022	1,61,401
Rate (Rs. per Tonne)	6,273	6,315
Cost (Rs. Crore)	251.55	101.93
Secondary Fuel Oil		
Quantity (KL)	2,858	1,090
Rate (Rs. per KL)	33,346	39,688
Cost (Rs. Crore)	9.53	4.33
Total Coal Cost (Rs. Crore)	808.17	418.64
Total Secondary Fuel Cost (Rs. Crore)	9.53	4.33
Total Cost (Rs. Crore)	817.70	422.97

3.28 The variable cost item includes the gains/losses on account of both controllable & un-controllable factors. The controllable factors are Station Heat Rate (SHR), Secondary Fuel Consumption, Auxiliary Consumption & transit loss and the un-controllable factors are price of fuel, Calorific Value of fuel, and offtake of power etc.

3.29 The computation of sharing of gains/losses has been carried out accordingly and is provided in the relevant section.

Determination of Fixed Costs

Operation and Maintenance (O&M) expenses

3.30 The Petitioner submits that the O&M expenses of TPL- G (APP) are lower than the approved. 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.

3.31 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. 2.29 Crore for FY 2020-21. 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.

3.32 Despite such increase, the Petitioner has been able to reduce overall O&M Cost. Actual O&M expenses vis a vis the approved has been provided in the table below for the approval of the Hon'ble Commission.

Table 12: Operation & Maintenance Expenses for TPL-G (APP) in FY 2020-21

All figures in Rs. Crore	MTR Order	Actual
Operation & Maintenance Expenses	189.94	126.42

Water Charges

3.33 The Hon'ble Commission, in the MTR Order, approved the water charges of Rs. 13.70 Crore. The actual water charges for FY 2020-21 is furnished hereunder:

Table 13: Water Charges for TPL-G (APP) in FY 2020-21

All figures in Rs. Crore	MTR Order	Actual
Water Charges	13.70	12.66

3.34 The existing MYT Regulations, 2016 provides that water charges are to be allowed as per actuals. Accordingly, TPL-G (APP) requests the Hon'ble Commission to approve the same as per actuals.

Capital Expenditure

3.35 The Hon'ble Commission, in the MYT Order, has approved the capital expenditure of Rs. 81.40 Crore. No change was proposed in the MTR. Accordingly, against the approved capital expenditure, TPL-G (APP) has incurred capital expenditure of Rs. 17.25 Crore during FY 2020-21. Summary of the capital expenditure incurred is provided in the following table.

Table 14: Capital Expenditure of TPL-G (APP) in FY 2020-21

All figures in Rs. Crore	MTR Order	Actual
Major Capital Expenditure		
Refurbishment of D, E & F station Boiler System	30.00	-
Normal Capital Expenditure		
Boiler Works	15.40	8.67
Turbine Works	11.00	1.04
Electrical Works	4.00	3.09
C&I Works	16.00	1.73
CHP Works	-	0.33
Civil Works	5.00	0.73
Others	-	0.96
Miscellaneous Capital Expenditure		
Misc.	-	0.70
Total Cost	**81.40**	**17.25**

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

a) Refurbishment of D, E and F station boiler system – In the MYT petition, the Petitioner had proposed to carry out the refurbishment work of D, E and F station boiler system and auxiliaries. Subsequently, since boiler components and pressure parts have been replaced under boiler works project in a phased manner, capex planned under refurbishment of D, E, & F station boiler system project has been deferred.

b) Normal Capital Expenditure – TPL G (APP) incurred the expenditure of Rs. 16.55 Crore against approval of Rs. 51.40 Crore. The details of actual expenditure is as under:

- *Boiler Works* – Expenditure under this head has been incurred primarily towards refurbishment of boiler secondary air preheater in E station, overhauling of ESP in D & F station, pressure part replacement, replacement of mill components of E & F station and pumps.
- *Turbine Works* – Main expenditure incurred under this head is towards generator overhauling and lube oil filtration of turbine.
- *Electrical Works* – Major expenditure envisaged under this head is towards upgradation of 415V MCC at D station, cable laying for D station and DM plant, installation, testing & commissioning of 220 V DC battery bank.
- *C&I Works* – The major expenditure of DCS upgradation at D station has been deferred based on OEM. During FY 2020-21, major expenditure incurred is towards procurement of latest flue gas analysers and components of turbine supervisory system at D/E/F station.
- *CHP Works* – Expenditure has been incurred towards gearbox procurement, conveyer frame procurement and mist cannon.
- *Civil Works* – Expenditure has been incurred towards refurbishment works of switchyard gantry structure, road, plant area, and furniture.
- *Others* – Under this head, expenditure has been incurred towards preventive measures for Covid-19 like sensors, dispensers, and taps. Additionally, need based capex is also incurred towards water cooling system, telemetry and HVAC system.

c) Misc. Capital Expenditure – TPL G (APP) incurred an expenditure of Rs. 0.70 Crore. The expenditure has been incurred towards Common server installation and IT.

The details of capitalization of TPL-G (APP) are provided hereunder.

Table 15: Capitalization for TPL-G (APP) in FY 2020-21

All figures in Rs. Crore	MTR Order	Actual
Opening GFA	1,197.36	1,118.32

All figures in Rs. Crore	MTR Order	Actual
Addition to GFA	60.86	18.23
Deletion to GFA	-	3.15
Closing GFA	1,258.22	1,133.40

Interest Expenditure

3.37 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.

3.38 The Petitioner has considered the interest expenses as per the MYT Regulations, 2016 on normative basis. Reduction of normative loan due to deduction in GFA is derived at Rs. 0.33 Crore after considering depreciation on account of deduction of Rs. 1.88 Crore and reduction in equity of Rs. 0.95 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.

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

Table 16: Interest Expense for TPL-G (APP)

(All figures in Rs. Crore except mentioned otherwise)

All figures in Rs. Crore	MTR Order	Actual
Opening balance of loans	-	12.36
Less: Reduction of normative loan due to retirement or replacement	-	0.33
Addition of loan	42.60	12.76
Repayment during the year	51.03	48.39
Closing balance of loans	(8.43)	-
Average loan	(4.21)	6.18
Weighted average rate of interest (%)	8.55%	7.85%
Interest Expense	-	**0.48**
Other Borrowing Cost	-	0.59

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

Table 17: Total Interest Expense for TPL-G (APP) in FY 2020-21

All figures in Rs. Crore	MTR Order	Actual
Interest Expense	-	1.07

3.41 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 variation in the interest rates.

Interest on Working Capital

3.42 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 18: Interest on Working Capital for TPL-G (APP) in FY 2020-21

(All figures in Rs. Crore except mentioned otherwise)

Particulars	MTR Order	Actual
Coal for 1.5 months	95.27	105.49
Secondary fuel for 2 months	1.50	1.80
O&M expense for 1 month	15.83	10.53
1 % of GFA for maintenance spares	11.97	11.18
Receivables for 1 month	-	-
Working Capital Requirement	124.57	129.01
Interest Rate (%)	10.65%	9.57%
Interest on Working Capital	**13.27**	**12.35**

3.43 The Petitioner further submits that the variation in working capital requirement is primarily on account of variation in fuel costs and O&M expenses. Further, there is a variation in interest rate applicable on working capital requirement. The Petitioner submits that 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 treated as uncontrollable.

3.44 TPL-G (APP) requests the Hon'ble Commission to approve the above mentioned interest on working capital.

Depreciation

3.45 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, the depreciation has been computed at the rates specified in the GERC Regulations.

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

Table 19: Depreciation for TPL-G (APP) in FY 2020-21

All Figures in Rs. Crore	MTR Order	Actual
Depreciation	51.03	48.39

3.47 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 be treated as uncontrollable.

Return on Equity

3.48 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 20: Return on Equity for TPL-G (APP) in FY 2020-21

All Figures in Rs. Crore	MTR Order	Actual
Opening Equity	446.09	422.49
Equity portion of capitalisation during the year	18.26	5.47
Reduction in Equity capital on account of retirement/replacement of assets	-	0.95
Equity at the end of the year	464.35	427.01
Return on Equity at the beginning of the year	62.45	59.15
Return on Equity addition during the year	1.28	0.32
Total Return on Equity	**63.73**	**59.47**

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

Income Tax

3.50 While passing the MYT Order, the Hon'ble Commission had provisionally approved the income tax of Rs. 15.34 Crore as per the actuals of FY 2015-16. The Petitioner had not proposed any changes in the MTR.

3.51 The Petitioner has claimed the Income Tax of Rs. 20.83 Crore for FY 2020-21 considering the total tax paid and the ratio of PBT of TPL-G (APP) and PBT of the company as a whole as per audited accounts.

Table 21: Income Tax of TPL-G (APP) in FY 2020-21

All figures in Rs. Crore	MTR Order	Actual
Income Tax	15.34	20.83

3.52 TPL-G (APP) requests the Hon'ble Commission to consider the variation in Income Tax as uncontrollable and allow the same for the purpose of truing up.

Non-tariff Income

3.53 The Hon'ble Commission had approved the non-tariff income of Rs. 17.43 Crore in the MYT order. The Petitioner had not proposed any changes in the MTR. The actual non-tariff income is Rs. 9.63 Crore.

Table 22: Non-Tariff Income of TPL-G (APP) in FY 2020-21

All figures in Rs. Crore	MTR Order	Actual
Non-Tariff Income	17.43	9.63

3.54 TPL-G (APP) submits that the variation in non-tariff income is uncontrollable. Accordingly, it requests the Hon'ble Commission to allow the variation in Non-Tariff Income as uncontrollable for the purpose of truing up.

Incentive

3.55 As per the MYT Regulations, 2016, the incentive payable to a thermal generating station shall be calculated in accordance with the plant load factor achieved against the normative plant load factor of 85%.

3.56 As overall PLF of Ahmedabad generating station is lower than 85%, the Petitioner has not claimed any incentive.

Summary of Fixed Cost

3.57 The total fixed cost arrived at based on the actual expense of individual items are shown below.

Table 23: Fixed Cost for TPL-G (APP) in FY 2020-21

All figures in Rs. Crore	MTR Order	Actual
O&M Expenses	189.94	126.42
Water Charges	13.70	12.66
Depreciation	51.03	48.39
Interest on loan	-	1.07
Interest on Working Capital	13.27	12.35
Return on Equity	63.73	59.47
Income Tax	15.34	20.83
Less: Non-Tariff Income	17.43	9.63
Total	**329.58**	**271.55**

Summary of Revenue Requirement

3.58 The Aggregate Revenue Requirement for the Ahmedabad Generation is summarized in the following table below:

Table 24: Summary of True-Up for TPL-G (APP) in FY 2020-21

All figures in Rs. Crore	MTR Order	Actual
Variable Cost	817.70	422.97
O&M Expenses	189.94	126.42
Water Charges	13.70	12.66
Depreciation	51.03	48.39
Interest on loan	-	1.07
Interest on Working Capital	13.27	12.35
Return on Equity	63.73	59.47
Income Tax	15.34	20.83
Incentive	-	-
Less: Non-Tariff Income	17.43	9.63
Total	**1,147.27**	**694.52**

3.59 TPL-G (APP) requests the Hon'ble Commission to kindly approve the truing up of data submitted hereinabove.

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

4.1 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 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 in the truing up section.

4.7 The comparison of various ARR items and the gains / losses due to controllable and uncontrollable factors have been summarised below:

Table 25: Controllable and Uncontrollable variations in TPL-G (APP) in FY 2020-21

All figures in Rs. Crore	FY 2020-21 (MTR Order)	FY 2020-21 (Actual)	Over/(Under) recovery	Controllable	Uncontrollable
Variable Cost	817.70	422.97	394.73	(2.25)	396.99
O&M Expenses	189.94	126.42	63.52	65.81	(2.29)
Water Charges	13.70	12.66	1.04	-	1.04
Depreciation	51.03	48.39	2.64	-	2.64
Interest on loan	-	1.07	(1.07)	-	(1.07)
Interest on Working Capital	13.27	12.35	0.92	-	0.92
Return on Equity	63.73	59.47	4.27	-	4.27
Income Tax	15.34	20.83	(5.49)	-	(5.49)
Incentive	-	-	-	-	-
Less: Non-tariff income	17.43	9.63	7.80	-	7.80
Net ARR	**1,147.27**	**694.52**	**452.76**	**63.56**	**389.20**

4.8 The variation in variable cost is mainly on account of uncontrollable factors such as change in offtake, fuel price, mix and calorific value. It also includes the variation in efficiency parameters like secondary fuel consumption, auxiliary consumption, transit loss and station heat rate, which are controllable. The entire variation on account of efficiency parameters is attributed to the controllable factors for sharing of

gains/losses as per the Regulations. The variation in fuel price, mix and calorific value along with offtake are uncontrollable and accordingly, the variation in variable cost due to these factors has been treated as uncontrollable.

4.9 Regarding O&M expenses, it is submitted that the variation should be considered as controllable except due to change in law and the factors beyond the control. As stated at Para 3.31 above, the increase in Employee expenses owing to change in law is considered as uncontrollable.

4.10 The variation in ROE, Interest expenses and depreciation on account of variation in capitalization and interest rates has been treated as uncontrollable. Similarly, the variation in income tax and non-tariff income has been treated as uncontrollable.

4.11 The variation in the working capital requirement is mainly due to variation in the fuel cost, which is uncontrollable. Similarly, the variation in interest rate is also uncontrollable. Therefore, as per the MYT Regulations, 2016, the variation in interest on working capital is to be treated as uncontrollable.

4.12 TPL-G (APP) submits that any variation on account of uncontrollable factor is a part of the gap/ (surplus) identified for the year and is passed on to the consumer through adjustment in tariff as per the Regulation 23 of the MYT Regulations, 2016. In case of variation due to controllable factors, the gains and losses have to be dealt with as per Regulation 24.

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

Table 26: Controllable Sharing of gains/losses of TPL-G (APP) for FY 2020-21

All figures in Rs. Crore	Pass through by adjustment in tariff	To be retained/ absorbed	Total
Controllable Gain	21.94	43.87	65.81
Controllable Loss	(0.75)	(1.50)	(2.25)
Total	**21.19**	**42.37**	**63.56**

4.14 Out of the controllable gain of Rs. 63.56 Crore, Rs. 21.19 Crore is to be passed through to the consumers. The remaining gain of Rs. 42.37 Crore is to be retained by the Petitioner as per the Regulations detailed hereinabove. The same needs to be added to the ARR and the same would be collected in the form of tariff.

4.15 The following is the summary of ARR recoverable by TPL-G (APP) from TPL-D towards supply of electricity to TPL-D.

Table 27: Trued-up ARR of TPL-G (APP) for FY 2020-21

All Figures in Rs. Crore		
ARR as per MTR	(a)	1,147.27
Gains/(Losses) due to Uncontrollable Factors	(b)	389.20
Gains/(Losses) due to Controllable Factors	(c)	63.56
Pass through as tariff	d=-(c/3+b)	(410.39)
ARR True- up	e=a+d	736.89

4.16 The Petitioner requests the Hon'ble Commission to approve the ARR as per the computation provided hereinabove.

Chapter 5: ARR for TPL – G for FY 2022-23

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 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 of the petition contains the Aggregate Revenue Requirement for the FY 2022-23 for TPL – G (APP). The Petitioner has determined the ARR for FY 2022-23 for Ahmedabad Generation by computing each of the components as per the Regulations and principles enunciated by the Hon'ble Commission in the MYT Regulations, 2016. This section also provides description on the performance with regard to the operational parameters, estimation of variable/fuel cost and fixed cost.

Operational Performance Parameters

5.4 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. Accordingly, the estimates of operational parameters & cost of generation is developed based on the MYT Regulations, 2016.

Availability

5.5 The plant availability factor has been computed after considering annual planned shutdown of the unit without factoring the forced outage factor.

5.6 The planned maintenance days for each unit has been tabulated in the following table:

Table 28: Annual Planned Maintenance of TPL – G (APP) for FY 2022-23

Particulars	FY 2022-23
D Station	12
E Station	18

Particulars	FY 2022-23
F Station	18

5.7 TPL-G (APP) would like to submit that above planned maintenance is scheduled normally during November to February in order to carry out this maintenance works at a time when there is lower demand.

5.8 Based on the above details, TPL-G (APP) has projected following PAF shown in the table below.

Table 29: PAF for TPL – G (APP) for FY 2022-23

Particulars	FY 2022-23
D Station	94.29%
E Station	92.69%
F Station	91.89%

5.9 TPL-G (APP) submits to the Hon'ble Commission to consider PAF as provided in the table above. However, PAF may undergo change due to forced outages and other unforeseen circumstances.

Plant Load Factor (PLF) & Incentive

5.10 Basis the PAF and other factors, PLF considered for FY 2022-23 is shown in the table below for the kind consideration of the Hon'ble Commission. However, the same may undergo change depending upon the variation in the demand.

Table 30: PLF for TPL – G (APP) for FY 2022-23

Particulars	FY 2022-23
D Station	89.10%
E Station	88.40%
F Station	88.51%

5.11 TPL-G (APP) submits to the Hon'ble Commission that it has not considered any incentive for FY 2022-23 in this petition. However, TPL-G (APP) shall claim the same during True-up exercise based on actuals in accordance with the applicable Regulations.

Auxiliary Consumption

5.12 The Hon'ble Commission vide its order dated 24th September, 2021 has extended the trajectory for all the operational parameters upto FY 2022-23 based on the principle and the methodology enunciated in the MYT Regulations, 2016.

5.13 Accordingly, the auxiliary consumption for TPL-G(APP) has been considered as under.

Table 31: Auxiliary Consumption for TPL – G (APP) for FY 2022-23

Particulars	FY 2022-23
D Station	9%
E Station	9%
F Station	9%

Station Heat Rate (SHR)

5.14 The Hon'ble Commission vide its order dated 24th September, 2021 has extended the trajectory for all the operational parameters upto FY 2022-23 based on the principle and the methodology enunciated in the MYT Regulations, 2016.

5.15 Accordingly, the Station Heat Rate for TPL-G(APP) has been considered as under.

Table 32: SHR for TPL – G (APP) for FY 2022-23 (In Kcal/KWh)

Particulars	FY 2022-23
D Station	2,450
E Station	2,455
F Station	2,455

Secondary Fuel Oil Consumption

5.16 The Hon'ble Commission vide its order dated 24th September, 2021 has extended the trajectory for all the operational parameters upto FY 2022-23 based on the principle and the methodology enunciated in the MYT Regulations, 2016.

5.17 Accordingly, the Secondary Fuel Oil Consumption for TPL-G(APP) has been considered as under:

Table 33: SFC for TPL – G (APP) for FY 2022-23 (In gm/KWh)

Particulars	FY 2022-23
D Station	1.0
E Station	1.0
F Station	1.0

Transit Losses

5.18 The Hon'ble Commission vide its order dated 24th September, 2021 has extended the trajectory for all the operational parameters upto FY 2022-23 based on the principle and the methodology enunciated in the MYT Regulations, 2016.

5.19 Accordingly, the transit losses for TPL-G(APP) has been considered as under:

Table 34: Transit Loss for TPL – G (APP) for FY 2022-23 (In %)

Particulars	FY 2022-23
Transit Loss	0.80%

Gross Generation and Net Generation

5.20 The station wise gross and net generation for FY 2022-23 have been computed based on the proposed PLF and auxiliary consumption as described in the previous section. The proposed generation of energy from the TPL – G (APP) is shown in the table below for the kind consideration of the Hon'ble Commission.

Table 35: Gross & Net Generation of TPL – G (APP) for FY 2022-23

Particulars	FY 2022-23
Plant D	
Capacity in MW	120
PLF in %	89.10%
Gross Generation in MU	936.67
Auxiliary Consumption in MU	84.30
Net Generation in MU	852.37
Plant E	
Capacity in MW	121
PLF in %	88.40%
Gross Generation in MU	936.96
Auxiliary Consumption in MU	84.33
Net Generation in MU	852.63
Plant F	

Particulars	FY 2022-23
Capacity in MW	121
PLF in %	88.51%
Gross Generation in MU	938.12
Auxiliary Consumption in MU	84.43
Net Generation in MU	853.69
Total	
Gross Generation in MU	2,811.75
Auxiliary Consumption in MU	253.06
Net Generation in MU	2,558.69

Determination of Variable Cost

5.21 TPL-G (APP) has arrived at the variable cost based on the proposed operational parameters for FY 2022-23 as described in the previous paragraphs. The price of fuel & calorific value is taken as per the estimates for FY 2022-23.

5.22 The calorific value of primary & secondary fuel is shown in the table below for the approval of the Hon'ble Commission.

Table 36: Gross Calorific Value of Fuel for FY 2022-23

Particulars	FY 2022-23
Indigenous Coal (Kcal/Kg)	4,200
Imported Coal (Kcal/Kg)	4,750
Secondary Fuel Oil (Kcal/L)	9,984

5.23 The price of primary and secondary fuel considered for FY 2022-23 is as under:

Table 37: Price of Fuel for FY 2022-23

Particulars	FY 2022-23
Indigenous Coal (Rs./Tonne)	5,662.72
Imported Coal (Rs./Tonne)	9,998.50
SFC (Rs./ KLitre)	43,926.18

5.24 TPL-G (APP) sources coal from indigenous sources and imported sources based on the requirement of fuel as per the proposed generation.

5.25 Based on the parameters discussed above the fuel cost is estimated as in the table below:

Table 38: Fuel Cost for TPL – G (APP) for FY 2022-23

Particulars	FY 2022-23
Indigenous Coal	
Requirement in Tonnes	11,97,691
Rate (Rs./Tonne)	5,663
Cost (Rs. Crore)	678.22
Imported Coal	
Requirement in Tonnes	3,95,796
Rate (Rs./Tonne)	9,998
Cost (Rs. Crore)	395.74
SFC	
Requirement in kLitre	2,812
Rate (Rs./kLitre)	43,926
Cost (Rs. Crore)	12.35
Total Coal Cost (Rs. Crore)	1,073.96
Total SFC (Rs. Crore)	12.35
Total Fuel Cost (Rs. Crore)	**1,086.31**

5.26 It may kindly be noted that in real time operations, these stations may operate at different levels depending on various system parameters, availability of other generation sources, etc. In such a case, the blending ratio and the fuel cost will change from the proposed level.

Determination of Fixed Costs

Operation and Maintenance (O&M) expenses

5.27 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.

5.28 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 is shown in the table below.

Table 39: O&M Expenses of TPL – G (APP) for FY 2022-23

All Figures in Rs. Crore	FY 2022-23
O&M Expenses	163.60

5.29 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 account of these factors are to be allowed over and above the normal allowable components.

Capital Expenditure

5.30 TPL-G (APP) endeavours to operate the generating plants efficiently to meet the normative operational parameters. This has been possible, on account of periodical up-gradations / modernization of the plants.

5.31 To ensure smooth and consistent operations with higher level of efficiency, TPL-G (APP) needs to make necessary capital expenditure.

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

Table 40: Capital Expenditure of TPL – G (APP) for FY 2022-23

All Figures in Rs. Crore	FY 2022-23
Normal Capital Expenditure	
Boiler Works	6.99
Turbine Works	17.50
Electrical Works	3.89
C&I works	8.20
Civil works	1.44
Others	0.65
Sub Total	**38.67**
Miscellaneous	2.09
Grand Total	**40.76**

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

i. Normal Capital Expenditure: The proposed capital expenditure is towards replacement of important parts/ system in light of the ageing effect on the equipment and wear and tear during the normal operations.

- *Boiler Works*: It is proposed to incur capex in a phased manner towards (i) Replacement of RC variator, Mill components like classifier assembly, coal air pipes & bends, mill body in D, E and F Station, (ii) Replacement in strategic areas of Boiler comprising of the Water wall, Steam cooled wall & LTSH, tube nest in TG side etc. along with auxiliaries, (iii) ESP overhauling of F unit, (iv) ESP hopper replacement in E and F unit and (v) Pressure Part Replacement for D/E/F station.
- *Turbine Works*: Capital expenditure is proposed to be incurred towards Turbine overhauling of D, E and F station as per the OEM guidelines and Refurbishment / replacement of BFP, CEP, CW pumps and related system components.
- *Electrical Works*: During FY 2022-23, expenditure is planned towards Replacement of DC-1B HT Board, which is single source of DC supply for D unit and Replacement of existing lighting system in belt conveyors and surrounding plant area with flame proof and energy efficient lights for safety and energy efficiency.
- *Control & Instrumentation Works*: Expenditure is proposed towards upgradation of DCS HMI, HMI of ash handling system PLC and Turbo supervisory system with latest operating system. Expenditure is also planned towards procurement of stack emission monitoring/Control analyzers to ensure availability and reliability of measurements.
- Capital Expenditure has also been planned towards refurbishment of RCC ceilings of D, E and F unit control room, CW pump house, RFO pump house and other plant buildings.

ii. Miscellaneous: Other major items include expenditure towards office equipment Barcoding and RFID tags for material tracking and PIV for stores.

5.34 TPL-G (APP) submits that the capital expenditure described hereinabove is necessary for ensuring the smooth operations of the generating station. TPL-G (APP) therefore requests the Hon'ble Commission to kindly approve the same.

5.35 Further to the above, the Petitioner would like to submit that the Ministry of Environment & Forests (MoEF) has revised the environmental norms for thermal power plants vide its notification dated 07.12.2015. In order to comply with these revised norms, all the existing generating stations are required to incur capex for

providing FGD. Accordingly, TPL-G(APP) was also directed to install FGD by December, 2022 else additional cost is to be incurred. However, representations are being made before the MoEF to grant further relief in this regard. Further, due to EHV network constraints in sourcing power from outside, the Petitioner is required to continue to operate the Ahmedabad Generation facilities. Hence, the Petitioner is required to operate the plant which is embedded in the license area to cater to the demand of the consumers. The Petitioner has not considered any capex towards compliance with the MoEF notification in the present petition. In this regard, the Petitioner shall approach the Hon'ble Commission at appropriate stage.

Interest Expenses

5.36 The capital expenditure for FY 2022-23 will be funded through a debt equity ratio of 70:30 as per the MYT Regulations 2016. The interest expense against this debt component is estimated in the table below:

Table 41: Capitalisation for FY 2022-23

All Figures in Rs. Crores		FY 2022-23
Opening GFA	a	1,174.07
Addition to GFA	b	41.88
Deletion from GFA	c	-
Closing GFA	d=a+b-c	1,215.95

5.37 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.

5.38 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.

5.39 The interest expense thus proposed for TPL-G (APP)'s generation facilities is shown in the table below for approval of the Hon'ble Commission:

Table 42: Interest Expenses for FY 2022-23

All Figures in Rs. Crores	FY 2022-23
Opening Balance of Loans	-

All Figures in Rs. Crores	FY 2022-23
Loan addition during the year	29.32
Deletion	-
Repayments during the year	50.74
Closing balance of Loans	-
Average Loans	-
Weighted Average Rate of Interest (in %)	7.85%
Interest Expense	**-**

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 applied on the working capital requirement arrived at in accordance with the Regulations.

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

Table 43: Interest on Working Capital for FY 2022-23

All Figures in Rs. Crore	FY 2022-23
Coal for 1.5 months	130.85
Secondary Fuel for 2 months	1.97
O&M expense for 1 month	13.63
1 % of GFA for maintenance spares	11.74
Working Capital Requirement	158.20
Interest Rate	9.57%
Interest on Working Capital	**15.14**

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 44: Depreciation of TPL – G (APP) for FY 2022-23

All Figures in Rs. Crore	FY 2022-23
Depreciation	50.74

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 45: Return on Equity of TPL – G (APP) for FY 2022-23

All Figures in Rs. Crore	FY 2022-23
Opening Balance	439.22
Addition	12.56
Closing Balance	451.78
ROE @ 14% on the average balance	62.37

Income Tax

5.46 For the purpose of estimation of income tax, TPL-G (APP) has considered the Income Tax of Rs. 20.83 Crore considering the total tax paid and the ratio of PBT of TPL-G (APP) 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 46: Income Tax of TPL – G (APP) for FY 2022-23

All Figures in Rs. Crore	FY 2022-23
Income Tax	20.83

Non-tariff Income

5.48 TPL-G (APP) has projected the non-tariff income of Rs. 13.11 Crore for FY 2022-23 considering the current trend.

5.49 The non-tariff income for FY 2022-23 is shown in the table below. TPL-G (APP) submits to the Hon'ble Commission to approve the non-tariff income as proposed.

Table 47: Non-Tariff Income of TPL – G (APP) for FY 2022-23

All Figures in Rs. Crore	FY 2022-23
Non-Tariff Income	13.11

Summary of Fixed Cost

5.50 The total fixed cost arrived is provided below for approval of the Hon'ble Commission.

Table 48: Fixed Cost for TPL – G (APP) for MYT Control Period

All Figures in Rs. Crore	FY 2022-23
Interest on term loan	-
Depreciation	50.74
O&M expenses	163.60
Water Charges	26.61
Interest on Working Capital	15.14
Return on Equity	62.37
Income Tax	20.83
Less: Non Tariff Income	13.11
Total fixed costs	**326.18**

Aggregate Revenue Requirement

5.51 The Aggregate Revenue Requirement of TPL – G (APP) for FY 2022-23 is shown in the table below for the approval of the Hon'ble Commission.

Table 49: Aggregate Revenue Requirement of TPL – G (APP) for FY 2022-23

All Figures in Rs. Crore	FY 2022-23
Variable Cost	1,086.31
Interest on term loan	-
Depreciation	50.74
O&M expenses	163.60
Water Charges	26.61
Interest on Working Capital	15.14
Return on Equity	62.37
Income Tax	20.83
Less: Non-Tariff Income	13.11
Net ARR	**1,412.49**

5.52 The Petitioner further submits that any variation in the fuel cost will be recovered through the approved Fuel Surcharge Formula.

Chapter 6: Compliance of Directives

6.1 The Hon'ble Commission has issued directives to the Petitioner in its order dated 31st March, 2021 in Case No. 1925/2021.

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

6.3 **EARLIER DIRECTIVES**

1) Implementation plan for meeting the new environment norms of MoEF:

The Hon'ble Commission has directed the Petitioner to submit final proposal for capital expenditure after doing cost benefit analysis, including implementation plan for the new environment norms of MoEF (GoI), if required. In this regard, the Petitioner would like to submit that due to small size of projects and Covid-19 situation prevailing during the year, no response has been received from the vendors. The Petitioner shall approach Hon'ble Commission in due course.

2) Phasing out plan for generating units:

The Hon'ble Commission has directed the Petitioner to submit final plan for phasing out, if any, for its generating units and explore cost effective option for replacing such capacity. In this regard, the Petitioner would like to submit that there has been transmission constraint to source power from outside. However, TPL-G (APP) will review the situation and keep the Hon'ble Commission updated on the same.

6.4 **NEW DIRECTIVES**

1) Submission of final proposal with respect to Capex requirement for meeting Environment norms:

The Hon'ble Commission has directed the Petitioner to submit a consolidated plan for Capex for FGD for TPL-G (APP) along with cost benefit analysis with respect to consumers. In this regard, the Petitioner would like to submit that due to small size of projects and Covid-19 situation prevailing during the year, no response has been received from the vendors. The Petitioner shall approach Hon'ble Commission in due course.

Chapter 7: Prayers

7.1 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 generation facilities at Ahmedabad.

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

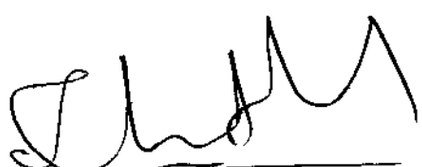
f) Allow additions/ alterations/ changes/ modifications to the petition at a future date.

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

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

i) 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 generation facilities at Ahmedabad.

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. 9585
GOVT. OF INDIA

47

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)

NOTARIAL NOTARIAL NOTARIAL NOTARIAL NOTARIAL

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

NOTARIAL NOTARIAL NOTARIAL NOTARIAL NOTARIAL

SOLEMNLY AFFIRMED BEFORE ME

(PARESH G. BAROT)
NOTARY
GOVT. OF INDIA

29 NOV 2021

Annexure 1: Tariff Filing Forms – Generation

Torrent Power Limited
Ahmedabad Power Plant
MYT Petition, True-up Petition Formats - Generation

Sr. No.	Title	Reference
1	Aggregate Revenue Requirement - Summary Sheet	Form 1
2	Summary of Tariff Proposal	Form 1.1
3	Operational Parameters - Thermal Generation	Form 2.1
4	Energy Charges - Thermal Generation	Form 2.2
5	Fuel Cost Details - Thermal Generation	Form 2.3
6	Interest on Working Capital - Thermal Generation	Form 2.4
7	Planned & Forced Outages	Form 2.8
8	% Annual Availability of Generating Stations	Form 2.9
9	Summary of Operations and Maintenance Expenses	Form 3
10	Water Charges for the True-up Year	Form 3.A
11	Water Charges for the MYT Period FY 2022-23	Form 3.A.1
12	Normative O&M Expenses	Form 3.1
13	Employee Expenses	Form 3.2
14	Administration & General Expenses	Form 3.3
15	Repair & Maintenance Expenses	Form 3.4
16	Summary of Capital Expenditure and Capitalisation	Form 4
17	Capital Expenditure Plan	Form 4.1
18	Capitalisation Plan	Form 4.2
19	Capital Work in Progress	Form 4.3
20	Assets & Depreciation	Form 5
21	Interest Expenses	Form 6
22	Return on Regulatory Equity	Form 7
23	Non-Tariff Income	Form 8

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 Bracket

Torrent Power Ltd.
MYT Petition, True-up Petition Formats - Generation
Form 1: Aggregate Revenue Requirement - Summary Sheet
Ahmedabad Power Plant

(Rs. Crore)

Sr. No.	Particulars	Reference	True-Up Year (FY 2020-21)		
			Tariff Order	Claimed in Petition	Deviation
			(a)	(b)	(c) = (b) - (a)
1	Fuel Related Expenses	Form 2.2	817.70	422.97	(394.73)
2	Operation & Maintenance Expenses	Form 3	189.94	126.42	(63.52)
2.1	Water Charges	Form 3.A & 3.A.1	13.70	12.66	(1.04)
3	Depreciation	Form 5	51.03	48.39	(2.64)
4	Interest Expenses / Interest & Finance Charges on Loan Capital	Form 6	-	1.07	1.07
5	Interest on Working Capital	Form 2.4	13.27	12.35	(0.92)
6	Special allowance in lieu of Renovation & Modernisation*		NA		
7	SLDC Fees and Charges				
8	**Total Revenue Expenditure**		**1,085.63**	**623.85**	**(461.78)**
9	Add: Return on Equity	Form 7	63.73	59.47	(4.27)
10	Add:Income Tax		15.34	20.83	5.49
11	Add: Incentive		-	-	-
12	Less: Non-Tariff Income	Form 8	17.43	9.63	(7.80)
13	**Aggregate Revenue Requirement**		**1,147.27**	**694.52**	**(452.76)**

Note: * - Wherever applicable

Torrent Power Ltd.
MYT Petition Formats - Generation
Form 1: Aggregate Revenue Requirement - Summary Sheet
Ahmedabad Power Plant

Sr. No.	Particulars	Reference	MYT Period FY 2022-23 Projected
1	Fuel Related Expenses	Form 2.2	1,086.31
2	Operation & Maintenance Expenses	Form 3	163.60
2.1	Water Charges	Form 3.A & 3.A.1	26.61
3	Depreciation	Form 5	50.74
4	Interest Expenses / Interest & Finance Charges on Loan Capital	Form 6	-
5	Interest on Working Capital	Form 2.4	15.14
6	Special allowance in lieu of Renovation & Modernisation		NA
7	SLDC Fees and Charges		
8	**Total Revenue Expenditure**		**1,342.39**
9	Add: Return on Equity	Form 7	62.37
10	Add: Income Tax		20.83
11	Less: Non-Tariff Income	Form 8	13.11
12	**Aggregate Revenue Requirement**		**1,412.49**

Torrent Power Ltd.
MYT Petition, True-up Petition Formats - Generation
Form 1.1: Summary of Tariff Proposal
Ahmedabad Power Plant

Sr. No.	Particulars	FY 2020-21
1	**Capacity (Fixed) Charges (in Rs. Crore)**	**271.55**
2	**Energy Charge Rate ex-bus (Rs./kWh)**	
a	D Station	3.46
b	E Station	3.37
c	F Station	3.22
3	**Other Charges (Rs./kWh)**	-

Torrent Power Ltd.
MYT Petition Formats - Generation
Form 1.1: Summary of Tariff Proposal
Ahmedabad Power Plant

Sr. No.	Particulars	MYT Period FY 2022-23 Projected	Remarks
1	**Capacity (Fixed) Charges (in Rs. Crore)**	**326.18**	
2	**Energy Charge Rate ex-bus (Rs./kWh)**	4.25	
a	D Station	4.23	
b	E Station	4.26	
c	F Station	4.25	
3	**Other Charges (Rs./kWh)**		

Torrent Power Ltd.
MYT Petition, True-up Petition Formats - Generation
Form 2.1: Operational Parameters - Thermal Generation
Ahmedabad Power Plant - D station

Sr. No.	Particulars	Unit of Measurement	True-Up Year (FY 2020-21)		
			Tariff Order	April - March (Audited)	Deviation
			(a)	(b)	(c) = (b) - (a)
1	Total Capacity	MW	120	120	-
2	**Availability**				
2.1	Availability	%	84.14%	85.27%	1.13%
2.2	Projected Availability	%			
3	**Plant Load Factor (PLF)**				
3.1	PLF	%	83.54%	30.90%	-52.64%
3.2	Projected PLF	%			
4	**Gross Generation**				
4.1	Gross Generation	MU	878.16	324.84	(553.32)
4.2	Projected Gross Generation	MU			
5	**Auxiliary Consumption**				
5.1	Normative Auxiliary Energy Consumption	%	9.00%	10.63%	1.63%
5.2	Projected Auxiliary Energy Consumption	%			
5.3	Projected Auxiliary Energy Consumption	MU			
5.4	Net Generation	MU	799.12	290.31	(544.30)
6	**Gross Station Heat Rate**				
6.1	Normative Gross Station Heat Rate	kcal/kWh	2,450	2,454	4.21
6.2	Projected Gross Station Heat Rate	kcal/kWh			
7	**Secondary Fuel Oil Consumption**				
7.1	Normative Secondary Fuel Oil Consumption	ml/kWh	1.00	2.07	1.07
7.2	Projected Secondary Fuel Oil Consumption	ml/kWh			
8	**Lime stone consumption**				
	Lignite based stations using CFBC Technology				
8.1	Normative	kg/kWh			-
8.2	Projected	kg/kWh			-
9	**Transit and Handling Loss**				
9.1	Normative Transit Loss	%	0.80%	1.25%	0.45%
9.2	Projected Transit Loss	%			
10	**Gas Booster Consumption**				
10.1	Normative	%			-
10.2	Projected	%			-

* Figures must be as per norms approved in GERC (MYT) Regulations, 2016

Note: Operational data is to be submitted for each Unit of each station separately

Torrent Power Ltd.
MYT Petition, True-up Petition Formats - Generation
Form 2.1: Operational Parameters - Thermal Generation
Ahmedabad Power Plant - E station

Sr. No.	Particulars	Unit of Measurement	True-Up Year (FY 2020-21)		
			Tariff Order	April - March (Audited)	Deviation
			(a)	(b)	(c) = (b) - (a)
1	Total Capacity	MW	121	121	-
2	**Availability**				
2.1	Availability	%	93.49%	90.94%	-2.55%
2.2	Projected Availability	%			
3	**Plant Load Factor (PLF)**				
3.1	PLF	%	92.90%	56.91%	-35.99%
3.2	Projected PLF	%			
4	**Gross Generation**				
4.1	Gross Generation	MU	984.73	603.28	(381.46)
4.2	Projected Gross Generation	MU			
5	**Auxiliary Consumption**				
5.1	Normative Auxiliary Energy Consumption	%	9.00%	9.51%	0.51%
5.2	Projected Auxiliary Energy Consumption	%			
5.3	Projected Auxiliary Energy Consumption	MU			
5.4	Net Generation	MU	896.11	545.92	(379.52)
6	**Gross Station Heat Rate**				
6.1	Normative Gross Station Heat Rate	kcal/kWh	2,455	2,448	(6.51)
6.2	Projected Gross Station Heat Rate	kcal/kWh			
7	**Secondary Fuel Oil Consumption**				
7.1	Normative Secondary Fuel Oil Consumption	ml/kWh	1.00	0.22	(0.78)
7.2	Projected Secondary Fuel Oil Consumption	ml/kWh			
8	**Lime stone consumption**				
	Lignite based stations using CFBC Technology				
8.1	Normative	kg/kWh			-
8.2	Projected	kg/kWh			-
9	**Transit and Handling Loss**				
9.1	Normative Transit Loss	%	0.80%	1.25%	0.45%
9.2	Projected Transit Loss	%			
10	**Gas Booster Consumption**				
10.1	Normative	%			-
10.2	Projected	%			-

* Figures must be as per norms approved in GERC (MYT) Regulations, 2016

Note: Operational data is to be submitted for each Unit of each station separately

Torrent Power Ltd.
MYT Petition, True-up Petition Formats - Generation
Form 2.1: Operational Parameters - Thermal Generation
Ahmedabad Power Plant - F station

Sr. No.	Particulars	Unit of Measurement	True-Up Year (FY 2020-21)		
			Tariff Order	April - March (Audited)	Deviation
			(a)	(b)	(c) = (b) - (a)
1	Total Capacity	MW	121	121	-
2	**Availability**				
2.1	Availability	%	94.29%	95.05%	0.76%
2.2	Projected Availability	%			
3	**Plant Load Factor (PLF)**				
3.1	PLF	%	93.89%	44.88%	-49.01%
3.2	Projected PLF	%			
4	**Gross Generation**				
4.1	Gross Generation	MU	995.14	475.68	(519.47)
4.2	Projected Gross Generation	MU			
5	**Auxiliary Consumption**				
5.1	Normative Auxiliary Energy Consumption	%	9.00%	9.55%	0.55%
5.2	Projected Auxiliary Energy Consumption	%			
5.3	Projected Auxiliary Energy Consumption	MU			
5.4	Net Generation	MU	905.58	430.25	(516.61)
6	**Gross Station Heat Rate**				
6.1	Normative Gross Station Heat Rate	kcal/kWh	2,455	2,427	(28.10)
6.2	Projected Gross Station Heat Rate	kcal/kWh			
7	**Secondary Fuel Oil Consumption**				
7.1	Normative Secondary Fuel Oil Consumption	ml/kWh	1.00	0.60	(0.40)
7.2	Projected Secondary Fuel Oil Consumption	ml/kWh			
8	**Lime stone consumption**				
	Lignite based stations using CFBC Technology				
8.1	Normative	kg/kWh			-
8.2	Projected	kg/kWh			-
9	**Transit and Handling Loss**				
9.1	Normative Transit Loss	%	0.80%	1.25%	0.45%
9.2	Projected Transit Loss	%			
10	**Gas Booster Consumption**				
10.1	Normative	%			-
10.2	Projected	%			-

* Figures must be as per norms approved in GERC (MYT) Regulations, 2016

Note: Operational data is to be submitted for each Unit of each station separately

Torrent Power Ltd.
MYT Petition Formats - Generation
Form 2.1: Operational Parameters - Thermal Generation
Ahmedabad Power Plant - D Station

Sr. No.	Particulars	Unit of Measurement	MYT Period FY 2022-23 Projected	Remarks
1	Total Capacity	MW	120	
2	**Availability**			
2.1	Target Availability for full recovery of AFC	%	85.00%	
2.2	Projected Availability	%	94.29%	
3	**Plant Load Factor (PLF)**			
3.1	Target PLF for Incentive	%	85.00%	
3.2	Projected PLF	%	89.10%	
4	**Gross Generation**			
4.1	Scheduled Generation	MU		
4.2	Projected Gross Generation	MU	936.67	
5	**Auxiliary Consumption**			
5.1	Normative Auxiliary Energy Consumption	%	9.00%	
5.2	Projected Auxiliary Energy Consumption	%		
5.3	Projected Auxiliary Energy Consumption	MU		
5.4	Net Generation	MU	852.37	
6	**Gross Station Heat Rate**			
6.1	Normative Gross Station Heat Rate	kcal/kWh	2,450	
6.2	Projected Gross Station Heat Rate	kcal/kWh		
7	**Secondary Fuel Oil Consumption**			
7.1	Normative Secondary Fuel Oil Consumption	ml/kWh	1.00	
7.2	Projected Secondary Fuel Oil Consumption	ml/kWh		
8	**Lime stone consumption**			
	Lignite based stations using CFBC Technology			
8.1	Normative	kg/kWh	NA	
8.2	Projected	kg/kWh		
9	**Transit and Handling Loss**			
9.1	Normative Transit Loss	%	0.80%	
9.2	Projected Transit Loss	%		
10	**Gas Booster Consumption**			
10.1	Normative	%	NA	
10.2	Projected	%		

* Figures must be as per norms approved in GERC (MYT) Regulations, 2016

Note: Operational data is to be submitted for each Unit of each station separately

Torrent Power Ltd.
MYT Petition Formats - Generation
Form 2.1: Operational Parameters - Thermal Generation
Ahmedabad Power Plant - E Station

Sr. No.	Particulars	Unit of Measurement	MYT Period FY 2022-23 Projected	Remarks
1	Total Capacity	MW	121	
2	**Availability**			
2.1	Target Availability for full recovery of AFC	%	85.00%	
2.2	Projected Availability	%	92.69%	
3	**Plant Load Factor (PLF)**			
3.1	Target PLF for Incentive	%	85.00%	
3.2	Projected PLF	%	88.40%	
4	**Gross Generation**			
4.1	Scheduled Generation	MU		
4.2	Projected Gross Generation	MU	936.96	
5	**Auxiliary Consumption**			
5.1	Normative Auxiliary Energy Consumption	%	9.00%	
5.2	Projected Auxiliary Energy Consumption	%		
5.3	Projected Auxiliary Energy Consumption	MU		
5.4	Net Generation	MU	852.63	
6	**Gross Station Heat Rate**			
6.1	Normative Gross Station Heat Rate	kcal/kWh	2,455	
6.2	Projected Gross Station Heat Rate	kcal/kWh		
7	**Secondary Fuel Oil Consumption**			
7.1	Normative Secondary Fuel Oil Consumption	ml/kWh	1.00	
7.2	Projected Secondary Fuel Oil Consumption	ml/kWh		
8	**Lime stone consumption**			
	Lignite based stations using CFBC Technology			
8.1	Normative	kg/kWh	NA	
8.2	Projected	kg/kWh		
9	**Transit and Handling Loss**			
9.1	Normative Transit Loss	%	0.80%	
9.2	Projected Transit Loss	%		
10	**Gas Booster Consumption**			
10.1	Normative	%	NA	
10.2	Projected	%		

* Figures must be as per norms approved in GERC (MYT) Regulations, 2016

Note: Operational data is to be submitted for each Unit of each station separately

Torrent Power Ltd.
MYT Petition Formats - Generation
Form 2.1: Operational Parameters - Thermal Generation
Ahmedabad Power Plant - F Station

Sr. No.	Particulars	Unit of Measurement	MYT Period FY 2022-23 Projected	Remarks
1	Total Capacity	MW	121	
2	**Availability**			
2.1	Target Availability for full recovery of AFC	%	85.00%	
2.2	Projected Availability	%	91.89%	
3	**Plant Load Factor (PLF)**			
3.1	Target PLF for Incentive	%	85.00%	
3.2	Projected PLF	%	88.51%	
4	**Gross Generation**			
4.1	Scheduled Generation	MU		
4.2	Projected Gross Generation	MU	938.12	
5	**Auxiliary Consumption**			
5.1	Normative Auxiliary Energy Consumption	%	9.00%	
5.2	Projected Auxiliary Energy Consumption	%		
5.3	Projected Auxiliary Energy Consumption	MU		
5.4	Net Generation	MU	853.69	
6	**Gross Station Heat Rate**			
6.1	Normative Gross Station Heat Rate	kcal/kWh	2,455	
6.2	Projected Gross Station Heat Rate	kcal/kWh		
7	**Secondary Fuel Oil Consumption**			
7.1	Normative Secondary Fuel Oil Consumption	ml/kWh	1.00	
7.2	Projected Secondary Fuel Oil Consumption	ml/kWh		
8	**Lime stone consumption**			
	Lignite based stations using CFBC Technology			
8.1	Normative	kg/kWh	NA	
8.2	Projected	kg/kWh		
9	**Transit and Handling Loss**			
9.1	Normative Transit Loss	%	0.80%	
9.2	Projected Transit Loss	%		
10	**Gas Booster Consumption**			
10.1	Normative	%	NA	
10.2	Projected	%		

* Figures must be as per norms approved in GERC (MYT) Regulations, 2016

Note: Operational data is to be submitted for each Unit of each station separately

Torrent Power Ltd.
MYT Petition, True-up Petition Formats - Generation
Form 2.2: Energy Charges - Thermal Generation
Ahmedabad Power Plant

Sr. No.	Item	Derivation	Unit	True-Up Year (FY 2020-21)		
				D Station	E Station	F Station
1	Total Capacity	A1	MW	120	121	121
2	Actual PLF	A2	%	30.90%	56.91%	44.88%
3	Gross Generation	A=A1 x A2 x 8760 or 8784 (leap year)	MUs	324.84	603.28	475.68
4	Auxiliary Consumption	C	%	10.63%	9.51%	9.55%
5	Auxiliary Consumption	B	MUs	34.53	57.35	45.43
6	Net Generation	Y=A - B	MUs	290.31	545.92	430.25
7	Station Heat Rate	D	Kcal/KWh	2,454	2,448	2,427
8	Sp. Oil Consumption	E	ml/kWh	2.07	0.22	0.60
9	Gross Calorific Value of Coal	F	kcal/kg	4,378	4,344	4,358
10	Calorific value of Oil	G	kcal/l	10,074	10,141	10,062
11	Overall Heat	H=A x D	G Cal	7,97,219	14,77,115	11,54,420
12	Heat from Oil	I=(A x E x G)/1000	G Cal	6,765	1,370	2,854
13	Heat from Coal	J=H-I	G Cal	7,90,453	14,75,746	11,51,566
14	Transit losses	K	%	1.25%	1.25%	1.25%
15	Coal Blend					
16	A) Indigenous Coal	X1	%	77%	82%	78%
17	B) Washed Coal	X2	%	-	-	-
18	C) Imported Coal	X3	%	23%	18%	22%
19	Actual Oil Consumption	L=A x E	kl	672	135	284
20	Actual Coal Consumption	M=(J X 1000)/F	MT	1,80,533	3,39,743	2,64,223
21	A) Indigenous Coal	Q1=M* x X1/(1-K)	MT	1,40,419	2,80,658	2,09,910
22	B) Washed Coal	Q2=M* x X2 / (1-K)	MT	-	-	-
23	C) Imported Coal	Q3=M* X X3	MT	41,869	62,594	56,938
24	Price of Coal					
25	A) Indigenous Coal	P1	Rs/MT	5,355	5,394	5,369
26	B) Washed Coal	P2	Rs/MT	-	-	-
27	C) Imported Coal	P3	Rs/MT	6,232	6,217	6,237
28	Price of Oil	P4	Rs/kl	39,629	41,192	39,112
29	Coal cost					
30	A) Indigenous Coal	N1=Q1 X P1	Rs Lakh	7,519	15,137	11,270
31	B) Washed Coal	N2=Q2 X P2	Rs Lakh	-	-	-
32	C) Imported Coal	N3=Q3 X P3	Rs Lakh	2,609	3,892	3,551
33	Total Coal Cost	N4=N1+N2+N3	Rs Lakh	10,128	19,029	14,821
34	Oil Cost	N5=P4 x L/10^5	Rs Lakh	266	56	111
35	Other Charges (Please specify details)	N6	Rs Lakh	(356)	(679)	(1,080)
36	Other Adjustments (Please specify details)	N7	Rs Lakh	-	-	-
37	Total Fuel Cost	O=N4+N5+N6+N7	Rs Lakh	10,039	18,406	13,852
38	Fuel Cost/Unit Gross	P=O/(A*10)	Rs/kWh	3.09	3.05	2.91
39	Fuel Cost/Unit Net	Q=O/(Y*10)	Rs/kWh	3.46	3.37	3.22
40	Cost of fuel/G.Cal	R=(O/H)*10^5	Rs/Gcal	1,259	1,246	1,200
41	Actual Net Generation	S	MUs	290.31	545.92	430.25
42	Normative Fuel Cost for actual Net Generation	T=S*Q/10	Rs. Crore	-	-	-

* Should be as per MYT Regulations. If there is any deviation, pls justify.

NOTE: Operational data is to be submitted for each Unit of each station separately

Torrent Power Ltd.
MYT Petition Formats - Generation
Form 2.2: Energy Charges - Thermal Generation
Ahmedabad Power Plant - D Station

Sr. No.	Item	Derivation	Unit	FY 2022-23	Remarks
1	Total Capacity	A1	MW	120	
2	Target PLF	A2	%	89.10%	
3	Gross Generation	A=A1 x A2 x 8760 or 8784 (leap year)/1000	MUs	936.67	
4	Auxiliary Consumption	C	%	9.00%	
5	Auxiliary Consumption	B	MUs	84.30	
6	Net Generation	Y=A - B	MUs	852.37	
7	Station Heat Rate	D	Kcal/KWh	2,450	
8	Sp. Oil Consumption	E	ml/kWh	1.00	
9	Gross Calorific Value of Coal	F	kcal/kg	4,335	
10	Calorific value of Oil	G	kcal/l	9,984	
11	Overall Heat	H=A x D	G Cal	22,94,841	
12	Heat from Oil	I=(A x E x G)/1000	G Cal	9,352	
13	Heat from Coal	J=H-I	G Cal	22,85,489	
14	Transit losses	K	%	0.80%	
15	Coal Blend				
16	A) Indigenous Coal	X1	%	75%	
17	B) Washed Coal	X2	%	-	
18	C) Imported Coal	X3	%	25%	
19	Actual Oil Consumption	L=A x E	kl	937	
20	Actual Coal Consumption	M=(J X 1000)/F	MT	5,27,178	
21	A) Indigenous Coal	Q1=M* x X1/(1-K)	MT	4,00,675	
22	B) Washed Coal	Q2=M* x X2 / (1-K)	MT	-	
23	C) Imported Coal	Q3=M* X X3	MT	1,29,709	
24	Price of Coal				
25	A) Indigenous Coal	P1	Rs/MT	5,879	
26	B) Washed Coal	P2	Rs/MT	-	
27	C) Imported Coal	P3	Rs/MT	9,800	
28	Price of Oil	P4	Rs/kl	43,926	
29	Coal cost				
30	A) Indigenous Coal	N1=Q1 X P1/10^5	Rs Lakh	23,555	
31	B) Washed Coal	N2=Q2 X P2/10^5	Rs Lakh	-	
32	C) Imported Coal	N3=Q3 X P3/10^5	Rs Lakh	12,711	
33	Total Coal Cost	N4=N1+N2+N3	Rs Lakh	36,265	
34	Oil Cost	N5=P4 x L/10^5	Rs Lakh	411	
35	Other Charges (Please specify details)	N6	Rs Lakh	(604)	
36	Other Adjustments (Please specify details)	N7	Rs Lakh	-	
37	Total Fuel Cost	O=N4+N5+N6+N7	Rs Lakh	36,073	
38	Fuel Cost/Unit Gross	P=O/(A*10)	Rs/kWh	3.85	
39	Fuel Cost/Unit Net	Q=O/(Y*10)	Rs/kWh	4.23	
40	Cost of fuel/G.Cal	R=(O/H)*10^5	Rs/Gcal	1,572	

NOTE: Operational data is to be submitted for each Unit of each station separately

Torrent Power Ltd.
MYT Petition Formats - Generation
Form 2.2: Energy Charges - Thermal Generation
Ahmedabad Power Plant - E Station

Sr. No.	Item	Derivation	Unit	FY 2022-23	Remarks
1	Total Capacity	A1	MW	121	
2	Target PLF	A2	%	88.40%	
3	Gross Generation	A=A1 x A2 x 8760 or 8784 (leap year)/1000	MUs	936.96	
4	Auxiliary Consumption	C	%	9.00%	
5	Auxiliary Consumption	B	MUs	84.33	
6	Net Generation	Y=A - B	MUs	852.63	
7	Station Heat Rate	D	Kcal/KWh	2,455	
8	Sp. Oil Consumption	E	ml/kWh	1.00	
9	Gross Calorific Value of Coal	F	kcal/kg	4,340	
10	Calorific value of Oil	G	kcal/l	9,984	
11	Overall Heat	H=A x D	G Cal	23,00,239	
12	Heat from Oil	I=(A x E x G)/1000	G Cal	9,355	
13	Heat from Coal	J=H-I	G Cal	22,90,884	
14	Transit losses	K	%	0.80%	
15	Coal Blend				
16	A) Indigenous Coal	X1	%	74%	
17	B) Washed Coal	X2	%	-	
18	C) Imported Coal	X3	%	26%	
19	Actual Oil Consumption	L=A x E	kl	937	
20	Actual Coal Consumption	M=(J X 1000)/F	MT	5,27,806	
21	A) Indigenous Coal	Q1=M* x X1/(1-K)	MT	3,96,250	
22	B) Washed Coal	Q2=M* x X2 / (1-K)	MT	-	
23	C) Imported Coal	Q3=M* X X3	MT	1,34,726	
24	Price of Coal				
25	A) Indigenous Coal	P1	Rs/MT	5,879	
26	B) Washed Coal	P2	Rs/MT	-	
27	C) Imported Coal	P3	Rs/MT	9,800	
28	Price of Oil	P4	Rs/kl	43,926	
29	Coal cost				
30	A) Indigenous Coal	N1=Q1 X P1/10^5	Rs Lakh	23,294	
31	B) Washed Coal	N2=Q2 X P2/10^5	Rs Lakh	-	
32	C) Imported Coal	N3=Q3 X P3/10^5	Rs Lakh	13,203	
33	Total Coal Cost	N4=N1+N2+N3	Rs Lakh	36,497	
34	Oil Cost	N5=P4 x L/10^5	Rs Lakh	412	
35	Other Charges (Please specify details)	N6	Rs Lakh	(594)	
36	Other Adjustments (Please specify details)	N7	Rs Lakh	-	
37	Total Fuel Cost	O=N4+N5+N6+N7	Rs Lakh	36,314	
38	Fuel Cost/Unit Gross	P=O/(A*10)	Rs/kWh	3.88	
39	Fuel Cost/Unit Net	Q=O/(Y*10)	Rs/kWh	4.26	
40	Cost of fuel/G.Cal	R=(O/H)*10^5	Rs/Gcal	1,579	

NOTE: Operational data is to be submitted for each Unit of each station separately

Torrent Power Ltd.
MYT Petition Formats - Generation
Form 2.2: Energy Charges - Thermal Generation
Ahmedabad Power Plant - F Station

Sr. No.	Item	Derivation	Unit	FY 2022-23	Remarks
1	Total Capacity	A1	MW	121	
2	Target PLF	A2	%	88.51%	
3	Gross Generation	A=A1 x A2 x 8760 or 8784 (leap year)/1000	MUs	938.12	
4	Auxiliary Consumption	C	%	9.00%	
5	Auxiliary Consumption	B	MUs	84.43	
6	Net Generation	Y=A - B	MUs	853.69	
7	Station Heat Rate	D	Kcal/KWh	2,455	
8	Sp. Oil Consumption	E	ml/kWh	1.00	
9	Gross Calorific Value of Coal	F	kcal/kg	4,337	
10	Calorific value of Oil	G	kcal/l	9,984	
11	Overall Heat	H=A x D	G Cal	23,03,087	
12	Heat from Oil	I=(A x E x G)/1000	G Cal	9,366	
13	Heat from Coal	J=H-I	G Cal	22,93,721	
14	Transit losses	K	%	0.8%	
15	Coal Blend				
16	A) Indigenous Coal	X1	%	75%	
17	B) Washed Coal	X2	%	-	
18	C) Imported Coal	X3	%	25%	
19	Actual Oil Consumption	L=A x E	kl	938	
20	Actual Coal Consumption	M=(J X 1000)/F	MT	5,28,922	
21	A) Indigenous Coal	Q1=M* x X1/(1-K)	MT	4,00,766	
22	B) Washed Coal	Q2=M* x X2 / (1-K)	MT	-	
23	C) Imported Coal	Q3=M* X X3	MT	1,31,362	
24	Price of Coal				
25	A) Indigenous Coal	P1	Rs/MT	5,879	
26	B) Washed Coal	P2	Rs/MT	-	
27	C) Imported Coal	P3	Rs/MT	9,800	
28	Price of Oil	P4	Rs/kl	43,926	
29	Coal cost				
30	A) Indigenous Coal	N1=Q1 X P1/10^5	Rs Lakh	23,560	
31	B) Washed Coal	N2=Q2 X P2/10^5	Rs Lakh	-	
32	C) Imported Coal	N3=Q3 X P3/10^5	Rs Lakh	12,873	
33	Total Coal Cost	N4=N1+N2+N3	Rs Lakh	36,433	
34	Oil Cost	N5=P4 x L/10^5	Rs Lakh	412	
35	Other Charges (Please specify details)	N6	Rs Lakh	(601)	
36	Other Adjustments (Please specify details)	N7	Rs Lakh	-	
37	Total Fuel Cost	O=N4+N5+N6+N7	Rs Lakh	36,244	
38	Fuel Cost/Unit Gross	P=O/(A*10)	Rs/kWh	3.86	
39	Fuel Cost/Unit Net	Q=O/(Y*10)	Rs/kWh	4.25	
40	Cost of fuel/G.Cal	R=(O/H)*10^5	Rs/Gcal	1,574	

NOTE: Operational data is to be submitted for each Unit of each station separately

Torrent Power Ltd.
MYT Petition, True-up Petition Formats - Generation
Form 2.3: Fuel Cost Details - Thermal Generation
Ahmedabad Power Plant

Sr. No.	Particulars	Unit	True-Up Year (FY 2020-21) - Indigenous			True-Up Year (FY 2020-21) - Imported		
			Tariff Order	April-March (Audited)	Deviation	Tariff Order	April-March (Audited)	Deviation
			(a)	(b)	(c) = (b) - (a)	(a)	(b)	(c) = (b) - (a)
1	Basic Cost	Rs/MT	4,838	2,870	539	6,273	5,485	(45)
2	Freight	Rs/MT		2,506			743	
3	Freight Surcharge, if applicable	Rs/MT			-			-
4	Fuel Handling Charges	Rs/MT			-			-
5	Taxes and Duties (pl. specify details)	Rs/MT			-			-
6	Any other charges (pl. specify details)	Rs/MT		(358)	(358)		87	87
7	**Total Price excluding Transit & Handling Loss**	Rs/MT	4,838	5,019	182	6,273	6,315	43
8	**Transit & Handling Loss**	%	0.80%	1.25%	0.45%	0.00%	0.00%	0.00%
9	**Total Price including Transit & Handling Loss**	Rs/MT	4,877	5,083	206	6,273	6,315	43

Torrent Power Ltd.
MYT Petition Formats - Generation
Form 2.3: Fuel Cost Details - Thermal Generation
Ahmedabad Power Plant

Indigenous Coal

Sr. No.	Particulars	Unit	MYT Period FY 2022-23 Projected	Remarks
1	Basic Cost	Rs/MT	3,109	
2	Freight	Rs/MT	2,770	
3	Freight Surcharge, if applicable	Rs/MT		
4	Fuel Handling Charges	Rs/MT		
5	Taxes and Duties (pl. specify details)	Rs/MT		
6	Any other charges	Rs/MT	(216)	
7	**Total Price excluding Transit & Handling Loss**	Rs/MT	5,663	
8	**Transit & Handling Loss**	%	0.80%	
9	**Total Price including Transit & Handling Loss**	Rs/MT	5,708	

Torrent Power Ltd.
MYT Petition Formats - Generation
Form 2.3: Fuel Cost Details - Thermal Generation
Ahmedabad Power Plant

Imported Coal

Sr. No.	Particulars	Unit	MYT Period FY 2022-23 Projected	Remarks
1	Basic Cost	Rs/MT	7,500	
2	Freight	Rs/MT	804	
3	Freight Surcharge, if applicable	Rs/MT		
4	Fuel Handling Charges	Rs/MT	710	
5	Taxes and Duties	Rs/MT	786	
6	Any other charges	Rs/MT	199	
7	**Total Price excluding Transit & Handling Loss**	Rs/MT	**9,998**	
8	**Transit & Handling Loss**	%	**0.00%**	
9	**Total Price including Transit & Handling Loss**	Rs/MT	**9,998**	

Torrent Power Ltd.
MYT Petition, True-up Petition Formats - Generation
Form 2.4: Interest on Working Capital - Thermal Generation
Ahmedabad Power Plant

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

(Rs. Crore)

Sr. No.	Particulars	Norm	True-Up Year (FY 2020-21)	
			Tariff Order	True-Up Petition
1	Target Availability (%)		85.00%	85.00%
2	Actual Generation (MU)		2,858.03	1,403.79
3	Cost of Coal/Lignite[1]	1.5 months	95.27	105.49
4	Cost of Oil[2]			
5	Cost of Secondary Fuel Oil[1]	2 months	1.50	1.80
6	Fuel Cost[3]			
7	Liquid Fuel Stock[3]			
8	O&M expenses	1 month	15.83	10.53
9	Maintenance Spares	1% of GFA	11.97	11.18
10	Receivables			
11	**Total Working Capital Requirement**		**124.57**	**129.01**
12	**Computation of Working Capital Interest**			
13	Interest Rate (%)		10.65%	9.57%
14	**Interest on Working Capital**		**13.27**	**12.35**
15	**Actual Working Capital Interest as per Audited Accounts**	Not Applicable		

Note:

1 For Coal based/Lignite based generating stations
2 For Oil based generating stations
3 For Gas Turbine/Combined Cycle generating stations taking into account the mode of operation on gas fuel and liquid fuel

Torrent Power Ltd.
MYT Petition Formats - Generation
Form 2.4: Interest on Working Capital - Thermal Generation
Ahmedabad Power Plant

Sr. No.	Particulars	Norm	MYT Control Period FY 2022-23 Projected
1	Target Availability (%)		85.00%
2	Generation (MU)		2,811.75
3	Cost of Coal/Lignite[1]	1.5 months	130.85
4	Cost of Oil[2]		-
5	Cost of Secondary Fuel Oil[1]	2 months	1.97
6	Fuel Cost[3]		-
7	Liquid Fuel Stock[3]		-
8	O&M expenses	1 month	13.63
9	Maintenance Spares	1% of GFA	11.74
10	Receivables		-
11	**Total Working Capital Requirement**		**158.20**
	Computation of Working Capital Interest		
12	Interest Rate (%)		9.57%
13	**Interest on Working Capital**		**15.14**

Note:

1 For Coal based/Lignite based generating stations
2 For Oil based generating stations
3 For Gas Turbine/Combined Cycle generating stations taking into account the mode of operation on gas fuel and liquid fuel

Torrent Power Limited
MYT Petition, True-up Petition Formats - Generation
Form 2.8: Planned & Forced Outages
Ahmedabad Power Plant

Sr. No.	Particulars	True-Up Year (FY 2020-21)
		Actual
1	**D station**	
A.	**Planned Outages**	
	No of days of outage	16.53
	Period of Outage	29-11-2020 00:00 to 15-12-2020 12:57
	Reasons for Outage	For Annual Shutdown
B.	**Forced Outages**	
1	No of hrs. of outage	1.55
	Period of Outage	15-05-2020 17:32 to 15-05-2020 19:05
	Reasons for Outage	Unit tripped on MFT Flame failure.
2	No of hrs. of outage	390.55
	Period of Outage	19-05-2020 17:27 to 05-06-2020 00:00
	Reasons for Outage	Unit tripped on Class B Protection
3	No of hrs. of outage	65.12
	Period of Outage	21-10-2020 to 24-10-2020
	Reasons for Outage	Unit shutdown to attend Presure part leakage
4	No of hrs. of outage	1.65
	Period of Outage	13-11-2020 06:48 to 13-11-2020 08:27
	Reasons for Outage	Unit tripped on MFT (Loss of All fuel)
5	No of hrs. of outage	22.5
	Period of Outage	2-12-2020 01:30 to 30-12-2020 00:00
	Reasons for Outage	Unit under shutdown for attending condenser Pipe Leakage
6	No of hrs. of outage	220.92
	Period of Outage	19-01-2021 11:00 to 28-01-2021 15:55
	Reasons for Outage	Unit shutdown to replace CW MCC Panel
7	No of hrs. of outage	177.72
	Period of Outage	03-02-2021 00:00 to 10-02-2021 10:19
	Reasons for Outage	Unit Under shutdown due to turbine high vibration Issue.
8	No of hrs. of outage	9.13
	Period of Outage	21-02-2021 10:12 to 21-02-2021 19:20
	Reasons for Outage	Unit shutdown for attend Pressure part leakage
9	No of hrs. of outage	4
	Period of Outage	29-03-2021 14:45 to 29-03-2021 18:45
	Reasons for Outage	Unit under force outage to resolve turbine governing valve-2 issue
2	**E station**	
A.	**Planned Outages**	
	No of days of outage	32.45
	Period of Outage	16-12-2020 00:00 to 17-01-2021 11:00
	Reasons for Outage	Unit under Annual shutdown.
B.	**Forced Outages**	
1	No of hrs. of outage	2.07
	Period of Outage	20-05-2020 to 13:03 to 20-05-2020 15:07
	Reasons for Outage	Unit tripped on MFT (Drum level low low)
2	No of hrs. of outage	10.25
	Period of Outage	27-05-2020 16:52 to 28-05-2020 03:07
	Reasons for Outage	Unit tripped through MFT on Flame failure protection
3	No of hrs. of outage	10.63
	Period of Outage	12-11-2020 20:22 to 13-11-2020 07:00
	Reasons for Outage	Unit Tripped on MFT (Drum Level Low Low)
3	**F station**	
A.	**Planned Outages**	
	No of days of outage	12.45
	Period of Outage	15-11-2020 00:00 to 27-11-2020 10:49
	Reasons for Outage	Unit under Annual shutdown.
B.	**Forced Outages**	
1	No of hrs. of outage	120.00
	Period of Outage	11-06-2020 02:00 to 16-06-2020 02:00
	Reasons for Outage	Unit Shutdown to attende Turbine HPQCV(L) Jamming issue
2	No of hrs. of outage	11
	Period of Outage	20.07-2020 08:45 to 20-07-2020 19:45
	Reasons for Outage	Unit under due to Generator IR Value problem
3	No of hrs. of outage	1.77
	Period of Outage	23-09-2020 15:36 to 23-09-2020 17:22
	Reasons for Outage	Unit tripped on MFT (Drum level very low)
4	No of hrs. of outage	1.18
	Period of Outage	03-10-2020 12:03 to 03-10-2020 13:14
	Reasons for Outage	Unit tripped on MFT Flame failure
5	No of hrs. of outage	6.83
	Period of Outage	25-03-2021 19:48 to 26-03-2021 02:38
	Reasons for Outage	Unit tripped on class-A (standby stator earth fault relay

Note: Details of outages should be submitted for each Unit of each station separately.

Torrent Power Ltd.
MYT Petition Formats - Generation
Form 2.8: Planned & Forced Outages
Ahmedabad Power Plant

Sr. No.	Particulars	MYT Control Period
		FY 2022-23
		Projected
1	D station	
	Planned Outages (No. of Days)	12
2	E station	
	Planned Outages (No. of Days)	18
3	F station	
	Planned Outages (No. of Days)	18

Torrent Power Limited
MYT Petition, True-up Petition Formats - Generation
Form 2.9: % Annual PAF & PLF of Generating Stations
Ahmedabad Power Plant

True-Up Year (FY 2020-21)

Sr. No.	Generating Station	PAF	PLF
1	D Station	85.27%	30.90%
2	E Station	90.94%	56.91%
3	F Station	95.05%	44.88%

Torrent Power Ltd.
MYT Petition, True-up Petition Formats - Generation
Form 3: Operations and Maintenance Expenses Summary
Ahmedabad Power Plant

(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		189.94	54.62	-63.52	
1.2	A&G Expenses			17.31		
1.3	R&M Expenses			54.49		
2	**Total Operation & Maintenance Expenses (Net of Capitalisation)**		**189.94**	**126.42**	**-63.52**	

Form 3.A: Water Charges for the True-Up Year (FY 2020-21)

Sr. No.	Name of Generating Station	Generation in MU	Water consumption in Cub.Mtr.	Water consumption in Cub.Mtr./MU	Rate of water in Rs./Cub.Mtr.	Amount of water charges in Rs. Crore	Tariff Order	April-March (Audited)	Deviation	Remarks
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h) = (f) - (g)	
1	**Ahmedabad Power Plant**	1,403.79	40,33,698	2,873	31.39	12.66	13.70	12.66	1.04	

Torrent Power Ltd.
MYT Petition Formats - Generation
Form 3: Operations and Maintenance Expenses Summary
Ahmedabad Power Plant

(Rs. Crore)

Sr. No.	Particulars	Reference	MYT Control Period FY 2022-23 Projected	Remarks
1	O&M Expenses	Form 3.1	163.60	
1.1	Employee Expenses		72.29	
1.2	A&G Expenses		68.84	
1.3	R&M Expenses		22.47	
2	**Total Operation & Maintenance Expenses (Net of Capitalisation)**		**163.60**	

Form 3.A.1: Water Charges for the MYT Period FY 2022-23

Sr. No.	Name of Generating Station	Projected Gross Generation in MU	Projected water consumption in Cub.Mtr. per MU	Projected rate of water in Rs./Cub.Mtr.	Projected cost of water consumption in Rs. Crore
	FY 2022-23	2,811.75	3,312	28.57	26.61

Torrent Power Ltd.
MYT Petition Formats - Generation
Form 3.1: Normative O&M Expenses
Ahmedabad Power Plant

A. For Existing Generating Stations

(Rs. Crore)

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	64.56	64.36	54.62	61.18	68.38	72.29
2	A&G Expenses	54.66	65.62	54.51	58.26	65.12	68.84
3	R & M Expenses	19.46	20.29	17.29	19.01	21.25	22.47
4	**Total O&M Expenses**	**138.68**	**150.27**	**126.42**	**138.46**	**154.75**	**163.60**

Notes: 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.
MYT Petition, True-up Petition Formats - Generation
Form 3.2: Employee Expenses
Ahmedabad Power Plant

Expenditure details

(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	60.18	-	60.18
2	Employees Welfare expenses	2.48	-	2.48
3	Commission to Non-Executive Directors	0.45	-	0.45
4	Contribution to provident and other funds	3.83	-	3.83
5	Gratuity	3.74	-	3.74
6	Compensated absenses	3.14	-	3.14
7	**Gross Employee Expenses**	**73.82**	**-**	**73.82**
8	Less: Expenses allocated to capital works and R&M	18.05	-	18.05
9	Less: Expenses pertaining to retired stations	-		-
10	Add: Remeasurement of the defined benefit plans	-1.15	-	-1.15
11	**Net Employee Expenses**	**54.62**	**-**	**54.62**
12	Total Gross Generation in MU	1,403.79	-	1,403.79
13	Employees Cost / Unit	0.39	-	0.39

Torrent Power Ltd.
MYT Petition, True-up Petition Formats - Generation
Form 3.3: Administration & General Expenses
Ahmedabad Power Plant

(Rs. Crore)

Sr. No.	Particulars	True-Up Year (FY 2020-21)		
		April-March (Audited)		
		Regulated Business	Non-regulated Business	Total (Audited)
1	Rates & Taxes	1.92	-	1.92
2	Insurance	3.65	-	3.65
3	Legal charges	1.50	-	1.50
4	Professional and Consultancy fees		-	
5	Electricity expenses	0.72	-	0.72
6	Water charges	12.66	-	12.66
7	Security expenses	1.99	-	1.99
8	Vehicle Running Expenses	0.20	-	0.20
9	Miscellaneous Expenses	2.11	-	2.11
10	Loss on sale of fixed assets	0.95	-	0.95
11	Directors' sitting fees	0.03	-	0.03
12	Statutory Auditors' remuneration	0.11	-	0.11
13	Consumption of Stores & Spares	15.58	-	15.58
14	Rent and Hire charges	0.01	-	0.01
15	Corporate social responsibility expenses	-	-	-
16	**Gross A &G Expenses**	**41.43**	**-**	**41.43**
17	Less: Expenses Capitalised	12.08	-	12.08
18	Less: Water charges	12.66	-	12.66
19	Less: Corporate social responsibility expenses	-	-	-
20	Less: Expenses pertaining to retired stations	0.02	-	0.02
21	Less: Advertisement Expenses	0.01	-	0.01
22	Less: Sponsorship Expenses	-	-	-
23	Less: Provision carried forward	0.25	-	0.25
24	Less: Insurance claim receipt*	-	-	-
25	Add: Lease payments	0.90	-	0.90
26	**Net A &G Expenses**	**17.31**	**-**	**17.31**

** Receipt of the claim made as per Note-22 of the Audited Accounts*

Torrent Power Ltd.
MYT Petition, True-up Petition Formats - Generation
Form 3.4: Repair & Maintenance Expenses
Ahmedabad Power Plant

(Rs. Crore)

Sr. No.	Particulars	True-Up Year (FY 2020-21)
1	Plant & Machinery	51.13
2	Buildings	2.28
3	Others	1.10
4	**Gross R&M Expenses**	**54.51**
5	Less: Expenses pertaining to retired stations	0.02
6	**Net R&M Expenses**	**54.49**
7	Gross Fixed Assets at beginning of year	1,118.32
8	R&M Expenses as % of GFA at beginning of year	4.87%

Torrent Power Ltd.
MYT Petition, True-up Petition Formats - Generation
Form 4: Summary of Capital Expenditure and Capitalisation
Ahmedabad Power Plant

(Rs. Crore)

Sr. No.	Particulars	True-Up Year (FY 20-21)
		April-March (Audited)
		Actual
1	Capital Expenditure	17.25
2	Capitalisation	18.23
3	IDC	-
4	Capitalisation + IDC	18.23

Note: Detail Justification shall be provided for variation in approved capital expenditure and capitalisation vis-a-vis actual capital expenditure and capitalisation

Torrent Power Ltd.
MYT Petition Formats - Generation
Form 4: Summary of Capital Expenditure and Capitalisation
Ahmedabad Power Plant

(Rs. Crore)

Sr. No.	Particulars	MYT Control Period	Remarks
		FY 2022-23	
		Projected	
1	Capital Expenditure	40.76	
2	Capitalisation	41.88	
3	IDC	-	
4	Capitalisation + IDC	41.88	

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

Project Details

(Rs. Crore)

Project Number	Project Title	CAPITAL EXPENDITURE
FY 2020-21		
	Normal Capital Expenditure Schemes	16.55
	Miscellaneous Capital Expenditure	0.70
TOTAL		**17.25**

Torrent Power Ltd.
MYT Petition Formats - Generation
Form 4.1: Capital Expenditure Plan

Project Details

(Rs. Crore)

Project Code	Project Title	Project Purpose	Project Start Date	Project Completion date (Scheduled)	Cost of the Project
	Normal Capital Expenditure Schemes				38.67
	Miscellaneous Capital Expenditure				2.09
TOTAL					**40.76**

Project Details

(Rs. Crore)

Project Number	Project Title	CAPITAL EXPENDITURE
		FY 2022-23
		Projected
	Normal Capital Expenditure Schemes	38.67
	Miscellaneous Capital Expenditure	2.09
TOTAL		**40.76**

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		12.23	28.53	7.85%		-	

Torrent Power Ltd.
MYT Petition, True-up Petition Formats - Generation
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	Capitalisation
					Actual	Actual
					FY 2020-21	FY 2020-21
1	**Major CAPEX Expenditure**				-	-
2	**Normal Capital Expenditure Schemes**					
	Boiler Works				8.67	10.01
	Turbine Works				1.04	1.14
	Electrical Works				3.09	2.83
	C&I Works	70/30			1.73	1.55
	CHP Works				0.33	0.33
	Civil Works				0.73	0.39
	Others				0.96	1.01
	Sub Total				**16.55**	**17.26**
3	**Miscellaneous Capital Expenditure**				**0.70**	**0.97**
	TOTAL				**17.25**	**18.23**

Torrent Power Ltd.
MYT Petition Formats - Generation
Form 4.2: Capitalisation Plan

Project Details

(Rs. Crore)

Sr. No.	Project Code/ Project Title	Debt Equity Ratio	Date of Completion	Benefits in Quantified Terms	Capital Expenditure	Capitalisation
					Projected	Projected
					FY 2022-23	FY 2022-23
1	**Normal Capital Expenditure Schemes**					
	Boiler Works				6.99	7.41
	Turbine Works				17.50	17.50
	Electrical Works				3.89	3.89
	C&I Works				8.20	8.89
	Civil Works				1.44	1.44
	Others				0.65	0.66
	Sub Total (II)				**38.67**	**39.79**
2	**Miscellaneous Capital Expenditure**				**2.09**	**2.09**
	TOTAL				**40.76**	**41.88**

Torrent Power Ltd.
MYT Petition, True-up Petition Formats - Generation
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										
	Boiler Works	11.13		2.46	8.67				10.01	1.12
	Turbine Works	1.24		0.20	1.04				1.14	0.10
	Electrical Works	3.48		0.39	3.09				2.83	0.65
	C&I Works	1.73		-	1.73				1.55	0.18
	CHP Works	0.34		0.01	0.33				0.33	0.01
	Civil Works	0.73		-	0.73				0.39	0.34
	Others	1.54		0.58	0.96				1.01	0.53
	Misc	0.97		0.27	0.70				0.97	-
		21.16		**3.91**	**17.25**			**-**	**18.23**	**2.93**

Torrent Power Ltd.
MYT Petition Formats - Generation
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										
	Boiler Works				6.99				7.41	
	Turbine Works				17.50				17.50	
	Electrical Works				3.89				3.89	
	C&I Works				8.20				8.89	
	Civil Works				1.44				1.44	
	Others				0.65				0.66	
	Miscellaneous Capital Expenditure				2.09				2.09	
	TOTAL				**40.76**				**41.88**	

Torrent Power Ltd.
MYT Petition, True-up Petition Formats - Generation
Form 5: Assets & Depreciation
Ahmedabad Power Plant

Fixed Assets and Depreciation For 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	16.69	-	-	16.69	-	-	-	-	0.00%/1.01%	16.69	16.69
Buildings	42.18	0.28	-	42.46	11.94	1.34	-	13.28	1.80%/3.60%/3.34%/5.28%	30.24	29.18
Railway Siding	2.42	-	-	2.42	0.83	0.05	-	0.88	1.8%/5.28%	1.59	1.54
Plant & Machinery	1,032.27	16.42	3.15	1,045.54	513.68	45.59	1.88	557.39	2.57%/3.60%/6.00%/5.28%	518.59	488.15
Electrical Fittings and apparatus	5.49	0.29	-	5.78	2.81	0.29	-	3.10	6%/6.33%	2.68	2.68
Furniture & Fixtures	3.62	0.13	-	3.75	1.66	0.22	-	1.88	6%/6.33%	1.96	1.87
Office Equipments	8.01	0.37	-	8.38	4.71	0.41	-	5.12	6%/5.28%/6.33%	3.30	3.26
Vehicles	0.83	0.08	-	0.91	0.38	0.08	-	0.46	18%/9.50%	0.45	0.45
Intangible Assets - Softwares	6.81	0.66	-	7.47	6.41	0.41	-	6.82	16.21%/15%/33.33%/30%	0.40	0.65
TOTAL	**1,118.32**	**18.23**	**3.15**	**1,133.40**	**542.42**	**48.39**	**1.88**	**588.93**		**575.90**	**544.47**

Torrent Power Ltd.
MYT Petition Formats - Generation
Form 5: Assets & Depreciation
Ahmedabad Power Plant

Fixed Assets and Depreciation For 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	16.69	-		16.69	-	-			0.00%	16.69	16.69
Buildings	46.55	1.44		47.99	14.65	1.50		16.15	1.80%/3.60%/3.34%/5.28%	31.90	31.84
Hydraulic works	-	-		-	-	-		-		-	-
Railway Siding	2.42	-		2.42	0.93	0.05		0.98	1.80%/5.28%	1.49	1.44
Plant & Machinery	1,082.22	39.10		1,121.32	603.36	47.93		651.29	2.57%/3.60%/6.00%/5.28%	478.86	470.03
Electrical Fittings and apparatus	5.78	-		5.78	3.40	0.28		3.68	6.00%/6.33%	2.38	2.10
Furniture & Fixtures	3.75	-		3.75	2.10	0.21		2.31	6.00%/6.33%	1.65	1.44
Office Equipments	8.27	-		8.27	5.38	0.39		5.77	6.00%/5.28%/6.33%	2.89	2.50
Vehicles	0.91	-		0.91	0.53	0.06		0.59	18.00%/9.50%	0.38	0.32
Intangible Assts - Softwares	7.48	1.34		8.82	7.16	0.32		7.48	16.21%/15.00%/33.33%/30%	0.32	1.34
TOTAL	**1,174.07**	**41.88**	**-**	**1,215.95**	**637.51**	**50.74**	**-**	**688.25**		**536.56**	**527.70**

Torrent Power Ltd.
MYT Petition, True-up Petition Formats - Generation
Form 6: Interest Expenses
Ahmedabad Power Plant

A. Normative Loan

(Rs. Crore)

Sr. No.	Source of Loan	True-Up Year (FY 2020-21)		
		Tariff Order	April-March (Audited)	Deviation
		(a)	(b)	(c) = (b) - (a)
1	Opening Balance of Normative Loan	-	12.36	12.36
2	Less: Reduction of Normative Loan due to retirement or replacement of assets	-	0.33	0.33
3	Addition of Normative Loan due to capitalisation during the year	42.60	12.76	(29.84)
4	Repayment of Normative loan during the year	51.03	48.39	(2.64)
5	Closing Balance of Normative Loan	-	-	-
6	Average Balance of Normative Loan	-	6.18	6.18
7	Weighted average Rate of Interest on actual Loans (%)	8.55%	7.85%	-0.70%
8	Interest Expenses	-	0.48	0.48
9	Finance Charges	-	0.59	0.59
10	**Total Interest & Finance Charges**	**-**	**1.07**	**1.07**

Torrent Power Ltd.
MYT Petition Formats - Generation
Form 6: Interest Expenses

A. Normative Loan

(Rs. Crore)

Sr. No.	Source of Loan	MYT Control Period FY 2022-23 Projected	Remarks
1	Opening Balance of Normative Loan	-	
2	Less: Reduction of Normative Loan due to retirement or replacement of assets	-	
3	Addition of Normative Loan due to capitalisation during the year	29.32	
4	Repayment of Normative loan during the year	50.74	
5	Closing Balance of Normative Loan	-	
6	Average Balance of Normative Loan	-	
7	Weighted average Rate of Interest on actual Loans (%)	7.85%	
8	Interest Expenses	-	
9	Finance Charges	-	
10	**Total Interest & Finance Charges**	**-**	

Torrent Power Ltd.
MYT Petition, True-up Petition Formats - Generation
Form 7: Return on Regulatory Equity
Ahmedabad Power Plant

(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		446.09	422.49
2	Capitalisation during the year	B		60.86	18.23
3	Equity portion of capitalisation during the year	C		18.26	5.47
4	Reduction in Equity Capital on account of retirement / replacement of assets	D		-	0.95
5	Regulatory Equity at the end of the year	E=A+C-D		464.35	427.01
	Return on Equity Computation				
6	Return on Regulatory Equity at the beginning of the year	F		62.45	59.15
7	Return on Regulatory Equity addition during the year	G=(C-D)/2		1.28	0.32
8	**Total Return on Equity**			63.73	59.47

Torrent Power Ltd.
MYT Petition Formats - Generation
Form 7: Return on Regulatory Equity

(Rs. Crore)

Sr. No.	Particulars	Legend	MYT Control Period
			FY 2022-23
			Projected
1	Regulatory Equity at the beginning of the year	A	439.22
2	Capitalisation during the year	B	41.88
3	Equity portion of capitalisation during the year	C	12.56
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	451.78
	Return on Equity Computation		
6	Return on Regulatory Equity at the beginning of the year	F	61.49
7	Return on Regulatory Equity addition during the year	G=(C-D)/2	0.88
8	**Total Return on Equity**		**62.37**

Torrent Power Ltd.
MYT Petition, True-up Petition Formats - Generation
Form 8: Non-Tariff Income
Ahmedabad Power Plant

(Rs. Crore)

Sr. No.	Particulars	Reference	True-Up Year (FY 2020-21)			Remarks
			MYT Order	April-March (Audited)	Deviation	
			(a)	(b)	(c) = (b) - (a)	
1	Insurance claim receipt			-		
2	Provisions of earlier years' written back			-		
3	Misc Income			9.53		
4	Profit on sale of fixed assets			0.11		
5	**Total**		**17.43**	**9.64**		
6	Less: Income pertaining to retired stations			0.01		
7	Less: Insurance claim receipt			-		
8	**Net Total**		**17.43**	**9.63**	**(7.80)**	

Torrent Power Ltd.
MYT Petition Formats - Generation
Form 8: Non-Tariff Income
Ahmedabad Power Plant

(Rs. Crore)

Sr. No.	Particulars	Reference	MYT Control Period FY 2022-23 Projected	Remarks
1	Income from Rents of land or buildings			
2	Income from Sale of Scrap		-	
3	Income from statutory investments			
4	Income from sale of ash/rejected coal		13.11	
5	Interest income on advances to suppliers/contractors			
6	Income from Rental from staff quarters			
7	Income from Rental from contractors			
8	Income from hire charges from contractors and others			
9	Income from advertisements, etc.			
10	Prior Period Income etc.			
11	Others (Pls. specify)			
12	**Total**		13.11	