

Manipur State Power Company Limited (MSPCL)

MULTI-YEAR TARIFF PETITION

For the control period of
FY 2023-24 to FY 2027-28

along with
Truing up of FY 2021-22,
Performance Review of FY 2022-23
Transmission Tariff of FY 2023-24

Submitted to:
Joint Electricity Regulatory Commission
for Manipur and Mizoram (JERC M&M)

Submitted By: Manipur State Power Company Limited (Imphal)



BEFORE THE HONOURABLE JOINT ELECTRICITY REGULATORY COMMISSION FOR MANIPUR AND MIZORAM (JERC M&M)

Filling No.:	
Case No.:	
IN THE MAT	TER OF:
FY 2023-24 to Review of F Regulatory C 2014 along w (M&M) from	Petition for approval of Multi Year Tariff Petition for the control period of FY 2027-28 along with Truing up of FY 2021-22 Annual Performance Y 2022-23 and Tariff Proposal of FY 2023-24, under Joint Electricity Commission for Manipur and Mizoram (Multi Year Tariff) Regulations with the other guidelines and directions issued by the Hon'ble JERC time to time and under Sections 61, 62 and 64 of the Electricity Act, 2003 relevant guidelines.
AND	
IN THE MAT	TER OF THE APPLICANT:
Manipur Stat	te Power Company Limited (MSPCL)





The Petitioner respectfully submits as under:

- 1. Manipur State Power Company Limited (herein after referred to as "MSPCL" or "Petitioner" is a deemed licensee in terms of section 14 of the Electricity Act 2003 (herein after referred to as Act), engaged in the business of transmission of electricity in the state of Manipur and responsible to build, maintain and operate an efficient, co-ordinated and economical Intra-State transmission system for smooth flow of electricity from a generating station to the load centres under section 39 of the Electricity Act, 2003.
- Pursuant to the enactment of Electricity Act, 2003, Manipur State Power Company Limited is filing this Petition, under Sections 61, 62 and 64 of the Electricity Act, 2003 and the governing Regulations thereof, for approval of Multi Year Tariff for the Control Period of FY 2023-24 to FY 2027-28 & Transmission Tariff of FY 2023-24 along with True up of FY 2021-22 and Annual Performance Review of FY 2022-23.
- The Tariff Petition for the FY 2014-15 was filed by EDM, Govt, of Manipur on behalf of all successor Companies and accordingly, the Hon'ble Commission had issued common Order for all entities (Tariff Order dated 28th February 2014).
- 4. Thereafter, MSPCL has been filing separate Tariff Petition for subsequent years along with provisional true up of previous year and review of current year. Following is the list of Tariff Petitions filed by MSPCL and the corresponding Tariff Orders issued by the Hon'ble Commission till date.

Tariff Petition and corresponding Tariff Order issued by Hon'ble Commission

Sl. No.	Particulars	Tariff Order Issued on
1	Aggregate Revenue Requirement and Transmission Tariff of FY 2015-16	Order issued on 27th February, 2015.
2	Multi-Year Aggregate Revenue Requirement for Control Period of FY 2016-17 to FY 2017-18 and Transmission Tariff 2016-17	Order issued on 29th February, 2016.
3	Review Petition filed on Multi-Year Aggregate Revenue Requirement for Control Period FY 2016- 17 to FY 2017-18	Review Order issued on 25th May, 2016.





Sl. No.	Particulars	Tariff Order Issued on
4	Aggregate Revenue Requirement and Transmission Tariff of FY 2017-18 along with True-up of FY 2014-15, provisional True up of FY 2015-16 and Performance Review of FY 2016-17	Order issued on 28th February, 2017.
5	Multi-Year Aggregate Revenue Requirement for Control Period of FY 2018-19 to FY 2022-23, Transmission Tariff of FY 2018-19 along with Provisional True up of FY 2016-17 and Performance Review of FY 2017-18	Order issued on 12th March, 2018.
6	Aggregate Revenue Requirement and Transmission Tariff of FY 2019-20 along with Performance Review of FY 2018-19	Order issued on 26th March, 2019.
7	Aggregate Revenue Requirement and Transmission Tariff of FY 2020-21, along with Provisional True-up of FY 2018-19 and Performance Review of FY 2019-20	Order issued on 20th March, 2020.
8	Aggregate Revenue Requirement and Transmission Tariff of FY 2021-22, along with Provisional True-up of FY 2019-20 and Performance Review of FY 2020-21	Order issued on 26th April, 2021.
9	Aggregate Revenue Requirement and Transmission Tariff of FY 2022-23, along with Provisional True-up of FY 2020-21 and Performance Review of FY 2021-22	Order issued on 20th March, 2022.
10	Review Petition filed on Aggregate Revenue Requirement and Transmission Tariff of FY 2022- 23, along with Provisional True-up of FY 2020-21 and Performance Review of FY 2021-22	Review Order issued on 16 th June, 2022.

- 5. In line with the provisions of JERC MYT Regulations, 2014 and the compliance with the Hon'ble JERC's directions, MSPCL has already filed a separate Petition for truing up of FY 2015-16 to FY 2020-21 based on audited accounts. Therefore, MSPCL now submits MYT Tariff Petition for the control Period of FY 2023-24 to FY 2027-28 & Transmission Tariff of FY 2023-24 based on the provisions of JERC MYT Regulations, 2014 along with truing up of FY 2021-22 based on audited accounts duly audited by C&AG and annual Performance Review of FY 2022-23 based on actual figures of 06 months and estimates of balance 06 months.
- In order to align the thoughts and principles behind the petition of ARR and Tariff Proposal, MSPCL respectfully seeks an opportunity to present





their case prior to the approval of the same. MSPCL believes that such an approach would go a long way towards providing a fair treatment to all the stakeholders and may eliminate the need for a review or clarification.

 MSPCL may also be permitted to propose suitable changes to the petition and the mechanism of meeting the revenue on further analysis, prior to the final approval by the Hon'ble Commission.



Manipur Power Company Limited (MSPCL)

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- 8. In view of the above, the petitioner respectfully prays that Hon'ble Commission may:
 - a. Admit this Petition;
 - Examine the proposal submitted by the Petitioner in the enclosed Petition for a favourable dispensation;
 - c. Pass suitable Orders with respect to the Truing up of FY 2021-22 based on Audited accounts and Annual Performance Review of FY 2022-23 and MYT Tariff Petition for the Control Period of FY 2023-24 to FY 2027-28 and Transmission Tariff of FY 2023-24 based on the applicable provisions under JERC MYT Regulations, 2014.
 - d. Approve Transmission Tariff of MSPCL for the FY 2023-24 as computed by MSPCL.
 - Permit to propose suitable changes to the petition prior to the final approval by the Hon'ble Commission;
 - f. Condone any inadvertent omission/errors/short comings and permit the petitioner to add/change/modify/alter this filing and make further submissions as may be required at a future date;
 - g. Pass such Order as the Hon'ble Commission may deem fit and appropriate keeping in view the facts and circumstances of the case.

Manipur State Power Company Limited.

Petitioner

Place: Imphal

Dated: November, 2022.



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LIST OF ABBREVIATIONS

Annexure - I

ADB	Asian Development Bank
A&G	Administrative & General
JERC	Joint Electricity Regulatory Commission Manipur and
(M&M)	Mizoram
EDM	Electricity Department, Manipur
CWIP	Capital Work in Progress
EA	Electricity Act
FY	Financial Year
GFA	Gross Fixed Asset
GoM	Government of Manipur
GSS	Grid Sub-station
IoWC	Interest on Working Capital
KV	kilo Volt
MAT	Minimum Alternate Tax
PLR	Prime Lending Rate
MU	Million Units
MVA	Mega Volt Ampere
MW	Mega Watt
MYT	Multi Year Tariff
O&M .	Operation & Maintenance
R&M	Repair & Maintenance
RoE	Return on Equity
SLDC	State Load Despatch Centre
SBI	State Bank of India
TAF	Transmission Availability Factor





1. Chapter: 1: Introduction

1.1. Historical Background of Manipur State Power Company Limited (MSPCL)

The commissioning of the two micro hydel sets having capacities of 100 KW and 56 KW at Leimakhong in 1930 by the then Manipur State HE Board marked the beginning of the use of electricity in Manipur. The Royal palace and main areas of Imphal Town enjoyed Electricity generated from this captive hydel station. During the World War-II, two more DG sets of 62 KW and 46 KW capacities were installed at the old Imphal Power House by the Armed Forces for electrification of Imphal town and its suburbs. The above installed capacity remained the same till the end of the first Five Year plan (1951-56) of the post-independence period. The second Five Year Plan (1956-61) however saw a significant change in the demand of power in the state. The demand has been growing rapidly envisaging more social acceptance and the gradual promotion of awareness of the people towards the use of electricity for different purposes. This had necessitated further addition in the generation capacity and it was accomplished with the installation of a few more DG sets of various capacities in and around Imphal.

To evacuate the power generated from the captive micro hydel power station (100 + 56) KW at Leimakhong to specific load centres of Palace Compound and main bazar area of Imphal, the 20 Km. long, 11 KV line between Imphal & Leimakhong was constructed for the first time in Manipur in 1930. The state was then having 26 Km. of 11 KV lines and 45 Km. of domestic lines to serve very few consumers in 7 villages/Leikais. Both the line and generating stations were owned by the then Manipur State HE Board, constituted under the ex-officio Chairmanship of the Political Agent. Subsequently Electricity was kept under the administrative control of the Public Works Department, Government of Manipur. It was separated from state PWD and started functioning as an independent Department since February 1970.

The peak load demand of Manipur in 1971 was 3.6 MW only. The demand was met from the State's own generating stations and power purchased from the neighboring states/Electricity Board at the low voltage. The per capita consumption of energy was 4.84 KWh. The demand was kept suppressed due to lack of generation till the year 1980. The scenario was abruptly changed after the purchase of bulk power from Assam with the commissioning of 132 KV interstate transmission line from Imphal to Dimapur and 6.3 MVA, 132/33 KV substation at Yurembam in December 1981. The situation was further alleviated with





the commissioning of Loktak Hydro Electric Project having a capacity of 3x35 MW on 4th of August 1984.

During the years from 1984 to 1996, a number of Central Sector Power Projects, mostly hydel projects in the North Eastern Region were commissioned. Every project has a share of about 7-8% for Manipur. Because of the availability from such projects, the peak demand of the state has increased gradually over the period of time.

After the enactment of Electricity Act 2003, various reforms have been initiated in the power sector including restructuring of integrated State Electricity Boards into separate companies. The Electricity Department of Manipur had also initiated the process of reforms and restructuring the Department into corporatization and restructuring of the Electricity Department. In FY 2013-14, with effect from 1st Feb' 2014, Electricity Department of Manipur (EDM) has been restructured and separated into two different entities –

- 1) Manipur State Power Distribution Company Limited (MSPDCL) and
- 2) Manipur State Power Company Limited (MSPCL).
 - Manipur State Power Distribution Company Limited (MSPDCL)

MSPDCL is the Distribution Company to which the Distribution Undertakings of the department have been transferred after restructuring the EDM.

Manipur State Power Company Limited (MSPCL)

MSPCL is the Transmission Company to which the Transmission Undertakings of the department have been transferred after restructuring the EDM.

1.2. Background of Regulatory Setup

The State Governments of Manipur and Mizoram, in an aspiration to create an independent Electricity Regulatory Commission to regulate the affairs of power sector, authorized Government of India to constitute a Joint Commission as per Memorandum of Agreement dated 23rd July, 2004 among the Government of India and the States of Manipur and Mizoram. Accordingly, under provisions of Section 83(5) the Electricity Act, 2003, a quasi-judicial independent body as the Joint Electricity Regulatory Commission for the States of Manipur & Mizoram (JERC) was constituted by the Central Government vide Govt. of India F. No.





23/3/2002-R&R dt. 18th January, 2005 notified in the Gazette of India, Extraordinary dated 18th January, 2005. The functioning of the Commission started in January 2008. The Joint Electricity Regulatory Commission issued its first Tariff Order for FY 2010-11 for the state of Manipur on 15th March, 2011.

1.3. Approach to filling the current Petition

Section 62 of the Electricity Act, 2003 requires the Licensee to furnish details as may be specified by the Hon'ble Commission for determination of tariff.

Further, Regulation 10 of the JERC MYT Regulations, 2014, requires MSPCL to file Truing up of previous year before the Hon'ble Commission for determination and approval of Revenue Gap/(Surplus).

The relevant extracts as follows:

"10.1 Where the Aggregate Revenue Requirement and expected revenue from tariff and charges of a Generating Company or Transmission Licensee or Distribution Licensee is covered under a Multi-Year Tariff framework, then such Generating Company or Transmission Licensee or Distribution Licensee, as the case may be, shall be subject to truing up of expenses and revenue during the Control Period in accordance with these Regulations.

10.2 The Generating Company or Transmission Licensee or Distribution Licensee shall file an Application for Truing up of the previous year and determination of tariff for the ensuing year, within the time limit specified in these Regulations:

Provided that the Generating Company or Transmission Licensee or Distribution Licensee, as the case may be, shall submit to the Commission information in such form as may be prescribed by the Commission, together with the Audited Accounts, extracts of books of account and such other details as the Commission may require to assess the reasons for and extent of any variation in financial performance from the approved forecast of Aggregate Revenue Requirement and expected revenue from tariff and charges......."

Based on the above provisions of the JERC MYT Regulations, 2014 read with JERC (Multi Year Tariff) (First Amendment) Regulations, 2019 MSPCL is filing the present petition for truing up of FY 2021-22 based on audited accounts, Annual Performance Review of FY 2022-23 based on actual 06 months figure and Multi Year Tariff for the Control Period of FY 2023-24 to FY 2027-28 & Transmission Tariff of FY 2023-24.

1.4. Contents of this Petition

The current Petition consist of the following main sections namely:

Chapter: 1: Introduction of the Present Petition (Present Chapter)





Chapter: 2: Overview of the Present Petition

Chapter: 3: Truing up of FY 2021-22

Chapter: 4: Annual Performance Review of FY 2022-23

Chapter: 5: Annual Revenue Requirements for the Control Period of FY 2023-24

to FY 2027-28.

Chapter: 6: Transmission Tariff of FY 2023-24

Chapter: 7: Prayers

Chapter: 8: Compliance of Directives.

Chapter: 9: Regulatory Formats.





2. Chapter: 2: Overview of the Present Petition

2.1 Transmission Infrastructure

MSPCL likes to submit that the power supply position in the State of Manipur is improving and the Petitioner is taking all the required steps to strengthen and develop the electricity infrastructure for end-to-end transmission of power within the State. The following table shows the details of Grid Sub Stations along with transformation capacity of MSPCL:

Table 1: Details of Grid Sub Stations along with transformation capacity (in MVA)

Voltage	FY 2021-22 e (Actual)		FY 2022-23 (Estimate)		FY 2023-24 (Projection)	
Level	No. of Substation	No. of Substation	No. of Substation	Capacity (MVA)	No. of Substation	Capacity (MVA)
400 KV	1	315.00	1	315.00	1	315.00
132 KV	16	638.30	16	638.30	17	738.30
33 KV	96	867.15	103	926.05	106	941.05

Further, MSPCL has also established network of transmission lines within the state over the period. The Details of Transmission lines alongwith voltage levels are provided in the table below:

Table 2: Details of Transmission Lines (in Ckt. Km.)

Transmission Line	FY 2021-22 (Actual)	FY 2022-23 (Estimate)	FY 2023-24 (Projection)
400 KV	45.00	45.00	45.00
132 KV	638.46	638.46	638,46
33 KV	1,648.30	1,648.30	1,716.30

2.2 Transmission Loss

MSPCL likes to submit that all input and output points of transmission system have not been metered and the metering is being executed under the SAMAST scheme within the state. In view of the above, for the period under True-up, MSPCL has computed transmission loss based on the energy input & out put figures as available. in the provisional True-up for the respective years. the Hon'ble Commission has also provisionally considered the same in the respective Tariff Orders.

The Following table shows Transmission Loss approved by the commission in last three years





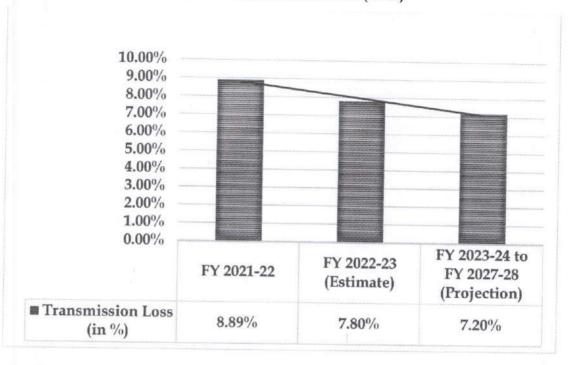


Table 3: Transmission Loss (in %)

2.3 Transmission Capacity of MSPCL

MSPCL submits that it has only one long term transmission customer which is the distribution licensee i.e. MSPDCL.

Further, MSPCL submits that while taking new projects for implementation, all priority has been given to enhance & strengthen the capacity of Transmission system. The following table shows the Capacity handled by the MSPCL over the years.

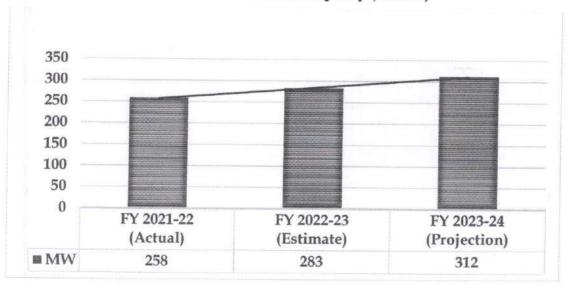


Table 4: Transmission Capacity (in MW)





2.4 Summary of Aggregate Revenue Requirements

MSPCL submits that it has prepared the true up of FY 2021-22 based on audited accounts, Annual Performance Review of FY 2022-23 based on actual figures of Six months and MYT Petition for the Control Period of FY 2023-24 to FY 2027-28 & Transmission Tariff of FY 2023-24 as per the provisions of JERC MYT Regulations, 2014. The summary of the ARR of respective years is as follows:

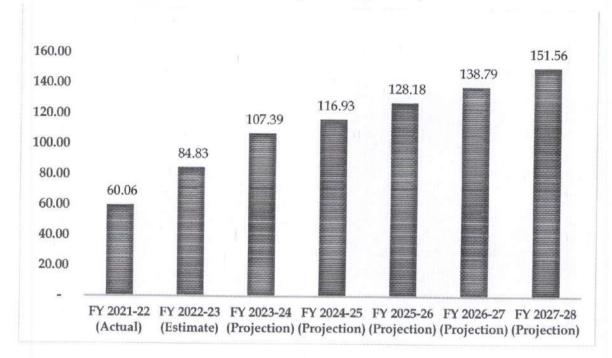
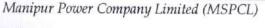


Table 5: Summary of ARR (Rs. Cr.)







3. Chapter: 3: Truing up of FY 2021-22

3.1. Background

MSPCL is filing the current petition for truing up of FY 2021-22 based on the Audited accounts of FY 2021-22, Annual Performance Review of FY 2022-23 & MYT Petition for the Control Priod of FY 2023-24 to FY 2027-28 and Transmission Tariff of FY 2023-24.

MSPCL has considered the values approved in the ARR, Annual Performance Review vis-à-vis values as per financial statement of the respective years for Truing up.

The True up of FY 2021-22 is carried out in accordance with Regulation 10.3 of the MYT Regulations, 2014, which are as follows:

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

- a 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 including pass-through of impact of uncontrollable factors;
- (ii) Review of compliance with directives issued by the Commission from time to time;
- (iii) Other relevant details, if any."

Further, Regulation 5.2 (ii) of the JERC (Multi Year Tariff) (First Amendment) Regulations, 2019, provides as follows:

"From the second year of the Control Period onwards and upto the last year of the Control Period, the Petition in each year shall comprise of:

a. Truing Up for the previous year with audited accounts, and Annual Performance Review (APR) with revision of ARR approved in MYT Order for current year and revised projection of ARR approved in MYT Order for the ensuing year in accordance with these Regulations......"

3.2. Transmission Losses

MSPCL submits that in absence of meters, MSPCL was not in a position to arrive at the actual transmission losses for the FY 2021-22.





Therefore, MSPCL requests the Hon'ble Commission to consider and approve transmission loss at 8.894% as considered in the Tariff Order of FY 2021-22 dated: 26.04.2021.

Table 6: Transmission Loss of FY 2015-16 to FY 2020-21 (in %)

SI. No.	Financial Year	Transmission Loss (in %)
1	FY 2021-22	8.894%

However, MSPCL would like to submit that the MSPCL is undertaking the metering of the feeders, under the SAMAST Scheme. SAMAST Scheme encompasses installation of 81 No. of Meters at 132 KV, 312 No. of Meters at 33 KV and 447 No. of Meters at 11 KV level and with the implementation of 33 KV system integration with SLDC and reliable communication for grid connectivity. The common NIT for SAMAST implementation in NER states was prepared by SAMAST committee under NERPC under PSDF funding wherein the NIT was floated in two parts viz (i) for supply, installation, testing and commissioning of 0.25 class ABT meters and automated meter reading (AMR) solutions (ii) for supply, installation, testing and commissioning of IT solutions. NIT evaluation was completed and 2(two) separate LOAs were placed by NERPC on 23-09-2021. M/s Genus Power Infrastructure Limited has completed survey for the metering part and all metering points are identified. SAMAST project is being targeted to be completed before the end of March 2023 and accordingly, metering lot for pilot projects has reached the sites.

Therefore, it is submitted that only after post metering, MSPCL will be in a position to assess the actual losses as real time data would be available for all major substations and shall be able to identify the loss areas/transmission sections.

Accordingly, MSPCL requests the Hon'ble Commission to consider and allow the transmission loss as claimed for truing up of 2021-22.

3.3. Capital Work in Progress (CWIP) and Capitalization

MSPCL has considered opening balance for CWIP and addition of Capex during the year as per the audited accounts of FY 2021-22. MSPCL submits the details of Capitalization for the FY 2021-22 as **Annexure – I**.

Accordingly, the summary of the approved and actual capital expenditure & capitalization of FY 2021-22 are tabulated below:





Table 7: CWIP and Capitalization of FY 2021-22 (Rs. Cr.)

s.N.	Particulars	Approved vide Tariff Order dated 26th April, 2021	Approved vide Annual Performance Review 23rd March, 2022	Actuals for FY 2021-22	
1	Capital Expenditure	282.29	146.60	131.09	
2	Capitalisation	15.05	581.87	573.70	

Based on above capital expenditure and capitalization, MSPCL has computed closing CWIP as per audited accounts.

Table 8: Capital Work in Progress of FY 2021-22 (Rs. Cr.)

SI. No.	Particulars	Approved vide Tariff Order dated 26th April, 2021	Approved vide Annual Performance Review 23rd March, 2022	Actual for FY 2021-22
1	CWIP Opening Balance	272.46	496,39	711.15
2	Capital Investment	282.29	146.60	131.09
3	Less: Investment Capitalized	15.05	581.87	573.70
4	CWIP Closing Balance	539.70	61.12	268.54

Therefore, it is requested to the Hon'ble Commission to kindly consider the above submission and approve the CWIP and Capitalization as computed above.

3.4. Gross Fixed Assets (GFA) and Depreciation

MSPCL submits that it has considered opening balance for GFA and GFA addition during the year as per the audited accounts.

Regulation 28.1 of the JERC MYT Regulations 2014, provides that the depreciation shall be allowed on the capital cost as admitted by the Commission. Regulation, 28.2(ii) further provides that the depreciation shall be computed annually based on the straight-line method at the rates specified in the Annexure I of the MYT Regulations.

Accordingly, MSPCL has considered the rate of depreciation as per Annexure – I of the JERC MYT Regulations, 2014.





Further, as per the Accounting Standard 12- 'Accounting for Government Grants' read with Accounting Standard -10 'Property, Plant and Equipment" guidelines of Institute of Chartered Accountant of India (ICAI), depreciation should be claimed on net expenditure after excluding assets funded through government grants. In MSPCL, majority of the assets are funded through government grants and therefore, depreciation has not been claimed on the assets funded through government grants in the ARR in line with the practice followed by the Commission in the previous Tariff Orders. The details of computation of depreciation along with depreciation claimed (Non-grant assets) in truing up for the FY 2021-22 are provided in the tables below.

Table 9: Depreciation of FY 2021-22 (Rs. Cr.)

Particular	Opening	FY 20 Addition	021-22 Closing	Average	Depreciation Rate	Depreciation
Land & Land Development	19.72	0.00	19.72	19.72	0.00%	0.00
Plant & Machinery	1373.79	543.86	1917.65	1645.72	5.28%	86.89
Building	179.60	29.84	209.45	194.52	3.34%	6.50
Furniture &Fittings	0.67	0.00	0.67	0.67	6.33%	0.04
Computer	0.52	0.00	0.52	0.5151	15.00%	0.08
Office Equipment	0.08	0.00	0.08	0.0818	6.33%	0.01
Vehicles	3.02	0.00	3.02	3.0155	9.50%	0.29
Total	1577.40	573.70	2151.10	1864.25		93.80
Percentage of assets non-funded through Grants						1.50%
Depreciation claim	ed for true	-up				1.41

Based on above submission, summary of GFA, depreciation claimed and approved figures for the respective years are tabulated below:

Table 10: Gross Fixed Assets of FY 2021-22 (Rs. Cr.)

s. N.	Particulars	Approved vide Tariff Order dated 26th April, 2021	Approved vide Annual Performance Review 23rd March, 2022	Actuals
1	Opening GFA	1565.28	1565.28	1577.40
2	Addition during the year	15.05	15.05	573.70
3	Capitalization of expenses	0.00	0.00	
4	Total GFA at the end	1580.33	1580.33	2151.10
5	Average GFA	1572.81	1863.45	1864.25

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5. N.	Particulars	Approved vide Tariff Order dated 26th April, 2021	Approved vide Annual Performance Review 23rd March, 2022	Actuals
6	Average rate of Depreciation	6.11%	5.16%	5.03%
7	Depreciation	96.11	96.15	93.80
8	Depreciation allowed	1.44	1.44	1.41

Accordingly, MSPCL requests the Hon'ble Commission to consider and allow depreciation as computed above.

3.5. Operation and Maintenance (O&M) Expenses

Regulation 62.5 of the JERC MYT Regulations, 2014 provides that the Operation and Maintenance (O&M) Expenses shall comprise of the following elements:

- Employee Expenses.
- Repair and Maintenance (R&M) Expenses.
- c. Administrative and General (A&G) Expenses.

MSPCL submits that the Annual Accounts of MSPCL for the FY 2021-22 has been audited by C&AG. Therefore, MSPCL has computed Operation and Maintenance Expenses of FY 2021-22 by summarising each of the components as mentioned above.

The following paras shows the detail computation of each component of O&M Expenses based on the Annual accounts for consideration & approval of the Hon'ble Commission.

3.1. Employee Expenses

MSPCL submits that employee expenses comprise costs towards salaries, medical expense reimbursement, other allowances and staff welfare expenses. Details of actual Employee Cost incurred by MSPCL for the FY 2021-22 based on audited accounts and approved figures are as shown in the table below:





Table 11: Employee Expenses of FY 2021-22 (Rs. Cr.)

SI. No.	Employee Expenses	Approved in T.O Dt. 26.04.2021	Approved in APR Dt. 23.03.2022	Actual for FY 2021-22
1	Salaries (Basic)			50.56
2	Medical Expenses Reimbursement			0.19
3	Ex- Gratia	87.71	59.53	0.01
4	Contribution to new pension scheme			4.25
5	Grand Total	87.71	59.53	55.02

Therefore, it is requested to the Hon'ble Commission to consider and allow the Employee Expenses as claimed by MSPCL.

3.2. Repair and Maintenance Expenses

MSPCL submits that Repair & Maintenance Expenses include expenses on repair and maintenance of Plant and Machinery, Transformers, Lines, cable network, etc. It is important for MSPCL to incur the R&M expenses in order to maintain and strengthen the transmission system for quality power supply in the region and achieve system availability as specified in JERC MYT Regulations, 2014. The actual R&M expenses as per audited accounts for FY 2021-22 is tabulated below:

Table 12: Repair and Maintanance Expenses of FY 2021-22 (Rs. Cr.)

SI. No.	Particular	Approved in T.O Dt. 26.04.2021	Approved in APR Dt. 23.03.2022	Actual for FY 2021-22
1	Repair & Maintenance-building			0.00
	Repair & Maintenance-Plant and Machinery	10.56	10.56	2.63
	Repair & Maintenance-Vehicle			0.02
2	Repair & Maintenance-other			4.89
3	Total R&M Expenses	10.56	10.56	7.54

Accordingly, MSPCL Requested to the Hon'ble Commission to consider and approve the Repair and Maintanance Expenses of FY 2021-22 as submitted above.





3.3. Administrative and General Expenses (A&G)

MSPCL submits that A&G Expenses comprise expense towards Conveyance and Travelling, Electricity Charges, Miscellaneous Expenses, Telephone Expenses, Fees and Subscriptions, Legal Charges, and Printing and Stationery. Following table shows Actual A&G expenses claimed by MSPCL for the FY 2021-22 based on audited annual accounts:

Table 13: Administrative & General Expenses (A&G) of FY 2021-22 (Rs. Cr.)

Particular	Approved vide Tariff Order dated 26th April, 2021	Approved vide Annual Performance Review 23rd March, 2022	Actual expense as incurred by MSPCL in FY 2021-22
Auditors Remuneration			0.01
Advertisement			0.18
Electricity Expenses			4.16
Hire charges			0.19
Inaugural Expenses			0.24
Legal & Professional Fess			0.55
Forest Clearance/Legal/Land compensation			0.85
License & Renewals			0.12
Division Misc Expenses			0.39
Meeting & Conference Bill			0.04
Office Expenses			0.10
Membership Fees			0.00
JERC Fees	5.60	4.00	0.08
Interest on GST			0.10
Internet Expenses			0.00
Late Fees			0.00
Bank Charges			0.01
Penalty			0.15
Printing & Stationary			0.07
ROC filling Fees			0.09
Registration Fees			0.00
Telephone Expenses			0.00
Travelling Expenses			0.00
Transformer Oil Expenses			0.47
Video Conferencing Expenses			0.07
Vehicle Running Expenses			0.60

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Particular	Approved vide Tariff Order dated 26th April, 2021	Approved vide Annual Performance Review 23rd March, 2022	Actual expense as incurred by MSPCL in FY 2021-22
Total A&G Expenses	5.60	4.00	8.48

Therefore, MSPCL requests the Hon'ble Commission to consider and approve the A&G Expenses of FY 2021-22 as submitted in the tables above.

3.4. Summary of O&M Expenses

Based on above submission, MSPCL has summarised the actual O&M Expenses of FY 2021-22. The actual expenses as compared to the approved figures for the respective years are provided below:

Table 14: Operation and Maintenance Expenses (O&M) of FY 2021-22 (Rs. Cr.)

s.N.	Particulars	Approved vide Tariff Order dated 26th April, 2021	Approved vide Annual Performance Review 23rd March, 2022	Actual for FY 2021-22
1	Employee Expenses	87.71	59.53	55.02
2	R&M Expenses	10.56	10.56	7.54
3	A&G Expenses	5.60	4.00	8.48
4	Total O&M Expenses	103.87	74.09	71.04

Accordingly, it is requested to the Hon'ble Commission to consider and approve the O&M Expenses for truing up of FY 2021-22 as submitted above.

3.6. Interest and Finance Charges

MSPCL submits that the entire capital expenditure of MSPCL since its inception has been funded by the State Government through grants from Central Government Ministries and Agencies like Ministry of Power (MoP) through schemes of NEC, NLCPR, DONER or through State Plan Scheme. Therefore, the utility does not have any liabilities on account of long-term loans. Hence, there is no interest and finance charge approved by the Hon'ble Commission for the FY 2021-22. Accordingly, MSPCL has also not calimed any Interest and Finance Charges for truing-up of FY 2021-22.





3.7. Return on Equity

Regulation 22 of MYT Regulation, 2014 provides that equity for the purpose of ROI shall be 30% of capital cost or actual equity, which ever is lower. Further, Regulation 26 of MYT Regulation provides that RoE shall be allowed at the rate of 15.5% of Equity as determined under regulation 22.

MSPCL submits that the entire capital expenditure of MSPCL since its inception has been funded by the State Government. Therefore, MSPCL has not claimed any return on normative Equity. However, during the formation of the company the actual equity was Rs. 10.05 Cr. Therefore, MSPCL has computed Return on Equity of FY 2021-22 based on actual Equity base of MSPCL as per audited accounts.

Further, MSPCL has not incurred any tax liability during FY 2021-22. Accordingly, MSPCL has not claimed Income Tax for truing up of FY 2021-22.

Detail computation of RoE claimed for truing up of FY 2021-22 based on audited accounts and approved figures are tabulated below:

Table 15: Return on Equity (RoE) of FY 2021-22 (Rs. Cr.)

Return on Equity	Approved vide Tariff Order dated 26th April, 2021	Approved vide Annual Performance Review 23rd March, 2022	Actuals for FY 2021-22
RoE claimed for Truing up of FY 2021-22	1.56	1.56	1.56

Therefore, MSPCL requests to the Hon'ble Commission to consider and approve the Return on Equity (RoE) based on audited accounts of FY 2021-22 as tabulated above.

3.8. Interest on Working Capital (IoWC)

As per the JERC MYT Regulations 2014, MSPCL is entitled for interest on working capital as per the norms provided. The norms state that the working capital shall cover the following:

b) Maintenance sparesatone (1) percent of the historical cost escalated at 6% from the date of commercial operation; plus

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[&]quot;a) Operation and maintenance expenses for one month; plus



- c) Receivables equivalent to one (1) month of transmission charges calculated on target availability level; minus
- d) Amount, if any, held as security deposits except the security deposits held in the form of Bank Guarantee from Transmission System Users.
- e) Interest shall be allowed at a rate equal to the State Bank Advance Rate (SBAR) as on 1st April of the financial year in which the Petition is filed."

In accordance with the above provision, MSPCL has considered the interest rate based on the Advance Rate of SBI applicable as on 1st April 2022 i.e. 12.30% for computation of normative Interest on Working Capital for the FY 2021-22.

Further, MSPCL submits that the Hon'ble Commission vide Tariff Order dated 26.04.2021 has not allowed any Interest on Working Capital for FY 2021-22. The observation of the Hon'ble Commission is as follows:

"It is observed by the Commission that the licensee is not availing any sort of short-term loan towards working capital needs and the funding for its revenue expense like employee cost, O&M and Office expenses, the Govt of Manipur is providing the subsidy regularly in each year from 2014-15 onwards. Under these circumstances, there was no necessity for MSPCL to go for short-term borrowing or has any fund shortage noted during the past. In view of the foregone, it is felt to be inappropriate to allow the claim for interest on working capital based on the regulatory provision for which they have no amount reflected as spent in their annual accounts. Any such kind of charges shall not be levied on the consumers for having not spent for that purpose. Therefore, interest on working capital will only be allowed on actually having availed any such loans in future and not otherwise.

Hence, the Commission did not allow the interest on working capital for the FY 2021-22 though the MSPCL had made a projection for Rs. 4.27 Crore."

However, MSPCL submits that the Interest on Working Capital is a normative component available to licensees regardless of actual expenditure towards the same as per the regulation 29.2 of MYT Regulations, 2014. As per the above principle, Hon'ble Commission has approved the IoWC for respective years in the MYT order. Therefore, MSPCL has computed IoWC on normative basis for truing up of FY 2021-22.

The detail computation of Interest on normative working capital and approved figures are tabulated below:





Table 16: Interest on Working Capital (IoWC) of FY 2021-22 (Rs. Cr.)

5.N.	Particulars	Approved vide Tariff Order dated 26th April, 2021	Approved vide Annual Performance Review 23rd March, 2022	Actual as Proposed by MSPCL
1	O&M Expenses for one month	0.00	0.00	5.92
2	Maintenance of Spares (1% of GFA)	5.08	3.59	23.18
3	Receivables for 1 month	4.64	2.07	5.00
4	Total working capital	13.01	8.40	34.11
5	Rate of interest	14.75%	14.75%	12.30%
6	Interest on Working Capital	1.92	1.24	4.20

Accordingly, it is requested to the Hon'ble Commission to consider and allow Normative Working Capital Requirement and interest thereon as computed above.

3.9. Non-Tariff Income

The non-tariff income (NTI) for MSPCL is mainly on account of SLDC charges, interest from bank accounts, Contingency Charges, Dividend income and Agency Charges earned for supervision of deposit works. The details of Non-Tariff Income earned by MSPCL for FY 2021-22 based on audited accounts as compared to NTI approved by the Hon'ble Commission are as shown in the below:

Table 17: Non-Tariff Income of FY 2021-22 (Rs. Cr.)

s.n.	Particulars	Approved vide Tariff Order dated 26th April, 2021	Approved vide Annual Performance Review 23rd March, 2022	Actuals for FY 2021-22
1	SLDC Charges	3.70	3.70	3.94
2	Agency Charges	2.50	2.50	4.32
3	Contingency Charges	0.00	0.00	0.01
4	Interest from bank	0.00	0.00	2.47
5	Dividend Income	4.10	4.10	4.76
6	Other Interest	0.30	0.30	0.19
7	Other income	0.00	0.00	2.45
8	Total	10.60	10.60	18.14

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Therefore, MSPCL requests to the Hon'ble Commission to consider and allow the Non-Tariff Income claimed as per audited accounts of FY 2021-22.

3.10. Aggregate Revenue Requirements

Based on above paras, MSPCL submits the summary of Aggregate Revenue Requirement claimed for truing up of FY 2021-22.

Table 18: Aggregate Revenue Requirements of FY 2021-22 (Rs. Cr.)

SI. No	Particulars	Approved vide Tariff Order dated 26th April, 2021	Approved vide Annual Performance Review 23rd March, 2022	Actuals for FY 2021-22	Difference (Actual - ARR)
1	Employee costs	87.71	59.53	55.02	(32.69)
2	Repair & Maintenance expense	10.56	10.56	7.54	(3.02)
3	Adm & Gen. Expenses	5.60	4.00	8.48	2.88
4	Depreciation	1.44	1.44	1.41	(0.03)
5	Interest & Finance Charges				
6	Interest on Working capital	-	-	4.20	4.20
7	Add: Return on Equity / ROE	1.56	1.56	1.56	(0.00)
8	Income Tax	-	-	-	-
9	Total Cost	106.87	77.09	78.20	(28.67)
10	Less: Non-Tariff income	10.60	10.60	18.14	7.54
11	Less: Expenses Capitalized				
12	Aggregate Revenue Requirement	96.27	66.49	60.06	(36.21)

Accordingly, MSPCL requests the Hon'ble Commission to consider and allow the Aggregate Revenue Requirement of FY 2021-22 as computed in the tables above.

3.11. Revenue Gap/(Surplus)

MSPCL submits that it has booked revenue received from MSPDCL as Transmission Charges during the year. Accordingly, MSPCL has computed the

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Revenue Gap/(Surplus) of the FY 2021-22 considering the proposed ARR & revenue for the year.

The detail computation of the Revenue Gap/(Surplus) of MSPCL for the FY 2021-22 is as tabulated below:

Table 19: Revenue Gap/(Surplus) of FY 2021-22 (Rs. Cr.)

Particulars	Approved in Tariff Order dated: 27.02.2015	Revised Approved in APR dated: 29.02.2016	Actuals for FY 2021-22
Net ARR for Transmission	96.27	66.49	60.06
Revenue earned from Transmission Charges/ Revenue Grants Received from Govt.	96.27	66.49	64.20
Revenue Gap/(Surplus)			(4.15)

Accordingly, MSPCL requests the Hon'ble Commission to consider and allow the Revenue Gap/(Surplus) for truing up of FY 2021-22 as computed in the above tables.





Chapter 4: Annual Performance Review of FY 2022-23

4.1 Background

As per JERC (Multi Year Tariff) Regulations, 2014, MSPCL is required to submit the Annual Performance Review (APR) for the current year. Accordingly, MSPCL has prepared the APR of FY 2022-23 based on the provisions of the JERC (Multi Year Tariff) Regulations, 2014.

The Hon"ble Commission had approved the ARR of FY 2022-23 in the Tariff Order dated 23th March, 2022 However, the Hon'ble Commission further revised ARR of FY 2022-23 vide Tariff Order 16th June, 2022 against Review Petition filed by MSPCL.

In view of the availability of actual audited figures of FY 2021-22 and six months of FY 2022-23, MSPCL has proposed revision in ARR for FY 2022-23 considering significant numbers of manpower recruitment planned for FY 2022-23 and actual addition of gross fixed assets during FY 2021-22 which would have a bearing on the various ARR components of MSPCL for FY 2022-23. Detailed explanation for each element and comparison with the amount approved in the Review Tariff Order for FY 2022-23 dated 16th June, 2022 is provided in sections below:

4.2 Transmission System Availibility

As per JERC MYT regulations, 2014, the target transmission availability to recover full Transmission Tariff is 98%. The estimated transmission system availability of MSPCL for FY 2022-23 is also 98%.

4.3 Transmission Loss

MSPCL submits that in absence of meters, MSPCL was not in a position to compute actual Transmission Loss.

Therefore, MSPCL requests the Hon'ble Commission to consider and approve transmission loss at 7.80% as considered for FY 2022-23 vide Review Order of FY 2022-23 dated: 16.06.2022.

Table 20: Transmission Loss of FY 2022-23 (in %)

SI.	Financial Yea	r Transmission Loss (in %)
1	FY 2022-23	7.80%





However, MSPCL would like to submit that the MSPCL is undertaking the metering of the feeders, under the SAMAST Scheme. SAMAST Scheme encompasses installation of 81 No. of Meters at 132 KV, 312 No. of Meters at 33 KV and 447 No. of Meters at 11 KV level and with the implementation of 33 KV system integration with SLDC and reliable communication for grid connectivity. The common NIT for SAMAST implementation in NER states was prepared by SAMAST committee under NERPC under PSDF funding wherein the NIT was floated in two parts viz (i) for supply, installation, testing and commissioning of 0.25 class ABT meters and automated meter reading (AMR) solutions (ii) for supply, installation, testing and commissioning of IT solutions. NIT evaluation was completed and 2(two) separate LOAs were placed by NERPC on 23-09-2021. M/s Genus Power Infrastructure Limited has completed survey for the metering part and all metering points are identified. SAMAST project is being targeted to be completed before the end of March 2023 and accordingly, metering lot for pilot points are also on the way.

Therefore, it is submitted that only after post metering, MSPCL will be in a position to assess the actual losses as real time data would be available for all major substations and shall be able to identify the loss areas/transmission sections.

Accordingly, MSPCL requests the Hon'ble Commission to consider and allow the transmission loss as claimed for review of Performance of FY 2022-23.

4.4 Energy Requirement

MSPCL would like to submit that the Hon'ble Commission has approved energy to handled by MSPCL network for the FY2022-23 as 1123.64 MUs vide Review Order dated 16.06.2022.

MSPCL submits that it does not propose to revise energy figures approved by the Hon'ble Commission. Accordingly, the energy to be Transmitted for MSPDCL during the FY 2022-23 is proposed as 1123.64 MUs.

Table 21: Energy to be Transmitted for MSPDCL during FY 2022-23

Particulars	Approved (MUs)
Energy to be transmitted	1123.64

Accordingly, MSPCL requests the Hon'ble Commission to consider the energy to be transmitted for MSPDCL during the FY 2022-23.

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4.5 Capital Work in Progress (CWIP) and Capitalization

MSPCL has considered the closing balance for CWIP of FY 2021-22 as opening balance of FY 2022-23. Further, MSPCL has projected capital expenditure and capitalization for FY 2022-23 based on the current status of all ongoing and upcoming projects. The following Table shows the approved and revised capital expenditure and capitalization considered in APR of FY 2022-23:

Table 22: Capital Expenditure & Capitalization of FY 2022-23

s.N.	Particulars	Approved vide ARR dated 23rd March, 2022	Proposed Figures for APR of FY 2022-23
1	Opening CWIP	61.12	268.54
2	Capital Expenditure	176.83	152.94
3	Less: Capitalisation	128.78	92.57
4	Closing CWIP	109.17	328.91

Therefore, it is requested to the Hon'ble Commission to consider and allow Capital Expenditure and Capitalization for Annual Performance Review as claimed by MSPCL.

4.6 Gross Fixed Assets and Depreciation

MSPCL has considered the closing balance of FY 2021-22 as the opening balance of GFA for FY 2022-23. addition to the GFA is claimed as computed in the table above. Accordingly, MSPCL has computed closing GFA for APR of FY 2022-23. The detail computation along with approved figures are tabulated below:

Table 23: Gross Fixed Assets claimed for FY 2022-23 (Rs. Cr.)

Particulars	Approved vide ARR dated 23rd March, 2022	Revised Estimate For FY 2022-23
Opening GFA	1565.28	2151.10
Additions during the year	128.78	92.57
O&M Expenses Capitalisation	0.00	0.00
Closing GFA (1+2+3)	1694.06	2243.67

Further, Regulation 28.1 of the JERC MYT Regulations 2014, provides that the depreciation shall be allowed on the capital cost as admitted by the Commission. Regulation, 28.2(ii) further provides that the depreciation shall be computed annually based on the straight-line method at the rates specified in the **Annexure** I of the MYT Regulations. Accordingly, MSPCL has considered the rate of





depreciation as per Annexure – I of the JERC MYT Regulations, 2014. Accordingly, the computation of Depreciation for the FY 2022-23 as tabulated below:

Table 24: Computation of Depreciation of FY 2022-23

	FY 2022-23			Depreciation		
Particular	Opening	Addition	Closing	Average	Rate	Depreciation
Land & Land Development	19.72	0.00	19.72	19.72	0.00%	0.00
Plant & Machinery	1917.65	92.57	2010.22	1963.94	5.28%	103.70
Building	209.45	0.00	209.45	209.45	3.34%	7.00
Furniture &Fittings	0.67	0.00	0.67	0.67	6.33%	0.04
Computer	0.52	0.00	0.52	0.52	15.00%	0.08
Office Equipment	0.08	0.00	0.08	0.08	6.33%	0.01
Vehicles	3.02	0.00	3.02	3.02	9.50%	0.29
Total	2151.10	92.57	2243.67	2197.38		111.10

Further, as per the Accounting Standard 12- 'Accounting for Government Grants' read with Accounting Standard -10 'Property, Plant and Equipment" guidelines of Institute of Chartered Accountant of India (ICAI), depreciation should be claimed on net expenditure after excluding assets funded through government grants. In MSPCL, majority of the assets are funded through government grants and therefore, depreciation has not been claimed on the assets funded through government grants in the ARR in line with the practice followed by the Commission in the previous Tariff Orders. The details of depreciation claimed (Non-grant assets) in performance review of FY 2022-23 are provided in the tables below.

Table 25: Depreciation claimed for APR of FY 2022-23 (Rs. Cr.)

Depreciation	Approved vide Review ARR dated 16th June, 2022	Revised Estimate
Average value of assets	1629.67	2197.38
Rate of Dep.		5.06%
Total Depreciation		111.10
1.5 % of the Depreciation	1.80	1.67





Accordingly, MSPCL requests the Hon'ble Commission to consider and allow the GFA and Depreciation for APR of FY 2022-23 as claimed in the table above.

4.7 Operation and Maintenance (O&M) Expenses

Regulation 62.5 of the JERC MYT Regulations, 2014 provides that the Operation and Maintenance (O&M) Expenses shall comprise of the following elements:

- a. Employee Expenses.
- b. Repair and Maintenance (R&M) Expenses.
- c. Administrative and General (A&G) Expenses.

The following paras shows the detail computation of each component of O&M Expenses based on the actual expenses incurred in first 06 months of FY 2022-23 for consideration & approval of the Hon'ble Commission.

4.7.1. Employee Expenses

MSPCL submits that based on the actual six months of employee cost for FY 2022-23, it has computed the employee expense for the balance period of FY 2022-23. Further, post addition of employees during FY 2022-23, the actual employee cost for MSPCL has increased. It is submitted that any variation in Employee Expenses would be claimed during Truing up of the year.

The details of employees cost and approved figures is given in the table below.

Table 26: Emplyee Expenses of FY 2022-23 (Rs. Cr.)

Particulars	Approved vide Review ARR dated 16th June, 2022	Estimated FY 2022-23
Employee Expense (Rs. Cr.)	81.11	67.71
Average number of employees (numbers)	1747	1599

Accordingly, MSPCL requests the Hon'ble Commission to consider and allow the Employee Expenses of FY 2022-23 as claimed in the table above.

4.7.2. Repair and Maintenance Expenses (R&M)

MSPCL submits that it has estimated the R&M Expenses for the year based on the actual expenses during the past periods & the assets base.





The details of Repair & Maintanance Expenses calimed for APR of FY 2022-23 is tabulated below:

Table 27: Repair and Maintenance Expenses of FY 2022-23 (Rs. Cr.)

S.N.	Particulars	Unit	Approved vide Review ARR dated 16th June, 2022	Estimated FY 2022- 23
1	Proposed R&M Expense	Rs. Cr.	10.56	13.56

Accordingly, MSPCL requests the Commission to consider and approve the above estimated expenses for FY 2022-23, as the same is necessary for proper maintenance and strengthening of the system and quality of supply in the region in order to ensure consumer satisfaction and transmission system availability at 98%.

4.7.3. Administrative and General Expenses (A&G)

MSPCL submits that it has considered actual six months of A&G Expenses to estimate A&G expenses for APR of FY 2022-23. The following table shows the A&G Expenses claimed for annual Performance Review of FY 2022-23.

Table 28: Adimistration and General Expenses of FY 2022-23 (Rs. Cr.)

Particulars	Approved vide Review ARR dated 16th June, 2022	Estimated for FY 2022-23
A&G Cost	4.00	10.29

Therefore, MSPCL requests the Hon'ble Commission to consider and approve A&G Expenses for FY 2022-23 as claimed. Further, MSPCL submits that any variation would be claimed during truing up of the following year.

4.7.4. Summary of O&M Expenses

Based on above submission, MSPCL has summarised the O&M Expenses for the FY 2022-23. The revised estimate of O&M Expenses as compared to the approved figures for the FY 2022-23 are provided below:





Table 29: Operation and Manitenance Expenses of FY 2022-23 (Rs. Cr.)

s.N.	Particulars	Approved vide Review ARR dated 16th June, 2022	Estimated for FY 2022-23
1	Employee Expenses	81.11	67.71
2	R&M Expenses	10.56	13.56
3	A&G Expenses	4.00	10.29
4	Total O&M Expenses	95.67	91.57

Therefore, MSPCL requests the Hon'ble Commission to consider and approve O&M Expenses for FY 2022-23 as claimed.

4.8. Interest & Finance Charges

MSPCL submits that the entire capital expenditure of MSPCL since its inception has been funded by the State Government through grants from Central Government Ministries and Agencies like Ministry of Power (MoP) through schemes of NEC, NLCPR, DONER or through State Plan Scheme. Therefore, the utility does not have any liabilities on account of long-term loans. Hence, there is no interest and finance charge approved by the Hon'ble Commission for the FY 2022-23. Accordingly, MSPCL has also not calimed any Interest and Finance Charges for FY 2022-23.

4.9. Return on Equity

Regulation 22 of MYT Regulation, 2014 provides that equity for the purpose of ROI shall be 30% of capital cost or actual equity, which ever is lower. Further, Regulation 26 of MYT Regulation provides that RoE shall be allowed at the rate of 15.5% of Equity as determined under regulation 22.

MSPCL submits that the entire capital expenditure of MSPCL since its inception has been funded by the State Government. Therefore, MSPCL has not claimed any return on normative Equity. However, during the formation of the company the actual equity was Rs. 10.05 Cr. Therefore, MSPCL has computed Return on Equity of FY 2022-23 based on actual Equity base of MSPCL as per audited accounts.

Further, MSPCL has not claimed Income Tax for FY 2022-23. Tax if any shall be claimed at the time of True-up based on audited figures.

Detail computation of RoE claimed for APR of FY 2022-23 based on actual Equity base and approved figures are tabulated below:





Table 30: Return on Equity (RoE) of FY 2022-23 (Rs. Cr.)

	Approved vide	
Particulars	Review ARR dated 16th June, 2022	Estimated For FY 2022-23
Return on Equity	1.56	1.56

Accordingly, MSPCL requestes the Hon'ble Commission to consider and approve RoE as claimed for APR of FY 2022-23.

4.10. Interest on Working Capital

As per the JERC MYT Regulations 2014, MSPCL is entitled for interest on working capital as per the norms provided. The norms state that the working capital shall cover the following:

- "a) Operation and maintenance expenses for one month; plus
- b) Maintenance sparesatone (1) percent of the historical cost escalated at 6% from the date of commercial operation; plus
- c) Receivables equivalent to one (1) month of transmission charges calculated on target availability level; minus
- d) Amount, if any, held as security deposits except the security deposits held in the form of Bank Guarantee from Transmission System Users.
- e) Interest shall be allowed at a rate equal to the State Bank Advance Rate (SBAR) as on 1st April of the financial year in which the Petition is filed."

In accordance with the above provision, MSPCL has considered the interest rate based on the Advance Rate of SBI applicable as on 1st April 2022 i.e. 12.30% for computation of normative Interest on Working Capital for the FY 2022-23.

Further, MSPCL submits that the Hon'ble Commission vide review order dated 16.06.2022 has not allowed any Interest on Working Capital for FY 2022-23. The observation of the Hon'ble Commission is as follows:

"It is observed by the Commission that the licensee is not availing any sort of short-term loan towards working capital needs and the funding for its revenue expense like employee cost, O&M and Office expenses, the Govt of Manipur is providing the subsidy regularly in each year from 2014-15 onwards. Under these circumstances, there was no necessity for MSPCL to go for short-term borrowing or has any fund shortage noted during the past. In view of the foregone, it is felt to be inappropriate to allow the claim for interest on working capital based on the regulatory provision for which they have no amount reflected as spent





in their annual accounts. Any such kind of charges shall not be levied on the consumers for having not spent for that purpose. Therefore, interest on working capital will only be allowed on actually having availed any such loans in future and not otherwise.

Hence, the Commission did not allow the interest on working capital for the FY 2022-23."

However, MSPCL submits that the Interest on Working Capital is a normative component available to licensees regardless of actual expenditure towards the same as per the regulation 29.2 of MYT Regulations, 2014. As per the above principle, Hon'ble Commission has approved the IoWC for respective years in the MYT order. Therefore, MSPCL has computed IoWC on normative basis for APR of FY 2022-23.

The detail computation of Interest on normative working capital and approved figures are tabulated below:

Table 31: Interest on Working Capital of FY 2022-23 (Rs. Cr.)

s.N.	Particulars	Approved vide Review ARR dated 16th June, 2022	FY 2022-23 Estimated
1	O&M expenses		7.63
2	Maintenance of Spares (1%)		27.90
3	Receivables	0.00	7.07
4	Working Capital Requirement		42.60
5	Rate of interest		12.30%
6	Interest on Working Capital	0.00	5.24

Accordingly, it is requested to the Hon'ble Commission to consider and allow Normative Working Capital Requirement and interest thereon as computed above.

4.11. Non-Tariff Income

The non-tariff income (NTI) for MSPCL is mainly on account of SLDC charges, interest from bank accounts, Contigency Charges, Dividend income and Agency Charges earned for supervision of deposit works.

The details of Non-Tariff Income claimed for APR of FY 2022-23 as compared to NTI approved by the Hon'ble Commission are as shown in the below:





Table 32: Non-Tariff Income of FY 2022-23 (Rs. Cr.)

	Approved vide	
Particulars	Review ARR dated	Revised Estimate
	16th June, 2022	
Non-Tariff Income	5.17	15.20

Therefore, it is requested to the Hon'ble Commission to consider and approve Non-Tariff Income for the FY 2022-23 as claimed. However, MSPCL further submits that any variation in Non-Tariff Income would be claimed under truing up.

4.12. Aggregate Revenue Requirements

Based on above paras, MSPCL submits the summary of Aggregate Revenue Requirement claimed for APR of FY 2022-23.

Table 33: Aggregate Revenue Requirements of FY 2022-23 (Rs. Cr.)

Sr. No.	Particulars	Approved vide Review ARR dated 16th June, 2022	Revised Estimate
1	Employee Expense	81,11	67.71
2	R&M Expense	10.56	13.56
3	A&G Expense	4.00	10.29
4	Depreciation	1.80	1.67
5	Interest on Loans	0.00	0.00
6	Interest on working capital	0.00	5.24
7	Add: Return on Equity / ROE	1.56	1.56
9	Total Cost	99.03	100.03
10	Less: Non-Tariff income	5.17	15.20
11	Less: Expenses Capitalized	0.00	0.00
12	Aggregate Revenue Requirement	93.86	84.83

Accordingly, MSPCL requests the Hon'ble Commission to consider and allow the Aggregate Revenue Requirement of FY 2022-23 as computed in the table above.

4.13. Revenue Gap/(Surplus)

MSPCL submits that it has computed Revenue Gap/(Surplus) of FY 2022-23 based on revised ARR of FY 2022-23 and Revenue approved by the Hon'ble Commission vide Review Tariff Order of FY 2022-23.





The detail computation of the Revenue Gap/(Surplus) of MSPCL for the FY 2022-23 is as tabulated below:

Table 34: Revenue Gap/(Surplus) of FY 2022-23 (Rs. Cr.)

SI. No	Particulars	Approved vide Review ARR dated 16th June, 2022	Actuals for FY 2021-22
1	Net ARR for Transmission	93.86	84.83
2	Revenue earned from Transmission Charges/ Revenue Grants Received from Govt.	93.86	93.86
3	Revenue Gap/(Surplus)		(9.03)

Accordingly, MSPCL requests the Hon'ble Commission to consider and approve the Revenue Surplus in Annaul Performance Review of FY 2022-23 as shown in the table above. However, MSPCL is not proposing any Gap/(Surplus) to be passed through in the Tariff for FY 2023-24. It may be considered during Truing up of the year.





5. Clapter: 5: Aggregate Revenue Requirement for the Control Period of FY 2023-24 to FY 2027-28

After the Second Control Period i.e. FY 2017-18 to FY 2022-23, the Petitioner is required to submit ARR for the Third Control Period of FY 2023-24 to FY 2027-28. Accordingly, MSPCL is submitting its Multi YearTariff (MYT) Petition for the determination of ARR for each year of the Third Control Period i.e. FY 2023-24 to FY 2027-28 along with proposed transmission tariff for FY 2023-24 broadly on the basis of the principles outlined in JERC (Multi Year Tariff) Regulations, 2014. MSPCL has considered the past trends and taken cognizance of other internal and external developments to estimate the likely performance for each year of the Third Control Period. The following sections explain in detail the basis and forecasts of the various elements/determinants ARR for each year from FY 2023-24 to FY 2027-28:

5.1 Contracted Capacity

Manipur has allocations from Central Sector Generating Stations of NHPC, NEEPCO (Hydro), NEEPCO(Gas), Tripura Baramura gas-based Power Plant, OTPC Pallatana unit 1&2 (Gas) and NTPC Bongaigaon plant. The own generation of Manipur is very less, therefore it relies mainly on the allocation of power from Central Generating Stations like NHPC, NEEPCO, OTPC Pallatana Unit I and Tripura based Baramura power plant to meet its energy requirement. The details of capacity contracted from various generation sources is summarized in the table below:

Table 35: Contracted Capacity for the Control Period of FY 2023-24 to FY 2027-28 (in MW)

SI. No.	Financial Year	Contracted Capacity (in MW)
1	FY 2021-22	258
2	FY 2022-23	283
3	FY 2023-24	312
4	FY 2024-25	343
5	FY 2025-26	378
6	FY 2026-27	415
7	FY 2027-28	457

5.2 Capital Work in Progress (CWIP) and Capitalization

MSPCL has considered the closing balance for CWIP of FY 2022-23 as opening balance of FY 2023-24. Further, MSPCL has projected capital expenditure and

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capitalization for the Control Period of FY 2023-24 to FY 2027-28 based on the current status of all ongoing and upcoming projects.

The following Table shows the detail computation of projected capital expenditure and capitalization considered for Third Control Period of FY 2023-24 to FY 2027-28:

Table 36: Capital Work in Progress and Capitalization for the Control Period of FY 2023-24 to FY 2027-28 (Rs. Cr.)

Particulars	FY 2023-24 (Projection)	FY 2024-25 (Projection)	FY 2025-26 (Projection)	FY 2026-27 (Projection)	FY 2027-28 (Projection)
Opening CWIP	328.91	125.53	248.09	175.44	234.53
Capital Expenditure	163.79	175.96	179.16	164.26	147.51
Capitalization during the Year	367.17	53.40	251.81	105.17	346.86
Closing CWIP	125.53	248.09	175.44	234.53	35.18

Therefore, it is requested to the Hon'ble Commission to consider and allow projection of Capital Expenditure and Capitalization for the Control Period of FY 2023-24 to FY 2027-28 as computed in the table above.

5.3 Gross Fixed Assets and Depreciation

MSPCL has considered the closing balance of FY 2022-23 as the opening balance of GFA for FY 2023-24 & addition to GFA is claimed as computed in the table above. Accordingly, MSPCL has computed closing GFA for each of the year of the Control Period of FY 2023-24 to FY 2027-28. The details computation along with approved figures are tabulated below:

Table 37: Gross Fixed Assets of FY 2023-24 (Rs. Cr.)

., Particular	posed For FY 2023		
是"AR"的"AR"的"AR"的"AR"的"AR"的"AR"的"AR"的"AR"的	Opening	Addition	Closing
Land & Land Development	19.72	0.00	19.72
Plant & Machinery	2010.22	367.17	2377.40
Building	209.45	0.00	209.45
Furniture &Fittings	0.67	0.00	0.67
Computer	0.52	0.00	0.52

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Particular	Pro	posed For FY 2023	-24
是一种的影響。	Opening	Addition	Closing
Office Equipment	0.08	0.00	0.08
Vehicles	3.02	0.00	3.02
Total	2,243.67	367.17	2,610.85

Table 38: Gross Fixed Assets of FY 2024-25 (Rs. Cr.)

Particular	Pro	posed For FY 2024	-25
	Opening	Addition	Closing
Land & Land Development	19.72	0.00	19.72
Plant & Machinery	2377.40	53.40	2430.80
Building	209.45	0.00	209.45
Furniture &Fittings	0.67	0.00	0.67
Computer	0.52	0.00	0.52
Office Equipment	0.08	0.00	0.08
Vehicles	3.02	0.00	3.02
Total	2,610.85	53.40	2,664.25

Table 39: Gross Fixed Assets of FY 2025-26 (Rs. Cr.)

	Proposed For FY 2025-26				
Particular	Opening	Addition	Closing		
Land & Land Development	19.72	0.00	19.72		
Plant & Machinery	2430.80	251.81	2682.61		
Building	209.45	0.00	209.45		
Furniture &Fittings	0.67	0.00	0.67		
Computer	0.52	0.00	0.52		
Office Equipment	0.08	0.00	0.08		
Vehicles	3.02	0.00	3.02		
Total	2,664.25	251.81	2,916.06		

Table 40: Gross Fixed Assets of FY 2026-27 (Rs. Cr.)

Particular	. Pro	posed Far FY 2026	-27
	Opening	Addition	Closing
Land & Land Development	19.72	0.00	19.72
Plant & Machinery	2682.61	105.17	2787.78
Building	209.45	0.00	209.45
Furniture &Fittings	0.67	0.00	0.67
Computer	0.52	0.00	0.52
Office Equipment	0.08	0.00	0.08

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Particular	Pro	posed For FY 2026	-27
	Opening	Addition	Closing
Vehicles .	3.02	0.00	3.02
Total	2,916.06	105.17	3,021.23

Table 41: Gross Fixed Assets of FY 2027-28 (Rs. Cr.)

Particular	Pro	posed For FY 2027	-28
	Opening	Addition	Closing
Land & Land Development	19.72	0.00	19.72
Plant & Machinery	2787.78	346.86	3134.64
Building	209.45	0.00	209.45
Furniture &Fittings	0.67	0.00	0.67
Computer	0.52	0.00	0.52
Office Equipment	0.08	0.00	0.08
Vehicles	3.02	0.00	3.02
Total	3,021.23	346.86	3,368.09

Accordingly, MSPCL requests the Hon'ble Commission to consider and approve the Gross Fixed assets as computed for the Control period of FY 2023-24 to FY 2027-28.

Further, Regulation 28.1 of the JERC MYT Regulations 2014, provides that the depreciation shall be allowed on the capital cost as admitted by the Commission. Regulation, 28.2(ii) further provides that the depreciation shall be computed annually based on the straight-line method at the rates specified in the **Annexure I** of the MYT Regulations. Accordingly, MSPCL has considered the rate of depreciation as per Annexure – I of the JERC MYT Regulations, 2014. Accordingly, MSPCL has computed depreciation for the Control Period of FY 2023-24 to FY 2027-28.

Further, as per the Accounting Standard 12- 'Accounting for Government Grants' read with Accounting Standard -10 'Property, Plant and Equipment" guidelines of Institute of Chartered Accountant of India (ICAI), depreciation should be claimed on net expenditure after excluding assets funded through government grants. In MSPCL, majority of the assets are funded through government grants and therefore, depreciation has not been claimed on the assets funded through government grants in the ARR in line with the practice followed by the Commission in the previous Tariff Orders. The details of Gross Depreciation and Depreciation claimed (Non-grant assets) for the Control Period of FY 2023-24 to FY 2027-28 are provided in the tables below:

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Table 42: Depreciation for the Control Period of FY 2023-24 to FY 2027-28 (Rs.

Cr.)

Particulars	FY 2023-24 (Projection	FY 2024-25 (Projection	FY 2025-26 (Projection	FY 2026-27 (Projection	FY 2027-28 (Projection
Average GFA	2427.26	2637.55	2790.15	2968.64	3194.66
Weighted Average Rate of Depreciatio n	5.08%	5.09%	5.10%	5.11%	5,13%
Total Depreciatio n	123.24	134.34	142.40	151.83	163.76
Percentage of assets not funded through grants	1.50%	1.50%	1.50%	1.50%	1.50%
Depreciatio n to be considered	1.85	2.02	2.14	2.28	2.46

Therefore, it is requested to the Hon'ble Commission to consider and approve the depreciation for the Control Period of FY 2023-24 to FY 2027-28 as claimed.

5.4 Operation and Maintenance Expenses

Regulation 62.5 of the JERC MYT Regulations, 2014 provides that the Operation and Maintenance (O&M) Expenses shall comprise of the following elements:

- a. Employee Expenses.
- b. Repair and Maintenance (R&M) Expenses.
- c. Administrative and General (A&G) Expenses.

The following paras shows the detail computation of each component of O&M Expenses for consideration & approval of the Hon'ble Commission.

5.4.1. Employee Expenses

MSPCL submits that 285 no. of Employees are going to be recruited by FY 2022-23 and accordingly, it has also considered the employee cost of the New

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Employees for projection of Employee Expenses for the Control Period of FY 2023-24 to FY 2027-28.

Table 43: Employee Expenses for the Control Period of FY 2023-24 to FY 2027-28 (Rs. Cr.)

Particulars	FY 2023-24 (Projection)	FY 2024-25 (Projection)	FY 2025-26 (Projection)	FY 2026-27 (Projection)	FY 2027-28 (Projection)
Employee Expense (Rs. Cr.)	89.00	97.55	107.85	117.60	129.18
Average number of employees (numbers)	1752	1733	1711	1690	1674

Accordingly, MSPCL Requested to the Hon'ble Commission to consider and approve the Employee Expenses for the Control Period of FY 2023-24 to FY 2027-28 as Computed.

5.4.2. Repair and Maintenance Expenses (R&M)

MSPCL submits that it has estimated the R&M Expenses based on the actual expenses for the past periods & the assets base of respective years of the control peiod.

The details of Repair & Maintanance Expenses calimed for the Control Period of FY 2023-24 to FY 2027-28 is tabulated below:

Table 44: Repair and Maintenance Expenses for the Control Period of FY 2023-24 to FY 2027-28 (Rs. Cr.)

					FY 2027-28 (Projection)
R&M Expenses	13.56	13.56	13.56	13.56	13.56

Accordingly, MSPCL requests the Commission to consider and approve the above estimated expenses for the Control Period of FY 2023-24 to FY 2027-28, as the same is necessary for proper maintenance and strengthening of the system and quality of supply in the region in order to ensure consumer satisfaction and transmission system availability at 98%.

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5.4.3. Administration and General Expenses (A&G)

MSPCL has projected Adimintration and General Expenses for the Control Period of FY 2023-24 to FY 2027-28 based on actual expenses of FY 2021-22 and estimated increase in the expenses based on the past trend.

Table 45: Adminitrative and General Expenses for the Control period of FY 2023-24 to FY 2027-28 (Rs. Cr.)

A&G Cost				FY 2026-27 (Projection)	
Total					
A&G	10.44	10.59	10.74	10.74	10.90
Expenses					

Therefore, MSPCL requests the Hon'ble Commission to consider and approve A&G Expenses for the Control Period of FY 2023-24 to FY 2027-28 as claimed.

5.4.4. Summary of O&M Expenses

Based on above submission, MSPCL has summarised the O&M Expenses for the Control Period of FY 2023-24 to FY 2027-28. The summary of O&M expenses is provided below:

Table 46: Operation and Maintenance Expenses for the Control Period of FY 2023-24 to FY 2027-28 (Rs. Cr.)

Particulars	FY 2023-24 (Projection)	FY 2024-25 (Projection)	FY 2025-26 (Projection)	FY 2026-27 (Projection)	FY 2027-28 (Projection)
Employee Expense (Rs. Crore)	89.00	97.55	107.85	117.60	129.18
R & M Expenses (Rs. Crore)	13.56	13.56	13.56	13.56	13.56
A&G Expenses (Rs. Crore)	10.44	10.59	10.74	10.74	10.90
Total O&M Expenses (Rs. Crore)	113.00	121.70	132.15	141.90	153.64

Therefore, MSPCL requests the Hon'ble Commission to consider and approve O&M Expenses for the Control period of FY 2023-24 to FY 2027-28 as claimed.

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5.5 Interest and Finance Charegs

MSPCL submits that the entire capital expenditure of MSPCL since its inception has been funded by the State Government through grants from Central Government Ministries and Agencies like Ministry of Power (MoP) through schemes of NEC, NLCPR, DONER or through State Plan Scheme. Therefore, the utility does not have any liabilities on account of long-term loans and accordingly, MSPCL has also not calimed any Interest and Finance Charges for the Control period of FY 2023-24 to FY 2027-28.

5.6 Return on Equity

Regulation 22 of MYT Regulation, 2014 provides that equity for the purpose of ROI shall be 30% of capital cost or actual equity, which ever is lower. Further, Regulation 26 of MYT Regulation provides that RoE shall be allowed at the rate of 15.5% of Equity as determined under regulation 22.

MSPCL submits that the entire capital expenditure of MSPCL since its inception has been funded by the State Government. Therefore, MSPCL has not claimed any return on normative Equity. However, during the formation of the company the actual equity was Rs. 10.05 Cr. Therefore, MSPCL has computed Return on Equity for the third control period of FY 2023-24 to FY 2027-28 based on actual Equity base of MSPCL.

MSPCL has also not proposed any Income Tax for the control period of FY 2023-24 to FY 2027-28. MSPCL submits that any revision in Equity base or tax liability would be claimed during truing up of the respective years.

Detail computation of RoE claimed for for the Control period of FY 2023-24 to FY 2027-28 based on actual Equity base are tabulated below:

Table 47: Return on Equity for the Control Period of FY 2023-24 to FY 2027-28 (Rs. Cr.)

Particulars	FY 2023-24 (Projection)	FY 2024-25 (Projection)	FY 2025-26 (Projection)	FY 2026-27 (Projection)	FY 2027-28 (Projection)
Opening Equity	10.05	10.05	10.05	10.05	10.05
Closing Equity	10.05	10.05	10.05	10.05	10.05
Average Equity	10.05	10.05	10.05	10.05	10.05
Rate of	15.50%	15.50%	15.50%	15.50%	15.50%

2



Particulars	FY 2023-24 (Projection)	FY 2024-25 (Projection)	FY 2025-26 (Projection)	FY 2026-27 (Projection)	FY 2027-28 (Projection)
Return on Equity		Madmedia da Amerika da		0	
MAT Rate	0.00%	0.00%	0.00%	0.00%	0.00%
Total Return on Equity	1.56	1.56	1.56	1.56	1.56

Accordingly, MSPCL requestes the Hon'ble Commission to consider and approve RoE as claimed for the control period of FY 2023-24 to FY 2027-28.

5.7 Interest on Working Capital

As per the JERC MYT Regulations 2014, MSPCL is entitled for interest on working capital as per the norms provided. The norms state that the working capital shall cover the following:

- "a) Operation and maintenance expenses for one month; plus
- b) Maintenance sparesatone (1) percent of the historical cost escalated at 6% from the date of commercial operation; plus
- c) Receivables equivalent to one (1) month of transmission charges calculated on target availability level; minus
- d) Amount, if any, held as security deposits except the security deposits held in the form of Bank Guarantee from Transmission System Users.
- e) Interest shall be allowed at a rate equal to the State Bank Advance Rate (SBAR) as on 1st April of the financial year in which the Petition is filed."

In accordance with the above provision, MSPCL has considered the interest rate based on the Advance Rate of SBI applicable as on 1st April 2022 i.e. 12.30% for computation of normative Interest on Working Capital for the control period of FY 2023-24 to FY 2027-28.

Further, MSPCL submits that the Hon'ble Commission in its previous Tariff Orders had disallowed Interest on Working Capital with the observation that the MSPCL has not taken any actual loan for working capital/ short term borrowings.

However, MSPCL submits that the Interest on Working Capital is a normative component available to licensees regardless of actual expenditure towards the same as per the regulation 29.2 of MYT Regulations, 2014. As per the above





principle, Hon'ble Commission had approved the IoWC for respective years in the MYT order of the previous control period. Inview of the above, MSPCL has computed IoWC on normative basis for the control period of FY 2023-24 to FY 2027-28.

The detail computation of Interest on normative working capital for the control period are tabulated below:

Table 48: Interest on Working Capital for the control period of FY 2023-24 to FY 2027-28 (Rs. Cr.)

Particulars	FY 2023-24 (Projection)	FY 2024-25 (Projection)	FY 2025-26 (Projection)	FY 2026-27 (Projection)	FY 2027-28 (Projection)
O&M expenses	9.42	10.14	11.01	11.83	12.80
Maintenance of Spares (1%)	31.88	35.89	39.57	43.73	48.62
Receivables	8.95	9.74	10.68	11.57	12.63
Working Capital Requirement	50.24	55.78	61.27	67.12	74.05
Rate of interest*	12.30%	12.30%	12.30%	12.30%	12.30%
Interest on Working Capital	6.18	6.86	7.54	8.26	9.11

Accordingly, it is requested to the Hon'ble Commission to consider and allow Normative Working Capital Requirement and interest thereon for the third control period as computed above.

5.8 Non-Tariff Income

The non-tariff income (NTI) for MSPCL is mainly on account of SLDC charges, interest from bank accounts, Contigency Charges, Dividend income and Agency Charges earned for supervision of deposit works.

The details of Non-Tariff Income claimed for the control period of FY 2023-24 to FY 2027-28 are as shown in the below:





Table 49: Non-Tariff Income for the Control Period of FY 2023-24 to FY 2027-28 (Rs. Cr.)

Particulars			FY 2025-26 (Projection)		FY 2027-28 (Projection)
Non-					
Tariff	15.20	15.20	15.20	15.20	15.20
Income					

Therefore, it is requested to the Hon'ble Commission to consider and approve Non-Tariff Income for the control Period of FY 2023-24 to FY 2027-28 as claimed. However, MSPCL further submits that any variation in Non-Tariff Income would be claimed during truing up of the respective years.





5.9 Aggregate Revenue Requirements

Based on above paras, MSPCL submits the summary of Aggregate Revenue Requirement claimed for the control period of FY 2023-24 to FY 2027-28.

Table 50: Aggregate revenue Requirements for the Control Period of FY 2023-24 to FY 2027-28 (Rs. Cr.)

Particulars	FY 2023-24 (Projection)	FY 2024-25 (Projection)	FY 2025-26 (Projection)	FY 2026-27 (Projection)	FY 2027-28 (Projection)
Employee Expense	89.00	97.55	107.85	117.60	129.18
R &M Expense	13.56	13.56	13.56	13.56	13.56
A&G Expense	10.44	10.59	10.74	10.74	10.90
Depreciation	1.85	2.02	2.14	2.28	2.46
Interest on Loans	0.00	0.00	0.00	0.00	0.00
Return on Equity	1.56	1.56	1.56	1.56	1.56
Interest on working capital	6.18	6.86	7.54	8.26	9.11
IncomeTax	0.00	0.00	0.00	0.00	0.00
Total Cost	122.59	132.13	143.38	153.99	166.76
Less: Non- Tariff Income	15.20	15.20	15.20	15.20	15.20
Net ARR	107.39	116.93	128.18	138.79	151.56

Accordingly, MSPCL requests the Hon'ble Commission to consider and allow the Aggregate Revenue Requirement for the third control period of FY 2023-24 to FY 2027-28 as computed in the table above.





6. Chapter 6: Annual Transmission Charges of FY 2023-24

6.1 Target Availibility

As per JERC MYT regulations' 2014, the target availability approved for for MSPCL during the previous control period was 98% and the transmission ARR was recoverable on pro-rata basis if actual availability was below 98%. We request the Hon'ble Commission to continue the same for control period of FY 2023-24 to FY 2027-28.

6.2 Recovery of Transmission ARR and Transmission Tariff Proposal for FY 2022-23

MSPCL proposes to recover the total ARR as fixed monthly charges from all long term users of the transmission system based on the share of average contracted transmission capacity in the total transmission capacity. Also, in case the target availability is below normative availability of 98%, the transmission ARR is proposed to be recovered on pro-rata basis.

Currently, MSPCL has only one long term transmission customer which is the distribution licensee i.e. MSPDCL. As such, MSPCL proposes to recover the entire transmission ARR as fixed monthly charges from MSPDCL. The proposed tariff is provided in the table below.

Table 51: Transmission Tariff for FY 2023-24

N.	Particulars	Amount
1	Transmission ARR to be recovered (if availability is equal or more than the normative availability) Rs. In Crore	107.39
2	Transmission Tariff for MSPDCL as Rs. Lakhs/month in FY 2023-24	894.88
3	Average Contracted Transmission Capacity for MSPDCL in FY 2023-24 (in MW)	312
4	Transmission Tariff per MW of contracted capacity for long term transmission users per Month (Rs. Lakhs)	2.87
5	Transmission Tariff Rs. /MW/Day	9430
6	Energy Proposed to be Transmitted (MUs)	1647.48
7	Transmission Tariff Rs./Unit	0.65





Accordingly, MSPCL requests the Hon'ble Commission to consider and allow Transmission Tariff of FY 2023-24 as computed above.

6.3 Rebate:

As per JERC (Multi Year Tariff) Regulations, 2014, for payment of bills of transmission charges through letter of credit on presentation, a rebate of 2% shall be allowed. Where payments are made subsequently, through opening of letter of credit or otherwise, but within a period of one month of presentation of bills by the transmission licensee, a rebate of 1% shall be allowed.

6.4 Late payment surcharge:

As per JERC (Multi Year Tariff) Regulations, 2014, in case the payment of bills of transmission charges by beneficiary (ies) is delayed beyond a period of one month from the date of billing, late payment surcharge at the rate of 1.25% per month shall be levied.

6.5 Incentive:

As per regulation 66 of JERC for M&M (MYT) Regulations 2014 the transmission licensee shall be entitled to incentive for increase in annual availability beyond the target availability prescribed under Regulation 61, in accordance with the following formula and shall be shared by the long term and short term and mediumterm customers in the ratio of their average allotted transmission capacity

Incentive=<u>ATC X achieved - target availability</u>
Target availability

Where,

ATC = Annual Transmission charges determined by the Commission for the transmission system of the transmission Licensee for the Concerned year.





7. Chapter 7: Prayers

The petitioner respectfully prays that Hon'ble Commission may:

- h. Admit this Petition;
- Examine the proposal submitted by the Petitioner in the enclosed Petition for a favourable dispensation;
- j. Pass suitable Orders with respect to the Truing up of FY 2021-22 based on Audited accounts and Annual Performance Review of FY 2022-23 and MYT Tariff Petition for the Control Period of FY 2023-24 to FY 2027-28 and Transmission Tariff of FY 2023-24 based on the applicable provisions under JERC MYT Regulations, 2014.
- Approve Transmission Tariff of MSPCL for the FY 2023-24 as computed by MSPCL.
- Permit to propose suitable changes to the petition prior to the final approval by the Hon'ble Commission;
- m. Condone any inadvertent omission/errors/short comings and permit the petitioner to add/change/modify/alter this filing and make further submissions as may be required at a future date;
- n. Pass such Order as the Hon'ble Commission may deem fit and appropriate keeping in view the facts and circumstances of the case.





8. Chapter: 8: Compliance of Directives

Directive 6:

Annual investment plan shall be submitted to the Commission and necessary approval of Commission shall be obtained for all major capital works costing Rs. 5 Crore or more, before execution of the works.

Compliance Status:

It is submitted that there is no investment plan scheme for FY 2023-24, the ongoing projects/works are the continuation of the works taken up during the FY 2021-22. In future, separate proposals for all new major capital works costing Rs. 5 crore and above shall be submitted to the Commission for approval before the execution of the works.

Directive 9:

Improvement of 33 kV system.

As verified from capital investment plan, huge amount is contemplated for improvement of 33 kV systems. The MSPCL is directed to plan for completion of all works well within the targeted dates. Quarterly report on progress achievement may be submitted.

Compliance Status:

MSPCL is putting all effort to complete all the works within the targeted dates. Report on progress/achievement of the works for improvement of 33kV system is submitted as follows.

Projects Completed in the year 2021-22

Sl. No.	Name of the projects
1	Installation of 2x5 MVA, 33/11 kV sub-station along with associated 33 kV line & related civil works at Ibudhou Marjing under State Plan.
2	Installation of 1x3.15 MVA 33 kV sub-station at along with associated 33 kV line and related works at Wangjing under IPDS





Sl. No.	Name of the projects
3	Installation of 1x3.15 MVA 33 kV sub-station at along with associated 33 kV line and related works at Heirok under IPDS

Ongoing Projects

Sl. No.	Name of the projects	Status
1	Construction of 2x5 MVA,33/11 kV Substation at LDS along with associated 33kV line	Sub-Station completed but associated 33KV line from Noney could not be completed due to severe Right of Way issue.
2	Construction of 2x2.5 MVA,33/11 kV Substation at Paoyi along with associated 33kV line	Sub - Station - 60% Completed Line - 80% Complete
3	Construction of 2x2.5 MVA,33/11 kV Substation at Thuyeng along with associated 33kV line	Sub-Station - 50% Complete Line - 55% Completed
4	Construction of 2x5MVA,33/11 kV Substation at Joujangtek along with associated 33kV line	Sub-Station - 30% Complete Line - 40% Completed
5	Construction of 2x5 MVA,33/11 kV Substation at Oinam along with associated 33kV line	Sub-Station - 8 % Complete Line - 40% Completed





Sl. No.	Name of the	he projects
6	Construction of 2x5 MVA,33/11 kV Substation at Gwakhal along with associated 33kV line	Sub-Station - 10% Completed Line - 10% Completed
7	Construction of 2x5 MVA,33/11 kV Substation at Nampisha along with associated 33kV line	Sub-Station - In site selection process Line - 10% Completed
8	Construction of 2x5 MVA,33/11 kV Substation at Chingai along with associated 33kV line	Sub-Station - In site selection process Line - 45% Completed
9	Construction of 2x5 MVA,33/11 kV Substation at Somdal along with associated 33kV line	Sub-Station - In site selection process Line - 45% Completed
10	Construction of 2x5 MVA,33/11 kV Substation at Akampat along with associated 33kV line	Sub-Station - 50% Completed
11	Construction of 2x5 MVA,33/11 kV Substation at Liyaikhunou along with associated 33kV line	Sub-Station - 11% Completed Line - 50% Completed
12	Construction of 2x5 MVA,33/11 kV Substation at Kachai along with associated 33kV line	Sub-Station - 5% Completed, In land development process Line - 45% Completed





Sl. No.	Name of t	the projects
13	Construction of 2x5 MVA,33/11 kV Substation at Sanakeithel along with associated 33kV line	Sub-Station - 5% Completed, In land development process Line - 45% Completed
14	Construction of 2x5 MVA,33/11 kV Substation at Nambashi along with associated 33kV line	Sub-Station - 5% Completed, In land development process
15	Construction of 2x5 MVA,33/11 kV Substation at Khongjaron along with associated 33kV line	Sub-Station - 10% Completed Line - 10% Completed
16	Construction of 132kV Link Transmission Line for evacuation of Power from 400/132 kV Sub-Station at Thoubal to 132kV Sub- Station at Moreh.	Delayed due to RoW issue
17	Construction of 132kV Single Circuit line (2nd Circuit) on Double circuit towers from Leimatak Power House (NHPC) to 132 kV Sub-Station at Ningthoukhong	Delayed due to RoW issue in 5 spans

DIRECTIVES OF FY 2018-19





Directive 16

MSPCL is directed to complete installation and energisation of meters at all points at various voltage level to know the actual energy loss in

- Transmission at 132 kV system
- ii) Sub-Transmission at 33 kV system

MSPCL should provide with energy meters invariably without any further delay to all 11 kV outgoing feeders being the inter-company boundary and the energy injection point to MSPDCL system, for proper energy audit and accounting in order to segregate the transmission and distribution losses in Manipur power supply system.

Monthly joint meter readings should be conducted by MSPCL and MSPDCL.

Compliance Status:

It is submitted that MSPCL is making all efforts to provide energy meter under SAMAST scheme. The common NIT for SAMAST implementation in NER states was prepared by SAMAST committee under NERPC under PSDF funding wherein the NIT was floated in two parts viz. (i) for supply, installation, testing and commissioning 0.2S class ABT meters and automated meter reading (AMR) solutions, (ii) for supply, installation, testing and commissioning of IT solutions. NIT evaluation has been completed and 2(two) separate LOAs were placed by NERPC on 23-09-2021. M/s Genus Power Infrastructure Limited has completed survey for the metering part and all metering points are identified. Metering lot for pilot project has reached the sites. SAMAST project is being targeted to be completed before the end of March 2023. After implementation of SAMAST, MSPCL will be in a position to access the actual losses as real time data would be available for major substations. List of substations along with meters to be installed are attached herewith as Annexure I, II & III.

Directive 17

MSPCL is directed to submit the details of meter installation status of all feeders at all voltage levels in all sub-stations along with a single line diagram within 2 (two) months for proper monitoring.

Compliance Status:

May be clubbed with Directive 16.





Directives for FY 2019-20

Directive 18: Installation of Meters at 132kV and 33kV voltage levels

The MSPCL is directed to complete the installation of all metering at the inter-company boundary point (i.e., 132kV and 33kV voltage levels) on or before August 2019 and report compliance to the Commission by the end of August 2019 positively.

MSPCL shall have to record the actual losses being incurred at 132kV and 33kV level separately and submit the detailed report in the next ARR tariff petition.

Compliance Status:

May be clubbed with Directive 16.

Directive 19: Completion of full metering of pending 11kV feeder in all 33/11kV SS

MSPCL should achieve full/complete metering of 11kV feeder in all 33/11kV sub-stations by steps to install meters in the remaining feeders where meters are not yet installed in the following time-bound manner and report the compliance to the Commission soon on completion by end of December 2019.

- a) 11kV incoming feeder meters to the 11kV bus by June 2019 and
- b) Outgoing 11kV feeders by December 2019.

The above directive is made with an object to accomplish to account for the quantum of power injected into the MSPDCL periphery by MSPCL which is not being done at present easily.

Compliance Status:

Directive 17,18 and 19 may be clubbed together with Directive 16 as they relate to installation and energisation of meters at all voltage levels, to record the actual losses.

However actual loss derivation is not possible at present due to lack of complete and precise metering. After full implementation of SAMAST scheme losses at various voltage levels may be ascertained and furnished.





Directive 20: Submission of all the Audited Annual Account from FY 2015-16 to 2017-18

MSPCL should file in the next tariff petition with true up for 2015 - 2016, 2016 - 2017 and 2017-18 base on audited figure. Commission will no longer entertain provisional true up in the next tariff petition without the submission of the Audited annual accounts in full shape.

The delay in submission of true-up will cost the Licensee to forego the entitlement to claim for additional period cost due to inflation for the true-up delay.

Compliance Status:

It is submitted that the Audited Annual Accounts for the financial years 2015-16, 2016-17, 2017-18, 2018-19, 2019-20 and 2020-21 is complete in all respects. Accordingly True-up petitions in chronological sequence from 2015-16, 2016-17, 2017-18, 2018-19, 2019-20 and 2020-21 is filed separately and the true up for 2021-22 is filed along with the Tariff petition FY 2023-24.

Fresh Directives 2021-22

Directive No.1

The MSPCL is directed to file at least three true-up petitions in chronological sequence of those financial years which are pending for submission along with full-fledged audited Accounts before filing next tariff petition for FY 2022-23 without any further delay.

Compliance Status:

May be clubbed with Directive 20.

Directive 21: The Licensee shall furnish the under mentioned details of feeder metering in the next ARR filing submissions to the Commission in comprehensive manner:

Details of feeders metering to be submitted

- A. Name of 132/33/11kV installation:
- No. and name of 11kV incoming feeder
- Name of 11kV incoming feeder provided with meter





- No. and name of Out-going 11kV feeder
- Name of 11kV Out-going feeders provided with meters
- ➤ No of 11kV feeders without meters

B. Names of 33/11kV Sub-Stations:

- > No. and name of 11kV incoming feeder
- No. and 11kV provided with meter.
- > No. and name of 11kV outgoing feeder provided with meter.
- > No. and name of 11kV outgoing feeder without meter.

Compliance Status:

May be clubbed with Directive 16.

Directive 22: Providing of Energy Meters:

It is observed from the Capital Expenditure plan for FY 2018-19, Sl No.9, out of the total capital outlay of Rs.3.71Crs, it is stated that expenditure to the tune of Rs,3.21Crs (i.e., about 87%) were already spent till the ARR filing date. Under these circumstances, Licensee needs explain why there are still lagging behind in the full-fledged metering till date.

If so, how the amount of Rs.3.21 crs was utilised for the purpose of providing energy meters. The report must be submitted to the Commission latest by the 30th June 2019 without fail with due explanation covering all issues.

Compliance Status:

May be clubbed with Directive 16.

Fresh Directives 2020-21

Directive 1:

MSPCL will raise monthly intra-state transmission bill to MSPDCL and MSPDCL will make timely payment. Rebate & late payment surcharge as per rules will be applied.

Compliance Status:

1



MSPCL & MSPDCL both being Government owned Companies, all expenses are borne by the Government of Manipur in the form of Grant-in-aid for which separate Head of Accounts is provided in Annual Budget Estimate. All the expenditure for Salary, OE & OM, etc., are to be met from Transmission charges to be levied from MSPDCL as Wheeling Charges for utilization of transmission/sub-transmission asset of MSPCL at the rate fixed by JERC (M&M). Till date, MSPCL is not raising invoices to MSPDCL towards recovery of transmission revenue. MSPCL received funds as transmission revenue from the state government in the form of grant-in-aid which is provided through MSPDCL. At present, there is no agreement between MSPCL and MSPDCL in this regard and MSPCL will start raising recurring invoices after enactment of such an agreement.

Directive No.2

Details of interface metering points in use & new areas identified for energy availed by MSPDCL:- As the billing is based on energy transmitted to MSPDCL, the Licensee shall submit various Interface energy metering points and their geographical locations presently in existence & usage and also other areas identified recently for installation of such interface energy meters. The license shall install reliable meters at the interface points duly approved by both the parties.

Compliance Status:

May be clubbed with Directive 16





9. Chapter: 9: Compliance of Directives

9.1. Form F1 - Aggregate Revenue Requirement

(In Rs. Crore)

			2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
	Particulars	Form	Actual	Estimated	Projected	Projected	Projected	Projected	Projected
1	Energy Available (MU)			+					
2	Energy Transmitted (MU)								
3	Transmission Loss %								
A	Capacity Charges (Annual Fixe	d Charges)							
1	O&M expenses	-	71.04	91.57	113.00	121.70	132.15	141.90	153.64
a	R&M Expense	F18	7.54	13.56	13.56	13.56	13.56	13.56	13.56
b	Employee Expenses	F19	55.02	67.71	89.00	97.55	107.85	117.60	129.18
c	A&G Expense	F20	8.48	10.29	10.44	10.59	10.74	10.74	10.90
2	Depreciation	0	1.41	1.67	1.85	2.02	2.14	2.28	2.46
3	Interest on Loans	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Return on Capital Employed	0	1.56	1.56	1.56	1.56	1.56	1.56	1.56
5	Interest on Working Capital	F25	4.20	5.24	6.18	6.86	7.54	8.26	9.11
6	Income Tax	F29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Less: Non-Tariff Income	F26	18.14	15.20	15.20	15.20	15.20	15.20	15.20
8	Less: Income from Other Business	F27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	Less: Expenses Capitalized	F28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total		60.06	84.83	107.39	116.93	128.18	138.79	151.56





9.2. Form F1a - Projection of Sales

	Name of utility to whom energy sold	2019-20 2020-21	2021-22	2022-23
SI no.	37	A Actual	Estimated	Projected
1	Not	Applicable		
2				

9.3. Form F1a - Projection of Connected Load

	Name of utility to whom energy sold	2019-20	2020-21	2021-22	2022-23
SI no.	NI A I		1 1 Actual		Projected
L	Not Appl	icable			
2					

9.4. Form F1a - Projection of Peak Demand

	Name of utility to whom energy sold	2019-20	2020-21	2021-22	2022-23
SI no.	Nat Ameliaabla	Actual		Estimated	Projected
1	Not Applicable			-	74 - 77
2					

9.5. Form F1a - Projection of Minimum Demand

	27 / 27 / 11	2019-20	2020-21	2021-22	2022-23
SI no.	Name of utility to whom energy sold	Actual		Estimated	Projected
1	Not Applicab	ole			
2	11				





9.6. Form F2 - Details of Transmission Lines and Substations

No.	Name of line	Type of line AC/ HVDC	S/C or D/C	Voltage level kV	Line length CktKm.
Trans	mission Lines: 33 KV				
1	Yurembam - Mayang Imphal	AC	S/C	33	23.80
2	Yurembam - Leimakhong	AC	S/C	33	20.00
3	Khuman Lampak - Imphal P/H	AC	S/C	33	3.50
4	Khuman Lampak - Kongba	AC	S/C	33	11.00
5	Napetpalli - Khuman Lampak	AC	S/C	33	16.00
6	Khuman Lampak - Nilakuthi	AC	S/C	33	8.50
7	Mongsangei - Kongba	AC	S/C	33	13.81
8	Leimakhong - Nilakuthi	AC	S/C	33	9.50
9	Kakching - Mayang Imphal	AC	S/C	33	19.00
10	Kakching - New Chayang	AC	S/C	33	18.40
11	Kakching - Tengnoupal	- AC	S/C	- 33	27.00
12	Moirang - Moirang Khunou	AC	S/C	33	6.50
13	Thoubal- Kongba	AC	S/C	33	15.00
14	Kakching - Thoubal via Wangjing	AC -	S/C	_ 33	22.00
15	Leimakhong - Kangpokpi	AC	S/C	33	35.00
16	Yaingangpokpi - Hundung via Litan	AC	S/C	33	32.00
17	Yaingangpokpi – Napetpalli	AC	S/C	33	12.40
18	Hundung - Kamjong	AC	S/C	33	56.00
19	Hundung - Tolloi	AC	S/C	33	28.00
20	Jiribam - Rengpang	AC	S/C	33	75.00





MSPCL MYT TARIFF PETITION FOR THE CONTROL PERIOD OF FY 2023-24 TO FY 2027-28

Line length Ckt.-Km. 25.00 45.00 27.28 20.00 50.00 15.00 20.00 18.00 20.00 35.00 34.50 38.50 43.00 40.00 38.00 43.00 50.00 42.00 0.10 7.00 5.00 7.00 3.00 8.80 Voltage level 33 33 33 33 33 33 33 33 33 33 33 33 33 33 S/C or D/C S/C Type of line AC HVDC AC Ningthoukhong - Churachandpur via Moirang Name of line Ningthoukhong - Bishnupur Nambol to tapping at malom Churachandpur -- Singhat Churachandpur-Thinkew Rengpang - Tamenglong Napetpalli - Sagolmang Jiribam -Shivapurikhal Rengpang - Khoupum Mongsangei to Kakwa Yurembam to Airport Bishnupur - Nambol Tengnoupal - Moreh Kangpokpi - Karong Sagolmang - Saikul Kangpokpi - Tamei Yurembam - None Maram -Lakhamai Namrei - Jessami Karong - Maram Maram - Tadubi Tolloi - Namrei Tousem Kangla 43 So. 39 42 44 35 36 38 40 26 29 32 33 34 37 41 30 31 22 23 24 25 27





MSPCL MYT TARIFF PETITION FOR THE CONTROL PERIOD OF FY 2023-24 TO FY 2027-28

No.	Name of line	Type of line AC/ HVDC	S/C or D/C	Voltage level kV	Line length CktKm.
45	LILO at Sangaipat	AC	S/C	33	3.20
46	LILO at Sangaiprou	AC	S/C	33	0.20
47	Thinkew- Thanlon	AC	S/C	33	75.00
48	Maram - Willong	AC	S/C	33	37.00
49	LILO Sekmaijin	AC	S/C	33	4.00
50	Thanlon - Sinjawl	AC	S/C	33	50.00
51	LILO Ukhrul Khunjao	AC	S/C	33	6.00
52	INIMS	AC	S/C	33	2.00
53	LILO at Chingarel	AC	S/C	33	4.00
54	LILO Chakpikarong	AC	S/C	33	4.00
55	LILO at Oinamlong from Jiribam - Rengpang	AC	S/C	33	25.00
56	LILO at Gamphajol from Kangpokpi - Leimakhong	AC	S/C	33	2.50
57	LILO at Sekmai from Kangpokpi -Leimakhong	AC	S/C	33	5.00
58	Thoubal - Thoubal Leishangthem	AC	S/C	_ 33	20.00
59	LILO at Khongjom from Kakching -Wangjing	AC	S/C	33	5.00
60	Hundung -Phungyar	AC	S/C	33	42.00
61	Noney - Loktak Downstream HEP	AC	S/C	33	44.00
62	LILO at Gelnel on Kangpokpi-Tamei	AC	S/C	33	6.00
63	Thinkew -Henglep	AC	S/C	33	25.00
64	LILO Sugnu	AC	S/C	33	3.00
65	MoirangKhunou -Wangoo	AC	S/C	33	13.50
66	Shajaoba(Tadubi) - Mao	AC	S/C	33	10.00
67	Hundung -Nungbi Khullen	AC	S/C	33	45.00







No.	Name of line	Type of line AC/ HVDC	S/C or D/C	Voltage level kV	Line length CktKm.
68	LILO at Mayangkhang on Karong Kangpokpi	AC	S/C	33	4.00
69	Thoubal - Kasom Khullen	AC	S/C	33	41.00
70	Yurembam - Mongsangei	AC	D/C	33	8.14
71	Yurembam - Khuman Lampak via Iroisemba (D/C)	AC	D/C	33	13.48
72	Sinam Chingin - Lamphel	AC	D/C	33	3.50
73	Khuman Lampak - Kongba (D/C)	AC	D/C	33	14.26
74	Iroisemba - Leimakhong D/C	AC	D/C	33	18.00
75	PGCIL - Yurembam Multi Circuit	AC	M/C	33	0.68
76	Sanjenbam to Porompat	AC	S/C	33	3.59
77	Napetpalli to Sanjenbam	AC	S/C	33	7.472
78	LILO at Yairipok	AC	S/C	33	3.00
79	Mayang Imphal to Wangoi	AC	S/C	33	10.00
80	Hundung -Gumnom	AC	S/C	33	20.00
81	Moirang - Kwakta	AC	S/C	33	6.43
82	LILO at Tuilaphai from CCPur-Thinkew	- AC	- D/C	33	0.68
83	LILO at Oildepot from Yurembam-Mayang Imphal	AC	D/C	33	2.00
84	LILO at Pishum(GIS)from Mongsangei -Kakwa	AC	D/C	33	0.34
85	Mongsangei-Hiyangthang	AC	S/C	33	4.88
86	Nambol - Leimapokpam	AC	S/C	33	6.72
87	Thoubal-Thoubal	AC	D/C	33	6.00
88	Thoubal-Langdum	AC	S/C	33	9.64
89	Thoubal-Usoipokpi	AC	S/C	33	5.90
90	Kongba-Langdum	AC	S/C	33	5.36
91	Langdum-Andro	AC	S/C	33	5.61
92	Porompat-Top Khongnangkhong	AC	S/C	33	3.15





No.	Name of line	Type of line AC/ HVDC	S/C or D/C	Voltage level kV	Line length CktKm.
93	Thoubal-Wangjing (Khangabok Moirang Palli)	AC	S/C	33	10.00
94	Wangjing-Heirok	AC	S/C	33	8.00
95	LILO at Ibudhou Marjing	AC	S/C	33	10.00
96	LILO at Keithelmanbi	AC	S/C	33	6.60
	Total:				1757.42
Trans	smission Lines: 132 KV	10			
1	Leimatak -Ningthoukhong	AC	S/C	132	10.500
2	Ningthoukhong - Yurembam	AC	S/C	132	27.500
3	Yurembam - Mao	AC	S/C	132	91.375
4	LILO at Karong	AC	S/C	132	1.155
5	Yurembam - Yaingangpokpi(i)	AC	S/C	132	41.362
6	Yaingangpokpi - kongba	AC	S/C	132	32.284
7	kongba - Kakching	AC	S/C	132	44.953
8	Leimatak -Rengpang (i/c LILO)	AC	S/C	132	39.800
9	Rengpang- Jiribam	AC	S/C	132	52.200
10	Ningthoukhong - Churachandpur	AC	D/C	132	23.020
11	Kakching-Churachandpur D/C	- AC	D/C	132	37.858
12	Heikakpokpi (Kakching) - Chandel	AC	S/C	132	16.065
13	Yaingangpokpi - Hundung	AC	S/C	132	26.810
14	Yurembam - Yaingangpokpi (ii)	AC	S/C	132	46.990
15	Link line from 400 kV S/S at Thoubal to 132 kV Kakching S/S and 132kV Chandel S/S.	AC	S/C	132	8.552
16	LILO at 132 kV Thoubal S/S	AC	S/C	132	12.000
17	LILO at Elangkhangpokpi on Kakching - Churchandpur (State Plan)	AC	S/C	132	5.900
18	132kV Moreh line from Kakching to Moreh	AC	S/C	132	45.660





No.	Name of line	Type of line AC/ HVDC	S/C or D/C	Voltage level kV	Line length CktKm.
19	132kV Thanlon line from CCpur to Thanlon	AC	S/C	132	69.480
20	LILO at Tipaimukh on Jiribam (PG) - Aizawl (PG)	AC	S/C	132	5.000
21	Thoubal-Kongba	AC	D/C	132	22.421
22	Thoubal-Kakching	AC	D/C	132	41.000
23	Thoubal-Thoubal	AC	S/C	132	5.760
24	Imphal (PGCIL)-Imphal (Yurembam)	AC	D/C	132	0.981
21	Total:				708.63
Trans	smission lines: 400 KV	*			
1	Yurembam (PGCIL)-Thoubal	AC	D/C	400	45.11
					45.11







No	Name of Sub-station	Type of Substation Conventiona I/ GIS	Voltage level kV	No. of transformers / Reactors/ SVC etc. (with capacity)	Installed Capacity (MVA)	Date of Commercial operation	FY	Covered in this petition (Yes/No)
Sub	stations - 33/11 taken up by MSPCL							
1	Leimakhong	Conventional	33/11	3	13	April 1979	FY 2020-21	
2	Ningthoukhong	Conventional	33/11	4	16.3	June 1979	FY 2020-21	
3	Iroisemba	Conventional	33/11	3	25	31/07/1981	FY 2020-21	
4	Yurembam*	Conventional	33/11	2	15	June 1979	FY 2020-21	
5	Mongsangei	Conventional	33/11	2	20	23/04/1982	FY 2020-21	
6	Moirang*	Conventional	33/11	2	10	05/05/1982	FY 2020-21	
7	Mayang Imphal	Conventional	33/11	2	6.3	28/07/1983	FY 2020-21	
8	Kangpokpi	Conventional	33/11	3-	9.45	28/09/1983	FY 2020-21	
9	Kongba	Conventional	33/11	2	20	20/10/1983	FY 2020-21	
10	Litan	Conventional	33/11	2	6.3	December 1983	FY 2020-21	
11	Kakching	Conventional	33/11	2	10	31/03/1984	FY 2020-21	
12	KhumanLampak	Conventional	33/11	4	40	15/07/1987	FY 2020-21	
13	Thoubal (Old)	Conventional	33/11	3	15	06/08/1987	FY 2020-21	
14	Jiribam	Conventional	33/11	2	20	30/10/1987	FY 2020-21	
15	Churachandpur	Conventional	33/11	3	15	17/07/2000	FY 2020-21	
16	Hundung	Conventional	33/11	1	3.15	12/06/1989	FY 2020-21	
17	Bishnupur (Khwairakpam)	Conventional	33/11	3	9.45	19/07/1989	FY 2020-21	
18	New Chayang	Conventional	33/11	2	6.3	03/07/1989	FY 2020-21	
19	Nilakuthi	Conventional	33/11	2	20	15/01/1990	FY 2020-21	







No	Name of Sub-station	Type of Substation Conventiona I/ GIS	Voltage level kV	No. of transformers / Reactors/ SVC etc. (with capacity)	Installed Capacity (MVA)	Date of Commercial operation	FY	Covered in this petition (Yes/No)
20	Rengpang	Conventional	33/11	1	3.15	13/12/1991	FY 2020-21	
21	Yaingangpokpi	Conventional	33/11	1	3.15	Dec 1992	FY 2020-21	
22	Tadubi	Conventional	33/11	1	6.3	03/06/1993	FY 2020-21	
23	Imphal P/H	Conventional	33/11	3	15	30-04-1979	FY 2020-21	
24	Lamphel	Conventional	33/11	2	20	30-04-1994	FY 2020-21	
25	Tamenglong	Conventional	33/11	1 -	8.15	05/08/1994	FY 2020-21	
26	Napetpalli (Lamlai)	Conventional	33/11	2	10	13/11/1994	FY 2020-21	
27	Tengnoupal	Conventional	33/11	1	1	25/03/1995	FY 2020-21	
28	Khoupum	Conventional	33/11	4	15	30-12-1995	FY 2020-21	
29	Wangjing	Conventional	33/11	3	11.3	March 1995	FY 2020-21	
30	Moirangkhunou	Conventional	33/11	2	13.15	Sept 1996	FY 2020-21	
31	Karong (Senapati)*	Conventional	33/11	3	15	20-01-1997	FY 2020-21	
32	Tolloi	Conventional	33/11	2	4.15	28/04/1999	FY 2020-21	
33	Airport	Conventional	33/11	1	2	10/07/1999	FY 2020-21	
34	Nambol	Conventional	33/11	2	10	Feb 2002	FY 2020-21	
35	Kamjong	Conventional	33/11	2	4.15	25/04/2002	FY 2020-21	
36	Saikul	Conventional	33/11	2	6.3	30/06/2003	FY 2020-21	
37	Moreh	Conventional	33/11	2	10	27/11/2004	FY 2020-21	
38	Maram	Conventional	33/11	2	6.3	14/01/2006	FY 2020-21	
39	Noney	Conventional	33/11	1	3.15	30/11/2005	FY 2020-21	
40	Singhat	Conventional	33/11	1	3.15	June 2007	FY 2020-21	





No	Name of Sub-station	Type of Substation Conventiona 1/ GIS	Voltage level kV	No. of transformers / Reactors/ SVC etc. (with capacity)	Installed Capacity (MVA)	Date of Commercial operation	FY	Covered in this petition (Yes/No)
41	Namrei	Conventional	33/11	2	4.15	Dec 2009	FY 2020-21	
42	Lakhamai	Conventional	33/11	2	2	Dec 2009	FY 2020-21	
43	New Lamka	Conventional	33/11	2	10	2008	FY 2020-21	
44	Kangla	Conventional	33/11	2	10	21-09-2012	FY 2020-21	
45	Thinkew	Conventional	-33/11	2	2		FY 2020-21	
46	Shivapurikhal	Conventional	33/11	1	3.15	October 2016	FY 2020-21	
47	Tamei	Conventional	33/11	1	3.15	May 2011	FY 2020-21	
48	Tousem	Conventional	33/11	1	3.15	November 2011	FY 2020-21	
49	Jessami	Conventional	33/11	2	5		FY 2020-21	-
50	Kakwa	Conventional	33/11	2	10	21-09-2012	FY 2020-21	
51	Sagolmang	Conventional	33/11	2	6.3		FY 2020-21	
52	Sangaipat	Conventional	33/11	2	20	21-09-2012	FY 2020-21	-
53	Sangaiprou	Conventional	33/11	2	20	21-09-2012	FY 2020-21	
54	Thanlon*	Conventional	33/11	1	3.15	24/12/2013	FY 2020-21	
55	INIMS	Conventional	33/11	2	10	20-10-2014	FY 2020-21	
56	Mantripukhri	Conventional	33/11	2	10	20-10-2014	FY 2020-21	
57	Chingarel	Conventional	33/11	2	10	21-10-2014	FY 2020-21	
58	Sekmaijing	Conventional	33/11	2	10	29-12-2014	FY 2020-21	
59	Oinamlong	Conventional	33/11	2 .	5	14/08/2017	FY 2020-21	
60	Sinjawl	Conventional	33/11	2	2	Dec. 2015	FY 2020-21	







No	Name of Sub-station	Type of Substation Conventiona I/ GIS	Voltage level kV	No. of transformers / Reactors/ SVC etc. (with capacity)	Installed Capacity (MVA)	Date of Commercial operation	FY	Covered in this petition (Yes/No)
61	Gamphajol (Saparmeina)	Conventional	33/11	2	5	13-01-2016	FY 2020-21	
62	Chakpikarong	Conventional	33/11	2	2	Aug-16	FY 2020-21	
63	Sekmai	Conventional	33/11	2	10	13-01-2016	FY 2020-21	
64	Thoubal Leishangthem	Conventional	33/11	2	10	14-05-2016	FY 2020-21	
65	Khongjom	Conventional	33/11	2	10	20-04-2016	FY 2020-21	
66	Chandel	Conventional	33/11	2	10	Jun-17	FY 2020-21	
67	Willong	Conventional	33/11	2	5	20-02-2015	FY 2020-21	
68	UkhrulKhunjao	Conventional	33/11	2	10	14/08/2017	FY 2020-21	
69	Gelnel	Conventional	33/11	2	5	14/08/2017	FY 2020-21	-
70	Henglep	Conventional	33/11	2	2	14/08/2017	FY 2020-21	
71	Phungyar	Conventional	33/11	2	5	14/08/2017	FY 2020-21	2
72	Sugnu	Conventional	33/11	2	10	04/06/2017	FY 2020-21	
73	Joupi	Conventional	33/11	1	2	-	FY 2020-21	
74	Machi	Conventional	33/11	2	2	13-04-2015	FY 2020-21	
75	Mayang Langjing	Conventional	33/11	1	3.15		FY 2020-21	
76	Pherjawl	Conventional	33/11	1	2	=	FY 2020-21	
77	Sangaikot	Conventional	33/11	2	2	24-Apr-15	FY 2020-21	
78	Urup (Langdum)	Conventional	33/11	1	3.15		FY 2020-21	
79	Usoipokpi	Conventional	33/11	1	3.15		FY 2020-21	
80	Wangoo	Conventional	33/11	1	1		FY 2020-21	
81	Mao	Conventional	33/11	2	10	14-08-2017	FY 2020-21	





No	Name of Sub-station	Type of Substation Conventiona 1/ GIS	Voltage level kV	No. of transformers / Reactors/ SVC etc. (with capacity)	Installed Capacity (MVA)	Date of Commercial operation	FY	Covered in this petition (Yes/No)
82	Mayangkhang	Conventional	33/11	2	10	23-01-2019	FY 2020-21	
83	Nungbi Khullen	Conventional	33/11	2	10	15-02-2021	FY 2020-21	
84	Kasom Khullen	Conventional	33/11	2	5	01-10-2018	FY 2020-21	
85	Porompat	Conventional	33/11	2	10		FY 2020-21	
86	Tuliphai	Conventional	33/11	2	6.3	12 Dec. 2021	FY 2020-21	
87	Sanjenbam	Conventional	33/11	2	10		FY 2020-21	
88	Moreh (new)	Conventional	33/11	2	10	04-06-2018	FY 2020-21	
89	Tipaimukh	Conventional	33/11	2	10	29-04-2018	FY 2020-21	
90	Elangkhangpokpi	Conventional	33/11	2	10	28-06-2018	FY 2020-21	
91	Gumnom	Conventional	33/11	2	5	15-01-2021	FY 2020-21	
92	Thoubal (New)	Conventional	33/11	2	20	15-03-2021	FY 2020-21	
92	Pishum (GIS)	GIS	33/11	2	20	27-07-2021	FY 2021-22	
93	Wangoi	Conventional	33/11	2	10	31-10-2021	FY 2021-22	
94	Yairipok	Conventional	33/11	2	10	31-10-2021	FY 2021-22	
95	Keithelmanbi (New)	Conventional	33/11	2	10		FY 2021-22	
	Kwakta	Conventional	33/11	2	6.3	12 Dec. 2021	FY 2021-22	
96	Leimapokpam	Conventional	33/11	2	10	13-06-2022	FY 2021-22	
97		Conventional	33/11	2	6.3	13-06-2022	FY 2021-22	
98	Hiyangthang	Conventional	33/11	2	10		FY 2021-22	
99	Top Khongnangkhong	Conventional	33/11	2	6.3		FY 2021-22	
100	Andro Thangal	Conventional	33/11	2	6.3		FY 2021-22	







No	Name of Sub-station	Type of Substation Conventiona I/ GIS	Voltage level kV	No. of transformers / Reactors/ SVC etc. (with capacity)	Installed Capacity (MVA)	Date of Commercial operation	FY	Covered in this petition (Yes/No)
102	Wangjing (Moirang Palli)	Conventional	33/11	2	10	13-06-2022	FY 2021-22	
103	LDS	Conventional	33/11	2	10		FY 2021-22	
104	Heirok	Conventional	33/11	2	10	13-06-2022	FY 2021-22	
105	Takyel		33/11	2 -	10	40	FY 2022-23	
	Lamphel(NIT)		33/11	2	20		FY 2022-23	TT.
106	Paoyi	Conventional	33/11	2	5		FY 2022-23	
107	Thuyeng	Conventional	33/11	_ 2	5		FY 2022-23	
108	Joujangtek	Conventional	33/11	2	10		FY 2022-23	
109	Oinam	Conventional	33/11	2	10		FY 2022-23	
110	Gwakhal	Conventional	33/11	2	10		FY 2022-23	
111	Nampisha	Conventional	33/11	2	10	39	FY 2022-23	
112	Ibudhou Margjing	Conventional	33/11	2	10	13-06-2022	FY 2022-23	
113	Chingai	Conventional	33/11	2	10		FY 2022-23	
114	Somdal	Conventional	33/11	2	10		FY 2022-23	
115	Akampat	Conventional	33/11	2	10		FY 2022-23	
116	Liyaikhunou	Conventional	33/11	2	10		FY 2022-23	
117	Kachai	Conventional	33/11	2	10		FY 2022-23	
118	Sanakeithel	Conventional	33/11	2	10		FY 2022-23	
119	Nambashi	Conventional	33/11	2	10		FY 2022-23	
120	Khonjaron	Conventional	33/11	2	- 10		FY 2022-23	





No	Name of Sub-station	Type of Substation Conventiona I/ GIS	Voltage level kV	No. of transformers / Reactors/ SVC etc. (with capacity)	Installed Capacity (MVA)	Date of Commercial operation	FY	Covered in this petition (Yes/No)
	Total : 33/11 KV	Sub-Stations :		240	1113.65			
Sub	stations - 132 KV taken up by M	ISPCL						
1	Yurembam	Conventiona 1	132/33	3	94.5	13/07/1981	FY 2020-21	
2	Ningthoukhong	Convention al	132/33	2	40	10/02/1991	FY 2020-21	
3	Yaingangpokpi	Convention al	132/33	2	60	30/07/1993	FY 2020-21	
4	Kakching	Convention al	132/33	2	40	27/07/1994	FY 2020-21	
5	Karong	Convention al	132/33	2	40	18/01/1997	FY 2020-21	
6	Churachandpur	Convention	132/33	2	40	17/07/2000	FY 2020-21	
7	Rengpang	Convention al	132/33	1	12.5	13-12-1991	FY 2020-21	
8	Jiribam	Conventiona 1	132/33	2	26.3	29-09-1987	FY 2020-21	
9	Kongba	Conventiona 1	132/33	2	60	20-10-1983	FY 2020-21	
10	Hundung	Conventiona 1	132/33	2	25	Apr-17	FY 2020-21	
11	Chandel	Conventiona 1	132/33	2	25	Jun-17	FY 2020-21	







No	Name of Sub-station	Type of Substation Conventiona 1/ GIS	Voltage level kV	No. of transformers / Reactors/ SVC etc. (with capacity)	Installed Capacity (MVA)	Date of Commercial operation	FY	Covered in this petition (Yes/No)
12	Thoubal	Conventiona 1	132/33	2	40	15-03-2021	FY 2020-21	
13	Elangkhangpokpi	Conventiona 1	132/33	2	40	Jun-17	FY 2020-21	
14	Moreh	Conventiona 1	132/33	2	25	18-06-2018	FY 2020-21	
15	Thanlon	Conventiona 1	132/33	2	25	Apr-18	FY 2020-21	_
16	Tipaimukh	Conventiona 1	132/33	2	25	Jun-18	FY 2020-21	
17	Yurembam (PGCIL)	Conventiona 1	132/33	2	100		FY 2020-21	
	Tamenglong	Conventiona 1	132/33	2	40	05-08-1994	FY 2021-22	
18	Gamphazol	Conventiona 1	132/33	2	40		FY 2021-22	
	Total : 132 KV Su	ub Stations :		38	798.3			

Sub	stations - 400 KV taken up by MSPCL							
1	Thoubal	Conventiona 1	400/132	Tfr: 3+1 (Spare) Reactor: 1	420 63(MVAR)	15-03-2021	FY 2020-21	





No	Name of Sub-station	Type of Substation Conventiona 1/ GIS	Voltage level kV	No. of transformers / Reactors/ SVC etc. (with capacity)	Installed Capacity (MVA)	Date of Commercial operation	FY	Covered in this petition (Yes/No)
2	Yurembam	Conventiona 1	400/132	Tfr: 6+1 (Spare)	735	15-03-2021	FY 2020-21	

9.7. Form F2a - Statement of Assets not in use

S. No.	Asset details	Date of Acquisition/ Installation	Historical Cost/Cost of Acquisition	Date of withdrawal from operations	Cumulative depreciation recovered	Proposed residual value
		Not.	Appl	icable		
40-74						

9.8. Form F3 - Normative Parameters considered for tariff computation

	Particulars	Unit	2021-22 Actuals	2022-23 Estimated	2023-24 Projected	2024-25 Projected	2025-26 Projected	2026-27 Projected	2027-28 Projected
1	Base Rate of Return on Equity	%	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%
2	Tax Rate	%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

1



		Page dia	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
	Particulars	Unit	Actuals	Estimated	Projected	Projected	Projected	98.00%	Projected
3	Target Availability	%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%
4	Maintenance Spares for Working Capital	% of O&M	32.63%	30.47%	28.21%	29.49%	29.94%	30.82%	31.64%
5	Receivables for Working Capital	in Months	1	1	1	1	1	1	1
6	Base Rate of SBI as on 1st April of	%	12.30%	12.30%	12.30%	12.30%	12.30%	12.30%	12.30%

9.9. Form F4 - Abstract of admitted capital cost for existing projects

	Particulars	Unit	Details
1	Capital Cost as admitted by DERC	Rs Crores	
2	Capital cost admitted as on	11	
3	Foreign Component, if any (In Million US \$ or the relevant Currence) A 101	cable	
4	Domestic Component	Rs Crorés	
5	Foreign Exchange rate considered for the admitted Capital cost		
6	Hedging cost, if any, considered for the admitted Capital cost	-	
7	Total Capital cost admitted	Rs Crores	





9.10. Form F5 - Details of Foreign Loans

Particulars		Y	ear 1			Y	ear 2				and so on	a so on		
	Dat e	Amount (Foreign Currenc y)	Exchang e Rate	Amoun t (Rs)	Dat e	Amount (Foreign Currenc y)	Exchang e Rate	Amoun t (Rs)	Dat e	Amount (Foreign Currenc y)	Exchang e Rate	Amour t (Rs)		
Currency1 ¹														
Date of loan drawl ²														
Scheduled Principal Repayment		2.												
Scheduled Interest payment												1		
Closing at the end of financial year			-											
In case of Hedging ³								1				+		
At the date of Hedging								1.		1 1		+		
Period of hedging					1	1 1	101	11	Ca	h	\mathbf{a}			
Cost of hedging					U	L	$\mathbf{Y} \mathbf{P} \mathbf{I}$			1				
Currency21		- IX					1 1							
Date of loan drawl ²				-	-		-					-		
Scheduled Principal Repayment		=												
Scheduled Interest payment			-						-					
Closing at the end of financial year											-			
In case of Hedging ³							-		-					
At the date of Hedging											-	-		
Period of hedging														
Cost of hedging														





Particulars		Y	ear 1			Y	ear 2			Year 3	and so on	
Date of loan drawl ²	Dat e	Amount (Foreign Currenc y)	Exchang e Rate	Amoun t (Rs)	Dat e	Amount (Foreign Currenc y)	Exchang e Rate	Amoun t (Rs)	Dat e	Amount (Foreign Currenc y)	Exchang e Rate	Amoun t (Rs)
Date of loan drawl ²									-			
Scheduled Principal Repayment												
Scheduled Interest payment									-		-	
Closing at the end of financial year												
In case of Hedging ³									1			-
At the date of Hedging									-			
Period of hedging	-										-	
Cost of hedging												





9.11. Form F6 - Details of Foreign Equity

	Particulars			ear 1			,	(ear 2			Year 3	and so on	
		Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs)	Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs)	Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs)
	Currency11												
1	Date of Infusion												
2	9											1	
3												1	
4													
					7		1 1		1:	_1	-1	\	
	Currency21						TA	nn	ΠC	ar	110		
1	Date of Infusion	1 4			1		t A	PP	110				
2													
3												19	
4													
		-						5	_		,		
	Currency31								7				
1	Date of Infusion												
2				1									
3													
4													





9.12. Form F8 - Breakup for project cost for Transmission System

No	Break Down	As per original estimate s	Actual capital expenditur e as on COD	Liabilities / provisions	Variatio n (B-C-D)	Reasons for Variatio n
	A	В	C	D	n	F
A	Transmission Line					
1	Preliminary works					
1.1	Design & Engineering					
1.2	Preliminary investigation, Right of way, forest clearance, PTCC, general civil works etc.					
	Total Preliminary works					
2	Transmission Lines material					
2.1	Towers Steel					
2.2	Conductor					
2.3	Earth Wire					
2.4	Insulators					
2.5	Hardware Fittings					
2.6	Conductor &Earthwire accessories			1		
2.7	Spares					
2.8	Erection, Stringing & Civil works including foundation					
	Total Transmission Line Materials			-		+
3	Taxes and Duties					
3.1	Custom Duty			-		
3.2	Other Taxes & Duties					
	Total Taxes & Duties					
	Total -Transmission lines					
В.	Substations					





No	Break Down	As per original estimate s	Actual capital expenditur e as on COD	Liabilities / provisions	Variatio n (B-C-D)	Reasons for Variatio n
	A	В	C	D	E	F
4	Preliminary works & land					
4.1	Design & Engineering					
4.2	Land					
4.3	Site preparation					
	Total Preliminary works & land					
5	Civil Works					
5.1	Control Room & Office Building including HVAC					
5.2	Township & Colony					
5.3	Roads and Drainage	-				
5.4	Foundation for structures	-				
5.5	Misc. civil works					
	Total Civil Works					
6	Substation Equipment	- 0	-	-	2377	
6.1	Switchgear (CT,PT, Circuit Breaker, Isolator etc.)				= -	
6.2	Transformers					
6.3	Compensating Equipment(Reactor, SVCs etc.)	-				
6.4	Control , Relay & Protection Panel					
6.5	PLCC					
6.6	HVDC package					
6.7	Bus Bars/ conductors/Insulators					
6.8	Outdoor lighting					
6.9	Emergency D.G. Set					
6.1	Grounding System					
6.1 1	Structure for switchyard					





No	Break Down	As per original estimate s	Actual capital expenditur e as on COD	Liabilities / provisions	Variatio n (B-C-D)	Reasons for Variatio n
	A	В	C	D	E	F
	Total Substation Equipment					
7	Spares					
8	Taxes and Duties					
8.1	Custom Duty					
8.2	Other Taxes & Duties					
	Total Taxes & Duties					
	Total (Sub-station)					
9	Construction and pre-commissioning expenses					
9.1	Site supervision & site admn.etc.					
9.2	Tools and Plants					
9.3	construction Insurance			-		
	Total Construction and pre commissioning expenses					
10	Overheads					
10. 1	Establishment					
10. 2	Audit & Accounts					
10.						
3	Contingency					
	Total Overheads					
11	Total Cost (Plant and Equipment)					





No	Break Down	As per original estimate s	Actual capital expenditur e as on COD	Liabilities / provisions	Variatio n (B-C-D)	Reasons for Variatio n
	Α	В	С	D	E	F
12	IDC, FC, FERV & Hedging Cost					
12.						
1	Interest During Construction (IDC)					
12.						
2	Financing Charges (FC)					
12.						
3	Foreign Exchange Rate Variation (FERV)					-
12.				-		
4	Hedging Cost					
	Total of IDC, FC, FERV & Hedging Cost					
13	Capital Cost incl IDC, FC, FERV & Hedging Cost					





9.13. Form F9 - Breakup of Construction/Supply/Service Packages

	Particulars 1 2 3 4 5 6	
1	Name/ No. of Construction / Supply / Service Package	
2	Scope of works ¹ (in line with head of cost break-ups as applicable)	
3	Whether awarded through ICB/DCB/ Depatmentally/ Deposit Work	
4	No. of bids received	
5	Date of Award	
6	Date of Award Date of Start of work Date of Start of work	
7	Date of Completion of Work	
8	Value of Award ² in (Rs. Lakhs)	
9	Firm or With Escalation in prices	
10	Actual capital expenditure till the completion or up to COD whichever is earlier (Rs.Cr.)	
11		
12	IDC, FC, FERV & Hedging Cost	
13	Sub -total (9+10+11)	





9.14. Form F10 - Draw Down Schedule for Calculation of IDC & Financing Charges

- 1111	Draw Down		Quarter 1			Quarter 2		Quarter n (COD)			
No	Particulars	Quantum in Foreign currency	Exchange Rate on draw down date	Amount in Indian Rupee	Quantum in Foreign currency	Exchange Rate on draw down date	Amount in Indian Rupee	Quantum in Foreign currency	Exchange Rate on draw down date	Amount in Indian Rupee	
1	Loans										
1.1	Foreign Loans										
1.1.1	Foreign Loan 1										
	Draw down Amount	-								-	
	IDC										
	Financing charges										
1.1.2	Foreign Loan 2										
	Draw down Amount										
	IDC										
	Financing charges							_			
1.1.3											
							=5:				
							=		n =5 ° = ±		
	Total Foreign Loans										
	Draw down Amount	0	0	0	0	0	0	0	0	0	
	IDC	0	0	0	0	0	0	0	0	0	
	Financing charges	0	0	0	0	0	0	0	0	0	
1.2	Indian Loans	(14)									
1.2.1	Indian Loan 1										
	Draw down Amount										
	IDC										
	Financing charges										





	Draw Down		Quarter 1			Quarter 2		Quarter n (COD)			
No	Particulars	Quantum in Foreign currency	Exchange Rate on draw down date	Amount in Indian Rupee	Quantum in Foreign currency	Exchange Rate on draw down date	Amount in Indian Rupee	Quantum in Foreign currency	Exchange Rate on draw down date	Amoun in Indian Rupee	
1.2.2	Indian Loan 2										
	Draw down Amount										
	IDC									- 3	
	Financing charges										
1.2.3											
	Total Indian Loans			-							
-	Draw down Amount	- 0	0	0	0	0	0	0	0	0	
	IDC	0	0	0	0	0	0	0	0	0	
	Financing charges	0	0	_ 0	0	0	0	0	0	0	
	Total of Loans drawn	0	0	0	0	0	0	0	0	0	
	IDC	0	0	0	- 0	0	0	0	0	0	
	Financing charges	0	0	0	0	0	0	0	0	0	
2	Equity										
2.1	Foreign equity drawn										
2.2	Indian equity drawn										
	Total equity deployed	0	0	0	0	0	0	0	0	0	





9.15. Form F11 - Financial Package upto COD

	Financial Packa	ge as Approved	Financial Package as on COD As Admitted on C					
	Currency	Amount	Currency	Amount	Currency	Amount		
Loans					\			
Loan-I	7 7		1.	11				
Loan-II		$\Delta + \Lambda$	1011	cabl	\mathbf{O}			
Loan-III		$OL \Box$	10011	cavi				
and so on								
Total Loan	- \	0		0	-	0		
Equity								
Foreign								
Domestic								
Total Equity		0		0		0		
Debt : Equity Ratio								





9.16. Form F12 - Details of Project Specific Loans

Particulars	Package 1	Package 2	Package 3	Package 4	Package 5	Package 6
Source of Loan ¹						
Currency ²						
Amount of Loan sanctioned						
Amount of Gross Loan drawn upto 31.03.2011/ COD 3,4,5,13,15						
Interest Type ⁶						
Fixed Interest Rate, if applicable	4				\ \	
Base Rate, if Floating Interest ⁷					\ \ \ \ \	N (N-
Margin, if Floating Interest8	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
Are there any Caps/Floor9		$\Delta + \Delta$	nnli	cabl		
If above is yes, specify caps/floor	IVI	$J \cup I \setminus I$	$\rho \rho n$	Lab.		
Moratorium Period ¹⁰		-	LL			
Moratorium effective from						
Repayment Period ¹¹						
Repayment effective from						
Repayment Frequency ¹²				=		-
Repayment Instalment ^{13,14}						
Base Exchange Rate ¹⁶						
Are foreign currency loan hedged?						
If above is yes, specify details ^{17, 18, 19}						





9.17. Form F13 - Details of Allocation of corporate loans to various transmission projects

Particulars	Package 1	Package 2	Package 3	Package 4	Package 5	Package 6
Source of Loan ¹						
Currency ²						
Amount of Loan sanctioned						
Amount of Gross Loan drawn upto 31.03.2011/ COD 3,4,5,13,15						
Interest Type ⁶						-
Fixed Interest Rate, if applicable						
Base Rate, if Floating Interest ⁷				N /N	V/No	Yes/No
Margin, if Floating Interest ⁸	Yes/No	Yes/ N o	Yes/No	PIIC	19/NO	165/110
Are there any Caps/Floor9		\rightarrow	TAT	\mathbf{m}	ant	
If above is yes, specify caps/floor		110				
Moratorium Period ¹⁰						
Moratorium effective from						
Repayment Period ¹¹					-	
Repayment effective from						
Repayment Frequency ¹²	\					
Repayment Instalment ^{13,14}						
Base Exchange Rate ¹⁶						
Are foreign currency loan hedged?						
If above is yes, specify details ^{17, 18, 19}						

	Distribution of loan packages to various transmission pr	ojects
Name of the Projects		Total
Transmission Project 1		
Transmission Project 2		





9.18. Form F14 - Statement of Additional Capitalisation after COD

No	Year	Work/ Equipment proposed to be added after COD up to Cut off Date/ Beyond Cut off Date	Amount capitalised and Proposed to be capitalised	Justification	Regulations under which covered	Admitted Cost ¹
1						
2		\				
3						
4						
5						

9.19. Form F15 - Financing of Additional Capitalization

		Actual						Admitted		
Financial Year (Starting from COD)	Year 1	1 Year 2	2 Year 3	Year 4	Year 5 & so on	Year 1	Year 2	Year 3	Year 4	Year 5 & so on
Amount capitalised in Work/ Equipment										
Financing Details -	NT	1	A		•					
Loan-1	NO	1	10	\mathbf{n}	100	\mathbf{m}				-
Loan-2	NU	L L	7	נען	ica	101				
Loan-3 and so on			1	1						
Total Loan ²										
Equity										
Internal Resources										
Others										

12





Total

9.20. Form F16 - Statement of Capital Cost

(in Rs. Crores)

	Particulars	2021-22 (Actuals)	2022-23 (Estimated)	2023-24 (Projected)	2024-25 (Projected)	2025-26 (Projected)	2026-27 (Projected)	2027-28 (Projected)
a	Opening Gross Block Amount as per books	1577.40	2151.10	2243.67	2610.85	2664.25	2916.06	3021.23
b	Amount of capital liabilities in A(a) above							
с	Amount of IDC, FC, FERV & Hedging cost included in A(a) above							
d	Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in A(a)		-	-	-			
a	Additional Gross Block Amount as per books	573.70	92.57	367.17	53.40	251.81	105.17	346.86
b	Amount of capital liabilities in B(a) above							
c	Amount of IDC, FC, FERV & Hedging cost included in B(a) above						*	
d	Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in B(a)					11		-
	b c d b c	a Opening Gross Block Amount as per books b Amount of capital liabilities in A(a) above Amount of IDC, FC, FERV & Hedging cost included in A(a) above Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in A(a) a Additional Gross Block Amount as per books b Amount of capital liabilities in B(a) above Amount of IDC, FC, FERV c & Hedging cost included in B(a) above Amount of IEDC (excluding IDC, FC, FERV & Hedging cost included in B(a) above Amount of IEDC (excluding IDC, FC, FERV & Hedging	a Opening Gross Block Amount as per books b Amount of capital liabilities in A(a) above Amount of IDC, FC, FERV c & Hedging cost included in A(a) above Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in A(a) a Additional Gross Block Amount as per books b Amount of capital liabilities in B(a) above Amount of IDC, FC, FERV c & Hedging cost included in B(a) above Amount of IDC, FC, FERV c & Hedging cost included in B(a) above Amount of IEDC (excluding IDC, FC, FERV & Hedging Cost Included IDC, FC, FERV & Hedging	Amount of IEDC (excluding cost) included in A(a) above Additional Gross Block Amount as per books A Additional Gross Block Amount of IDC, FC, FERV & Hedging cost) included in A(a) above A Additional Gross Block Amount of IDC, FC, FERV & Hedging cost) included in A(a) A Additional Gross Block Amount as per books B Amount of IDC, FC, FERV & Hedging cost in B(a) above Amount of IDC, FC, FERV & Hedging cost included in B(a) above Amount of IDC, FC, FERV & Hedging cost included in B(a) above Amount of IEDC (excluding IDC, FC, FERV & Hedging cost included in B(a) above	Particulars (Actuals) (Estimated) (Projected) a Opening Gross Block Amount as per books b Amount of capital liabilities in A(a) above Amount of IDC, FC, FERV & Hedging cost included in A(a) above Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in A(a) a Additional Gross Block Amount as per books b Amount of capital liabilities in B(a) above Amount of IDC, FC, FERV & Hedging cost included in B(a) above Amount of IDC, FC, FERV & Hedging cost included in B(a) above Amount of IEDC (excluding IDC, FC, FERV & Hedging did IDC, FC, FERV & Hedging	Particulars (Actuals) (Estimated) (Projected) (Projected) a Opening Gross Block Amount as per books b Amount of capital liabilities in A(a) above Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in A(a) a Additional Gross Block Amount as per books b Amount of capital liabilities in B(a) above Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in A(a) a Additional Gross Block Amount as per books b Amount of capital liabilities in B(a) above Amount of IDC, FC, FERV & Hedging cost included in B(a) above Amount of IEDC (excluding IDC, FC, FERV & Hedging cost included in B(a) above Amount of IEDC (excluding IDC, FC, FERV & Hedging IDC, FC, FERV & Hedging	Particulars (Actuals) (Estimated) (Projected) (Projected) a Opening Gross Block Amount as per books b Amount of capital liabilities in A(a) above Amount of IDC, FC, FERV & Hedging cost included in A(a) above a Additional Gross Block Amount as per books b Amount of capital liabilities in A(a) above Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in A(a) a Additional Gross Block Amount as per books b Amount of capital liabilities in B(a) above Amount of IDC, FC, FERV & Hedging cost included in B(a) above Amount of IDC, FC, FERV & Hedging cost included in B(a) above Amount of IEDC (excluding IDC, FC, FERV & Hedging IDC, FC, FERV & Hedging cost included in B(a) above	Particulars (Actuals) (Estimated) (Projected) (Projected) (Projected) (Projected) a Opening Gross Block Amount as per books b Amount of capital liabilities in A(a) above Amount of IDC, FC, FERV & Hedging cost included in A(a) above a Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in A(a) a Additional Gross Block Amount-as per books b Amount of capital liabilities in B(a) above Amount of IDC, FC, FERV & Hedging cost included in A(a) a Additional Gross Block Amount-as per books b Amount of capital liabilities in B(a) above Amount of IDC, FC, FERV & Hedging cost included in B(a) above Amount of IDC, FC, FERV & Hedging cost included in B(a) above Amount of IDC, FC, FERV & Hedging cost included in B(a) above Amount of IDC, FC, FERV & Hedging IDC, FC, FERV & Hedging IDC, FC, FERV & Hedging cost included in B(a) above

B



		Particulars	2021-22 (Actuals)	2022-23 (Estimated)	2023-24 (Projected)	2024-25 (Projected)	2025-26 (Projected)	2026-27 (Projected)	2027-28 (Projected)
В	a	Closing Gross Block Amount as per books	2151.10	2243.67	2610.85	2664.25	2916.06	3021.23	3368.09
	ь	Amount of capital liabilities in C(a) above	* =		1-01	(4)			
	c	Amount of IDC, FC, FERV & Hedging cost included in C(a) above		_					
9	d	Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in C(a)					= -		ş





9.21. Form F17 - Statement of Capital Work in Progress

(In Rs. Crores)

		Particulars	2021-22 (Actuals)	2022-23 (Estimated)	2023-24 (Projected)	2024-25 (Projected)	2025-26 (Projected)	2026-27 (Projected)	2027-28 (Projected)
A	a	Opening CWIP Amount as per books	711.15	268.54	328.91	125.53	248.09	175.44	234.53
	b	Amount of capital liabilities in above					-		
	c	Amount of IDC, FC, FERV & Hedging cost included in a above							
В	a	Addition/Adjustment in CWIP Amount during the period	131.09	152.94	163.79	175.96	179.16	164.26	147.51
	b	Amount of capital liabilities in above				9 FF 69	_		
	c	Amount of IDC, FC, FERV & Hedging cost included in a above			== 1	ę.	-		
С	a	Capitalization/Transfer to Fixed asset of CWIP Amount during the period	573.70	92.57	367.17	53.40	251.81	105.17	346.86
	ь	Amount of capital liabilities in above					-		
	с	Amount of IDC, FC, FERV & Hedging cost included in a above							
D	a	Closing CWIP Amount as per	268.54	328.91	125.53	248.09	175.44	234.53	35.18





	Particulars	2021-22 (Actuals)	2022-23 (Estimated)	2023-24 (Projected)	2024-25 (Projected)	2025-26 (Projected)	2026-27 (Projected)	2027-28 (Projected)
	books							
b	Amount of capital liabilities in above							
c	Amount of IDC, FC, FERV & Hedging cost included in a above				2			=

9.22. Form F18 - R&M Expenses (In Rs. Crores)

		2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28		
	Particulars	Actual	Estimated	Projected	Projected	Projected	Projected	Projected		
1	Plant and Machinery		-					-		
2	Building				12.50	13.56	13.56			
6	Vehicles		lane remove					13.56		
7	Furniture and Fixtures	7.54	13.56	13.56	13.56		15.56	10.00		
8	Office Equipment				-		1			
11	Computer									
12	Land and land development				45.50	12.56	13.56	13.56		
	Total	7.54	13.56	13.56	13.56	13.56				
13	Any other items (Capitalisation)	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
13	Total	7.54	13.56	13.56	13.56	13.56	13.56	13.56		





9.23. Form F19 - Employee Expenses

(In Rs. Crores)

		2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
	Particulars	Actuals	Estimated	Projected	Projected	Projected	Projected	Projected
1	Salaries (Basic)	50.56			-			
2	Ex - Gratia	0.01						
3	Dearness Allowance (DA)	0.00						
4	House Rent Allowance	0.00						
5	SCA	0.00						
6	Medical Expenses Reimbursement	0.19	67.71	89.00	97.55	107.85	117.60	129.18
7	Travelling Allowance(Conveyance Allowance)	0.00	07.17					
8	NPS Contribution	4.25					-	
9	Impact of VII Pay Commission	0.00					-	
10	Work Charge & Muster Roll	0.00						
11	New Employee Salaries	0.00	E			107.05	117.60	129.18
12	Net Employee expenses (D)-(E)	55.02	67.71	89.00	97.55	107.85	117.60	129.16





9.24. Form 19a - Employee Strength

		2021-22		202	2-23	2023-24		
E.	Particulars	Working Strength At The Beginning Of The Year	Sanctioned Strength At The Beginning Of The Year	Working Strength At The Beginning Of The Year	Sanctioned Strength At The Beginning Of The Year	Working Strength At The Beginning Of The Year	Sanctioned Strength At The Beginning Of The Year	
1	Board of Directors	1	5	1	5	1	5	
2	Support staff to Board o	f Directors					Г	
2(a)	Technical				-			
2(b)	Administrative							
2(c)	Accounts & Finance	_						
2(d)	Others (please specify)		R)					
3	All Other Staff						1000	
3(a)	Technical	1155	1960	1094	1960	1331	1960	
3(a)(i)	Officers	262		257		243		
3(a)(ii)	Staff	893		837		1088	100	
3(b)	Non-technical	335	486	342	486	428	486	
3(b)(i)	Administrative	58		63		155		
3(b)(i)(a)	Officers	4		4		4		
3(b)(i)(b)	Staff	54		59		151		
3(b)(ii)	Accounts & Finance	8	0	10	0	10	0	
3(b)(ii)(a)	Officers	4		4		4		
3(b)(ii)(b)	Staff	4		6		6	-	
3(b)(iii)	Others (please specify)	269	0	269	0	263	0	
3(b)(iii)(a)	Officers	0						
3(b)(iii)(b)	Staff	269		269	La Caret	263		
(2)(11)(0)	Total	1491	2451	1437	2451	1760	2451	





9.25. Form F20 - Administration and General Expenses

(In Rs. Crores)

		2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
	Particulars	Actuals	Estimated	Projected	Projected	Projected	Projected	Projected
1	Telephone, Postage, Telegram & Telex Charges							
2	Conveyance And travelling		-					
3	Vehicle Expenses							
4	Printing And Stationery							
5	Advertisement Expenses							
6	Electricity Charges to Offices							
7	Miscellaneous Expenses	8.48	10.29	10.44	10.59	10.74	10.74	10.90
8	Legal Charges	0.40	10.25	10.41	10.57	10.71	101	10.50
9	Auditor's Fee		-					
10	Vehicle Running Expenses Truck / Delivery Van					7.		
11	Fabrication Charges							
12	Office related expenses			n				
13	Running expenses of assets					=		141
	Total A&G Expenses	8.48	10.29	10.44	10.59	10.74	10.74	10.90
	Less: A&G Expenses Capitalised							
	Total A&G Expenses	8.48	10.29	10.44	10.59	10.74	10.74	10.90





9.26. Form F21 - Fixed Assets and Depreciation

(In Rs. Crores)

				2021-22		
	Depreciation		Addition Adjustment & Depreciation Depreciation 0.00 0.00 0.00 0.00 0.00 0.00 543.86 86.89 86.89 29.84 6.50 0.04 0.00 0.04 0.08 0.00 0.01 0.01 -0.00 0.29 0.29			
Name of Asset	rate1	Opening	Addition		Depreciation	Closing
Land owned under full ownership						
Land under lease	0.00%	19.72	0.00		0.00	19.72
For investment in land					0.00	0.00
For cost of clearing site					0.00	0.00
Plant and Machinery	5.28%	1373.79	543.86		86.89	1917.65
Building	3.34%	179.60	29.84		6.50	209.45
Furniture and Fittings	6.33%	0.67	0.00		0.04	0.67
Computer	15.00%	0.52	0.00		0.08	0.52
Office Equipment	6.33%	0.08	0.00		0.01	0.08
Vehicles	9.50%	3.02	-0.00		0.29	3.02
Total	7.00,0	1577.40	573.70	0.00	93.80	2151.10

				2022-23						
	Depreciation		Estimate							
Name of Asset	rate1	Opening	Addition	Adjustment & Deduction	Depreciation	Closing				
Land owned under full ownership					0.00	0.00				
Land under lease	0.00%	19.72	0.00		0.00	19.72				
For investment in land		0.00			0.00	0.00				

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		2022-23							
Name of Acces	Depreciation	Estimate							
Name of Asset	rate ¹	Opening	Addition	Adjustment & Deduction	Depreciation	Closing			
For cost of clearing site		0.00			0.00	0.00			
Plant and Machinery	5.28%	1917.65	92.57		103.70	2010.22			
Building	3.34%	209.45	0.00		7.00	209.45			
Furniture and Fittings	6.33%	0.67	0.00		0.04	0.67			
Computer	15.00%	0.52	0.00		0.08	0.52			
Office Equipment	6.33%	0.08	0.00		0.01	0.08			
Vehicles	9.50%	3.02	0.00		0.29	3.02			
Total		2151.10	92.57	0.00	111.10	2243.67			

		2023-24								
Name of Acces	Depreciation		Projected							
Name of Asset	rate ¹	Opening	Addition	Adjustment & Deduction	0.00 0.00 0.00 0.00 0.00 115.83 7.00 0.04 0.08 0.01 0.29 123.24	Closing				
Land owned under full ownership		0.00	= [-1]	F 2	0.00	0.00				
Land under lease	0.00%	19.72	0.00		0.00	19.72				
For investment in land	0	0.00			0.00	0.00				
For cost of clearing site		0.00			0.00	0.00				
Plant and Machinery	5.28%	2010.22	367.17		115.83	2377.40				
Building	3.34%	209.45	0.00		7.00	209.45				
Furniture and Fittings	6.33%	0.67	0.00		0.04	0.67				
Computer	15.00%	0.52	0.00		0.08	0.52				
Office Equipment	6.33%	0.08	0.00		0.01	0.08				
Vehicles	9.50%	3.02	0.00		0.29	3.02				
Total		2243.67	367.17	0.00	123.24	2610.85				





				2024-25		
	Depreciation			Projected		
Name of Asset	rate ¹	Opening	Addition	Adjustment & Deduction	Depreciation	Closing
Land owned under full ownership		0.00			0.00	0.00
Land under lease	0.00%	19.72	0.00		0.00	19.72
For investment in land		0.00			0.00	0.00
For cost of clearing site	2	0.00			0.00	0.00
Plant and Machinery	5.28%	2377.40	53.40		126.94	2430.80
Building	3.34%	209.45	0.00		7.00	209.45
Furniture and Fittings	6.33%	0.67	0.00		0.04	0.67
Computer	15.00%	0.52	0.00		0.08	0.52
Office Equipment	6.33%	0.08	0.00		- 0.01	0.08
Vehicles	9.50%	3.02	0.00		0.29	3.02
Total		2610.85	53.40	0.00	134.34	2664.25

	-			2025-26							
	Depreciation	Projected									
Name of Asset	rate1	Opening	Addition	Adjustment & Deduction	Depreciation	Closing					
Land owned under full ownership		0.00			0.00	0.00					
Land under lease	0.00%	19.72	0.00		0.00	19.72					
For investment in land		0.00			0.00	0.00					
For cost of clearing site		0.00			0.00	0.00					
Plant and Machinery	5.28%	2430.80	251.81		134.99	2682.61					
Building	3.34%	209.45	0.00		7.00	209.45					







				2025-26		
	Depreciation		Addition Projected Adjustment & Deduction Ded			
Name of Asset	rate1	Opening	Addition		Depreciation	Closing
	6.220/	0.67	0.00		0.04	0.67
Furniture and Fittings	6.33%				0.08	0.52
Computer	15.00%	0.52	0.00			
	6.33%	0.08	0.00	y = = _	0.01	0.08
Office Equipment			0.00		0.29	3.02
Vehicles	9.50%	3.02	Control of the Contro			2916.06
Total		2664.25	251.81	0.00	142.40	2910.00

		*		2026-27		
	Depreciation			Projected		
Name of Asset	rate1	Opening	Addition	Adjustment & Deduction	Depreciation	Closing
Land owned under full		0.00			0.00	0.00
ownership	0.00%	19.72	0.00		0.00	19.72
Land under lease	0.0076	0.00			0.00	0.00
For investment in land					0.00	0.00
For cost of clearing site		0.00	405 45		144.42	2787.78
Plant and Machinery	5.28%	2682.61	105.17		7.00	209.45
Building	3.34%	209.45	0.00			
Furniture and Fittings	6.33%	0.67	0.00		0.04	0.67
	15.00%	0.52	0.00		0.08	0.52
Computer		0.08	0.00		0.01	0.08
Office Equipment	6.33%		57), F1 E 023		0.29	3.02
Vehicles	9.50%	3.02	0.00	0.00	151.83	3021.23
Total		2916.06	105.17	0.00	131.83	0021120

	Depreciation	2027-28
Name of Asset	rate1	Projected



MSPCL MYT TARIFF PETITION FOR THE CONTROL PERIOD OF FY 2023-24 TO FY 2027-28

		Opening	Addition	Adjustment & Deduction	Depreciation	Closing
Land owned under full ownership	_	0.00			0.00	0.00
Land under lease	0.00%	19.72	0.00		0.00	19.72
For investment in land		0.00			0.00	0.00
For cost of clearing site		0.00			0.00	0.00
Plant and Machinery	5.28%	2787.78	346.86		156.35	3134.64
	3.34%	209.45	0.00		7.00	209.45
Building Exemitars and Fittings	6.33%	0.67	0.00		0.04	0.67
Furniture and Fittings	15.00%	0.52	0.00		0.08	0.52
Computer	6.33%	0.08	0.00		0.01	0.08
Office Equipment		3.02	0.00		0.29	3.02
Vehicles	9.50%		346.86	0.00	163.76	3368.09
Total		3021.23	340.00	0.00	200,70	





9.27. Form F21a - Consumer Contribution and grants towards cost of capital assets

(In Rs. Crores)

		2021	-22	2022	-23	2023	3-24	2024	-25	2025	-26	2026	-27	2027	-28
		Act		Estim	ated	Proje	ction	Proje	ction	Projec	ction	Proje	ction	Projec	ction
		Additi ons during the Year	Balan ce at the end of the Year												
1	Consume r Contribut ion towards Cost Of Capital Assets												-		
2	Grant towards Cost Of Capital Assets	102.20	2,264. 88	92.57	2,357. 46	367.17	2,724. 63	53.40	2,778. 03	251.81	3,029. 84	105.17	3,135. 01	346.86	3,481. 87
	Total	102.20	2,264. 88	92.57	2,357. 46	367.17	2,724. 63	53.40	2,778. 03	251.81	3,029. 84	105.17	3,135. 01	346.86	3,481. 87





9.28. Form 22 - Interest and Finance Charges

					FY 20	020-21		
		Loan			Ac	tual		
	Loan Details	Tenu re (yrs)	Rate of Inter est	Openi ng Balanc e	Amou nt receiv ed	Princip al repaym ent	Inter est Due	Closi ng Balan ce
A	Interest charges on State Govt. Loans, Bonds And Advances							
1	State Government Loans							
2	Bonds			-				
3	Foreign Currency Loans / Credits							
4	Debentures							
	Sub-total							
	Interest on Long Term Loans / Credits from the FIs/ banks/ organisations approved by the State Government							
A	Secured Loans		_					
	Loan 1	10		100	h			
	Loan 2		OI	1Ca		te		
	Loan 3	Γ						
	Loan 4							
	Sub-total Sub-total							
В	Unsecured Loans							
	Loan 1							
	Loan 2							
	Loan 3							
	Loan 4							

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MSPCL MYT TARIFF PETITION FOR THE CONTROL PERIOD OF FY 2023-24 TO FY 2027-28

					FY 20	020-21		
	¥	Loan			Ac	tual		
	Loan Details	Tenu re (yrs)	Rate of Inter est	Openi ng Balanc e	Amou nt receiv ed	Princip al repaym ent	Inter est Due	Closi ng Balan ce
	Sub-total Sub-total							
С	Other Interest & Finance Charges					_		
	Cost of raising Finance / Bank Charges							
	Interest on Security Deposit							
	Penal Interest Charges							
	Lease Rentals							
	Sub-total Sub-total							
D	Grand Total Of Interest & Finance Charges (A + B + C)							
E	Less: Interest & Finance Charges Capitalised							
	Net Total Of Interest & Finance Charges (D - E)	5 E / L W			_		ina_	





9.29. Form 23 - Statement of Equity

	I Durit	TT	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
	Loan Details	Unit	Actual	Estimated	Projected	Projected	Projected	Projected	Projected
1	Equity (Opening Balance)	Rs Crores	10.05	10.05	10.05	10.05	10.05	10.05	10.05
2	Net additions during the year	Rs Crores	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Equity (Closing Balance)	Rs Crores	10.05	10.05	10.05	10.05	10.05	10.05	10.05
4	Average Equity	Rs Crores	10.05	10.05	10.05	10.05	10.05	10.05	10.05
5	Rate of Return on Equity	%	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%





9.30. Form 24 - Return on Equity

(In Rs. Crores)

			2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
No	Loan Details	Form	Actuals	Estimated	Projected	Projected	Projected	Projected	Projected
1	Regulated Rate Base								
2	Original Costs of Fixed Assets								
3	Accumulated Depreciation								
4	Addition in Regulated Rate Base						_		
a	Investments during the year						-		-
ь	Depreciation								
5	Change in Working Capital	-		-		96 N	-	-	
6	Equity (Average)	F23	10.05	10.05	10.05	10.05	10.05	10.05	10.05
7	Debt								
8	Rate of return on Equity	F23	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%
9	Rate of Return on Debt								
10	Weighted Avg Cost of Capital (WACC)	₹ =	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%
11	Return on Equity (without tax)		1.56	1.56	1.56	1.56	1.56	1.56	1.56





9.31. Form 25 - Working Capital requirements

(in Rs. Crores)

	Particulars	Unit	2021- 22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
	A-0-1111 - C-0-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-		Actual	Estimated	Projected	Projected	Projected	Projected	Projected
1	Receivables for one months calculated on NATAF	Rs Crores	5.00	7.07	8.95	9.74	10.68	11.57	12.63
2	Maintenance Spares	Rs Crores	23.18	27.90	31.88	35.89	39.57	43.73	48.62
3	O&M expenses for 1 month	Rs Crores	5.92	7.63	9.42	10.14	11.01	11.83	12.80
4	Total Working Capital	Rs Crores	_34.11	42.60	-50.24	55.78	_61.27	67.12	74.05
5	Rate of Interest	%	12.30%	12.30%	12.30%	12.30%	12.30%	12.30%	12.30%
6	Interest on Working Capital	Rs Crores	4.20	5.24	6.18	6.86	7.54	8.26	9.11

9.1. Form 26 - Details of Non-Tariff Income (in Rs. Crores)

No	Particulars	Unit	2021-22 Actual	2022-23 Estimated	2023-24 Projected	2024-25 Projected	2025-26 Projected	2026-27 Projected	2027-28 Projected
1	SLDC Charges	Rs Crores	3.94						
2	Agency Charges	Rs Crores	4.32	15.20	15.20	15.20	15.20	15.20	15.20
3	Contingency Charges	Rs Crores	0.01	15.20	13.20	10.20			
4	Dividend Income	Rs Crores	2.47						



No	Particulars	Unit	2021-22 Actual	2022-23 Estimated	2023-24 Projected	2024-25 Projected	2025-26 Projected	2026-27 Projected	2027-28 Projected
5	Interest from bank		4.76						
6	Other income		0.19						
7	Other Iinterest		2.45						
8	Total	Rs Crores	18.14	15.20	15.20	15.20	15.20	15.20	15.20

9.1. Form 27 - Income from other Businesses

No	Particulars		2017-18 2018-19		2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
		Unit	-	Actuals	Estimated				Projected	
1		Rs Crores		NT	- L 1	101	1:	2 h		
2		Rs Crores			DT	Y DI		aD	е	
3		Rs Crores				17-			-115 - W.	

9.2. Form 28 - Expenses capitalized (In Rs. Crores)

		2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
	× =	Actual	Estimated Projected	Projected	Projected	Projected	Projected	
1	Interest & Finance charges Capitalised							
2	Employee expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	A&G Expenses							
4	Others, if any							
	Grand Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00



9.3. Form 29 - Income Tax Provisions

(In Rs. Crores)

		2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
		Actuals	Estimated	Projected	Projected	Projected	Projected	Projected
1	Income Tax on the Return on Equity	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	As Per Return Filed For The Year							
3	As Assessed For The Year							-
4	Credit/Debit Of Assessment Year(s) (Give Details)							
	Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00



Addition in Capital Work in Progress for the FY 2022-23 (Rs. Cr.)

Sl. No.	Name of Project	Addition in CWIP of FY 2022 23
1	Transmission	
A.1	New Schemes	
A.1.1	33 kV System(Completion of Ongoing Schemes)	
1	Installation of 2x5 MVA 33/11 KV sub-station along with associated 33 kV line & related civil works at Chingai, Ukhrul district.	5.00
2	Installation of 2x5 MVA, 33/11 kV sub-station along with associated 33 kV line & related civil works at Kachai, Ukhrul district.	4.00
3	Installation of 2x5 MVA, 33/11 kV sub-station along with associated 33 kV line & related civil works at Sanakeithel, Ukhrul district.	4.00
4	Installation of new 33/11 kV sub-station along with associated 33 kV line at Akampat, Imphal East.	2.00
5	Installation of 2x5 MVA, 33/11 kV sub-station along with associated 33 kV line & related civil works at Liyai Khunou, Senapati district.	6.00
6	Installation of 2x5 MVA, 33/11 kV sub-station along with associated 33 kV line & related civil works at Ibudhou Marjing	-
7	Installation of 2x5 MVA, 33/11 kV sub-station along with associated 33 kV line & related civil works at Nambashi, Ukhrul district.	7.00
8	Installation of 2x5 MVA, 33/11 kV sub-station along with associated 33 kV line & related civil works at Khongjaron, Tamenglong district.	2.00
9	Installation of 2x5 MVA, 33/11 kV sub-station along with associated 33 kV line & related civil works at Somdal, Ukhrul District.	3.00
10	Installation of 2x5 MVA, 33/11 kV SS at Joujangtek, Noney district	6.00
11	Installation of 2x5 MVA, 33/11 kV SS at Oinam, Senapati district.	5.00
12	Installation of 2x5 MVA, 33/11 kV SS at Gwakhal, Jiribam district.	6.00
13	Installation of 2x5 MVA, 33/11 kV SS at Nampisha, Kamjong district	8.50

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Sl. No.	Name of Project	Addition in CWIP of FY 2022 23
	Total : A.1.1	58.50
A.1.2	33 kV System(Proposed new schemes)	-
1	Installation of 2x5 MVA, 33/11 kV SS at Tusom CV, Ukhrul district	0.20
2	Installation of 2x5 MVA, 33/11 kV SS at Phunal Maring, Senapati district	0.20
3	Installation of 2x5 MVA, 33/11 kV SS at Saikot, Churachandpur district	0.20
4	Installation of 2x5 MVA, 33/11 kV SS at Sahamphung, Kamjong district	0.20
5	Construction of 33 kV line from 132/33 kV Chandel SS to 33/11 kV SS at Joupi via Praolon.	0.50
	Total : A.1.2	1.30
	Total: A.1	59.80
A.2	Committed liability for completed transmission projects	-
A.2.1	400 kV System	-
1	Installation of 400 kV Sub-Station at Thoubal(NLCPR)	1.00
2	Installation of 2 nos. 400 kV line bays at Imphal(PG) sub-station	1.00
	Total: A.2.1	2.00
A.2.2	132 kV System	-
1	Cost for diversion of forest land for construction of transmission projects	20.54
2	Construction of 132 kV S/C line(2nd ckt) on D/C towers from Leimatak PH(NHPC) to 132 kV sub-station at Ningthoukhong	0.55
3	Construction of 132/33 kV sub-station at Tipaimukh	1.00
4	Construction of 132 kV link T/L from 400/132 kV sub-station, Thoubal to 132 kV sub-stations at Kakching & Chandel on existing Kongba to Kakching 132 kV T/L.	0.50

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Sl. No.	Name of Project	Addition in CWIP of FY 2022 23
5	Construction of 132 kV link T/L from 400/132 kV sub-station, Thoubal to 132 kV sub-stations at Moreh on Kakching to Moreh 132 kV T/L.	1.60
6	Construction of retaining wall at tower locations of various 132 kV transmission lines.	2.00
	Total: A.2.2	26.19
A.2.3	33 kV System	-
1	Installation of 2x5 MVA 33/11 kV sub-station with associated 33 KV line at Power House site of Loktak Down Stream HE Project(NEC)	0.50
2	installation of 33/11 kV sub-station at Poayi at Ukhrul	0.50
3	installation of 33/11 kV sub-station at Thueyng at Senapati	0.50
4	Renovation of various 33/11 kV substations - Civil works	3.65
	Total: A.2.3	5.15
	Total: A.2	33.34
	Sub-Total (I):	93.14
II	Generation	
1	Loktak Down Stream Hydro Electric Project (2x33 MW)	1.00
	Sub-Total (II):	1.00
Ш	Misc. Scheme	-
1	Consultancy for Hydel Investigation	2.00
2	Civil Works	6.00
3	Renovation and upgradation of grid sub-station of MSPCL under PSDF	-
4	AMC for SCADA/EMS	0.43
5	Expansion/Upgradation of SCADA/EMS system in NER	1.17
6	Installation of Reactive Power Solution on 33/11 kV Sub-station in Manipur under PSDF	-
7	AMC for 400 kV line bays at PG(Imphal)	3.26

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Sl. No.	Name of Project	Addition in CWIP of FY 2022- 23	
8	33 kV system Integration with SLDC system in Manipur under PSDF	3.00	
9	Reimbursement of State component of GST exempted for World Bank funded NERPSIP	10.00	
	Sub-Total : III	25.86	
	b)33 KV System Integration with SLDC system in Manipur on turn key basis.	21.29	
	c)Implementation of Scheduling, Accounting, Metering & Settlement of Transaction in Electricity(SAMAST) in Manipur.	11.65	
	Total (I+II+III):	152.94	

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Addition in Capital Work in Progress for the FY 2023-24 to FY 2027-28 (Rs. Cr.)

Sl. No.		Particulars	Total Project Cost	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28
		33 kV Line on steel tubular poles from 33 kV Tamenglong S/S to 33 kV Tamei S/S.	7.80	7.80	-	-	-	-
		Stringing of 33 kV line from 132 kV Rengpang S/S to 33 kV Noney S/S.	7.67	7.67	-			-
1	PIB Aprroved 33 kV Lines	33kV D/C line on Double Poles from 132 kV Yaingangpokpi S/S to 33 kV Khuman Lampak S/S.	15.38	-	15.38	-	-	-
		Stringing of 33 kV line from 132 kV Chandel S/S to 33 kV Joupi S/S	6.10	-	6.10	-	-	-
		Stringing of 33 kV line from 33 kV Tousem S/S to 33 kV Oinamlong S/S.	8.98	-	-	8.98	-	-
٦.	R&M of 33	R&M of 33 kV sub-stations	123.95	9.23	12.17	29.09	25.17	48.28
2	kV system	R&M of 33 kV transmission lines	90.80	17.16	26.79	46.84	-	
		Reconductoring 33 kV lines (Ring Main)	152.03	63.95	79.27	8.81	30 Se	-
3	HTLS Reconducto	Reconductoring 132 kV lines with associated S/S- Phase(I)	105.17	Ter.	4.32	57.17	43.67	-
3	ring	Reconductoring 132 kV lines with associated S/S- Phase(II)	89.07	-	-	12.45	57.45	19.17
		Reconductoring 132 kV lines with associated S/S- Phase(III)	133.84	-	-	15.82	37.97	80.05
	Panther Reconducto	Reconductoring Of 33 kV Line from Karong to Nilakuthi	57.98	57.98	-	- 1	-	-
4	ring	Reconductoring Of 33 kV Line Kakching to Kongba via Thoubal	31.92	-	31.92	-	:-	-
		Total addition in CWIP		163.79	175.96	179.16	164.26	147.51

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Capitalization during the FY 2021-22

Sl. No.	Project Name	Amount (Rs. Cr.)
1	R & M 132 kV, 1x20 MVA Karong.	18.40
2	Construction of 400/132 kV Sub station at Thoubal (New) on urn key basis.	187.17
	Installation of 2x2.5 MVA, 33/11 kV Sub Station along with associated 33 kV line and related civil works at	
3	Gumnom in Ukhrul District on urn key basis.	9.30
	Construction of 400 kV Double Circuit Line initially charged at 132 kV from Yurembam to Thoubal via	
4	Nambol on turn key basis.	278.64
5	Construction of 2 nos of 400 kV Line Bays at Imphal (PG), Yurembam on turnkey basis.	35.24
	Installation of 1x3.15 MVA, 33 kV Sub Station along with associated 33 kV line and related civil works at	
6	Yairipok, Thoubal District, Manipur under IPDS on urn key basis. (Supply and Erection)	9.32
	Augmentation of 33/11 kV Sub Station (from1x3.15 MVA to 2x3.15 MVA, 33/11 kV S/S at Kangpokpi,	
7	Senapati District under IPDS on turn key basis. (Supply & Erection).	1.42
	Augmentation of 33/11 kV Sub Station (from1x5 MVA to 2x5 MVA, 132/33 kV S/S at Karong, Senapati	
8	District under IPDS on turn key basis.	1.42
9	O & M of 132 KV DC TL from Yaingangpokpi to Kakching (Loc no. YK 1 to Loc No. YK 45)	1.01
10	Const.of 1 no. of line bay 33/11 KV Sub Station Utlou(Nambol) on turn key basis	1.04
11	Equip-Supply 145 KV Bushing 20 MVA Power Trans. (Capex)	0.10
12	Internal Electrification Installation, O&M (Opex)	0.06
13	Internal Electrification Installation, O&M (Opex)	0.02
14	Internal Electrification Installation, O&M (Opex)	0.11
15	Internal Electrification Installation, O&M (Opex)	0.11
16	Internal Electrification Installation, O&M (Opex)	0.11
17	Internal Electrification Installation, O&M (Opex)	0.11
18	SF6 CYLINDER GAS (Opex)	0.05
19	SF6 CYLINDER GAS (Opex)	0.05
20	SF6 CYLINDER GAS (Opex)	0.05

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		Annexure - 1
21	SF6 CYLINDER GAS (Opex)	0.05
22	SF6 CYLINDER GAS (Opex)	0.05
23	SF6 CYLINDER GAS (Opex)	0.05
24	Total Capitalization during FY 2021-22	543.86

Capitalization during the FY 2022-23 (Rs. Cr.)

SI. No.	Name of Work	Name of Firm	Work order no. and Date	Capitalization of FY 2022-23
1	Installation of 2X5 MVA,33/11KV SS along with the associated 33KV line and related civil works at Ibudhou Marjing, Imphal East District on TKB.	T & T Projects Limited.	4/5/IBMRJ(IE)/33KVSS/2018- MSPCL(PURCH)/2696-97 Dated: 14/01/2021	10.16
2	1 11k Engineering 1		4/10M(DI)/132KV/YKLINE/ 2021/MSPCL(PURCH)/865-75 Dated: 30th July,2021	1.03
3	Installation of 2X5 MVA,33KV SS (Formerly 1X3.15MVA 33KV SS) along with the associated 33KV line and related	M/S Techno Power	4/50/33KV/SS- LINE/HEIROK(IPDS)/2015- MSPCL(PURCH)/5355-66	4.66
3	civil works at Heirok,Thoubal District under IPDS on TKB.	Enterprises (P) LTD.	4/50/33KV/SS- LINE/HEIROK(IPDS)/2015- MSPCL(PURCH)/5357-78	4.21
	Installation of 2X5MVA 33KV SS (formerly 1X3.15MVA	M/S Techno Power	4/48/33KV/SS- LINE/WANGJING(IPDS)/201 5-MSPCL(PURCH)/5331-42 Dated: 30/3/2019	5.27
4	33KV line and related civil works at Wangjing, Thoubal District, Manipur under IPDS on TKB.	Enterprises (P) LTD.	4/48/33KV/SS- LINE/WANGJING(IPDS)/201 5-MSPCL(PURCH)/5343-54 Dated: 30/3/2019	4.06
5	Augmentation of Rengpang 132/33KV SS by installing 3X4.16 MVA, 132/33KV Single Phase transformer on TKB.	Shyama Power India Limited	4/MSPCL/132/33KV/SS/REN GPANG(PURCH)/4170 Dated: 23/01/2019	12.63
6	Operation & Maintenance of 132KV S/C transmission line 1 from Kakching to Churachandpur (Sh. Replacement of old insulators in between location no. 1 to 45)	Dk Engineering Works	4/3/OM(KC- LINE)/132KV/2021/MSPCL (PURCH)/1529-39 Dated: 22/12/2021	1.10

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				Annexure - 1
7	Renovation and Upgradation of Grid SS of MSPCl under P	M/S Scope T&M Private Limited	4/121/DIANO/TOOL/2017- MSPCL(PURCH)/4489-501 Dated: 30/11/2017	9.55
8	Renovation and Upgradation of Grid SS of MSPCl under P	M/S Shyama Power India Limited	4/135/R&M-PSDF/2017- MSPCL(PURCH)/5447-56 Dated: 31/03/2019	39.90
9	Total Capitalization du	ring FY 2022-23	,,	92 57

Capitalization during the FY 2023-24 (Rs. Cr.)

Sl.no.	Particulars	Capitalization of FY 2023-24
1	Construction of 132 single circuit line(2nd circuit) on Double Circuit towers from Leimatak Power House(NHPC) to 132 KV Sub Station at Ningthoukhong on TKB.	19.44
2	Construction of 132 link transmission line for evacuation of Power from 400/132 KV Sub Station at Thoubal to 132 KV Sub Station at Moreh on the 132 KV line from kakehing to Moreh(ongoing) on TKB.	22.34
3	Expansion/Upgradation of SCADA/EMS SLDC NE Region.	7.04
4	Consultancy fee for maintenance of 2 nos. of 400 KV main bay & 1 no.400 KV line for termination of 400 KV Imphal-Thoubal 1 No. 400 KV tie bay for termination of 400 KV Imphal_Thoubal #2 transmission line(line owned by MSPCL) at Power Grid Imphal Substation.	5.05
5	O & M of 132 KV DC TL from Yurembam to Yaingangpokpi (LOC No.1 to LOC No.45).	1.07
0	O & M of 132 KV DC TL from Kakching to Churachandpur (LOC No.KC 46 to KC 90).	0.95
7	O & M of 132 KV DC TL from Yaingangpokpi to Kakching (LOC No.YK 91 to YK 135).	1.10
8	Replacement of Poles, insulators, condutors and associated line materials of 33 KV line from Irilbung to Thoubal Khunou on TKB.	1.10
	33 kV Line on steel tubular poles from 33 kV Tamenglong S/S to 33 kV Tamei S/S.	7.80

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10	Stringing of 33 kV line from 132 kV Rengpang S/S to 33 kV Noney S/S.	7.67
11	Reconductoring Of 33 kV Line from Karong to Nilakuthi	57.98
12	Installation of 2*5 MVA 33/11 KV sub-station with ssociated 33 kv line at Power House site of Loktak Down Stream HE Project (NEC)	14.84
13	Instllation of 33/11 kv sub-station at Paoyi at Ukhrul	9.15
14	Installation of 2*5 MVA 33/11 KV sub-station along with associated 33kv line & related civil works at Thuyeng , Ukhrul district	14.03
15	Installation of 2*5 MVA 33/11 KV sub-station along with associated 33 KV line & related civil works at Chingai, Ukhrul district	12.62
16	Installation of 2*5 MVA 33/11 KV sub-station along with associated 33kv line & related civil works at Kachai , Ukhrul district	11.24
17	Installation of 2*5 MVA, 33/11 kv sub-station along with associated 33kv line & related civil works at Sanakeithel, Ukhrul district	
18	Installation of new 33/11 kv sub-station along with associated 33kv line at Akampat , Imphal East	9.59
19	Installation of 2*5 MVA, 33/11 kv sub-station along with associated 33kv line & related civil works at Liyai Khunou , Senapati district	11.27
20	Installation of 2*5 MVA, 33/11 kv sub-station along with associated 33kv line & related civil works at Nambashi , Ukhrul district	11.93
21	Installation of 2*5 MVA, 33/11 kv sub-station along with associated 33kv line & related civil works at Khongjaron , Tamenglong district	7.69
22	Installation of 2*5 MVA, 33/11 kv sub-station along with associated 33kv line & related civil works at Somdal , Ukhrul District	10.56

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23	Installation of 2*5 MVA, 33/11 kv SS at Joujangtek, Noney district	14.00
24	Installation of 2*5 MVA, 33/11 kv SS at Oinam, Senapati district	13.31
25	Installation of 2*5 MVA, 33/11 kv SS at Gwkhal, Jiribam district	8.76
26	Installation of 2*5 MVA, 33/11 kv SS at Nampisha, Kamjong district	11.93
27	Installation of Reactive power Solution on 33/11 kv SS in Manipur under PSDF	25.55
28	Implementation of Scheduling, Accounting, Metering and Settlement of Transmission in Electricity (SAMAST)- MANIPUR	12.95
29	33kv System Integration with SLDC	24.81
30	Total Capitalization during FY 2023-24	367.15

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Capitalization during the FY 2024-25 (Rs. Cr.)

Sl. No.	Particulars	Capitalization (Rs. Cr.)
1	33kV D/C line on Double Poles from 132 kV Yaingangpokpi S/S to 33 kV Khuman Lampak S/S.	15.38
2	Stringing of 33 kV line from 132 kV Chandel S/S to 33 kV Joupi S/S	6.10
3	Reconductoring Of 33 kV Line Kakching to Kongba via Thoubal	31.92
4	Total Capitalization during FY 2024-25	53.40

Capitalization during the FY 2025-26 (Rs. Cr.)

Sl. No.	Particulars	Capitalization (Rs. Cr.)
1	Stringing of 33 kV line from 33 kV Tousem S/S to 33 kV Oinamlong S/S.	8.98
2	Reconductoring 33 kV lines (Ring Main)	152.03
3	R&M of 33 kV transmission lines	90.80
4	Total Capitalization during FY 2025-26	251.81

Capitalization during the FY 2026-27 (Rs. Cr.)

SI. No.	Particulars	Capitalization (Rs. Cr.)
1	Reconductoring 132 kV lines with associated S/S-Phase(I)	105.17
2	Total Capitalization during FY 2026-27	105.17

Capitalization during the FY 2027-28 (Rs. Cr.)

Sl. No.	Particulars	Capitalization (Rs. Cr.)
1	R&M of 33 kV sub-stations	123.95
2	Reconductoring 132 kV lines with associated S/S-Phase(II)	89.07
3	Reconductoring 132 kV lines with associated S/S-Phase(III)	133.84
4	Total Capitalization during FY 2027-28	346.86

		ASSESSMENT OF N	METERSMAIN, CHECK AND ST	ANDBY METERS	NAME OF STREET		
		FOR THE E	XISTING TRANSMISSION LINES O	F MSPCL			
.NO	NAME OF THE SS	NAME OF LINE (132/33 KV)	ENTITY AT THE OTHER END	NO. OF MAIN METER	NO. OF CHECK METER	NO. OF STANDBY MET	ER REMAR
		1 132 KV IMPHAL -I	PGCIL		NA		
- 1		2 132 KV IMPHAL -II	PGCIL		NA		
		图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图				ALL STREET, ST	3427E
		1 132 KV KARONG	SAME LICENSEE	1	NA	NA NA	
- 1		2 132 KV YAINANGPOKPI-I	SAME LICENSEE		NA	NA	
		3 132 KV YAINANGPOKPI-II	SAME LICENSEE	1	NA	NA	
					Management of the tax to the	SO CONTRACTOR OF THE PARTY OF T	20000000
- 1		1 33 KV IROISEMBA -I	SAME LICENSEE	1	NA NA	NA NA	_
		2 33 KV IROISEMBA -II	SAME LICENSEE		NA NA	NA NA	
1	132/33/11 KV YUREMBAM SS	3 33 KV LEIMAKHONG	SAME LICENSEE		NA NA	NA NA	_
- 1		4 33 KV NONEY	SAME LICENSEE		NA	NA NA	
		5 33 KV MAYANG IMPHAL	SAME LICENSEE		NA	NA NA	
- 1		6 33 KV MONGSANGEI-I	SAME LICENSEE		NA	NA NA	-
- 1		7 33 KV MONGSANGEI-II	SAME LICENSEE	1	NA	NA NA	_
							a latine
- 1		1 33 KV MULTI CKT. NOI	PGCIL		NA		_
- 1		2 33 KV MULTI CKT, NOII	PGCIL	1	NA		
- 1		3 33 KV MULTI CKT. NOIII	PGCIL	1	NA		
		4 33 KV MULTI CKT. NOIV	PGCIL		NA		
				CONTRACTOR OF THE PARTY OF THE		MARKET CONTRACTOR OF SECUL	THE REAL PROPERTY.
		1 132 KV LOKTAK	NHPC			N	
	132/33/11 KV RENGPANG SS	2 132 KV JIRIBAM	SAME LICENSEE		NA	NA	
2					A STATE OF		a subjection
- 1		1 33 KV KHOUPUM	SAME LICENSEE		NA	NA	_
		2 33 KV TAMENGLONG	SAME LICENSEE		NA NA	NA NA	
	A STATE OF THE PARTY OF THE PAR						
		1 132 KV JIRIBAM	PGCIL		NA		
		2 132 KV RENGPANG	SAME LICENSEE	11	NA NA	NA NA	-
3	132/33/11 KV JIRIBAM SS	Months - Electric throughput		A DAMESTICAL			10000
		1 33 KV SHIVAPURIKHAL	SAME LICENSEE	1	NA	NA NA	
		2 33 KV OINAMLONG	SAME LICENSEE	1	NA NA	NA NA	
					EROSES SICURIANTES		
		1 132 KV YAINANGPOKPI	SAME LICENSEE	1	NA	NA NA	_
		2 132 KV KAKCHING/THOUBAL	SAME LICENSEE	1	NA	NA	
				A CAMPAGE OF THE PARTY OF THE P			
4	132/33/11 KV KONGBA SS	1 33 KV KHUMANLAMPAK	SAME LICENSEE	1	NA NA	NA	_
		2 33 KV LANGDUM	MSPDCL	1	NA	1	
		3 33 KV SANGAIPAT	SAME LICENSEE	1	NA	NA	
		4 33 KV MONGSANGEI	SAME LICENSEE	1	NA	NA	
100						374	3000
		1 132 KV YUREMBAM -I	SAME LICENSEE		NA	NA	-
		2 132 KV YUREMBAM -II	SAME LICENSEE		NA NA	NA NA	
		3 132 KV KONGBA	SAME LICENSEE		NA NA	NA NA	-
5	132/33/11 KV YAINAGPOKPI SS	4 132 KV HUNDUNG	SAME LICENSEE	1	NA	NA	-
		A Company of the Comp			NA	NA.	- Marian
		1 33 KV LITAN	SAME LICENSEE	1	NA NA	NA NA	-
		2 33 KV NAPETPALLI	SAME LICENSEE	1	NA	NA NA	
- 50				CONTRACTOR NAME OF STREET			
		1 132 KV YAINANGPOKPI	SAME LICENSEE		NA	NA	
			Page No 134				The same
6	132/33 KV HUNDUNG SS	1 33 KV OUTGOING -I	SAMELICENSE	1	NA	NA	
	LEADS KY HOMBONG 33	2 33 KV OUTGOING -II	SAME LICENSE	1	NA	NA	



2/10/1		ASSESSMENT OF MI	TERS-MAIN, CHECK AND ST	ANDBY METERS			Contemporary Art
		FOR THE EX	ISTING TRANSMISSION LINES O	F MSPCL			
NO	NAME OF THE SS	NAME OF LINE (132/33 KV)	ENTITY AT THE OTHER END	NO. OF MAIN METER NO	O. OF CHECK METER	NO. OF STANDBY METI	ER REMAI
		3 33 KV OUTGOING -III	SAME LICENSE	I	NA	NA	
		4 33 KV OUTGOING -IV	SAME LICENSE	1	NA	NA	
	THE WASHINGTON TO SEE			A STATE OF THE STA	del		
		1 132 KV YUREMBAM	SAME LICENSEE		NA NA	NA	
- 1		2 132 KV KOHIMA	SAME LICENSEE		NA	NA	
7	132/33/11 KV KARONG SS				delinerale		
		1 33 KV MARAM	SAME LICENSEE	1	NA	NA	
		2 33 KV KANGPOKPI/MAYANGKHANG	SAME LICENSEE	1	NA	NA NA	State of the last
						THE RESIDENCE OF THE PARTY OF T	
		1 132 KV LOKTAK	NHPC		N/A		_
- 1		2 132 KV IMPHAL	PGCIL		NA NA	NA.	
		3 132 KV CCPUR -I	SAME LICENSEE		NA NA	NA NA	-
8	132/33/11 KV NINGTHOUKHONG SS	4 132 KV CCPUR -II	SAME LICENSEE		NA	NA NA	
- 1		III NOVEMBER DE LES CONTRACTORS DE LA CONTRACTOR DE LA CO	SINE LIGINARY	BETHER RES SOURING	NA	NA.	
		1 33 KV MOIRANG	SAME LICENSEE	1	NA NA	NA NA	-
_		2 33 KV BISHNUPUR	SAME LICENSEE	l e	NA	NA NA	NAME OF TAXABLE PARTY.
	AND THE RESIDENCE TO A SECURITY OF THE SECURIT			STATE OF THE PARTY	SECONOMICS NAMED IN	NA.	Ser March
		1 132 KV NINGTHOUKHONG -I	SAME LICENSEE		NA NA	NA NA	+
		2 132 KV NINGTHOUKHONG -II	SAME LICENSEE		NA NA	NA NA	-
- 1		3 132 KV ELANGKANGPOKPI	SAME LICENSEE	1	NA NA	NA	
9	132/33/11 KV CCPUR SS		C. LIE LIGENIANE		NA	NA	
1		1 33 KV SANGAIKOT	SAME LICENSEE		NA NA	NA NA	-
- 1		2 33 KV THINKEU	SAME LICENSEE		NA NA	NA NA	-
- 1		3 33 KV NEW LAMKA	SAME LICENSEE		NA NA	NA NA	
_		4 33 KV MOIRANG	SAME LICENSEE		NA NA	NA NA	NAME OF TAXABLE PARTY.
		A LOS MAY COM IN	CAMELIGENEEE	Something was a large based and	NA	NA	
		1 132 KV CCPUR	SAME LICENSEE		NA NA	NA NA	-
		2 132 KV KAKCHING	SAME LICENSEE	CONTRACTOR OF THE PARTY OF THE	NA .	100	E SUN
0	132/33 KV ELANGKANGPOKPI SS	1 33 KV NEW CHAYANG	SAME LICENSEE	THE CONTRACT OF THE CONTRACT O	NA	NA	
		2 33 KV SEKMAUING	SAME LICENSEE		NA NA	NA NA	
- 1		3 33 KV OUTGOING -I	SAME LICENSEE		NA NA	NA NA	_
		3 33 KV OUTGOING -I	SAME LICENSEE	SALIDIO DE LA CALIFORNIA CON	157	CONTROL OF MALES	SE USEULO
-		1 132 KV ELANGKANGPOKPI	SAME LICENSEE	1	NA	NA	
- 1		2 132 KV CHANDEL	SAME LICENSEE	- i -	NA NA	NA.	
		2 132 KV THOUBAL	SAME LICENSEE	i	NA NA	NA NA	
- 1		2 132 KV THOUBAL	SAME LICE SEE				
11	132/33/11 KV KAKCHING SS	1 33 KV MAHADEV	MSPDCL	1	NA		
		2 33 KV MACHI	SAME LICENSEE	i	NA NA	NA	_
- 1		3 33 KV MACHI	SAME LICENSEE	i	NA NA	NA	
- 1		4 33 KV WANGJING	SAME LICENSEE	i	NA	NA NA	
00000		4 33 KV WANGING	OAME EICE SEE	MICH SURFICE STREET	CELLUL DISCUSSION STREET	District Control of Control	THE REPORT
		1 132 KV KAKCHING	SAME LICENSEE		NA	NA	
		I I I I I I I I I I I I I I I I I I I	STATE LICENSED	PORTOR OF THE PROPERTY OF		Design No. 1 and 1 and 1 and 1	60 BATTA
12	132/33/11 KV CHANDEL SS	1 33 KV OUTGOING -I	SAME LICENSEE	1	NA	NA	
12	132/33/11 KY CHANDEL 33	2 33 KV OUTGOING -I	SAME LICENSEE	1	NA NA	NA NA	
		3 33 KV OUTGOING -III	SAME LICENSEE		NA NA	NA NA	
		3 A OUROLIO III	OF THE EIGHT SEE			SERVICE CONTRACTOR	
-		1 132 KV KAKCHING	SAME LICENSE		NA	NA	
		2 132 KV KONGBA	SAME EICENSE 135	1	NA NA	NA.	
		E 132 KT RONGBA				THE SHE STATE IN	
13	132/33 KV THOUBAL SS	1 33 KV OUTGOING -1	SAME LICENSE	1	NA	NA	



		ASSESSMENT OF MET	ERSMAIN, CHECK AND S	TANDBY METERS			
		FOR THE EXIS	TING TRANSMISSION LINES	OF MSPCL			
NO	NAME OF THE SS	NAME OF LINE (132/33 KV)	ENTITY AT THE OTHER EN	NO. OF MAIN METER			REMAR
		2 33 KV OUTGOING -II	SAME LICENSE	1	NA	NA.	-
- 1		3 33 KV OUTGOING -III	SAME LICENSE	11	NA	NA	-
		4 33 KV OUTGOING -IV	SAME LICENSE	1	NA	NA	-
120			A STATE OF THE STA	ALL SAN WARREN			
\neg		1 33 KV YUREMBAM -I	SAME LICENSE		NA	NA	
- 1		2 33 KV YUREMBAM -II	SAME LICENSE		NA	NA NA	
. I	ATTILL VALUE OF THE ATTACK	3 33 KV LAMPHEL	SAME LICENSE	1	NA	NA	
14	33/11 KV IROISEMBA SS	4 33 KV KHUMAN LAMPAK	SAME LICENSE	1	NA	NA	
- 4		5 33 KV LEIMAKHONG -I	SAME LICENSE	1	NA	NA	
- 1		6 33 KV LEIMAKHONG -II	SAME LICENSE	1	NA	NA	
100	AND THE RESIDENCE OF THE PARTY						
15	33/11 KV NONEY SS	1 33 KV YUREMBAM	SAME LICENSE		NA	NA	
100	SSITE CONTROLLED			724		State of the second	
16	33/11 KV LAMPHEL SS	1 33 KV IROISEMBA	SAME LICENSE	1	NA	NA	
10	33/11 KV LAMITHEL 33	1 33 KV IKOISENIDA	STUTE ELECTRON	A CONTRACTOR OF THE PARTY OF TH		Registration of the second	8 DESCRIPTION OF THE PERSON OF
		1 33 KV IROISEMBA	SAME LICENSE	1	NA	NA	1
		2 33 KV MANTRIPUKRI	SAME LICENSE	i i	NA NA	NA NA	1
	TALL MILWIP BAARLE ANDAW CC		SAME LICENSE	i i	NA NA	NA NA	1
17	33/11 KV KHUMAN LAMPAK SS	3 33 KV KANGLA / IMPHAL POWER HOUSE		'	NA NA	NA NA	+
		4 33 KV KONGBA	SAME LICENSE	 	NA NA	NA NA	+
_		5 33 KV CHINGAREL	SAME LICENSE		NA NA	, NA	
			A LANGE OF THE STATE OF THE STA	50%	<u> </u>	317	-
18	33/11 KV KANGLA SS	1 33 KV KHUMAN	SAME LICENSE		NA	NA NA	+
1.0	33/ 11 KV KANGLA 33	2 33 KV IMPHAL POWER HOUSE	SAME LICENSE		NA NA	NA	
31				STATE OF THE STATE OF			
19	33/11 KV IMPHAL POWER HOUSE	1 33 KV KANGLA	SAME LICENSE	1	NA NA	NA NA	
37 37	Control of the second of the second					Description of the Control of the Co	
20	33/11 KV MANTRIPUKHRI SS	1 33 KV KHUMAN	SAME LICENSE	1	NA NA	NA	_
20	33/11 KV MANTRI OKIRI 33	2 33 KV NILAKUTHI	SAME LICENSE	1	NA NA	NA NA	
505	SOURCE THE STATE OF THE SECOND					THE STATE OF THE S	
	22 II WIND A RITTURE	1 33 KV LEIMAKHONG	SAME LICENSE	1	NA	NA	
21	33/11 KV NILAKUTHI SS	2 33 KV KHUMAN	SAME LICENSE	1	NA	NA.	
0.000	MEMORY ENGLAND OF STREET		A TANK A SAME A FAME				
		1 33 KV YUREMBAM (PG)	PGCIL	1	NA		
22	33/11 KV SANGAIPROU SS	2 33 KV AIRPORT	SAME LICENSE	1	NA	NA	
1994	NOT THE RESERVE OF THE PROPERTY OF THE PROPERT				5925 W G V 674	TO A PARTY OF THE	a Distance
-		1 33 KV YUREMBAM (PG)-I	PGCIL		NA		
		2 33 KV YUREMBAM (PG)-II	PGCIL		NA		
23	33/11 KV MONGSANGEI SS	3 33 KV KONGBA	SAME LICENSE		NA	NA	
		4 33 KV KAKWA	SAME LICENSE	1	NA	NA	
	CANADA CONTRACTOR OF THE STREET	4 JORY KAKUA	DAME DECIMAL	The state of the s		RULE LA CONTRACTOR	STREET
24	22/11/47/44/4/4 66	1 33 KV MONGSANGEI	SAME LICENSE	1	NA	NA	
24	33/11 KV KAKWA SS	1133 KV MONGSANGET	DISTRICTION OF THE PROPERTY OF	A SECTION OF THE SECT			
1000		1 33 KV GENEL	SAME LICENSE	1	NA	NA NA	
	22 II I WALL A MCDONDE CO		SAME LICENSE	1	NA NA	NA NA	+
25	33/11 KV KANGPOKPI SS	2 33 KV LEIMAKHONG		<u> </u>	NA NA	NA NA	_
_		3 33 KV KARONG/MAYANGKHANG	SAME LICENSE		NA NA	INA	1 CENTER
			2.115 (107) (25				27.75
26	33/11 KV GENEL SS	1 33 KV KANGPOKPI	SAME LICENSE	1	NA NA	NA NA	+
-0 M	2211111 (101100 00	2 33 KV TAMEI	SAME LICENSE	1	NA	NA	F2 (10 (10 (10 (10 (10 (10 (10 (10 (10 (10
Barrier.			La de la companya de	Secretary Andrews		n to a Strict of the strict of	E ESSENIE
27	33/11 KV TAMEI	1 33 KV GENEL	SPAGEONIE-136	1	NA NA	NA NA	
7000							E HE SHA



			CTERS-MAIN, CHECK AND ST	A SHIP OF THE RESIDENCE OF THE PARTY OF THE	n eus an earlier an earlier		
			ISTING TRANSMISSION LINES O		o or curey weren	NO OF CTANDRY METER	DEMARK
L.NO	NAME OF THE SS	NAME OF LINE (132/33 KV)	SAME LICENSE	NO. OF MAIN METERN	NA NA	NA NA	REMARK
100000	CAT HIS ACTION AND ADDRESS OF THE COLUMN AND	2 33 KV SEKMAI	SAME LICENSE	SOURCE CONTRACTOR			E-350
200000		1 33 KV GAMPHAZOL	SAME LICENSE	1	NA	NA	Carrie Meditor
29	33/11 KV SEKMAI SS	2 33 KV LEIMAKHONG	SAME LICENSE	1	NA	NA	
100	《杂号记》 经正常公共方案				1000年3月15日		
		1 33 KV SEKMAI	SAME LICENSE		NA	NA NA	
30	33/11 KV LEIMAKHONG SS	2 33 KV NILAKUTHI	SAME LICENSE		NA	NA NA	-
	33/11 KV LLIM/KBIO/KI	3 33 KV IROISEMBA (VIA HEAVY FUEL)	SAME LICENSE	1	NA NA	NA NA	
		4 33 KV YUREMBAM	SAME LICENSE		NA	NA CONTRACTOR	RESERVANCE.
		1 33 KV KARONG	SAME LICENSE		NA	NA.	-
- 1		2 33 KV LAKHAMAI	SAME LICENSE		NA	NA	
31	33/11 KV MARAM SS	3 33 KV TADUBI	SAME LICENSE	i	NA	NA	
		4 33 KV WILLONG	SAME LICENSE	1	NA	NA	
20000	Market a service of the Bogster						
32	33/11 KV LAKHAMAI SS	1 33 KV MARAM	SAME LICENSE		NA	NA	
962 10	A CONTRACTOR OF THE PARTY OF TH			这个人的一个人的			
33	33/11 KV TADUBI SS	1 33 KV MARAM	SAME LICENSE		NA	NA	
33	33/11 KV TADOBI 33	2 33 KV MAO	SAME LICENSE	1	NA NA	NA NA	
		1 图		SERVICE AND RESIDENCE	NA.	CONTRACT LINES	
34	33/11 KV MAO SS	1 33 KV TADUBI	SAME LICENSE		NA	NA NA	
Open a		I I S PAN MARAN	SAME LICENSE		NA	NA	
35	33/11 KV WILLONG SS	1 33 KV MARAM	SAME LICENSE		ESCHOOL SERVE	May a law a sale a law a law a	TENTO II
200		1 33 KV YAINANGPOKPI	SAME LICENSE		NA	NA	
36	33/11 KV NAPETPALLI SS	2 33 KV SAGOLMANG	SAME LICENSE	1	NA	NA	
-	20011 127 171 18 18 18 18 18 18 18 18	3 33 KV CHINGAREL	SAME LICENSE	1	NA	NA	
SWE S							
	AND THE CONTROL DEL CC	1 33 KV NAPETPALLI	SAME LICENSE	1	NA	NA	
37	33/11 KV CHINGAREL SS	2 33 KV KHUMAN	SAME LICENSE	1	NA NA	NA NA	-
188	增强的原则 。						
38	33/11 KV SAGOLMANG SS	1 33 KV NAPETPALLI	SAME LICENSE	1	NA NA	NA NA	-
	3377711 3713 221311 3713	2 33 KV SAIKUL	SAME LICENSE		NA CONTRACTOR OF THE PARTY OF T	NA	SECTION AND ADDRESS OF THE PARTY OF THE PART
200	2011 FUG 1991 7 66	1122 VV SACOLMANG	SAME LICENSE	1	NA	NA NA	Contract of the Contract of th
39	33/11 KV SAIKUL SS	1 33 KV SAGOLMANG	SAME LICENSE		THE PARTY OF THE P		EU/COST
40	33/11 KV LITAN SS	1 33 KV YAINANGPOKPI	SAME LICENSE		NA	NA	
40	33/11 KV EITAN 33	T STRY TRIPARIOR COST		CONTRACTOR MERCANICS			
-	200100-000-000-000-000-000-000-000-000-0	1 33 KV LITAN	SAME LICENSE	1	NA	NA	1
41	33/11 KV HUNDUNG SS	2 33 KV KAMJONG	SAME LICENSE	1	NA	NA	
		3 33 KV UKHRUL KHUNJAO	SAME LICENSE		NA	NA	
19V							0.2
42	33/11 KV UKHRUL KHUNJAO SS	1 33 KV HUNDUNG	SAME LICENSE	1	NA NA	NA NA	
14	Jan 11 KV OKIKOL KITOTOAO 33	2 33 KV TOLLOI	SAME LICENSE		NA NA	NA NA	
	Market Market Control of the Control			(4.00)	N/A	NA NA	
43	33/11 KV TOLLOI SS	1 33 KV UKHRUL KHUNJAO	SAME LICENSE		NA NA	NA NA	
		2 33 KV NAMERI	SAME LICENSE		100	NA .	
000		1122 KV TOLLOI	SAME LICENSE		NA	NA	
44	33/11 KV NAMREI SS	1 33 KV TOLLOI 2 33 KV JESSAMI	SANGENOE-137	1	NA NA	NA NA	
#270 H	A STATE OF THE STA	2 JOS KY JESSAWI	Tage 13/	EN VANSESSE TO DE	1081		12/2007
45	33/11 KV JESSAMI SS	1 33 KV NAMREI	SAME LICENSE		NA	NA	



	ASSESSMENT OF METERS—MAIN, CHECK AND STANDBY METERS FOR THE EXISTING TRANSMISSION LINES OF MSPCL NAME OF THE SS NAME OF LINE (132/33 KV) ENTITY AT THE OTHER ENTINO. OF MAIN METER NO. OF CHECK METER NO. OF STANDBY METER REMARKS									
					Sied and the second	NO OF STANDAY METER	DEMARK			
L.NO	NAME OF THE SS	NAME OF LINE (132/33 KV)	ENTITY AT THE OTHER END	O. OF MAIN METER NO	O. OF CHECK METER	NO. OF STANDBY METER	REMARK			
46	33/I1 KV KAMJONG SS	1 33 KV HUNDUNG	SAME LICENSE		NA	NA NA				
		L 12 KV KONGRA	MSPCL		NA	NA				
47	33 /11 KV LANGDUM SS (MSPDCL)	1 33 KV KONGBA 2 33 KV USOIPOKPI	MSPCL	1	NA	ı				
48	33/11 KV USOIPOKPI SS	1 33 KV LANGDUM	SAME LICENSE		NA NA	NA				
194			GAME LIGINIES		NA	NA				
49	33/11 KV SANGAIPAT SS	1 33 KV KONGBA 2 33 KV JNIMS	SAME LICENSE SAME LICENSE	1	NA NA	NA.				
50	33 /11 KV JNIMS SS	1 33 KV SANGAIPAT	SAME LICENSE		NA	NA				
30	33/11 KV JNIM3 33	1 JOS RV SANGALI XI		THE PARTY OF THE P						
51	33 /11 KV KHONGJOM SS	1 33 KV KAKCHING	SAME LICENSE		NA	NA NA				
21	33/11 KV KHONGJOM 55	2 33 KV WANGJING	SAME LICENSE		NA	NA NA	5000000			
		1 33 KV KHONGJOM	SAME LICENSE	SALE TO A SALE OF THE SALE OF	NA	NA				
52	33/11 KV WANGJING SS	2 33 KV THOUBAL	SAME LICENSE	1	NA	NA				
1600	The state of the s		CAME I (CINICE		NA	NA	0257.000			
53	33/11 KV THOUBAL SS	1 33 KV WANGJING 2 33 KV THOUBAL LEISANGTHEM	SAME LICENSE SAME LICENSE	i	NA NA	NA NA				
54	33/11 KV THOUBAL LEISANGTHEM SS	1133 KV THOUBAL	SAME LICENSE		NA	NA				
54	33/11 KV THOUBAL LEISANGTHEM 33	The state of the s								
55	33/11 KV MACHI SS	1 33 KV KAKCHING	SAME LICENSE		NA	NA NA				
56	33/11 KV MAHADEV SS (MSPDCL)	1 33 KV KAKCHING	MSPCL		NA					
			SAME LICENSE		NA	NA NA				
57	33/11 KV TENGNOUPAL SS	1 33 KV KAKCHING 2 33 KV MOREH	SAME LICENSE	1	NA NA	NA NA				
38	A Committee of the Comm		CAME LICENSE		NA	NA				
58	33/11 KV MOREH SS	1 33 KV TENGNOUPAL	SAME LICENSE		NA NA	TO SERVICE STATE OF THE SERVIC				
		1 33 KV ELANGKANPOKPI	SAME LICENSE		NA	NA NA				
59	33/11 KV SEKMALJING SS	2 33 KV MAYANG IMPHAL	SAME LICENSE		NA	NA NA				
3		1 33 KV SEKMAUING	SAME LICENSE	i	NA	NA NA				
60	33/11 KV MAYANG IMPHAL SS	2 33 KV IOCL MALOM	SAME LICENSE	1	NA	NA				
	NO STATE OF THE PARTY OF THE PA	1 33 KV ELANGKANGPOKPI	SAME LICENSE	ST COLUMN CONTRACTOR	NA	NA				
61	33/11 KV NEW CHAYANG SS	33 KV SUGUNU	SAME LICENSE	1	NA	NA NA				
775		1 33 KV NEW CHAYANG	SAME LICENSE		NA	NA				
62	33/11 KV SUGUNU SS	2 33 KV CHAKPIKARONG	SAME LICENSE	1	NA	NA NA	-5.02-0			
		1 33 KV SUGUNU	SAME LICENSE		NA	NA				
63	33/11 KV CHAKPIKARONG SS	2 33 KV JOUPI	MSPDCL	1	NA	1				
64	33/11 KV JOUPI SS (MSPDCL)	1 33 KV CHAKPIKARONG	MSPCL		NA.	NA				
5527	22.11 K.17001133 (M3.18CE)	E PERSONAL PROPERTY.	Page No 138	Projection is the last of the	BESTELL TO THE STATE OF					
65	33/11 KV NEW LAMKA SS	1 33 KV CCPUR	SAMELICENSE		NA NA	NA NA				
1660	COLUMN TO A STREET LICENSESS AND	2 33 KV SINGHAT	SAME LICENSE	1	NA.	INA				



######						Annexure - I	
		ASSESSMENT OF N	IETERS-MAIN, CHECK AND	STANDBY METERS			
		FOR THE E	XISTING TRANSMISSION LINE				
SL.NO	NAME OF THE SS	NAME OF LINE (132/33 KV)	ENTITY AT THE OTHER E	NDNO. OF MAIN METER	NO. OF CHECK METER	NO. OF STANDBY METE	R REMARKS
66	33/11 SINGHAT SS	1 33KV NEW LAMKA	SAME LICENSE		NA NA	NA NA	
67	33/11 KV MOIRANG SS	1 33 KV CCPUR 2 33 KV MOIRANG KHUNOU	SAME LICENSE SAME LICENSE	1	NA NA	NA NA	
68	33/11 KV MOIRANG KHUNOU SS	1 33 KV MOIRANG	SAME LICENSE		NA NA	NA NA	
69	33/11 KV SANGAJKOT SS	1 33 KV CCPUR	SAME LICENSE		NA NA	NA	
70	33/11 KV THINKEW	1 33 KV HENGLEP 2 33 KV THANLON	SAME LICENSE SAME LICENSE	1 1	NA NA	NA NA	
71	33 /11 KV HENGLEP SS	1 33 KV THINKEW 2 33 KV PHERJAWL	SAME LICENSE MSPCDL	1	NA NA	NA I	
72	33/11 KV THANLON SS	1 33 KV THINKEW 2 33 KV SINJAWL	SAME LICENSE SAME LICENSE	1	NA NA	NA NA	
73	33/11 KV SINJWAL	1 33 KV THANLON	SAME LICENSE		NA	NA	
74	33 /11 KV KHWAIRAKPAM SS	1 33 KV NINGTHOUKHONG 2 33 KV UTLOU	SAME LICENSE SAME LICENSE	1	NA NA	NA NA	
75	33/11 KV UTLOU SS	1 33 KV KHWAIRAKPAM	SAME LICENSE		NA	NA	
76	33/11 KV KHOUPUM SS	1 33 KV RENGPANG	SAME LICENSE		NA	NA	
77	33/11 KV TAMENGLONG SS	1 33 KV RENGPANG 2 33 KV TOUSEM	SAME LICENSE SAME LICENSE	1	NA NA	NA NA	
78	33/11 KV TOUSEM SS	1 33 KV TAMENGLONG	SAME LICENSE		NA NA	NA NA	
79	33/11 KV SHIVAPURIKHAL SS	1 33 KV JIRIBAM	SAME LICENSE		NA	NA.	
80	33/11 KV OINAMLONG SS	1 33 KV JIRIBAM	SAME LICENSE		NA	NA	
81	33/11 KV MAYNAGKHANG SS	1 33 KV KARONG 2 33 KV KANGPOKPI	SAME LICENSE SAME LICENSE	1	NA NA	NA NA	

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Annexure - II

			FOR THE EXISTING TRANSFG	DRMERS OF MSPCL		
-			TRANSFORMER	NO OF MAIN METER		NO. OF STANDBY
SL.NO	NAME OF THE SS	VOLTAGE LEVEL	CAPACITY OF TRANSFORMER	(ON HIGH VOLTAGE SIDE)	NO. OF CHECK METER	METER (ON LOW VOLTAGE SIDE)
+		132/33 KV	31.5 MVA	_	NA	-
		112/11 KV	31.5 MVA	1	ΑX	-
		132/33 KV	31.5 MVA	-	NA	-
_	YUREMBAM	33/11 KV	5 MVA	_	NA	1
		33/11 KV	10 MVA	-	NA	-
		33/11 KV	S MVA	_	NA	-
		132/33 KV	20 MVA		NA	
		132/33 KV	20 MVA	1	NA	
2	YAINGANPOKPI	132/33 KV	20 MVA		NA	
		33/11 KV	3.15 MVA		NA	
-		132/33 KV	20 MVA	1	NA	-
,	Choose	132/33 KV	20 MVA	1	NA	-
-	NAKONG	33/11 KV	5 MVA	-	AN.	-
-		33/11 KV	5 MVA	1	AN	-
	O'MANDE ON THE OWNER OF THE OWNER OWNE	132/33 KV	12.5 MVA		NA.	
4	HUNDUNG	132/33 KV	12.5 MVA		NA	
-		132/33 KV	20 MVA	-	Y.V	-
	AGOMON	132/33 KV	20 MVA	1	NA	-
0	NONGBA	33/11 KV	10 MVA	1	NA	_
		33/11 KV	10 MVA	1	NA	-
	TA OFFICE AND A P.	132/33 KV	20 MVA	1	NA	
9	THOUBAL	132/33 KV	20 MVA	1	NA	
-		132/33 KV	20 MVA	1	NA	-
		132/33 KV	20 MVA	1	NA	-
7	KAKCHING	33/11 KV	5 MVA	1	NA	_
_		33/11 KV	SMVA	1	NA	_
		132/33 KV	12.5 MVA		NA	
		132/33 KV	12.5 MVA	The state of the s	NA	1 200
· ·	CHANDEL	33/11 KV	5 MVA		NA	
		33/11 KV	S MVA		NA	
-		132/33 KV	20 MVA	1	NA	_
	in the state of th	132/33 KV	20 MVA	1	NA	-
6	ELANGKANGPOKFI	33/11 KV	5 MVA	1	NA	_
		33/11 KV	5 MVA	1	NA	_
177		132/33 KV	20MVA		NA	
		132/33 KV	20 MVA		NA	

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40.00			
An	nexi	ire .	- н

		ASSI	ESSMENT OF METERS MAIN, CH			54.00
			FOR THE EXISTING TRANSFO	DRMERS OF MSPCL		
L.NO	NAME OF THE SS	VOLTAGE LEVEL	TRANSFORMER CAPACITY OF TRANSFORMER	NO. OF MAIN METER (ON HIGH VOLTAGE SIDE)	NO. OF CHECK METER	NO. OF STANDBY METER (ON LOW VOLTAGE SIDE)
		33/11 KV	5 MVA		NA NA	1 1 1 1 1
80		33/11 KV	5 MVA	income in the second	NA NA	1
		132/33 KV	20 MVA	1	NA	1
		132/33 KV	20 MVA	1	NA	1
11	NINGTHOUKHONG	33/11 kv	3.15 MVA	1	NA	1
- 1		33/11 kv	3.15MVA	1	NA	1
		132/33 KV	12.5 MVA	DESCRIPTION OF THE PROPERTY OF	NA NA	1
12	RENGPANG	33/I1 KV	3,15 MVA		NA NA	
10000		132/33 KV	20 MVA	1	NA	1
		132/33 KV	6.3 MVA	1	NA	1
13	JIRIBAM	33/11 KV	5 MVA	i	NA	1
		33/11 KV	5 MVA	1	NA	1
		33/11 KV	5 MVA	100000	NA NA	1
	IROISEMBA	33/11 KV	10 MVA	1	NA NA	1
	IROISEMBA	33/11 KV	10 MVA		NA NA	1
14		33/11 KV	10 MVA	i i	NA	1
	LAMPHEL	33/11 KV	10 MVA	i	NA NA	1
15	MONTH	33/11 KV	3.15 MVA		NA NA	1
16	NONEY	33/11 KV	5 MVA	1	NA	1
			5 MVA	i i	NA	1
17	KHUMAN	33/11 KV	5 MVA	1	NA	1
		33/11 KV	5 MVA	 	NA	1
		33/11 KV	5 MVA		NA NA	
18	KANGLA	33/11 KV	5 MVA		NA	1
- 1	n must bowen house	33/11 KV	5 MVA	i	NA	1
	IMPHAL POWER HOUSE	33/11 KV	5 MVA	i	NA	1
19		33/11 KV	I MVA		NA NA	
	AIRPORT	33/11 KV	1 MVA		NA	
20		33/11 KV	10 MVA	1	NA	I
170000	SANGAIPROU	33/11 KV	10 MVA	i	NA NA	1
21		33/11 KV	2.5 MVA	i i i i i i i i i i i i i i i i i i i	NA	THE PARTY OF THE P
	MALOM	33/11 KV	2.5 MVA		NA NA	1
22	NAME OF TAXABLE PARTY.	33/11 KV	10 MVA	I	NA NA	i
23	MONSANGEI	33/11 KV		1	NA NA	i
		33/11 KV	10 MVA 5 MVA	MECHANICS LANGUAGE	NA NA	
	KAKWA	33/11 KV		1	NA NA	REPORTED TO
24		33/11 KV	5 MVA	ROUGHSY OF HE OF ASSET LANGUAGES	NA NA	l l
	SANGAIPAT	33/11 KV	10 MVA	1	NA NA	i
25	8070-7070000	33/ 11 KV	10 MVA		NA NA	
	INTIMO	33/11 KV	5 MVA Page N	0 141	INA	

Annexure - II

		ASSI	SSMENT OF METERS—MAIN, CH	HECK AND STANDBY METERS		
			FOR THE EXISTING TRANSFO	ORMERS OF MSPCL		
SL.NO	NAME OF THE SS	VOLTAGE LEVEL	CAPACITY OF TRANSFORMER	NO. OF MAIN METER (ON HIGH VOLTAGE SIDE)	NO. OF CHECK METER	NO. OF STANDBY METER (ON LOV VOLTAGE SIDE)
26	SIMINO	33/11 KV	5 MVA		NA NA	reverse to 1 and a
27	TAMENGLONG	33/11 KV	3.15 MVA	1	NA	1
28	TOUSEM	33/I1 KV	I MVA		NA	STATE OF LAND
29	SHIVPURIKHAL	33/11 KV	3.15 MVA	1	NA	1
THE PARTY OF	MATERIAL PROPERTY AND ASSESSED.	33/11 KV	2.5 MVA	1	NA	
30	OINAMLONG	33/11 KV	2.5 MVA		NA	1
20		33/11 KV	I MVA	1	NA	1
31	TENGNOUPAL	33/11 KV	I MVA	I	NA	1
PERSONAL SERVICE		33/11 KV	5 MVA	1	NA NA	116.001
32	MOREH	33/11 KV	5 MVA	25-05-00-06-1	NA	
33	MARAM	33/11 KV	3.15 MVA	1	NA	1
THE SAME	naevres-Supply State 1978	33/I1 KV	IMVA	1	NA	
34	LAKHAMAI	33/I1 KV	I MVA		NA NA	1
35	TADUBI	33/11 KV	3.15 MVA	1	NA	1
GRIPS III		33/11 KV	5 MVA		NA	1
36	MAO	33/11 KV	5 MVA		NA NA	1
50		33/11 KV	2.5 MVA	1	NA	1
37	WILLONG	33/11 KV	2.5 MVA	1	NA NA	1
38	KANGPOKPI	33/11 KV	3.15 MVA		NA	1
20	NAME OF TAXABLE OF TAX	33/11 KV	2.5 MVA	1	NA NA	1
39	GENEL	33/11 KV	2.5 MVA	1	NA	1
40	TAMEI	33/11 KV	3.15 MVA		NA	1
10		33/11 KV	2.5 MVA	1	NA	1
41	GAMPHAZOL	33/11 KV	2.5 MVA	1	NA	1
FEI SES		33/11 KV	5 MVA	1	NA	
42	SEKMAI	33/11 KV	5 MVA	Billion Co. S. Provensky	NA NA	1
43	LEIMAKHONG	33/11 KV	3 MVA	1	NA	1
Maria a	SECTION OF SECTION	33/11 KV	10 MVA		NA	1
44	NILAKUTHI	33/11 KV	10 MVA		NA NA	1
		33/11 KV	5 MVA	1	NA	1
45	MANTRIPUKRI	33/11 KV	5 MVA	1	NA	1
46	NAPETPALLI	33/11 KV	5 MVA	1	NA	1
-		33/11 KV	3.15 MVA	1	NA	1
47	SAGOLMANG	33/11 KV	3.15 MVA	1	NA	1
48	SAIKUL	33/11 KV	3.15 MVA	I	NA	
10	Consul Mining Consultation (Consultation)	33/11 KV	5 MVA	1	NA	1
49	CHINGAREL	33/11 KV	5 MVA	1	NA	1
50	LITAN	33/11 KV	3.15 MVA		NA	
50	HINDING	33/11 KV	3.15 MVA Page No	1	NA	1

Annexure - II

			FOR THE EXISTING TRANSFORMERS OF MSPCI	REMERS OF MSPCL.		
-			TRANSFORMER	NO OF MAIN METER		NO, OF STANDBY
SLNO	NAME OF THE SS	VOLTAGE LEVEL	CAPACITY OF TRANSFORMER	(ON HIGH VOLTAGE SIDE)	NO. OF CHECK METER	METER (ON LOW VOLTAGE SIDE)
15	попроиз	33/11 KV	3.15 MVA	1	NA	_
52	KAMJONG	33/11 KV	I MVA		NA	
		33/11 KV	5 MVA	-	NA	
53	UKHRUL KINJAO	33/11 KV	5 MVA	1	NA	_
54	TOLLOI	33/11 KV	I MVA	The second of the second of the second	NA	1
		33/11 KV	3.15 MVA	_	NA	
55	NAMREI	33/11 KV	3.15 MVA	_	NA	-
		33/11 KV	2.5 MVA		NA	
95	JESSAMI	33/11 KV	2.5 MVA		NA	
57	USOIPOKPI	33/11 KV	3.15 MVA	-	NA	_
88	LANGDUM	33/11 KV	3.15 MVA		NA	
		33/11 KV	5 MVA		NA	_
59	KHONJOM	33/11 KV	5 MVA	1	NA	-
	Canal Control	33/11 KV	3.15 MVA	1	NA	
09	WANGJING	33/11 KV	5 MVA		NA	
		33/11 KV	10 MVA	1	NA	-
19	THOUBAL	33/11 KV	10 MVA		NA A	_
	T SANGE OF THE PARTY OF THE PAR	33/11 KV	5 MVA		NA	
62	THOUBAL LEISANGIHEM	33/11 KV	5 MVA		NA	The state of the s
-		33/11 KV	I MVA	1	NA	-
63	MACHI	33/11 KV	1 MVA	1	AZ.	_
64	MAHADEV	33/11 KV	3.15 MVA		NA	
-	OMITANATA	33/11 KV	5 MVA	-	4Z	-
60	SERMALING	33/11 KV	5 MVA	1	NA	-
		33/11 KV	3.15 MVA		NA	
	MAYANGIMPHAL	33/11 KV	3.15 MVA		NA	
9		33/11 KV	3.15 MVA		NA	
19	NEW CHAYANG	33/11 KV	3.15 MVA	1	AN	-
	THE PARTY OF THE P	33/11 KV	2 MVA		NA	
89	SUGUINO	33/11 KV	2 MVA		NA	
	CINCANUANIO	33/11 KV	1 MVA		AZ.	-
6	CHARTINARONG	33/11 KV	1 MVA		NA	-
70	Idnor	33/11 KV	3.15 MVA	THE COURT OF THE PROPERTY OF THE PARTY OF TH	NA	
71	KHOPUM	33/11 KV	3.15 MVA	1	NA	_
	***************************************	33/11 KV	1 MVA	1	NA	
72	IINKEW	33/11 KV	1 MVA		NA	
	40.00	33/11 KV	1 MVA	1	NA.	-
73	HENGLEP	33/11 KV	I MVA	1	NA	-
-					NA	The state of the s

Annexure - II

		ASSI	FOR THE EXISTING TRANSFO			
T			TRANSFORMER	NO OF MAIN METER		NO. OF STANDBY
SL.NO	NAME OF THE SS	VOLTAGE LEVEL	CAPACITY OF TRANSFORMER	NO. OF MAIN METER (ON HIGH VOLTAGE SIDE)	NO. OF CHECK METER	METER (ON LOW VOLTAGE SIDE)
74	TIPUTEON	33/11 KV	1 MVA		NA	1
	COUNTAI	33/11 KV	1 MVA	1	NA	1
75	SINJWAL	33/11 KV	1 MVA	1	NA	I
STEP	GANGA HOOF	33/11 KV	1 MVA		NA NA	
76	SANGAIKOT	33/11 KV	1 MVA		NA NA	1
	MODANG	33/11 KV	3.15 MVA	1	NA	1
77	MOIRANG	33/11 KV	3.15 MVA	1	NA	1
		33/11 KV	3.15 MVA		NA	1
78	MOIRANG KHUNOU	33/11 KV	3.15 MVA		NA	1
		33/11 KV	5 MVA	1	NA	1
79	NEW LAMKA	33/11 KV	5 MVA	1	NA	1
80	SINGHAT	33/11 KV	3.15 MVA		NA	1
	WINNIA ID A WOARD	33/11 KV	3.15 MVA	1	NA	1
81	KHWAIRAKPAM	33/11 KV	3.15 MVA	1	NA	1
82	UTLOU	33/11 KV	5 MVA		NA NA	1
83	PHERZAWL	33/11 KV	1 MVA	1	NA	1
			TOTAL	170		170

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Annexure - III

		MENT OF METERS—MAI E EXISTING LINES OF OPE				sterifer to the
SL.NO	NAME OF OPEN ACCESS CUSTOMER	NAME OF LINE	ENTITY AT THE OTHER END	NO. OF MAIN METER	NO. OF CHECK METER	NO. OF STANDBY METER
1	SATYAM STEEL (TAPHOU)	33 KV LINE FROM 132/33 KV KARONG SS	MSPCL	1	NA	NA
2	AIRPORT AUTHORITY OF INDIA (TULIHAL)	33 KV LINE FROM 132/33 KV YUREMBAM SS	MSPCL	1	NA	NA
3	IOCL, MALOM	33 KV LINE FROM 132/33 KV YUREMBAM SS	MSPCL	1	NA	NA
			TOTAL	3		



9th Annual Financial Report 2021-22

Registered office:
Electricity Complex, Patta No. 1293 under 87(2)
Khwai Bazar, Keishampat,
Imphal, Manipur, Pin-795001
Website: mspcl.cubeten.com

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MANIPUR STATE POWER COMPANY LIMITED BALANCE SHEET AS AT 31ST MARCH'2022



(Rupees in Lakhs) As at 31st March As at 31st March **Particulars** Note No. 2022 2021 I. EQUITY AND LIABILITIES Shareholders' Funds (a) Share Capital 1,005.00 1,005.00 2,14,951.27 2,07,947.69 (b) Reserves & Surplus 3 (ii) Non-Current Liabilities (a) Other Long-Term Liabilities 2,875.18 6,280.46 4,212.46 4,801.45 (b) Deferred Tax Liabilities (Net) 5 (iii) Current Liabilities 40,800.04 26,558.87 (a) Other Current Liabilities 6 Total 2,63,843.96 2,46,593.48 II. ASSETS (i) Non-Current Assets (a) Property, Plant & Equipment and Intangible Assets 1,40,938.85 1,93,286.26 (i) Property, Plant & Equipment (ii) Capital Work-In-Progress 26,854.29 71,114.97 8 17,793.56 15,128.05 (b) Other Non-Current Assets 6,778.40 6,943.54 (ii) Non-Current Investments (iii) Current Assets 10 (a) Inventories 17,737.54 (b) Cash & Cash Equivalents 11,820.70 11 256.65 21.35 (c) Short-Term Loans & Advances 12 (d) Other Current Assets 13 972.11 791.15 2,63,843.96 2,46,593.48 Total Significant Accounting Policies

As per our Report of even date

Notes on Financial Statements

For Prashant N & Associates

Chartered Accountants

Firm Registration No. 314060E

CA Prashant Kumar Mishra

Partner

Membership No.301019

UDIN: Place: Imphal

Date :

For & on behalf of the Board

Rajesh Agrawal

2 to 29

Director

DIN: 00242334

N Sarat Singh

Managing Director DIN: 03262335

Ranendra Nandeibam Chief Financial Officer

PAN: AIRPN2105J

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STATEMENT OF PROFIT AND LOSS FOR THE YEAR ENDED ON 31ST MARCH'2022



	Particulars	Note No.	As at 31st March 2022	As at 31st March 2021
I.	Revenue from Operations	14	6,420.15	6,524.73
II.	Other Income	15	1,814.14	2,117.30
III.	Total Income (I + II)		8,234.29	8,642.03
IV.	Expenses:			
	Employee Benefits Expenses	16	5,501.65	5,061.70
	Finance Costs	17		
	Other Expenses	18	1,602.06	1,313.94
	Depreciation & Amortisation	7	4,823.34	3,520.82
	Total Expenses (IV)		11,927.05	9,896.46
٧.	Profit before exceptional and extraordinary items and tax (III-IV)		(3,692.75)	(1,254.43)
VI.	Exceptional Items	19	112.90	
VII.	Profit before tax (V- VI)		(3,805.65)	(1,254.43)
VIII.	Tax Expense:			
	(1) Current Tax			
	(2) Deferred Tax		(588.99)	(135.15)
IX.	Profit / (Loss) for the period (VII - VIII)		(3,216.66)	(1,119.28)
X.	Earning per equity share (Par Value Rs.10/- each):	20		
	(1) Basic	755005	(32.01)	(11.14)
	(2) Diluted		(32.01)	(11.14)
	Significant Accounting Policies	1		
	Notes on Financial Statements	2 to 29		

As per our Report of even date

For Prashant N & Associates

Chartered Accountants
Eirm Registration No. 314060E

CA Prashant Kumar Mishra

Partner

Membership No.301019

UDIN:

Place: Imphal

Date:

For & on behalf of the Board

Rajesh Agrawal

Director

DIN: 00242334

N Sarat Singh **Managing Director**

DIN: 03262335

Ranendra Nandeibam

Chief Financial Officer

PAN: AIRPN2105J

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MANIPUR STATE POWER COMPANY LIMITED CASH FLOW STATEMENT FOR THE YEAR ENDED 31ST MARCH'2022

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Pai	rticulars	As at 31st March 2022	As at 31st March 2021
Net	SH FLOW FROM OPERATING ACTIVITIES Profit before Tax d/{Less}: Adjustments	(3,805.65)	(1,254.43)
Dep	preciation	5,022.63	3,520.82
Op	erating Profit before Working Capital Changes	1,216.98	2,266.39
	justment for change in :		
	crease)/Decrease in Inventories	(235.31)	88.26
	crease)/Decrease in Short Term Loans & Advances	(180.96)	(235.02)
100000	rease/(Decrease) in Other Current Assets	14,241.17	1,052.76
1000000	rease/(Decrease) in Other Current Liabilities sh generated from Operations	15,041.89	3,172.39
	ect Taxes Paid	13,041.69	3,1,213,
10000	t Cash Flow from Operating Activities	15,041.89	3,172.39
B. CA	SH FLOW FROM INVESTING ACTIVITIES		
(In	crease)/Decrease in Fixed Assets	(57,370.04)	(13,042.09
(In	crease)/Decrease in Capital Work in Progress	44,260.68	1,911.06
(in	crease)/Decrease in Investments	(165.14)	
(ln	crease)/Decrease in Long Term Loans & Advances	-	
Inv	estment in Other Non Current Assets	(2,665.51)	(3,264.06
Cas	sh Flow From Investing Activities	(15,940.00)	(14,395.09
	SH FLOW FROM FINANCING ACTIVITIES		
	ue of Share Capital rease/(Decrease) in Long Term Borrowings		
111767	rease/(Decrease) in Capital Reserve	10,220.24	12,048.37
	rease/(Decrease) in Other Long Term Liabilities	(3,405.28)	(974.14
line	rease/(Decrease) in other Long Term Liabilities	(3,703.20)	(774.14
Cas	sh Flow From Financing Activities	6,814.96	11,074.23
D. NE	T INCREASE/(DECREASE) IN CASH AND CASH EQUIVALENTS (A+B+C):	5,916.84	(148.47
Cas	sh & Cash Equivalents at the Beginning of the period	11,820.70	11,969.17
	sh & Cash Equivalents at the Closing of the period	17,737.54	11,820.70
	TOTAL:	5,916.84	(148.47

As per our Report of even date

For Prashant N & Associates

Chartered Accountants Firm Registration No. 314060E

CA Prashant Kumar Mishra

Partner

Membership No.301019

UDIN:

Place: [mphal

Date :

For & on behalf of the Board

Rajesh Agrawal

Director

DIN: 00242334

N Sarat Singh **Managing Director**

DIN: 03262335

Ranendra Nandeibam **Chief Financial Officer**

PAN: AIRPN2105J



Notes Forming Part of Financial Statements for the Period ended 31.03.2022

Note: 1 Significant Accounting Policies

After the unbundling from the Electricity Department, Government of Manipur (EDM), MANIPUR STATE POWER COMPANY LIMITED (MSPCL) needs to follow accounting policy and standards that are applicable to all companies under the Companies Act, 2013. Further Electricity Act 2003 has repealed the Electricity (Supply) Act 1948 under which detailed accounting policies and standards were laid out.

Under the Companies Act, 2013, all Companies unless exempted are to prepare their accounts using the Accounting Standards as notified by the Central Government as stated U/s 133 of the Companies Act, 2013 read with rule 7 of companies (Accounts) rules 2014 which are applicable for all Companies. More over the Companies Act, 2013 also requires the Balance Sheet of the Company to be prepared in the form as laid out in Schedule III to the Act. Under this Schedule the Company needs to set out Significant Accounting Policies followed by the Company. The following paragraphs set out illustratively the significant accounting policies:

1. Basis of preparation of financial statements

The company is a public limited company registered under the provisions of Companies Act, 1956. The company is governed by the Electricity Act, 2003. The provisions of the Electricity Act, 2003 read with the rules made thereunder prevails wherever the same are inconsistent with the provisions of the Companies Act, 1956 in terms of section174 of the Electricity Act, 2003. The accounts have been prepared on the basis of going concern concept and under the historical cost convention. The company adopts accrual basis in preparation of its accounts to comply in all material aspects with Generally Accepted Accounting Principles (GAAP) and the accounting standards issued by the Companies (accounting standards) rules, 2006 as per notification no. G.S.R.739(e) dated 7th December, 2006.

2. Use of Estimates

The preparation of financial statements in conformity with Generally Accepted Accounting Principles requires estimates and assumptions to be made that affect the reported amounts of assets and the liabilities, disclosure of contingent liability on the date of the financial statements and the reported amounts of revenues and expenses during the reported period. Differences between actual results and estimates are recognized in the period in which results are known / materialized.

3. Government Grant

- a) Grants-in-aid received from State Government or other authorities towards capital expenditure for projects, betterment of system operation and specific depreciable assets are shown as "Balance Grant" until the utilization of Grant.
- b) Grants relating to revenue nature are accounted for on a systematic basis in the Statement of Profit and Loss over the period necessary to match them with the related cost which they are intended to compensate.

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Notes Forming Part of Financial Statements for the Period ended 31.03.2022

c) However, if Government grants are in the nature of promoters' contribution, i.e., they are given with reference to the total investment in an undertaking or by way of contribution towards its total capital outlay and no repayment is ordinarily expected in the case of such grants. These are credited directly to Reserves & Surplus under the group head shareholders' funds.

4. Property, Plant & Equipment (PPE)

- a) All other PPE are stated at historical cost less depreciation. Historical cost comprises the cost of acquisition and any other applicable costs attributable in bringing the assets to their working condition for their intended use, is inclusive of freight, duties & taxes (other than those subsequently recoverable from taxing authorities), levies, borrowing costs & all incidentals attributable to bring the asset ready for intended use.
- b) In case of PPE, for new projects / extension, the related expenses and interest cost up to the date of commissioning attributable to such project / expansion are capitalized.
- c) In case of Commissioned assets where final settlement of bills with contractors is yet to be effected, capitalization is made on provisional basis subject to necessary adjustment in the year of final settlement.
- d) Capital Expenditure incurred by the company, resulting in creation of PPE for which company does not have controlling rights, is reflected as a part of capital work in progress till the assets are under construction and thereafter disclosed in the PPE schedule under the head "Capital Expenditure resulting in Assets not belonging to the Company".
- e) In case of Capital Work in Progress for work against Deposits / work contract where the final settlement of bills with the contractor is yet to be effected, capitalization is done on provisional basis subject to necessary adjustment in the year of final settlement.
- f) Incidental expenditure prior to construction, preliminary project expenditure on identification, survey/ feasibility studies of projects etc is apportioned to capital work in progress on the basis of accretion there to. These expenses however are charged to profit and loss account if project is abandoned.
- g) Expenses incurred during the construction period including interest expense by construction divisions/ subdivisions are capitalized and accounted as cost of capital assets.
- h) The company capitalizes the cost of new transformers used for new sub-station, augmentation and replacement. The cost of repair of old/ burnt transformers is charged off to Repair and Maintenance Expenses.
- The capital work in progress is stated at cost inclusive of all direct and proportionate overhead costs incurred.

 Claims for price variation in case of capital contracts are accounted for on acceptance thereof by the Company.

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Notes Forming Part of Financial Statements for the Period ended 31.03.2022

- k) The total cost incurred by the company at project and planning units for the period are apportioned to respective Capital Work-in-Progress accounts on the basis of cumulative accretions.
- The costs incurred and revenue generated during the Trial Runs Stage of the Project / Power Station are capitalized.
- m)The costs incurred on identification, survey and feasibility studies of a project under sanction are shown as a distinct item in capital work in progress till the period of its rejection or three years, whichever is earlier. In case of rejection, the expenses are charged to revenue in the year of its rejection.
- n) PPE costing individually up to Rs. 5,000/- are charged to revenue in the year of purchase. Cost of all Mobile Phones is charged off to Revenue during the year of purchase.
- Assets retired from active use and held for sale are valued at cost or Net Realizable Value whichever is lower.
- p) Intangible Assets are capitalized at cost less accumulated amortization and impairment losses, if it is probable that the future economic benefits that are attributable to the assets will flow to the Company.
- q) The cost of Software (which is not an integral part of the related hardware) acquired for internal use and resulting in significant future economic benefits, is recognized as intangible assets in the books of accounts when the same is ready for its intended use.

5. Borrowing Cost

Borrowing costs that are attributable to the acquisition or construction of qualifying assets are capitalized as part of the cost of such assets. A qualifying asset is one that takes substantial period of time to get ready for its intended use. Other borrowing costs not attributable to the acquisition or construction of any capital asset are recognized as expenses in the period in which they are incurred.

6. Depreciation / Amortization:

- a) The company provides depreciation on straight line method to the extent of 95% of the cost of asset following the rates notified by the Companies Act 2013. However, in case of plant and machinery, depreciation is provided on straight line method to the extent of 90% of the cost of asset following the rates notified by the Electricity Act, 2003.
- b) Depreciation on additions/deletions of assets is provided on pro-rata basis from/up to the month in which the asset is available for use/disposal. Where the life and/or efficiency of an asset is increased due to renovation and modernization, the expenditure thereon along with its unamortized depreciable amount is charged prospectively over the revised useful life determined by technical assessment.
- c) Assets procured during the year costing Rs 5,000/- or less are charged to revenue during the year. This policy has been adopted generally across all categories of assets.

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Notes Forming Part of Financial Statements for the Period ended 31.03.2022

- d) On scrapping / obsolescence of an asset, the cost of assets and accumulated depreciation on it is withdrawn and transferred to a separate account.
- e) Leasehold land is amortized over a period of lease.
- f) Expenses capitalized on account of purchase of new application software, implementation of the said software by external third-party consultants and purchase of licenses are amortized over their estimated useful lives not exceeding ten years. Other intangible assets are amortized over the period for which benefits are estimated to generate sufficient economic benefits.

7. Impairment of Assets

The Company at the Balance Sheet date assesses individual PPE and groups of assets constituting "Cash Generating Units" (CGU) for impairment, if circumstances indicate a possibility or warrant such assessment. Provision is made for impairment of such assets or CGU if carrying cost is higher than recoverable amount.

8. Critical/ Insurance Machinery Spares

- a) Machinery spares procured along with the Plant & Machinery, whose use is expected to be irregular, are capitalized separately, if cost of such spares is known. If cost of such spares is not known, these are capitalized along with concerned plant.
- b) Machinery spares procured subsequently are also capitalized in the year of purchase.
- c) Machinery spares are depreciated fully over the remaining useful life of the related plant and machinery.
- d) Written Down Value of old Machinery Spares is charged to revenue in the year in which such spares are replaced and the old relevant spares are found to be of no further use. However, if the old relevant spares can be repaired and reused, then both are continued to be depreciated over the remaining useful life of the relevant asset.
- e) The repair charges of the old relevant spares are charged to statement of profit and loss.
- f) Other spares are treated as "Stores & Spares" forming part of the inventory, valued at cost or net realizable value whichever is lower and expensed when issued.

9. Inventories

Stock of materials, stores, spare parts is valued at lower of cost or net realizable value, and cost is determined on weighted average cost method. Cost comprises of cost of purchase (net of VAT refund receivable) and other costs incurred in bringing them to their present location and condition. Losses towards unserviceable and obsolete stores and spares identified on review are provided in the accounts.

10. Revenue Recognition

a) Transmission Charges is accounted for based on tariff rates approved by the Joint Electricity Regulatory Commission (JERC) and includes establishment charges and unbilled revenues accrued up to the end of the accounting period.

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Notes Forming Part of Financial Statements for the Period ended 31.03.2022

- b) Adequate Provisions in respect of provisional bills raised on distribution companies are made at the end of the year.
- c) Other income is recognized on accrual basis. Sale of scrap and any other item is accounted when the same is contracted to be sold. Recoveries on account of Liquidated Damages are recognized as income/adjusted to PPE in the year it is crystallized.
- d) The Company follows the method of recognizing the revenue surplus for the year based on the provisions of Electricity Act 2003.

11. Investments

- Long term investments are carried at cost, less provision for diminution other than temporary, if any, in the value of such investments.
- b) Current investments are carried at lower of cost and fair value.

12. Earnings Per Share

The Company reports basis and diluted earnings per share (EPS) in accordance with Accounting Standard-20, Earning Per Share. The Basic EPS has been computed by dividing the income available to equity shareholders by the weighted average number of equity shares outstanding during the accounting period.

13. Foreign Currency transactions

A foreign currency transaction is recorded, on initial recognition in the reporting currency, by applying to the foreign currency amount the exchange rate between the reporting currency and the foreign currency prevailing on the date of the transaction. At the Balance Sheet date, foreign currency monetary items are reported using the closing rate. Gain or loss, if any, is recognized in the Statement of Profit and Loss for the year. The gain or loss arising on account of exchange rate differences between the payment date and transaction date is charged to the Statement of Profit and Loss.

14. Employee Benefits

- a) Short Term Employee Benefits: In case of such facility the company recognizes the undiscounted amount of short-term employee benefits expected to be paid in exchange for services rendered as liability (accrued expense).
- b) Post-employment benefits: In case of new recruits Defined Benefit Plan like Gratuity and Leave encashment Expenditure for gratuity and leave encashment on retirement is accounted as and when it becomes payable.
- c) Provident Fund Benefit: In case of new recruits the company pays fixed contribution to Provident Fund at predetermined rates along with employee's contribution to a separate trust which also manages funds of other group companies. The funds are then invested in permitted securities. The contribution to the fund for the period is recognized as expense and is charged to the Statement of Profit and Loss.

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Notes Forming Part of Financial Statements for the Period ended 31.03.2022

d) Benefits to Deputed Employees: The benefits employees like gratuity, leave encashment, provident fund and any other terminal benefits to the deputed employees from the electricity department of the state government of the Government of Manipur will be provided by the government of Manipur.

15. Leases

- a) Finance Lease: In respect of assets acquired on finance lease the lease rentals are charged to the Statement of Profit and Loss as and when the same accrue. Assets acquired subsequent to 1st day of July, 2012 are classified as Finance leases, where the Company has substantially all the risks and rewards of ownership, such assets are capitalized at the inception of the lease at the lower of fair value or the present value of minimum lease payments and a liability is created for an equivalent amount. Lease rentals paid are allocated between the liability and interest cost, so as to obtain a constant periodic rate of interest on outstanding liability for each period.
- b) Operating Lease: Assets taken on lease under which all the risks and rewards of ownership are effectively retained by the lessor are classified as operating lease. Lease payments under operating leases are recognized as expense on straight line basis.

16. Taxation

- a) Income Tax: Current tax is determined as per the provisions of the Income Tax Act, 1961 in respect of Taxable Income for the year, after considering permissible tax exemption, deduction / disallowance. Current tax when provided under the minimum alternate tax provisions of section 115JB of the Income Tax 1961, the benefit of credit against such payments is available over a period of 10 subsequent assessment years and will be recognized when actually realized.
- b) Deferred Tax: Deferred tax is recognized on timing differences being the difference between taxable income and accounting income that originate in one period and are capable of reversal in one or more subsequent periods, subject to consideration of prudence by applying the tax rate and laws enacted or substantially enacted by Balance Sheet date as per the Accounting Standard-22 "Accounting for tax on Income". In respect of unabsorbed depreciation or carried forward losses, deferred tax assets are recognized only to the extent there is virtual certainty of realization in future. Other deferred tax assets are recognized only to the extent there is reasonable certainty of realization in future.

17. Significant Event Occurring after the Balance sheet Date:

- a) Contingent losses are to the extent identifiable as devolving on the company have been provided for in the profit and loss account based on materiality and probability of occurrence of the contingent event.
- b) Events occurring after the balance sheet date are given effect in the financial statements only if they provide further evidence for the estimations of amounts relating to conditions that existed at the Balance Sheet date

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Notes Forming Part of Financial Statements for the Period ended 31.03.2022

18. Prior Period Items and Extra-Ordinary Items

- Adjustments arising due to errors or omissions in the financial statements of earlier years are accounted under "Prior Period".
- b) Prior period items & extraordinary transactions are disclosed separately in the profit & Loss account in accordance with the requirement of AS-5. For this purpose, prior period items are those items which arise out of errors or omissions

19. Prepaid Expenditure:

- Expenses related to the succeeding period incurred in the current period shall be recorded as prepaid expenses based on materiality.
- b) Prepaid Expenditure Up to Rs 10,000/- are accounted under appropriate heads of accounts.

20. Provisions, Contingent Liabilities and Contingent Assets

Provisions involving substantial degree of estimation in measurement are recognized when there is a present obligation as result of past events and it is probable that there will be an outflow of resources. Contingent liabilities are not recognized but are disclosed in the notes. Financial effect of contingent liabilities is disclosed based on information available up to the date on which financial statements are approved. Contingent assets are not recognized in the financial statements.

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Notes Forming Part of Financial Statements for the Period ended 31.03.2022



Note: 2

Particulars of Share Capital:

		As at 31st M	farch, 2022	As at 31st March, 2021	
Particulars		No. of Shares	Amount (Rs. in Lakhs)	No. of Shares	Amount (Rs. in Lakhs)
Authorised Equity Shares of Rs. 10/- each		1,50,00,000	1,500.00	1,50,00,000	1,500.00
Issued Subscribed & Fully Paid up Equity Shares of Rs. 10/- each		1,00,50,000	1,005.00	1,00,50,000	1,005.00
	Total	1,00,50,000	1,005.00	1,00,50,000	1,005.00

Note:

Out of above total paid up capital, Rs. 10 Crores(1 crore Eq. Shares of Rs 10/- each) has been issued to Government of Manipur for consideration other than cash as per the Manipur State Electricity Reforms Transfer Scheme 2013.

Note: 2.1

 $Reconciliation \ of \ number \ of \ shares \ outstanding \ at \ the \ beginning \ \& \ at \ the \ end \ of \ the \ reporting \ period:$

	As at 31st N	1arch, 2022	As at 31st March, 2021	
Particulars	No. of Shares	Amount (Rs. in Lakhs)	No. of Shares	Amount (Rs. in Lakhs)
Shares outstanding at the beginning of the year	1,00,50,000	1,005.00	1,00,50,000	1,005.00
Shares outstanding at the end of the year	1,00,50,000	1,005.00	1,00,50,000	1,005.00

Note: 2.2

The rights, preferences and restrictions attaching to each class of shares including restrictions on the distribution of dividends and the repayment of capital

All the equity shares of the company are issued with same rights & previledges as other equity shares.

Note: 2.3

Shares in the company held by shareholders holding more than 5 percent shares:

As at 31st N	March, 2022	As at 31st March, 2021	
No. of Shares	% of Holding	No. of Shares	% of Holding
1,00,49,994	99.99994%	1,00,49,994	99.99994%
	No. of Shares		No. of Shares % of Holding No. of Shares

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Notes Forming Part of Financial Statements for the Period ended 31.03.2022



Shares in the company held by promoters as on 31st March, 2022

	As	As at 31st March, 2022			
Name of Shareholder	No. of Shares held	% of Holding	% Change during the year		
Govt of Manipur	1,00,49,994	99.99994%			
Sailesh Kumar Chaurasia (Non-beneficial owner)	1	0.00001%	0.00001%		
Orjubala Haorongbam (Non-beneficial owner)	1	0.00001%	0.00001%		
Ngairangbam Subhachandra Singh (Non-beneficial owner)	1	0.00001%			
H. Shantikumar Singh (Non-beneficial owner)	1	0.00001%	0.00001%		
S. Priyananda Singh (Non-beneficial owner)	1	0.00001%	0.00001%		
N. Jasobanta Singh (Non-beneficial owner)	1	0.00001%	0.00001%		
Khwairakpam Raghumani Singh (Non-beneficial owner)	0	0.00000%	-0.00001%		
Sumant Singh (Non-beneficial owner)	0	0.00000%	-0.00001%		
Laishram Priyokumar Singh (Non-beneficial owner)	0	0.00000%	-0.00001%		
Leichombam Dineshchandra Singh (Non-beneficial owner)	0	0.00000%	-0.00001%		
Nambam Dwijen Singh (Non-beneficial owner)	0	0.00000%	-0.00001%		

Shares in the company held by promoters as on 31st March, 2021

	As at 31st March, 2021			
Name of Shareholder	No. of Shares held	% of Holding	% Change during the year	
Govt of Manipur	1,00,49,994	99.99994%		
Khwairakpam Raghumani Singh (Non-beneficial owner)	1	0.00001%	2	
Sumant Singh (Non-beneficial owner)	1	0.00001%		
Ngairangbam Subhachandra Singh (Non-beneficial owner)	1	0.00001%		
Laishram Priyokumar Singh (Non-beneficial owner)	1	0.00001%		
Leichombam Dineshchandra Singh (Non-beneficial owner)	1	0.00001%	9	
Nambam Dwijen Singh (Non-beneficial owner)	1	0.00001%	~	







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Notes Forming Part of Financial Statements for the Period ended 31.03.2022



Note: 3

Reserve & Surplus:

	As at 31st March, 2022	As at 31st March, 2021
Particulars	Amount (Rs. in Lakhs)	Amount (Rs. in Lakhs)
(a) Capital Reserves		
Opening Balance	2,16,269.58	2,04,221.21
(+) Current Year Transfer	10,220.24	12,048.37
Closing Balance	2,26,489.82	2,16,269.58
(b) Profit & Loss Account		
Opening Balance	(8,321.89)	(7,202.61)
(+) Current Year Transfer	(3,216.66)	(1,119.28)
Closing Balance	(11,538.55)	(8,321.89)
Total (a+b)	2,14,951.27	2,07,947.69

Note: 3.1

Current Year Transfers to Capital Reserves

	As at 31st March, 2022	As at 31st March, 2021	
Particulars	Amount (Rs. in Lakhs)	Amount (Rs. in Lakhs)	
Received from Government of Manipur as Grants in Capital Nature	9,716.05	9,999.67	
Received from Power System Development Fund as Grants in Capital Nature	332.55	2,048.70	
Received from Integrated Power Development System Fund as Grants in Capital Nature	171.64	-	
Total	10,220.24	12,048.37	

Note : 4 Other Long-Term Liabilities :

Particulars	As at 31st March, 2022 Amount (Rs. in Lakhs)	As at 31st March, 2021 Amount (Rs. in Lakhs)
Earnest Money Retention Money (Within Which Rs 16.77 Lakhs as at 01.02.2014 unseggregated between Retention Money & Security Deposit)	19.56 2,855.62	19.56 6,260.90
Total	2,875.18	6,280.46

Note: 4.1

Actual amount of liability pertains to retention money and security deposit deducted from the contractors & suppliers at the time of payment of various contract bills which will be payable after a defined period of time.



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Notes Forming Part of Financial Statements for the Period ended 31.03.2022



Note: 5

Deferred Tax Liabilities (Net):

	As at 31st March, 2022	As at 31st March, 2021	
Particulars	Amount (Rs. in Lakhs)	Amount (Rs. in Lakhs)	
Deferred Tax Liabilities towards Fixed Assets	4,212.46	4,801.45	
	4,212.46	4,801.45	

Note: 6

Other Current Liabilities:

	As at 31st March, 2022	As at 31st March, 2021
Particulars	Amount (Rs. in Lakhs)	Amount (Rs. in Lakhs)
(a) Statutory Dues Payable	93.48	234.63
(b) Creditors for Capital Expenditure	16,115.42	9,700.34
(c) Sundry Creditors for Expenses	1,090.82	647.66
(d) Advance For Deposit work	23,336.34	15,667.47
(e) GPF Part & Final Payable	12.84	15.30
(f) GPF Contribution & Recovery	7.69	16.46
(g) New Pension Scheme Payable	130.89	216.26
(h) Other Payables	0.20	0.21
(i) Agency Charges Payable	12.36	60.55
	40,800.04	26,558.87

Note: 6.1

As per the transfer scheme, terminal benefits of the employees deputed to the company will be borne by the Govt. of Manipur unless option has not been exercised by the deputionist for absorption into regular services of the company as on date of balance sheet none of the deputed employees has opted for absorption. Therefore Liability for retirement benefits has not been provided. In respect of the employees appointed by the company, the company has joined NPS scheme. Since it is not clear at Balance Sheet date as to how many employees would opt for absorption, these liabilities will be borne by the Govt. of Manipur. Once employees opt for absorption at the end of deputation period, then the liabilities for absorbed employees would be transferred to the company as per the Manipur State Electricity Reforms Transfer Scheme 2013.

Note: 6.2

In accordance with the notification No. GSR 719 (E) dt. 16-11-2007, issued by the Ministry of Corporate Affairs, certain disclosure are required to be made relating to Micro and Small Enterprise as defined under Micro, Small and Medium Development Act 2006. The Company is in the process of compiling relevant information from its suppliers about their coverage under the said Act. Since the relevant information is still not available, no disclosure have been made in the Accounts.

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Notes Forming Part of Financial Statements for the Period ended 31.03.2022

Note: 7 Property,Plant & Equipment and Intangible assets (Amount Rs. in Lakhs)

Particulars		Gross	Block			Accumulated De	epreciation		Net B	lock
	As on 01-04- 2021	Additions during the period	Capitalised during the Period	As on 31-03-2022	As on 01-04-2021	Charged during the period	Prior Period Depreciation	As on 31-03- 2022	As on 31-03- 2022	As on 31-03- 2021
(i) Property, Plant & Equipment										
Land & Land Development	1,971.95			1,971.95					1,971.95	1,971.95
Plant & Machinery	1,37,379.14	54,385.80		1,91,764.94	15,325.11	4,427.64	196.59	19,949.35	1,71,815.59	1,22,054.02
Building	17,960.30	2,984.24		20,944.54	1,217.40	354.00	2.70	1,574.10	19,370.44	16,742.90
Fueniture & Fitings	67.05		-	67.05	32.01	5.91		37.92	29.13	35.04
Computer	51.51			51.51	48.93			48.93	2.57	2.57
Office Equipments	8.18			8.18	7.70	19.0		7.70	0.48	0.48
Whicles	301.55	-	12	301.55	169.67	35.78		205.45	96.10	131.89
Total	1,57,739.68	57,370.04		2,15,109.73	16,800.83	4,823.34	199.30	21,823.46	1,93,286.26	1,40,938.85
Prevous Year	1,44,697.60	13,042.09		1,57,739.68	13,280.01	3,520.82		16,800.83	1,40,938.85	
(ii) Capital Work-in-Progress	71,114.97	13,109.36	57,370.04	- Au of the second					26,854.29	71,114.97

Note · 7 1

Long-termTangible assets are held for business use and are not expected to be converted to cash in near future.

Note: 7.2

Capital Work in Progress includes only the amount paid to Creditors of On-Going Projects.

Note: 7.3

Ageing of Capital work-in-progress

(Amount Rs. in Lakhs)

Particulars	SOUTH THE PERSON NAMED IN COLUMN	As at 31st March, 2022						As at 31st March, 2021				
raidcuais	Less than 1 year			More than 3 years	Total	Less than 1 year	1 year - 2 years	2 years - 3years	More than 3 years	Total		
Projects in Progress	5.362.38	4,563.73	4,082.69	12,845.49	26,854.29	6,032.87	4,853.68	8,280.55	51,947.87	71,114.97		

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Notes Forming Part of Financial Statements for the Period ended 31.03.2022



Note:8

Other Non-Current Assets:

Part			As at 31st March, 2022	As at 31st March, 2021
	Particulars		Amount (Rs. in Lakhs)	Amount (Rs. in Lakhs)
(a) Advance Aga	inst Deposit Work		17,793.56	15,128.05
		Total	17,793.56	15,128.05

Note:9

Non Current Investment (On the basis of nature of Investment):

(Refer Note No:9A)

Particulars	As at 31st March, 2022 Amount (Rs. in Lakhs)	As at 31st March, 2021 Amount (Rs. in Lakhs)
Non Trade, -At Cost (Fully Paid) 2,46,84,000 Equity Shares of Rs. 10/- of North East Transmission Company Limited (Held in the name of The Governor, Government of Manipur.)	2,468.40	2,468.40
3,47,51,351 (P.Y 3,31,00,000) Equity Shares of Rs. 10/- of Loktak Downstream Hydro Electric Corporation Limited (3,47,51,251 shares held in the name of The Governor, Government of Manipur and 100	3,475.14	3,310.00
shares in the name of Shri N Dwijen Singh.) 1,00,00,000 Equity Shares of Rs. 10/- of Manipur State Power Distribution Company Limited	1,000.00	1,000.00
Total	6,943.54	6,778.40

Note: 10 Inventories:

	As at 31st March, 2022	As at 31st March, 2021
Particulars	Amount (Rs. in Lakhs)	Amount (Rs. in Lakhs)
Stores(as certified by the Management)		31 16
		-

Note: 10.1

Stock of stores have been valued at cost.





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MANIPUR STATE POWER COMPANY LIMITED
Notes Forming Part of Financial Statements for the Period ended 31.03.2022



Note 9(a):

Table A :: Details of Non Current Investments

SI. No.	Sl. No. Name of the Budy Corporate	Name of the Budy Curporate Subsidiary/ No. of Associate /	No. of Shar	ares / Units Quoted / Unquoted		Unquoted Paid /		ted Paid /		olding (%)	Amount (Rs. In lakhs)		Whether If Answer stated at Column (* Cost is 'No' -	C11310
Controlled	Joint Venture/ Controlled Entity/ Others	As at 31st March 2022	As at 31st March 2021	120 150	Fully paid	As at 31st March 2022	As at 31st March 2021	As at 31st March 2022	As at 31st March 2021	Yes / Na	Basis of Valuation			
(a)	North East Transmission Company Limited	Others	2,46,84,000	2,46,84,000	Unquoted	Fully Paid	6.00%	6.00%	2,468,40	2,468.40	Yes	N/A		
(p)	Loktak Downstream Hydro Electric Corporation Limited	Associate	3,47,51,351	3,31,08,000	Unquoted	Fully Paid	25.17%	25.08%	3,475.14	3,310.00	Yes	N/A		
(c)	Manipur State Power Distribution Company Limited	Subsidiary	1,00,00,000	1,00,00,600	Unquoted	Fully Paid	99.50%	99.50%	1,000.00	1,000.00	-	N/A		
	Total		6,94,35,351	6,77,84,000			19.3	100	6,943.54	6,778,40				

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Notes Forming Part of Financial Statements for the Period ended 31.03.2022



Note: 11

Cash & Cash Equivalents:

Particulars	As at 31st March, 2022	As at 31st March, 2021
	Amount (Rs. in Lakhs)	Amount (Rs. in Lakhs)
Balances with banks	17,737.54	11,820.70
Cash in hand(As certified)	*	
Total	17,737.54	11,820.70

Note: 12

Short-Term Loans & Advances:

		As at 31st March, 2022 Amount (Rs. in Lakhs)	As at 31st March, 2021		
Particulars			Amount (Rs. in Lakhs)		
Other Advances Balances with Revenue Authorities		250.11 6.55	14.80 6.55		
bullines with terroritoritation in the	Total	256.65	21.35		

Note: 13

Other Current Assets :

	As at 31st March, 2022	As at 31st March, 2021
Particulars	Amount (Rs. in Lakhs)	Amount (Rs. in Lakhs)
Tax deducted/collected at source	378.10	370.51
Interest Accrued/Receivable from Bank	268.77	255.21
Dividend Receivable	246.84	
Share Application Money Given (Pending for allotment)	78.00	165.14
Group Insurace Scheme	0.40	0.30
Total	972.11	791.15

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Notes Forming Part of Financial Statements for the Period ended 31.03.2022



Note: 14

Revenue from Operations:

Particulars	As at 31st March 2022	As at 31st March 2021	
	Amount (Rs. in Lakhs)	Amount (Rs. in Lakhs)	
Transmission Charges	6,420.15	6,524.73	
Total	6,420.15	6,524.73	

Note: 15

Other Income:

	As at 31st March 2022	As at 31st March 2021	
Particulars	Amount (Rs. in Lakhs)	Amount (Rs. in Lakhs)	
SLDC Income	394.22	383.96	
Agency Charges (Grant)	432.16	496.06	
Contingency Charges (Grant)	0.75	10.20	
Dividend Income	246.84	370.26	
Bank Interest	475.91	616.84	
Other Interest	245.13	223.08	
Other Income	19.13	16.90	
Total	1,814.14	2,117.30	

Note: 16

Employee Benefits Expenses:

Particula		As at 31st March 2022	As at 31st March 2021
	Particulars	Amount (Rs. in An Lakhs)	
Salaries		5,056.07	4,618.37
Medical Reimbursen	nent	19.12	20.87
Contribution to New	Pension Scheme	425.46	422.46
Ex-Gratia		1.00	
	T	otal 5,501.65	5,061.70

Note: 17 Finance Costs:

	As at 31st March 2022	As at 31st March 2021
Particulars	Amount (Rs. in Lakhs)	Amount (Rs. in Lakhs)
Interest Expense*		
Total		-

* Interest expense has been transferred to Capital Work in Progress

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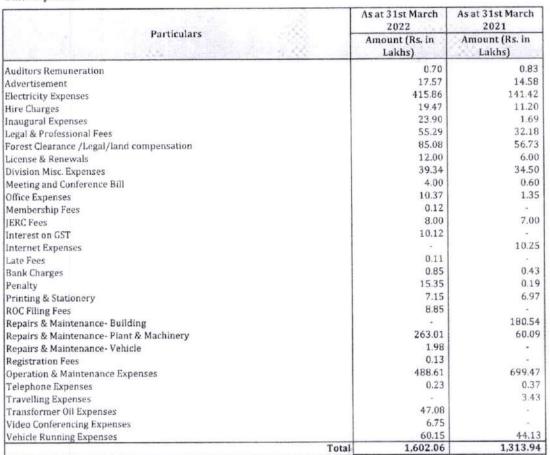
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Notes Forming Part of Financial Statements for the Period ended 31.03.2022



Other Expenses :



Note: 18.1

Payment made to the Auditor during the year

Particulars	Particulous	***	As at 31st March 2022	As at 31st March 2021
	Particulars		Amount (Rs. in Lakhs)	Amount (Rs. in Lakhs)
As Auditor			0.70	0.83
		Total	0.70	0.83

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Notes Forming Part of Financial Statements for the Period ended 31.03.2022



Exceptional Items

	As at 31st March 2022	As at 31st March 2021	
Particulars	Amount (Rs. in Lakhs)		
Prior Period Income (Dividend)	(74.05)		
Prior Period Income (Supervision Charges)	(12.35)		
Prior Period Expenditure (Depreciation)	199.30	-	
Total	112.90		

Note: 20

Earning Per Share

The following table reconciles the numerators and denominators used to calculate Basic and Diluted Earning Per Share for the year ended 31st March 2022:

Particulars	As at 31st March 2022	As at 31st March 2021
	Amount (Rs, in Lakhs)	Amount (Rs. in Lakhs)
Profit/Loss after tax available to Equity Shareholders	(3,216.66)	(1,119.28)
Weighted Average Number of Share	1,00,50,000	1,00,50,000
Basic	(32.01)	(11.14)
Diluted	(32.01)	(11.14)
Face Value of per Equity Share	10.00	10.00

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Notes Forming Part of Financial Statements for the Period ended 31.03.2022

Note: 21

Disclosures in relation to related parties:

Pursuant to Accounting Standard - 18, related party disclosures, following are the related parties, description of the relationships and transactions carried out with them during the year in the ordinary course of business.

i) Name of Related parties and nature of relationship

Subsidiary Company	Manipur State Power Distribution Company Limited
Associate Company	Loktak Downstream Hydro Electric Corporation Limited
Key Managerial Personnel and their relatives	Dr. Rajesh Kumar (Chairman)
	Mr. Khwairakpam Raghumani Singh (Director) [Retired on 15.11.2021]
	Mr. B John Tlangtinkhuma (Additional Director)[Appointed on 17.08.2021]
	Mr. Nandeibam Sarat Singh (Managing Director)
	Mr. Ngairangbam Subhachandra Singh (Director)
	Mr. Ranendra Nandeibam (Chief Financial Officer)

ii) Disclosures in respect of transaction with related parties

(Rupees in Lakhs)

Type of Transactions	Subsidiary/ Associate Company	Enterprises owned or significantly influenced by key management and /or their relatives	Key Managerial Personnel and their relativesKey Managerial Personnel and their relatives
Transmission Charges (Income)	6,420.15 (6.524.73)	NIL	NIL
Electricity Charges (Exp)	415.86 (141.42)	NIL	NIL
Share Application Money Given Pending For Allotment	78.00 (165.14)	NIL J	NIL
Share Allotment	165.14	NIL	NIL
Salary	NIL	NIL	12.00 (12.00)

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Notes Forming Part of Financial Statements for the Period ended 31.03.2022



Note: 22

Impairment of Assets:

In pursuance of AS- 28 " Impairment of Assets" issued by ICAI, the company has reviewed carrying cost of its Assets and the management is of the view that in the current financial year, Impairment of Assets is not considered necessary as all the assets are in good condition and realisable value is more than carrying cost.

Note: 23

Segment Reporting:

The Company has only one business segment as it engaged in provision of only one category of service. As such there is no separate reportable segment as required under AS-17 "Segment Reporting"

Note: 24

Contingent liabilities and Capital commitments (to the extent not provided for)

Contingent liabilities amount to Rs 284.00 lakhs (P.Y. Rs. 495.16 lakhs), No. of court cases is 16 (P.Y. 11)

Capital commitments outstanding amounting to Rs 31,347.72 Lakhs (P.Y. Rs 34,329.60 Lakhs)

Note: 25

Expenditure in Foreing Exchange: Nil

Earnings in Foreing Exchange: Nil

Note: 26

North Eastern Region Power System Improvement Project (NERPSIP)

As per the office memorandum of Ministry of Power dated 01/12/2014, F.No. 3/16/2013-Trans, NERPSIP Project has been sanctioned by the President of India for North Eastern States in which Manipur is one of the beneficiary State. Under this project, Power Grid Corporation of India Limited (PGCIL) is the Central implementing Agency and Manipur State Power Company Limited (MSPCL) is the Utility or Owner. However, the aforementioned office memorandum states that the beneficiary State will be responsible for Operation & Maintenance of the Transmission and Distribution System which would be transferred to them upon its commissioning by PGCIL. Since the above project is yet to be commissioned and not yet handed over by PGCIL to MSPCL, so the cost related to the specified project is not accounted for. However, PGCIL being the Central Implementing Agency for the project has deposited GST and TDS on the aforesaid project as per the applicable norms to the Treasury in the name of MSPCL by using the GSTIN & TAN of MSPCL.

Note: 27

Previous year figures have been regrouped / reclassified wherever necessary to correspond with the current year's classification/ disclosure.

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Notes Forming Part of Financial Statements for the Period ended 31.03.2022



Note: 28

Additional Regulatory Requirements

(i) Ratios

Ratio	Numerator	Denominator	As at 31st March 2022	As at 31st March 2021	Variation	Reasons, if Variation > 25%
Current Ratio	Current Assets	Current Liabilities	0.46	0.48	-2.27%	-
Debt Equity Ratio	Total Long and Short Term Borrowings	Total Equity	NA	NA	-	•
Debt Service Coverage	Profit before tax, finance costs, depreciation and amortisation expense	Finance Cost + Long- term Borrowings (including current maturities of long-term borrowings)	NA	NA		
Return on Equity	Net Profit	Average Equity	-0.03	-0.01	-178.07%	Due to decreased Net Profit
Inventory Turnover	Revenue From Operations	Average Inventory	NA	NA	-	-
Trade Receivables Turnover	Revenue From Operations	Average Trade Receivables	NA	NA		-
Trade Payables Turnover	Purchases + Other Expenses	Average Trade Payables	NA	NA	-	~
Net Capital Turnover	Revenue From Operations	Average Equity	0.0595	0.0625	-4.79%	-
Net Profit Ratio	Net Profit	Revenue From Operations	-0.50	-0.17	-192.07%	Due to decreased Net Profit
Return on Capital Employed	PBIT	Average Equity	NA	NA		
Return on Investment	Interest on Fixed Deposits	Average Fixed Deposits	NA	NA	-	



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Notes Forming Part of Financial Statements for the Period ended 31.03.2022

Note: 29

Other Statutory Information

- (i) The Company does not have any Benami property, where any proceeding has been initiated or pending against the Company for holding any Benami property under the Benami Transactions (Prohibition) Act, 1988 and rules made there under.
- (ii) The Company does not have any transacted with companies struck off under section 248 of the Companies Act, 2013 or section 560 of the Companies Act, 1956.
- (iii) As per the information available in the records of the Ministry of Corporate Affairs (MCA), the company does not have any charge or satisfaction which is yet to be registered with the Registrar of Companies (ROC) as at 31st March, 2022.
- (iv) The Company has not traded or invested in Crypto currency or Virtual Currency during the financial year.
- (v) The Company has not advanced or loaned or invested funds to any other person(s) or entity(ies), including foreign entities (Intermediaries) with the understanding that the Intermediary shall:
 - a) directly or indirectly lend or invest in other persons or entities identified in any manner whatsoever by or on behalf of the company (Ultimate Beneficiaries) or
 - b) provide any guarantee, security or the like to or on behalf of the Ultimate Beneficiaries
- (vi) The Company has not received any fund from any person(s) or entity(ies), including foreign entities (Funding Party) with the understanding (whether recorded in writing or otherwise) that the Company shall:
 - a) directly or indirectly lend or invest in other persons or entities identified in any manner whatsoever by or on behalf of the Funding Party (Ultimate Beneficiaries) or
 - b) provide any guarantee, security or the like on behalf of the Ultimate Beneficiaries,
- (vii) The Company does not have any such transaction which is not recorded in the books of accounts that has been surrendered or disclosed as income during the year in the tax assessments under the Income Tax Act, 1961 (such as, search or survey or any other relevant provisions of the Income Tax Act, 1961).
- (viii) The Company has complied with the number of layers prescribed under clause (87) of section 2 of the Act read with Companies (Restriction on number of Layers) Rules, 2017.
- (ix) The Company is not a Core Investment Company as defined in the regulations made by Reserve Bank of India.
- (x) The Company has not incurred cash losses in the current year as well as in the immediately preceding financial year.
- (xi) There are no events or transactions after the reporting period which is required to be reported under AS-4.

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